

4. 84
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,

1873.

Tues. day 8 a.m.

WEATHER REPORT.

July 1st

1873.

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 5 a.m.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 a.m.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.98	00	59	57	+6	*	*	E	6	2	N	*	c	*	*
Hernösand ...	29.87	-15	59	52	-1	*	*	?	?	0	Z	*	?	*	*
Stockholm ...	29.86	-05	57	57	-3	*	*	SE	?	4	NNE	*	?	*	*
Wisby ...	29.91	+01	56	52	0	*	*	N	4	2	N	*	b	*	*
Christiansund ...	29.83	-18	55	54	0	*	*	W	2	2	ENE	*	ot	*	2
Skudesnaes ...	29.88	-09	58	55	+3	*	*	S	2	4	SSW	*	c	*	2
Oxö (Xtiansand) ...	29.85	-12	58	54	+3	*	*	ENE	4	4	ENE	*	co	*	2
Skagen (The Skaw) ...	29.89	-17	61	59	-2	*	*	NE	2	*	*	*	o	*	*
Fanö ...	29.80	-19	62	59	+2	*	*	SE	6	*	*	*	o	*	*
Cuxhaven ...	29.77f	-10	63	61	+3	68	?	WSW	3	2	E	9	o	0.04	0
Sumburgh Head															
Stornoway (Hebrides) ...	30.00r	+18	54	53	+1	57	53	WNW	1.	2	WSW	10	do	0.03	1
Thurso ...	29.94r	+12	54	50	-5	62	49	N	2	2	NW	4	gc	0.05	2
Wick ...	29.98r	+15	53	50	-2	61	48	NNW	2	2	NNW	6	c	0.01	0
Nairn ...	30.01r	+14	53	52	-4	65	52	NW	1	1	W	8	o	0.01	1
Aberdeen ...	29.97r	+08	55	57	0	62	52	NNW	2	2	NNW	7	oc	-	1
Leith ...	29.99r	+08	64	60	+11	70	49	NW	1	2	E	4	c	-	*
Shields ...	29.97r	+08	57	52	+3	59	57	N	4	3	NE	2	fb	-	2
York ...	29.97r	+12	59	54	+3	72	53	N	2	1	N	0	cb	-	*
Scarborough ...	29.96r	+06	59	55	+4	60	57	NNW	4	5	NW	9	bo	-	4
Nottingham ...	29.99r	+08	65	59	+8	68	57	NW	1	2	NW	5	om	0.03	*
Ardrossan ...	30.02r	+10	58	56	+1	65	55	N	2	5	WNW	8	co	-	1
Greencastle ...	30.04r	+10	55	53	-3.	61	54	N	3	4	WNW	9	go	0.02	*
Donaghadee ...	30.01r	+10	57	55	-4	62	57	N	2	3	NNW	10	bo	0.04	1
Kingstown ...	30.06r	+10	59	56	+1	67	57	W	2	4	WNW	10	og	-	2
Holyhead ...	30.02r	+13	57	55	+2	65	54	WNW	1	4	NNW	6	h	-	0
Liverpool (Bidston Obs.) ...	30.05r	+15	58	52	-1	66	54	WNW	3	4	W	9	co	-	2
Valencia ...	30.10r	+06	58	55	+1	64	55	NW	3	3	WNW	8	g	-	3
Roche's Point ...	30.05r	+08	57	54	+1	68	53	N	1	3	NNW	9	bo	-	2
Pembroke ...	30.07r	+14	57	52	0	61	53	NW	1	3	NW	3	co	-	1
Portishend ...	30.02r	?	63	60	?	71	50	NW	3	4	WNW	8	cm	-	3
Seilly ...	30.10r	+12	60	58	+1	62	56	W	1	5	WNW	7	c	-	4
Plymouth ...	30.06r	+16	62	60	0	72	52	WNW	2	4	NNW	6	cm	-	*
Portsmouth ...	30.01r	+20	63	58	+3	63	54	NNW	1	2	NW	2	rb	0.28	1
Dover ...	29.93r	+17	57	53	-3	62	55	NNW	4	4	WNW	7	g	0.19	2
London ...	29.97r	+21	60	57	+2	62	54	NW	2	3	W	7	gre	0.32	*
Oxford ...	30.00	+18	60	55	+1	63	50	NW	1	2	NW	6	cc	0.11	*
Cambridge ...	29.97r	+12	61	57	+3	61	57	NW	1	2	NW	10	ro	0.09	*
Yarmouth ...	29.90r	+17	57	56	-5	64	54	NNW	3	4	N	6	rc	0.18	3
Helder ...	29.80	+05	62	*	-4	*	*	SW	2	*	*	*	*	*	?
Cape Gris Nez ...	29.93r	+15	63	61	+6	?	?	NW	4	5	WSW	10	ro	0.43	3
Brest ...	30.14r	+15	57	57	0	66	54	WNW	3	4	N	10	co	0.16	2
L'Orient ...	30.14	+15	57	52	-3	71	56	N	3	5	WNW	?	c	-	2
Roche fort ...	30.16r	+12	63	58	0	70	60	N	4	5	NW	5	oc	-	3
Biarritz ...	30.18r	+08	62	60	-2	64	60	NW	4	5	W	6	c	0.16	4
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	29.80	-02	63	*	+112	*	*	W	4	*	*	*	t	*	*
Charleville ...	29.92	+03	56	*	-10	*	*	WSW	3	*	*	*	ot	*	*
Paris ...	30.01r	+15	59	59	-5	69	58	WNW	5	5	W	10	o	0.24	*
Lyons ...	30.18	+14	69	*	-6	*	*	NE	2	*	*	*	b	*	*
Toulon ...	730.02f	-08	53	44	-17?	82	49	NW	3	1	SE	4	c	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.90	61	55	S	4	*	c	3	Valencia ...	30.06	59	55	WNW	3	7	c
Thurso ...	29.79	57	53	S	1	g	g	0	Silly ...	30.03	62	58	NW	4	5	c
Scarborough...	29.84	58	55	N	3	4	b	3	London ...	29.81	62	60	W	1	10	go
Greencastle ...	29.94	60	56	W	2	10	g	*	Roche fort ...	30.07	67	60	NW	5	10	m
Holyhead ...	29.93	61	56	NW	3	1	b	2								

The recovery of pressure has extended to the southern parts of England, but scarcely any change is reported. In London the weather is very dark and gloomy.

EXPLANATION OF COLUMNS.

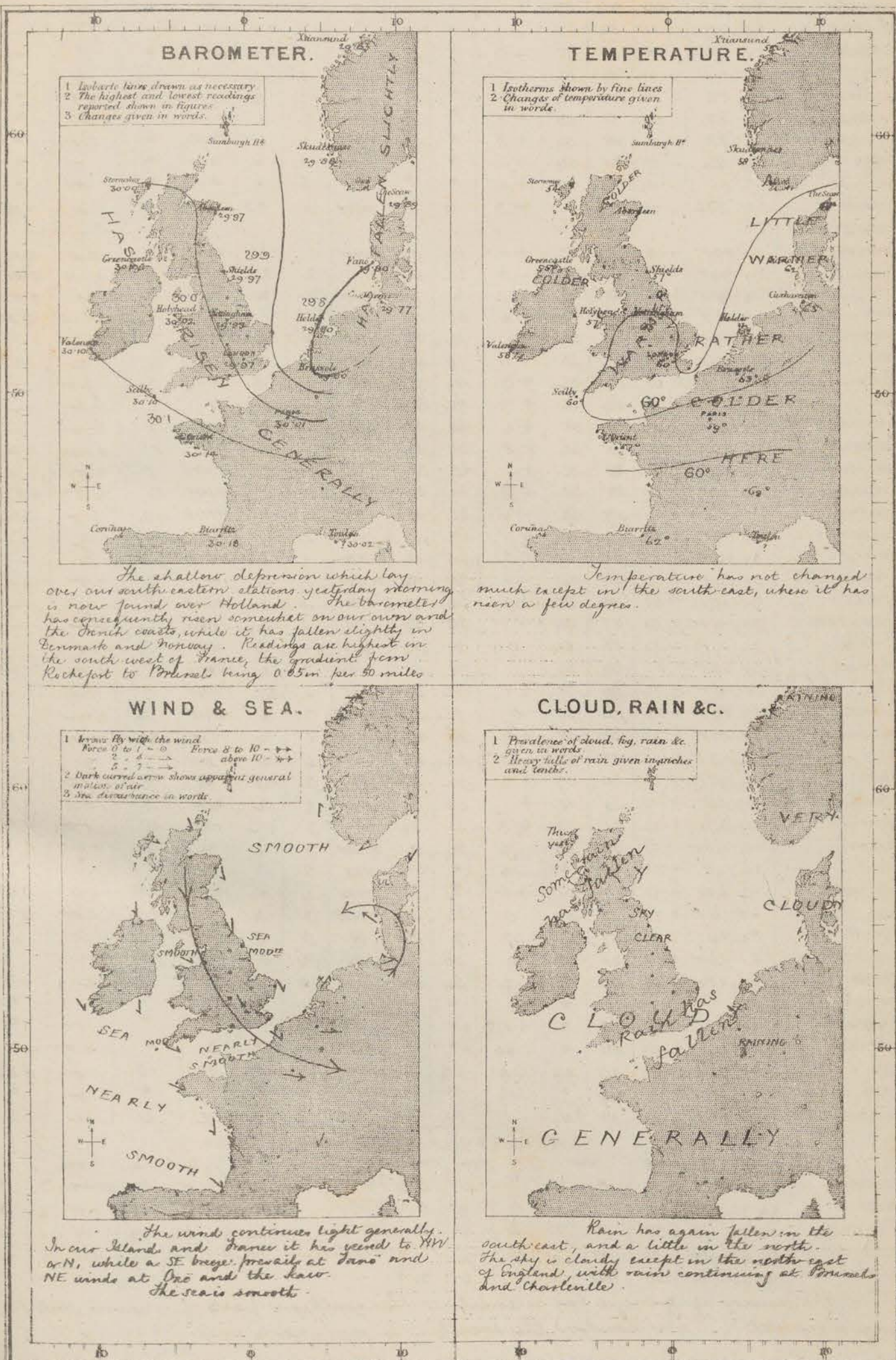
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS

AND REMARKS FOR

TUESDAY 1ST JULY 1873 AT 8 A.M.



Subscription for these Charts payable in advance to order delivery.
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by post 3. per quarter

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

Printed by Messrs. J. & W. G. & Co. (London) Ltd.

Wednesday 8 a.m.

WEATHER REPORT. July 2nd

1873.

STATIONS.	BAROMETER		THERMOMETERS (In shade).					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance 0 to 9
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.93	-05	55	52	-4	*	*	NE	2	4	E	*	o	*	*
Hernösand ...	29.98	+11	55	53	-4	*	*	Z	0	0	Z	*	o	*	*
Stockholm ...	29.91	+05	63	56	+6	*	*	Z	0	3	S	*	f	*	*
Wisby ...	30.00	+09	61	55	+5	*	*	S	2	2	W	*	c	*	*
Christiansund ...	29.95	+12	56	53	+1	*	*	W	2	4	W	*	cb	*	2
Skudesnaes ...	29.95	+07	56	-	-2	*	*	WNW	6	6	NNW	*	b	*	2
Oxö (Christiansand)	29.91	+06	55	54	-3	*	*	NNW	2	-	NNW	*	b	*	1
Skagen (The Skaw)	29.93	+04	59	56	-2	*	*	E	6	*	*	*	c	*	*
Fanö ...	29.92	+12	57	55	-5	*	*	N	6	*	*	*	o	*	*
Cuxhaven ...	29.86	+09	59	58	-4	69	?	NW	6	3	N	9	om	0.01	4
Sumburgh Head	29.														
Stornoway (H. brides)	29.90	-30	54	53	0	59	49	SSE	3	3	S	10	co	-	2
Thurso ...	29.82	-12	58	54	+4	59	48	SSE	1	2	WNW	7	oc	-	1
Wick ...	29.87	-11	54	47	-1	60	49	SE	1	3	SE	6	c	-	1
Nairn ...	29.85	-16	61	56	+6	65	54	SW	1	2	NE	6	c	-	0
Aberdeen ...	29.92	-05	55	53	0	63	50	S	1	2	NNW	9	co	-	1
Leith ...	29.94	-05	54	54	-10	69	57	E	2	3	SE	8	cpo	0.02	*
Shields ...	29.99	+02	58	55	+1	62	54	S	1	4	N	8	og	-	2
York ...	30.04	+07	56	55	-3	70	52	SSE	1	2	N	10	co	-	*
Scarborough ...															
Nottingham ...	30.03	+04	65	61	0	76	50	SSW	2	4	NE	7	gm	-	*
Ardrossan ...	29.91	-11	59	57	+1	62	57	S	2	3	SSW	8	co	0.01	3
Greencastle ...	29.86	-18	58	57	+3	60	55	SSE	3	4	ENE	10	cg	0.04	*
Donaghadee ...	29.91	-10	58	56	+1	62	54	SSE	4	4	SSE	10	co	-	1
Kingstown ...	29.95	-11	60	57	+1	66	59	SSE	2	3	SSE	10	gm	-	2
Holyhead	29.96	-06	60	57	+3	67	56	S	3	2	WSW	2	cb	-	2
Liverpool (Bidston Obs)	30.02	-03	60	55	+2	68	56	SE	1	3	W	10	bo	-	2
Valencia ...	29.91	-19	60	59	+2	64	54	SW	4	3	WNW	9	rf	0.38	4
Roche's Point ...	29.94	-11	58	58	+1	67	52	SW	3	3	SW	9	of	0.02	3
Pembroke ...	30.01	-06	59	57	+2	68	56	SSW	1	2	NW	9	bo	-	1
Portishead ...	30.04	+02	58	55	-5	70	57	S	3	4	NW	10	co	-	3
Scilly ...	30.05	-05	61	60	+1	67	57	SW	4	4	SW	9	cfr	0.01	3
Plymouth ...	30.05	-01	61	60	-1	71	58	WSW	3	4	WSW	10	cf	0.02	*
Portsmouth ...	30.07	+06	62	59	-1	71	56	SW	1	4	WSW	5	c	-	1
Dover ...	30.06	+13	62	59	+5	68	57	SW	2	3	SW	2	gb	-	1
London ...	30.04	+07	63	60	+3	72	54	S	1	2	W	2	bmb	-	*
Oxford ...	30.04	+04	63	58	+3	71	54	S	1	3	NW	5	c	-	*
Cambridge ...	30.05	+08	62	59	+1	72	52	SSW	1	1	N	10	co	-	*
Yarmouth ...	30.07	+17	58	56	+1	64	55	SSE	3	3	N	7	bc	-	2
Helder ...	30.04	+24	56	*	-6	*	*	NW	4	*	*	*	*	*	2
Cape Gris Nez ...	30.06	+13	58	56	-5	65	56	SW	4	3	W	8	o	-	3
Brest ...	30.12	-02	59	59	+2	65	54	SW	4	4	W	10	o	-	3
L'Orient ...	30.14	00	61	59	+4	71	57	Z	0	5	WNW	8	co	-	1
Rocheport ...	30.21	+05	63	58	0	68	57	SW	1	5	NW	10	co	-	3
Biarritz ...	30.17	-01	61	59	-1	68	60	E	3	4	NW	8	co	-	4
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Charleville ...	30.09	+17	57	*	+1	*	*	SW	1	*	*	*	c	*	*
Paris ...	30.13	+12	58	58	-1	69	55	WNW	4	7	W	10	o	-	*
Lyons ...	30.21	+03	66	*	-3	*	*	N	3	*	*	*	b	*	*
Toulon ...	30.01	-01	73	66	?	78	62	Z	0	7	W	0	b	-	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sec.		Bar.	Dry.	Wet.	Wind.	C.	Wet.	Sec.
Skudesnaes ...	29.89	57	54	NNW	6	*	3	Valencia ...	30.10	61	56	WNW	3	4	c
Thurso ...	29.99	56	49	WNW	1	6	2	Scilly ...	30.11	65	61	WSW	1	4	c
Scarborough ...	30.02	60	56	NNW	3	3	2	London ...	30.01	68	62	WNW	1	8	mc
Greencastle ...	30.05	59	54	E	3	2	*	Rocheport ...	30.21	64	57	NW	5	10	o
Holyhead ...	30.04	65	58	WSW	2	6	1								

No important 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. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, taken at 8 p.m.

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

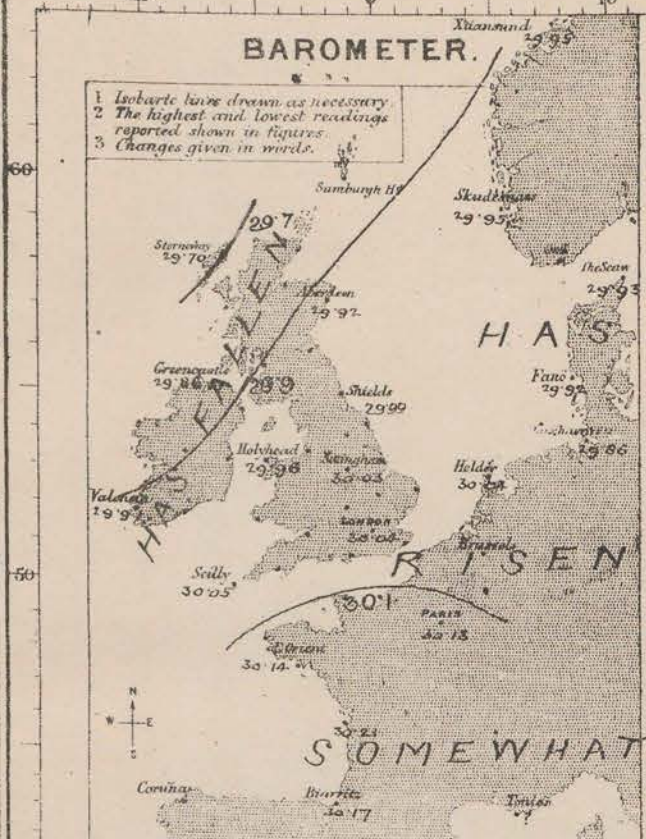
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 2ND JULY 1873 AT 8 A.M.

BAROMETER.

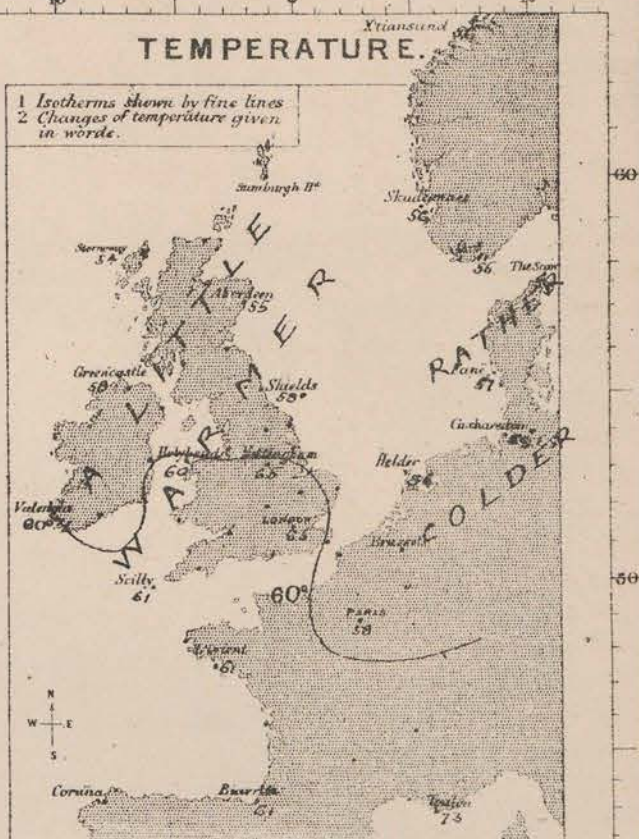
- 1 Isobars have been drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



A decrease of pressure has taken place at our western and northern stations since yesterday, accompanied by a slight increase in the south as well as at the Continental stations. The fall has been brisk on our north west coast in the night, and from Liverpool to Newcastle there is a gradient of nearly 0.05 in. per 50 miles.

TEMPERATURE.

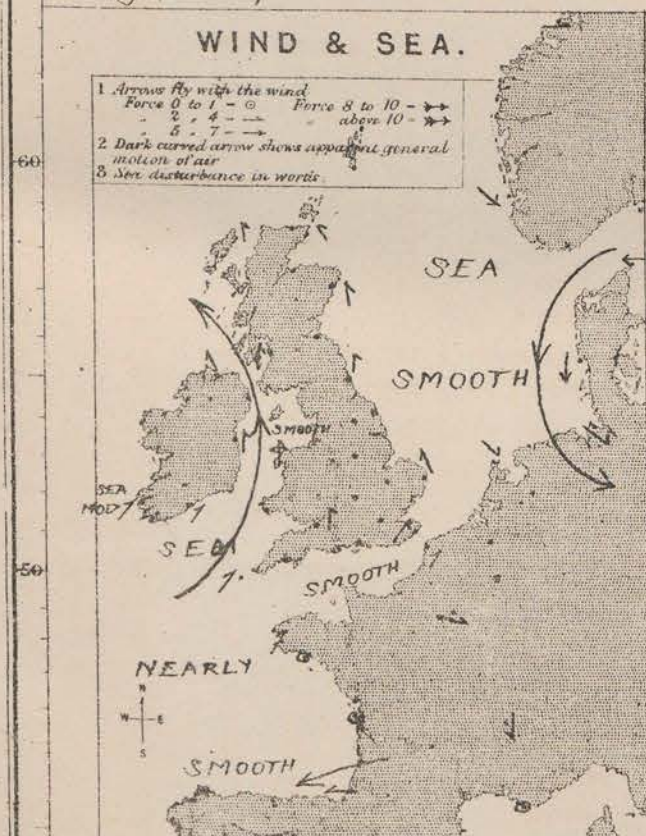
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen a little at our western and northern stations, but fallen a few degrees on the eastern shores by the North Sea.

WIND & SEA.

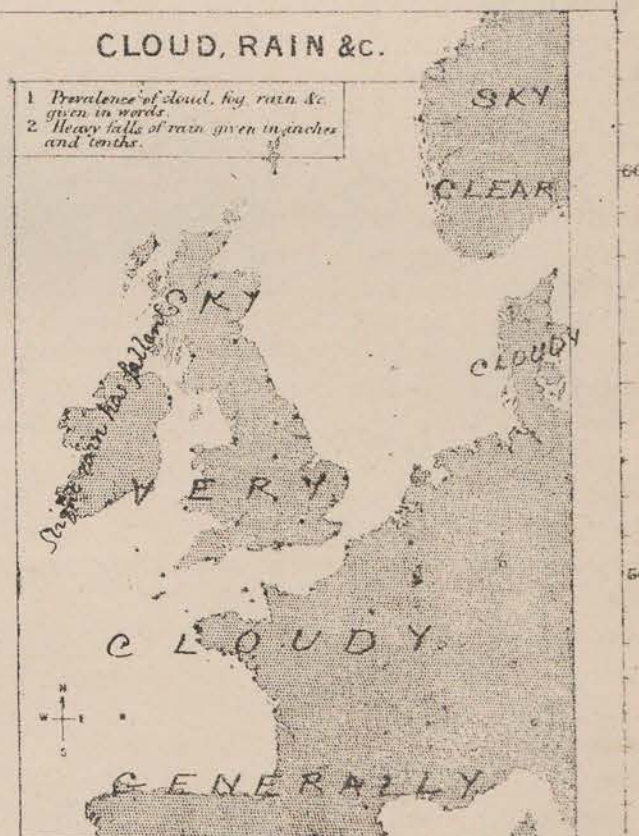
- 1 Arrows fly with the wind
Force 0 to 1 - 0
2 - 4 - 1
5 - 7 - 2
Force 8 to 10 - 3
above 10 - 4
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Light S^W winds have set in over the British Islands and Oranoe, while on the west coast of Denmark fresh N to NW winds are reported, and a fresh E breeze at the Scaw. The sea is moderate to smooth.

CLOUD, RAIN &c.

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



A little rain has fallen at some of the western stations. The sky is very cloudy generally.

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

Vincent Brooks, Engraver, 11, Abchurch Lane, London, E.C.

Thursday 8 a.m.

WEATHER REPORT.

July 3rd 1873.

STATIONS.	BAROMETER		THERMOMETERS (in shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- ance 0 to 5
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)	Dirce.				
Haparanda ...	30.18	+25	58	52	+3	*	*	NW	?	2	NE	*	?	*	*
Hernösand ...	30.15	+17	60	57	+5	*	*	NE	2	?	?	*	6	*	*
Stockholm ...	?					*	*					*		*	*
Wisby ...	30.01	+01	57	55	-4	*	*	NE	2	2	NE	*	co	*	*
Christiansund ...	30.01	+06	60	54	+4	*	*	ENE	4	2	E	*	c	*	?
Skudesnaes ...	30.23	+28	58	55	+2	*	*	ENE	2	4	WNW	*	c	*	2
Oxö (Christiansund)	30.03	+12	59	56	+4	*	*	N	2	2	W	*	bo	*	1
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	30.06r	+20	56	55	-3	?	53	NW	3	5	NNW	9	o	-	0
Sumburgh Head	?														
Stornoway (Hebrides)	29.47f	-23	57	56	+3	60	53	S	5	5	S	8	ow	0.01	5
Thurso ...	29.58f	-24	61	58	+3	67	52	SE	5	4	SSE	5	gc	-	3
Wick ...	29.65f	-22	56	55	+2	64	57	S	3	3	S	8	o	-	2
Nairn ...	29.61f	-24	64	59	+3	65	57	SSW	1	1	NW	7	oc	0.07	1
Aberdeen ...	29.72f	-20	63	60	+8	63	52	S	2	2	S	9	co	-	1
Leith ...	29.69f	-25	63	61	+9	72	54	S	2	2	SW	7	opc	0.01	*
Shields ...	29.81f	-18	61	60	+3	64	57	S	3	3	SSW	9	mr	0.02	1
York ...	29.87f	-17	62	59	+6	70	55	SSE	2	2	SSE	9	op	0.02	*
Scarborough ...															
Nottingham ...	29.89f	-14	64	60	-1	73	56	SSW	4	4	SSW	8	g	0.02	*
Ardrossan ...	29.62f	-29	60	57	+1	64	59	S	6	6	S	8	g	0.04	5
Greencastle ...	29.49f	-37	57	56	-1	65	57	SSW	5	5	SSW	10	cp	0.12	*
Donaghadee ...	29.58f	-33	56	56	-2	64	54	SSE	4	7	SSE	10	o	0.04	5
Kingstown ...	29.63f	-32	61	58	+1	70	59	S	5	4	SSE	10	o	-	3
Holyhead ...	29.69f	-27	64	58	+4	64	57	S	5	6	SSW	10	fr	0.12	3
Liverpool (Bidston Obs.)	29.82f	-20	61	58	+1	68	60	SE	3	4	SE	10	o	-	2
Valencia ...	29.60f	-31	55	53	-5	65	53	WSW	3	6	SSW	4	rc	?	1
Roche's Point ...	29.57f	-37	55	54	-3	64	55	W	3	6	SSW	9	fo	0.18	4
Pembroke ...	29.75f	-26	58	57	-1	64	57	S	7	7	S	10	fr	0.07	3
Portishead ...	29.88f	-16	61	58	+3	70	55	SSW	5	5	SSW	10	bu	0.01	3
Seilly ...	29.79f	-16	60	59	-1	66	59	SSW	6	6	SSW	9	or	0.02	5
Plymouth ...	29.90f	-15	60	60	-1	67	58	S	3	4	SSW	10	d	0.05	*
Portsmouth ...	29.96f	-11	63	61	+1	68	57	SSW	2	4	SW	4	c	-	2
Dever ...	30.03f	-03	64	61	+2	65	57	SW	2	4	WSW	2	cb	-	2
London ...	29.98f	-06	66	62	+3	74	58	SSW	2	3	SW	9	co	-	*
Oxford ...	29.93	-11	63	59	0	70	58	S	3	3	S	10	o	-	*
Cambridge ...	29.91f	-14	67	61	+5	72	60	S	1	1	SW	10	co	-	*
Yarmouth ...	29.99f	-08	63	62	+5	64	56	SSW	2	4	S	4	oc	-	2
Helder ...	30.04	00	63	*	+7	*	*	SSE	2	*	*	*	*	*	?
Cape Gris Nez ...	30.02f	-04	62	58	+4	64	55	SW	3	4	SW	6	c	-	1
Brest ...	29.95f	-17	61	61	+2	65	55	S	5	5	S	10	o	0.04	3
L'Orient ...	30.00f	-14	63	61	+2	73	58	S	4	3	WSW	4	c	-	2
Rochefort ...	30.06f	-15	67	58	+4	71	64	ESE	4	5	NW	0	cb	-	3
Biarritz ...	29.97f	-20	64	60	+3	69	57	E	4	4	NE	0	cb	-	3
Corunna ...			*	*		*	*					*	*	*	*
Brussels ...	30.07	?	68	*	?	*	*	WSW	3	*	*	*	o	*	*
Charleville ...	30.12	+03	61	*	+4	*	*	W	2	*	*	*	6	*	*
Paris ...															*
Lyons ...	30.18	-03	69	*	+3	*	*	N	2	*	*	*	6	*	*
Toulon ...	30.06r	+05	67	65	-6	81	65	E	3	7	WNW	7	bf	-	4

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

	Bar.	Dry.	Wet.	Wind	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind	C.	Wea.	
Skudesnaes ...	30.00	56	52	WNW	4	*	6	2	Valencia ...	29.86	62	61	SSW	5	8
Thurso ...	29.80	64	58	SSE	2	7	c	2	Seilly ...	30.05	65	62	SW	4	8
Scarborough...									London ...	30.05	70	66	S	2	8
Greencastle ...	29.80	64	61	SSW	2	7	c	*	Rochefort ...	30.21	68	61	NW	4	5
Holyhead ...	29.94	60	58	SSW	3	10	m	2							

Pressure has decreased slightly at all stations except Rochefort and London; but no other change of importance is reported.

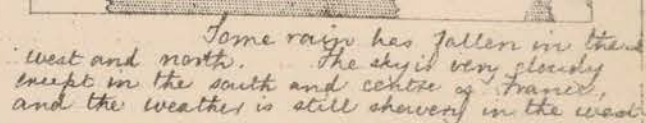
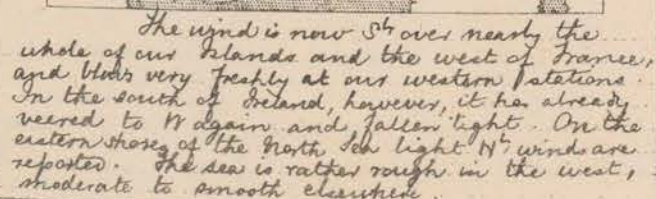
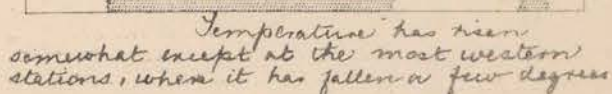
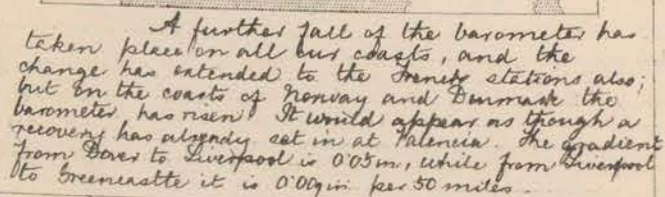
EXPLANATION OF COLUMNS.

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

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

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

THURSDAY 3RD JULY 1873 AT 8 A.M.



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

Vincent Brooks 1. 1874-1880, 1881-1882, 1883-1884, 1885-1886, 1887-1888, 1889-1890, 1891-1892, 1893-1894, 1895-1896, 1897-1898, 1899-1900, 1901-1902, 1903-1904, 1905-1906, 1907-1908, 1909-1910, 1911-1912, 1913-1914, 1915-1916, 1917-1918, 1919-1920, 1921-1922, 1923-1924, 1925-1926, 1927-1928, 1929-1930, 1931-1932, 1933-1934, 1935-1936, 1937-1938, 1939-1940, 1941-1942, 1943-1944, 1945-1946, 1947-1948, 1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2

Fri. day 8 a.m.

WEATHER REPORT. July 4th 1873.

STATIONS	BAROMETER.		THERMOMETERS (in shade)					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dist. and 0 to
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	30.14	-.04	66	61	+8	*	*	W	1	1	W	*	?	*	*
Hernösand ...	30.09	-.06	59	53	-1	*	*	NE	4	0	Z	*	b	*	*
Stockholm ...	29.97	?	58	53	?	*	*	W	4	?	NNE	*	c	*	*
Wisby ...	29.96	-.05	56	53	-1	*	*	NE	2	2	NE	*	co	*	*
Christiansund ...	29.89	-.12	69	58	+9	*	*	ESE	2	0	Z	*	c	*	0
Skudesnaes ...	29.84	?	63	59	+5	*	*	E	4	6	SSW	*	bc	*	4
Oxö (Swansand) ...	29.91	-.12	62	59	+3	*	*	NNE	4	2	E	*	bc	*	2
Skagen (The Skaw) ...	29.98	-.07	63	61	0	*	*	SE	2	*	*	*	o	*	*
Fanö ...	29.95	-.13	63	61	+7	*	*	E	6	*	*	*	c	*	*
Cuxhaven ...	29.87f	-.19	65	63	+9	74	?	SE	3	3	NE	5	c	—	0
Sumburgh Head ...	29.54f	-.24	52	52	0	52	48	ESE	4	6	ESE	10	rf	0.41	4
Stornoway (Hebrides) ...	29.47f	.00	57	53	0	60	42	SE	2	?	?	2	pb	0.19	2
Thurso ...	29.57s	-.07	57	53	-4	65	49	SSE	2	7	SE	2	gb	0.08	1
Wick ...	29.56f	-.09	54	53	-2	60	50	S	3	5	S	4	rc	0.21	2
Nairn ...	29.53f	-.08	63	57	-1	67	48	SSW	1	1	SSW	1	ob	0.01	0
Aberdeen ...	29.57f	-.15	57	53	-6	763	52	S	1	4	S	1	rb	0.42	1
Leith ...	29.58f	-.11	61	56	-2	68	45	SW	3	2	SW	3	cpb	0.05	*
Shields ...	29.63f	-.18	58	54	-3	66	53	S	2	6	S	4	oc	0.29	2
York ...	29.67f	-.20	59	53	-3	67	52	W	1	4	SSE	4	pc	0.29	*
Scarborough ...															
Nottingham ...	29.70f	-.19	60	58	-4	75	53	W	3	6	S	3	tr	1.43	*
Ardrossan ...	29.52f	-.08	58	54	-2	61	52	S	4	7	S	7	oc	0.23	4
Greencastle ...	29.45f	-.04	56	53	-1	64	54	S	5	5	S	9	co	0.04	*
Donaghadee ...	29.57f	-.07	57	53	+1	59	49	SSE	5	7	SSE	6	c	0.04	3
Kingstown ...	29.57f	-.06	58	52	-3	66	55	SW	3	5	S	9	po	0.10	3
Holyhead ...	29.59f	-.10	58	53	-6	764	53	SSW	4	5	S	5	rc	0.13	3
Liverpool (Bidston Obs.) ...	29.68f	-.14	60	54	-1	66	48	S	1	4	SW	7	oc	0.36	2
Valencia ...	29.62f	+0.02	56	52	+1	65	52	WNW	4	5	WSW	3	p	0.29	4
Roche's Point ...	29.58f	+0.01	52	50	-3	66	50	W	3	4	SW	3	cpb	0.07	4
Pembroke ...	29.66f	-.09	58	53	0	62	55	SSW	4	7	SSW	8	q/p	0.54	3
Portishead ...	29.73f	-.15	62	58	+1	65	48	W	4	6	SSW	5	pc	0.25	4
Seilly ...	29.75f	-.04	59	57	-1	63	55	WSW	5	0	SSW	6	oc	0.53	3
Plymouth ...	29.76f	-.14	59	57	-1	62	48	SW	3	4	S	10	rm	0.25	*
Portsmouth ...	29.78f	-.18	63	57	0	71	57	WSW	4	3	S	5	c	—	3
Dover ...	29.70f	-.33	63	61	-1	70	61	SW	3	2	S	3	b	—	2
London ...	29.72f	-.26	61	54	-5	75	57	WNW	3	3	SSW	7	plc	—	*
Oxford ...	29.75f	-.18	58	54	-5	71	52	WSW	2	4	W	3	ob	0.01	*
Cambridge ...	29.70f	-.21	60	55	-7	75	58	W	1	2	S	10	wlo	0.14	*
Yarmouth ...	29.66f	-.33	65	63	+2	70	59	WSW	3	4	S	4	b/p	0.11	2
Helder ...	29.70	-.34	66	*	+3	*	*	SSE	3	*	*	*	*	*	?
Cape Gris Nez ...	29.74f	-.28	59	59	-3	73	59	SW	3	3	SW	10	cr	0.04	2
Brest ...	29.86f	-.09	60	58	-1	64	52	WSW	4	5	S	10	o	—	4
L'Orient ...	29.91f	-.09	60	56	-3	73	56	WSW	3	4	S	9	co	0.04	2
Rochefort ...	30.00f	-.06	67	47	0	71	57	WNW	5	4	ESE	10	co	—	3
Biarritz ...	30.01f	+0.04	68	64	+4	89	64	NW	6	4	SW	9	o	—	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.71	-.36	71	*	+3	*	*	SSE	3	*	*	*	o	*	*
Charleville ...	29.84	-.28	66	*	+5	*	*	SW	3	*	*	*	c	*	*
Paris ...	29.82f	-.26	67	67	+1	77	63	WNW	5	5	SSE	10	o	—	*
Lyons ...	30.04	-.14	71	*	+2	*	*	S	3	*	*	*	c	*	*
Toulon ...	30.06f	.00	71	67	+4	84	63	Z	0	4	W	2	bc	—	3

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

	Bar	Dry	Wet	Wind		C.	Wea	Sea		Bar	Dry.	Wet	Wind		C.	Wea
Skudesnaes ...	30.15	61	57	SSW	6	*	c	2	Valencia ...	29.62	61	55	WSW	4	2	b
Thurso ...	29.53	64	59	SE	6	8	g	3	Seilly ...	29.75	58	57	SSW	5	10	r
Scarborough...									London ...	29.91	72	66	SSW	2	8	c
Greencastle ...	29.57	64	58	WSW	1	6	c	*	Rochefort ...	30.02	68	46	ESE	3	0	b
Holyhead ...	29.67	58	56	S	5	10	d	3								

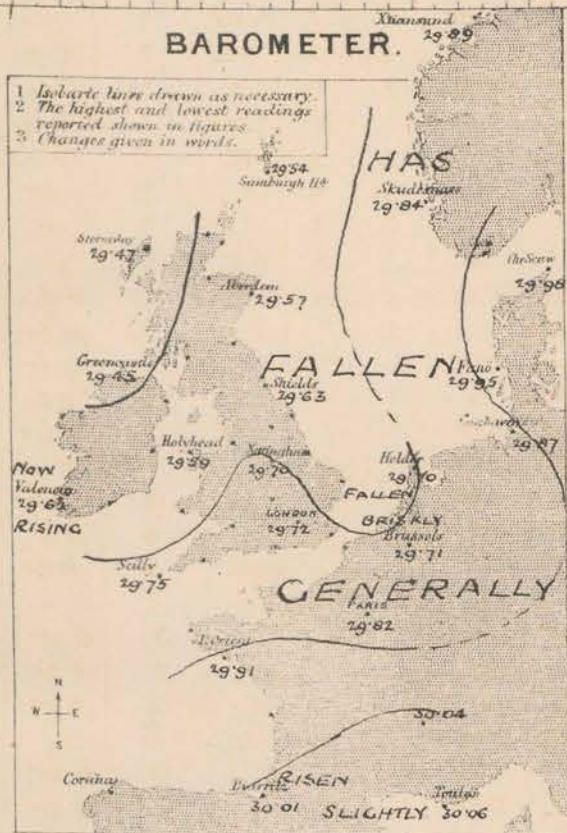
The barometer has risen slightly in Ireland, but continued falling elsewhere. Temperature has decreased at Holyhead and Seilly, where rain is falling, but beyond this scarcely any change is reported.

EXPLANATION OF COLUMNS.

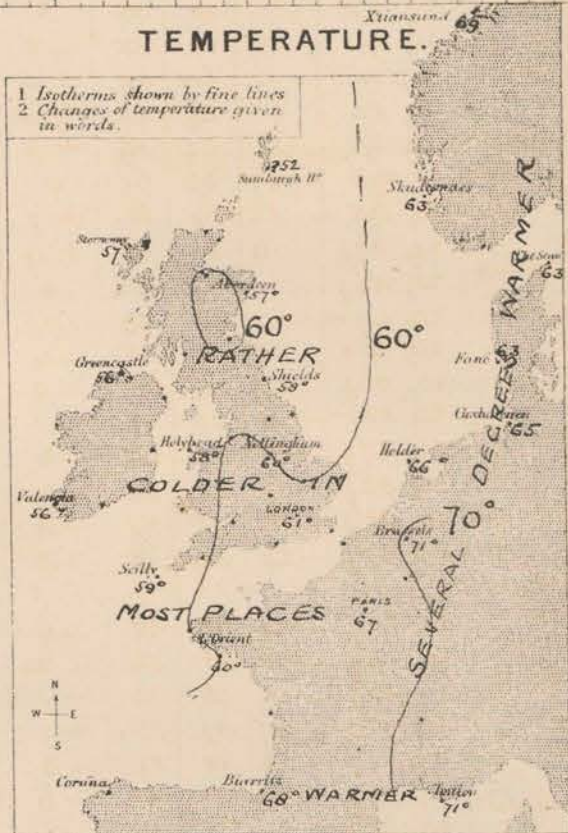
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h.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

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

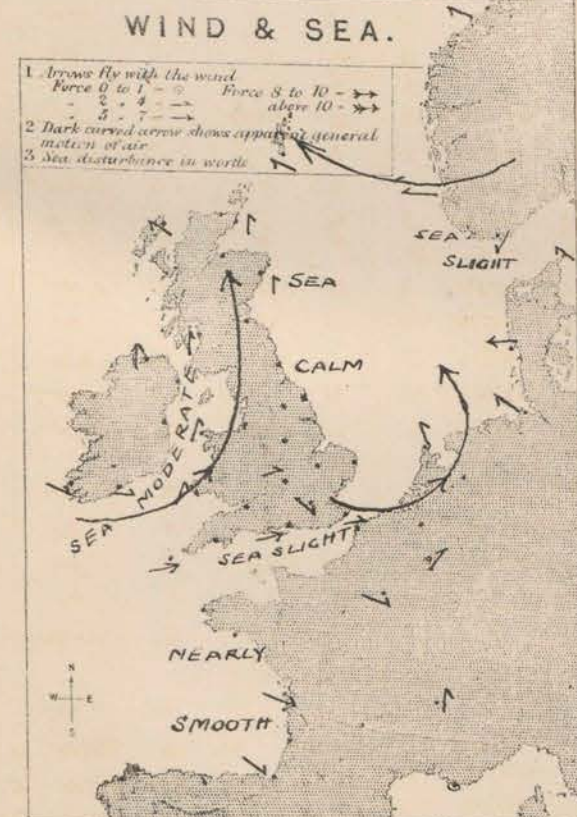
WEATHER CHARTS
AND REMARKS FOR
FRIDAY 4TH JULY 1873 AT 8 A.M.



Since yesterday morning the barometer has fallen somewhat at almost all stations - most on our south eastern coasts, where the change exceeds 0.3 in, and a slight local depression has shown itself. The highest readings are found in the south of France and the lowest off our north west coasts, while the gradient from 20° East to Roches Pt is 0.05 in per 50 miles.



Temperature has increased several degrees on the eastern shores of the North Sea, as well as in the east of France, but fallen over the greater part of our islands.



The winds are very variable: A moderate S^e breeze prevails at most of our western stations, light W^e winds in France, the south of Ireland and central England - while E^e to N^e winds are blowing in Norway and Denmark. The sea is moderate to smooth.



Some rain has fallen at nearly all our own and the French stations. Thunder has occurred at Nottingham, lightning in London. The sky is still very cloudy in Ireland and France, clear generally elsewhere.

Subscriptions for these Charts payable in advance
to cover delivery
Delivery by hand 10/- per quarter
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Meteorological Office
116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Robert Brooks Laydon, Esq. (born 1871)

Saturday day 8 a.m.

WEATHER REPORT.

July 5th

1873.

STATIONS.	BAROMETER		THERMOMETERS (In shade).				WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb. and 0 to 1	
	At 8 A.M. Reduced to 32° F at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change to 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 ...						*	*					*		*	*
Hernösand ...	29.94	-15	63	55	+4	*	*	NE	2	0	2	*	b	*	*
Stockholm ...	29.83	-14	68	67	+10	*	*	E	2	2	E	*	b	*	*
Wisby ...	29.79	-17	63	60	+7	*	*	SSE	4	2	NNE	*	cb	*	*
Christiansund ...	29.71	-18	70	59	+1	*	*	ESE	4	2	ENE	*	b	*	1
Skudesnaes ...	29.65	-19	63	58	0	*	*	ENE	2	4	ESE	*	c	*	2
Oxö (X'iansund)	29.60	-31	58	55	-4	*	*	SE	6	6	NE	*	a	*	4
Skagen (The Skaw)	29.71	-27	61	59	-2	*	*	S	6	*	*	*	a	*	*
Fanö ...	29.80	-15	59	56	-4	*	*	SW	6	*	*	*	c	*	*
Cuxhaven ...	29.83r	-04	60	57	-5	73	?	WSW	5	6	NNW	3	rb	0.11	3
Sumburgh Head	29.60f	+06	52	52	0	54	50	E	3	3	E	10	rf	0.44	4
Stornoway (Hebrides)	29.67r	+20	59	58	+2	64	46	S	1	2	SW	3	b	-	2
Thurso ...	29.65r	+14	56	53	-1	65	45	WNW	2	3	SE	5	mc	-	3
Wick ...	29.68f	+12	57	55	+3	60	46	W	2	3	SE	6	c	-	0
Nairn ...	29.70f	+17	60	54	-3	65	57	W	1	1	SSW	1	cb	-	1
Aberdeen ...	29.68r	+11	60	54	+3	62	49	N	1	2	SSE	3	bc	-	1
Leith ...	29.74r	+16	61	57	0	69	48	NE	2	3	SW	4	c	-	*
Shields ...	29.76r	+13	57	54	-1	65	50	SSW	2	4	WSW	3	b	-	1
York ...	29.81r	+14	57	53	-2	68	45	S	1	3	SW	6	bc	0.07	*
Scarborough ...															
Nottingham ...	29.84r	+14	61	57	+1	67	44	SSE	3	5	W	10	ptw	0.05	*
Ardrossan ...	29.72r	+18	58	53	0	63	44	E	2	4	S	5	c	-	1
Greencastle ...	29.64f	+19	60	54	+4	60	57	ESE	1	6	WSW	3	cb	-	*
Donaghadee ...	29.69r	+18	57	55	0	67	48	SSE	4	5	SSE	6	c	-	3
Kingstown ...	29.66f	+09	57	55	-1	65	53	SE	5	5	WSW	10	cm	0.03	3
Holyhead ...	29.68f	+09	56	55	-2	63	54	S	3	5	SSW	7	rd	0.11	2
Liverpool (Bidston Obs.)	29.80r	+12	54	51	-6	63	47	ESE	2	5	W	10	cr	0.30	2
Valencia ...	29.56f	-06	60	57	+4	63	53	SSW	2	3	W	7	c	-	3
Roche's Point ...	29.57f	-07	61	60	+9	68	52	WSW	1	3	SW	9	mo	0.09	3
Pembroke ...	29.62f	-04	55	55	-3	63	54	SE	6	6	SE	10	br	0.01	5
Portishead ...	29.74f	+01	57	55	-5	68	45	SSW	4	7	W	8	w	0.21	4
Scilly ...	29.66f	-09	60	59	+1	68	53	WSW	6	6	WSW	9	cp	0.23	6
Plymouth ...	29.71f	-05	60	56	+1	67	55	S	5	6	S	10	rw	0.23	*
Portsmouth ...	29.83f	+05	58	57	-5	68	58	SW	4	6	WSW	9	gco	0.01	4
Dover ...	29.91r	+21	61	59	-2	69	56	SW	2	4	WSW	4	bc	-	1
London ...	29.87r	+15	59	57	-2	72	57	S	3	4	W	10	pcr	0.10	*
Oxford ...	29.82f	+09	58	57	0	70	47	SE	2	4	SW	10	cr	0.13	*
Cambridge ...	29.88r	+16	61	56	+1	70	46	S	2	2	SW	4	tpc	0.03	*
Yarmouth ...	29.89r	+23	60	57	-5	69	50	S	3	5	WNW	3	pgb	0.05	1
Helder ...	29.89	+19	60	*	-6	*	*	WSW	4	*	*	*	*	*	2
Cape Gris Nez ...	29.92r	+18	60	56	+1	63	57	SW	3	7	W	6	bc	-	2
Brest ...	29.76f	-10	60	60	0	66	57	?SW	5	5	?SW	10	mo	0.24	4
L'Orient ...	29.86f	-05	62	56	+2	70	59	SW	5	5	SW	10	f	-	4
Rochefort ...	30.00f	00	68	63	+1	90	64	SW	4	7	SW	10	tho	0.04	3
Biarritz ...	29.96f	-05	69	65	+1	70	66	E	3	4	N	3	c	-	4
Cornuna ...						*	*					*		*	*
Brussels ...	29.95	+24	63	*	-8	*	*	WSW	1	*	*	*	b	*	*
Charleville ...	29.98	+14	62	*	-4	*	*	WSW	2	*	*	*	c	*	*
Paris ...	29.97r	+15	61	61	-6	69	57	SSE	4	5	W	10	a	-	*
Lyons ...	30.10	+06	73	*	+2	*	*	NE	1	*	*	*	a	*	*
Toulon ...	30.00f	-06	72	65	+1	79	64	W	1	3	SW	6	f	-	3

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

	Bar	Dry.	Wet.	Wind	C.	Wen	Sea		Bar	Dry.	Wet.	Wind	C.	Wen		
Skudesnaes ...	29.73	65	59	S	6	*	c	5	Valencia ...	29.71	61	56	W	3	4	c
Thurso ...	29.57	65	58	SSE	3	4	c	2	Scilly ...	29.83	64	60	WSW	5	5	c
Scarborough...									London ...	29.77	67	62	W	3	10	c/p
Greencastle ...	29.57	55	52	WSW	6	7	c	*	Rochefort ...	30.05	72	63	NW	5	10	o
Holyhead ...	29.66	59	54	SW	5	6	p	3								

The barometer has risen slightly except in the north and north-east mostly at Greencastle, where the wind has veered to WSW.

EXPLANATION OF COLUMNS

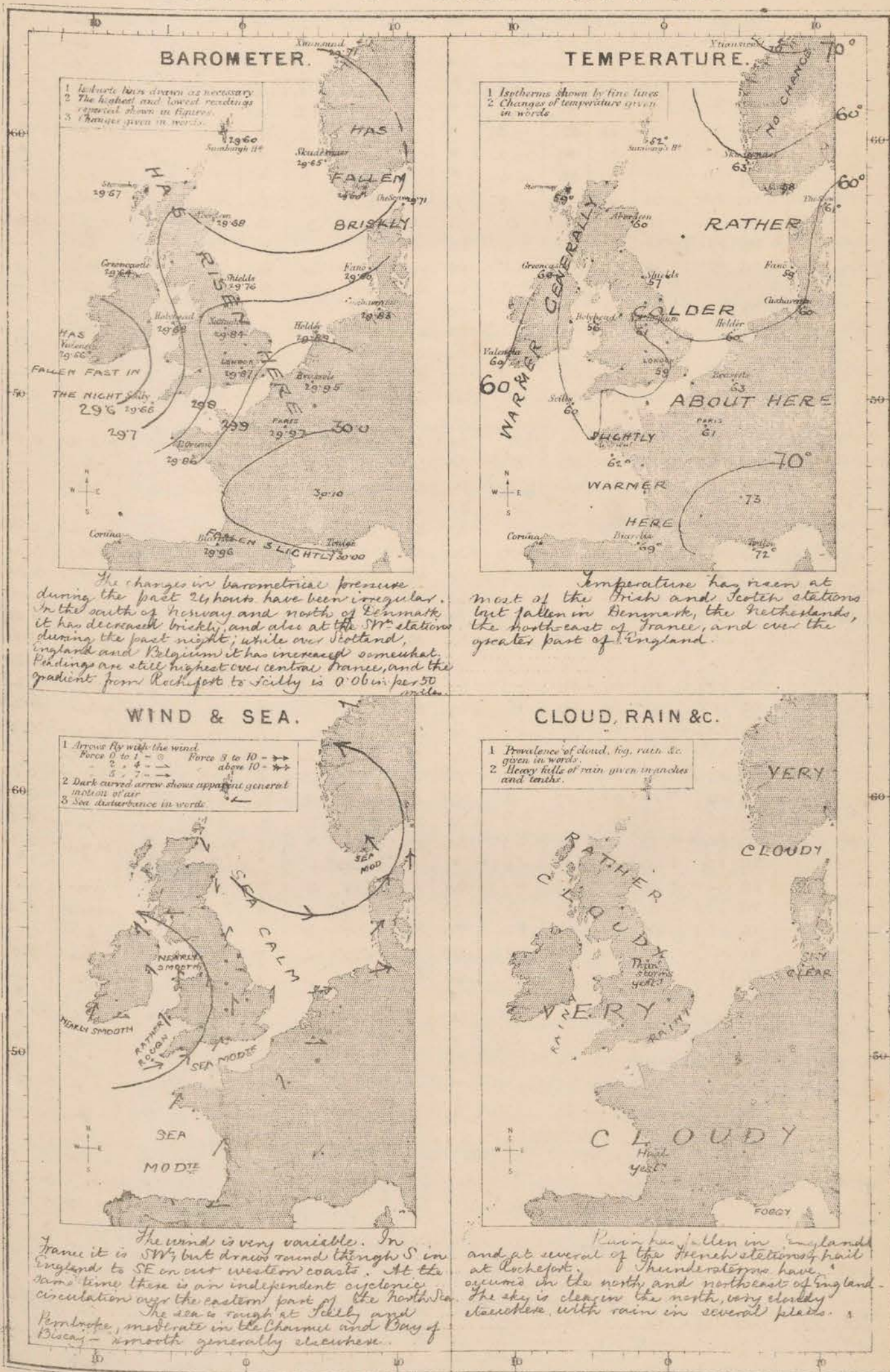
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind; taken at 8 p.m.

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

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 5TH JULY 1873 AT 8 A.M.



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

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

ROBERT H. SCOTT, Director.

SUMMARY OF WEATHER IN WESTERN EUROPE

from 9TH JUNE to 5TH JULY 1873.

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

During the early part of the week we were under the influence of several small shallow depressions which crossed our Islands - chiefly in an E^{ly} direction. These disturbances while insufficient to cause much wind nevertheless carried with them their distinct circulations of lighter breezes, producing large quantities of clouds, and (notably on the 29th and 30th) a great deal of rain with thunder and lightning in many parts of England. Since the 2nd Inst, however, a change has occurred, and depressions apparently of a larger size have been found on our western and northern coasts, which travelling N^W have produced fresh SE to SW winds at the western stations, with showery cloudy weather. In the night of the 3rd, and on the 4th a local depression was felt in the south when thunder, lightning and rain were registered in that region, but at the close of the week we find the series of depressions passing along our western coasts is still the prevailing feature, so that the weather is not yet of a settled character.

29TH JUNE The barometer had risen at all but the south-western stations, where it had fallen about a quarter of an inch. Although readings were, on the whole, moderately uniform yet a slight anticyclone with readings exceeding 30.1 in lay between the English and Dutch coasts, while two very shallow depressions were found - one over the north-east of Ireland, and the other off the north-west coast of France. Under these circumstances the winds could but be very variable - chiefly SE^{ly} in the east and south of England, but varying from NE to NW in Norway and Denmark. At first temperature rose very quickly in England, 82° being reached at Nottingham and London in the morning; but during the day the two depressions advanced E^{ward}, clouds increased very much, and heavy rain, thunder, and lightning occurred over the greater part of the country. Half an inch of rain fell at Nottingham, three-quarters of an inch in London, 1.20 at Oxford, and 1.76 in at Ross in Herefordshire.

30TH JUNE The south-western depression noticed yesterday now lay over the south-eastern stations, where the mercury had fallen 0.4 in. The barometer was rising in the west and north, while it was falling over the North Sea. Temperature had decreased very considerably over central England and in Wales elsewhere, and even rose in Denmark. The prevailing wind over Ireland, England and the west of France was NW^{ly}, while in the neighbourhood of Belgium, N to S^{ly} breezes were reported, drawing round to SE over the southern and south-eastern parts of the North Sea. The weather was very cloudy except in the west, and later in the day rain again fell in the north, and still more in the south-east.

JULY The easterly progress made by the disturbance mentioned above had been very slight, and at 8 a.m. its centre lay over Holland; so that while the mercury had fallen slightly on the eastern shores of the North Sea it had risen a little throughout the British Isles and France. Light N^W and NW breezes prevailed in all parts of these Islands and France, W^W winds in Belgium, SE^W in Denmark, and NE^W in the Skager Rack. The weather was still generally cloudy, though less so than of late, but later in the day the sky became much clearer.

JULY A very considerable change had occurred, temporarily reversing the general conditions of wind and pressure on our coasts. The disturbance recently noticed had crossed Denmark, its western borders being just traceable by the N^W to NW^W winds and reduced temperature reported from the south-eastern shores of the North Sea. In our Islands, however, the recent recovery of pressure was succeeded by a rather sudden diminution in the north-west and west, so that S^W breezes were again prevailing throughout the United Kingdom, with warmer weather. In France (where the region of highest pressure was found) calms and variable air prevailed. A little rain had fallen in the west; the weather was very cloudy in most places, with fog on our south-western coasts.

JULY A further reduction of pressure had occurred in the west and north-west, where the gradients for S^W winds began to be steep, and the change had now made itself felt on all coasts—except those of Norway, Denmark and Holland. The S^W breeze had increased considerably—especially at the more western stations, and the sky was very cloudy—with the exception of that in the south of France—while showery weather was experienced in the west and north of our Islands. In the south of Ireland however the wind had already veered to W, and moderated.

JULY Barometrical readings were still highest in the south of France, and lowest on our north-west coasts, but the disturbed weather recently prevailing there was apparently moving NW^W. The barometer was consequently rising in the south-west, but had fallen elsewhere—chiefly on our south-east coasts, where an additional slight depression showed itself. This had been accompanied during the night by some rain, and thunder, with a good deal of lightning in our SE^W counties. The S^W breeze was still prevailing in the north-west, but at the SW^W and S^W stations the wind was more W^W, while an E^W wind blew on the coast of Denmark. The weather became warmer on the E^W shores of the North Sea, colder in our Island and France.

JULY A rise of the barometer over the north and east of S^W Britain as well as in the Netherlands and east of France had been accompanied by a rather brisk fall in Norway and also in the south of Ireland. A very large shallow depression lay over the north of Scotland and south of Norway, while a second (smaller) one was advancing on our SW coasts—the region of maximum pressures being over the south and centre of France. Under these circumstances S^W and SE^W breezes and rain were restored in the United Kingdom, blowing freshly in St. George's Channel with moderate SW winds in the north-west of France. Over the North Sea an entirely distinct circulation was noticed so that while very light N to NW breezes and fine weather were experienced on the east coast of Scotland, the winds were very fresh in Denmark and the Skager Rack, from points between SW and SE with cloudy skies.

ROBERT H. SCOTT, Director.

Meteorological Office.

Sunday 8 a.m.

WEATHER REPORT. July 6th

1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.
	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 ...	29.97	?	65	58	?	*	*	S	4	1	W	*	b	*
Hernösand ...	29.90	-04	64	55	+1	*	*	NE	2	0	Z	*	b	*
Stockholm ...	29.87	+04	63	59	-5	*	*	W	4	2	S	*	c	*
Wisby ...	29.88	+09	59	57	-4	*	*	?	2	2	NE	*	c	*
Christiansund ...	29.81	+10	70	61	0	*	*	Z	0	4	ESE	*	cb	*
Skudeanaes ...	29.84	+19	60	57	-3	*	*	SSE	4	0	Z	*	c	*
Oxö (Xtiansand) ...	29.86	+26	63	59	+5	*	*	ESE	2	2	WSW	*	cb	*
Skagen (The skaw) ...	29.93	+22	61	57	0	*	*	NNE	2	*	*	*	c	*
Fanö ...	29.97	+17	58	55	-1	*	*	SE	6	*	*	*	c	*
Cuxhaven ...	29.92	+09	63	60	+3	?	55	SSE	2	6	NW	9	o	-
Sumburgh Head ...	29.56	-04	53	53	+1	56	49	ESE	5	4	SSW	10	2uf	0.07
Stornoway (Hebrides) ...	29.39	-28	57	57	-2	63	53	SW	6	6	SW	6	rdg	0.36
Thurso ...	29.41	-24	60	58	+4	66	52	SSE	3	4	SE	5	mc	0.16
Wick ...	29.53	-13	58	53	+1	65	57	W	2	4	SE	6	c	0.20
Nairn ...	29.48	-22	61	55	+1	66	57	WSW	3	3	NE	0	b	-
Aberdeen ...	29.52	-16	61	59	+1	65	55	SSW	2	3	S	4	bc	0.27
Leith ...	29.64	-10	62	58	+1	73	56	SW	5	3	S	5	c	0.04
Shields ...	29.68	-08	60	52	+3	63	57	W	5	7	W	6	c	-
York ...	29.80	-01	59	55	+2	64	55	W	1	2	S	8	go	0.01
Scarborough ...														
Nottingham ...	29.85	+01	64	58	+3	67	54	W	4	4	SSE	5	rv	0.03
Ardrossan ...	29.65	-07	67	67	-1	70	55	SW	4	5	SW	5	c	0.56
Greenecastle ...	29.66	+02	58	55	-2	60	53	WSW	5	5	WSW	8	go	0.34
Donaghadee ...	29.69	00	59	55	+2	61	57	WSW	6	7	SW	6	c	0.30
Kingstown ...	29.78	+12	56	57	-1	64	53	WSW	3	6	SE	5	mc	0.15
Holyhead ...	29.77	+09	56	53	0	62	53	SW	5	6	S	1	rb	0.15
Liverpool (Bidston Obs.) ...	29.83	+03	61	52	+7	65	52	WSW	4	6	SSW	2	cb	0.03
Valencia ...	29.74	+18	56	53	-4	63	52	W	4	6	N	4	rc	0.60
Roche's Point ...	29.81	+30	59	56	-2	66	50	W	4	7	NNW	4	ogc	0.12
Pembroke ...	29.87	+25	58	55	+3	62	52	WSW	2	8	W	3	ov	0.09
Portishead ...	29.87	+13	65	60	+8	71	52	W	3	5	W	5	cv	0.09
Scilly ...	29.94	+28	59	56	-1	67	56	WSW	4	6	WSW	5	pc	0.05
Plymouth ...	29.92	+21	60	58	0	66	54	WSW	4	5	SW	4	om	0.03
Portsmouth ...	29.92	+09	63	60	+5	66	56	W	1	5	SW	5	dc	0.41
Dover ...	29.88	-03	61	60	0	66	60	SW	2	3	SW	7	mt	0.18
London ...	29.86	-07	58	57	-1	68	56	WNW	2	4	S	9	cto	0.57
Oxford ...	29.87	+03	58	53	0	68	56	W	1	4	SE	10	o	0.13
Cambridge ...	29.86	00	58	56	-3	69	56	SW	1	1	S	10	po	0.09
Yarmouth ...	29.83	-06	58	57	-2	64	57	WNW	3	5	SSW	7	ct	0.33
Helder ...			*	*	*	*	*	*	*	*	*	*	*	*
Cape Gris Nez ...	29.86	-06	63	61	+3	69	59	SW	3	4	WSW	10	mo	0.08
Brest ...	29.95	+19	59	57	-1	64	52	NW	3	5	SW	6	mc	0.12
L'Orient ...	29.96	+10	61	59	-1	72	59	NW	3	5	SW	8	fo	0.12
Rochefort ...	30.04	+04	66	63	-2	85	64	WNW	4	4	NW	10	bo	-
Biarritz ...	30.01	+05	68	64	-1	71	66	NW	1	5	NW	?	bc	-
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.89	-06	?	*	?	*	*	SW	1	*	*	*	o	*
Charleville ...	30.00	+02	70	*	+8	*	*	SE	2	*	*	*	c	*
Paris ...	29.93	-04	73	73	+12	76	62	WSW	21	0	Z	3	c	-
Lyons ...	30.04	-06	73	*	0	*	*	?	1	*	*	*	?	*
Toulon ...														

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.75	61	58	SW	4	*	c	2	Valencia ...	29.44	58	57	S	2	8
Thurso ...	29.65	60	55	SSW	1	4	c	1	Scilly ...	29.69	66	63	SW	5	7
Scarborough...									London ...	29.81	65	62	S	4	10
Greenecastle ...	29.56	60	56	S	4	10	?	*	Rochefort ...	30.02	72	65	NW	3	0
Holyhead ...	29.59	60	58	SSE	4	7	d	3							

Pressure has again changed somewhat irregularly. In most places it has gone chiefly at Valencia - but has risen at Scilly and Rochefort. No important changes of wind are reported, but the weather is showery.

EXPLANATION OF COLUMNS.

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

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

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

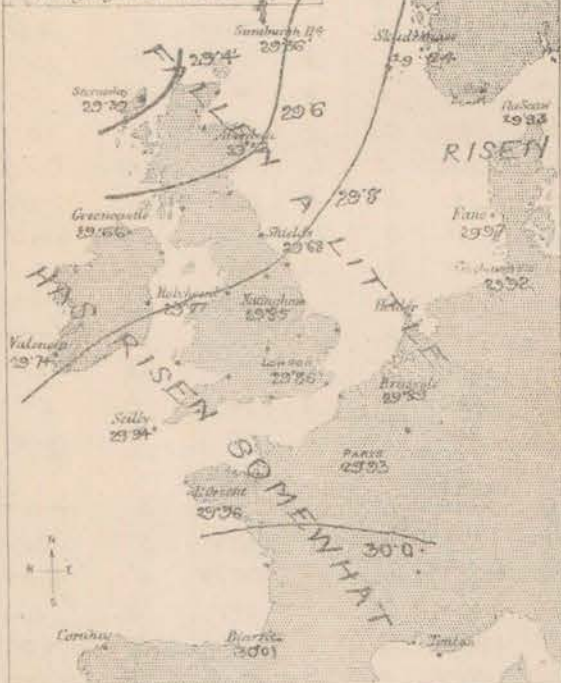
WEATHER CHARTS

AND REMARKS FOR

SUN-DAY 6TH JULY. 1873 AT 8 A.M.

BAROMETER.

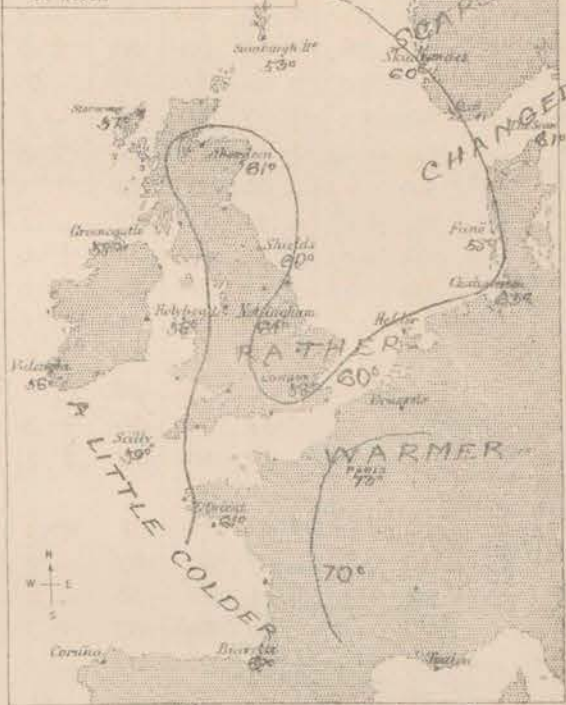
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The barometrical depression which had shown itself in the south of Ireland yesterday morning, labelled N.W. during the day, and has now found over the north-west of Scotland. Pressure has consequently decreased on our north and east coasts while it has risen at all other stations. The gradient from Liverpool to Norway is now 0.07 in per 50 miles.

TEMPERATURE.

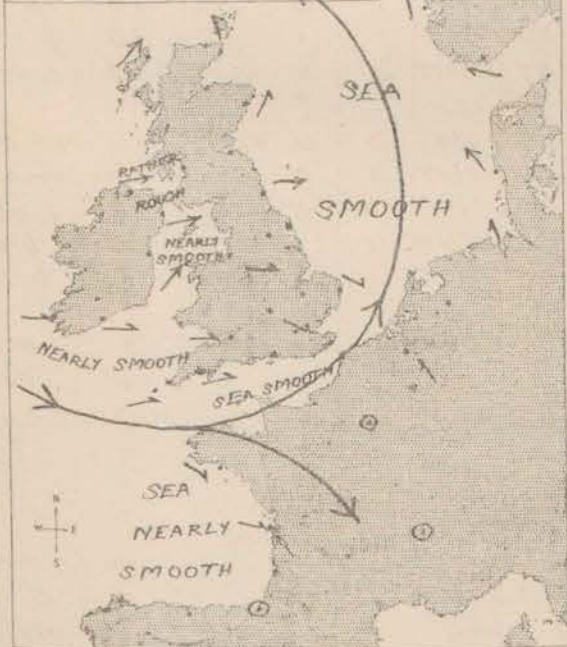
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has fallen a little in the south-west, but risen a little generally elsewhere.

WIND & SEA.

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



The wind circulates round the area of lowest pressure; being light W in the south of our Islands, and blowing round through S and SE in Denmark and the south of Norway to ESE at Sumburgh H. In fact it is light to moderate generally, but rather fresh in the north-west. The sea is rather rough in the north-west, smooth elsewhere.

CLOUD, RAIN & C.

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



The sky is very cloudy inland France and the south-east of England, but moderately clear in the north and west. Some rain has fallen at most stations - heavily at some places.

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

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

Vincent Brooke Esq. - 402, York Lane W.C.

From-day 8 a.m.

WEATHER REPORT.

July 7th

1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Clouds 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distance 0 to 10.
	At 8 a.m. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 a.m.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 a.m.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.56	-11	66	62	+1	*	*	W	6	-	NW	*	-	*	*
Hernösand ...	29.93	+03	62	57	-2	*	*	Z	0	2	E	*	-	*	*
Stockholm ...	29.95	+08	68	63	+5	*	*	Z	0	1	S	*	-	*	*
Wisby ...	30.00	+12	62	59	+3	*	*	N	2	2	N	*	6	*	*
Christiansund ...	29.99	+18	57	57	-13	*	*	W	4	2	NSW	*	ct	*	2
Skudeanaes ...	30.01	+17	59	57	-1	*	*	S	2	6	SSE	*	rf	*	3
Oxö (Xtiansand)	29.98	+12	59	58	-1	*	*	NE	2	2	E	*	of	*	2
Skagen (The Skaw)	30.06	+13	65	62	+4	*	*	S	2	*	*	*	o	*	*
Fanö ...	30.09	+12	58	57	0	*	*	NW	6	*	*	*	*	*	*
Cuxhaven ...	30.06	+14	60	59	-3	80	?	W	4	4	SW	9	o	0.02	0
Sumburgh Head															
Stornoway (Hebrides)	29.75	+36	58	55	+1	62	52	SSE	6	7	SW	5	cu	0.01	4
Thurso...	29.84	+43	58	54	-2	69	46	SSE	2	6	SSW	8	co	-	2
Wick ...	29.87	+32	55	53	-3	66	57	SE	2	4	SW	10	co	-	2
Nairn ...	29.87	+39	61	55	0	67	57	SSW	1	3	NSW	6	bc	-	1
Aberdeen ...	29.94	+42	60	56	-1	70	57	S	2	3	W	5	c	-	1
Leith ...	29.95	+31	62	58	0	70	52	SW	2	5	SW	5	c	-	*
Shields...	29.97	+29	59	54	-1	67	53	SSW	3	5	NSW	4	c	-	2
York ...	30.05	+25	62	55	+3	69	52	S	1	2	W	0	cb	-	*
Scarborough ...															
Nottingham ...	30.10	+25	67	60	+3	75	48	S	3	4	W	1	b	-	*
Ardrossan ...	29.92	+27	59	55	+2	62	56	S	5	5	S	6	bc	0.02	4
Greencastle ...	29.77	+11	59	55	+1	61	56	S	7	7	S	9	co	-	*
Donaghadee ...	29.86	+17	58	56	-1	66	53	S	6	6	S	8	co	-	5
Kingstown ...	29.91	+13	60	55	+4	67	56	SSE	3	4	NSW	9	co	-	9
Holyhead ...	29.95	+18	59	56	+3	63	55	SSW	4	5	SSW	5	c	-	3
Liverpool (Bidston Obs.)	30.07	+24	63	56	+2	70	48	SSE	2	4	W	4	c	-	2
Valencia ...	29.71	-03	59	58	+3	63	57	SSW	7	8	S	9	r	0.27	7
Roche's Point ...	29.84	+03	59	56	0	66	55	SSW	5	5	SSW	9	o	-	4
Pembroke ...	30.02	+15	60	57	+2	64	56	S	5	5	S	4	bo	-	4
Portishead ...	30.08	+21	62	58	-3	69	46	SW	3	4	W	4	c	-	3
Scilly ...	30.03	+09	61	59	+2	68	57	S	5	5	S	5	c	-	4
Plymouth ...	30.08	+16	62	60	+2	68	57	S	2	4	NSW	0	cb	-	*
Portsmouth ...	30.13	+21	63	59	0	69	56	SW	1	5	SW	5	c	-	1
Dover ...	30.13	+25	58	57	-3	64	54	SW	2	4	NSW	7	bf	0.01	2
London ...	30.12	+26	67	59	+9	71	57	NSW	2	3	W	6	cb	-	*
Oxford ...	30.10	+23	61	56	+3	70	47	SE	1	2	W	0	cb	-	*
Cambridge ...	30.12	+26	62	57	+4	71	48	Z	0	1	SW	5	bc	-	*
Yarmouth ...	30.11	+28	61	59	+3	64	54	S	1	3	NE	2	b	-	1
Helder ...	30.13	-	64	*	-	*	*	W	1	*	*	*	*	*	2
Cape Gris Nez...	30.13	+27	59	57	-4	64	53	NSW	3	4	W	5	c	0.16	2
Brest ...	30.09	+14	57	55	-2	67	52	SE	3	3	NNW	4	ob	-	2
L'Orient ...	30.08	+12	60	58	-1	72	55	E	1	4	NNW	2	cb	-	2
Rocheport ...	30.12	+08	66	59	0	83	58	E	3	5	NW	0	b	-	3
Biarritz ...	30.02	+01	70	66	+2	71	63	E	4	5	NNW	9	co	0.04	4
Corunna ...			*	*	*	*	*					*	*	*	*
Brussels ...	30.14	+25	66	*	?	*	*	ENE	3	*	*	*	b	*	*
Charleville ...	30.17	+17	69	*	-6	*	*	S	1	*	*	*	c	*	*
Paris ...	30.11	+18	62	62	-11	78	60	NSW	4	5	NNW	10	r	-	*
Lyons ...	30.20	+16	76	*	+3	*	*	NE	1	*	*	*	b	*	*
Toulon...															

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.
Skudesnaes ...	29.94	62	57	SSW	6	*	Valencia ...					
Thurso ...							Scilly ...					
Scarborough ...							London ...					
Greencastle ...						*	Rocheport ...	30.07	73	66	NW	4 6 c
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 storm wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

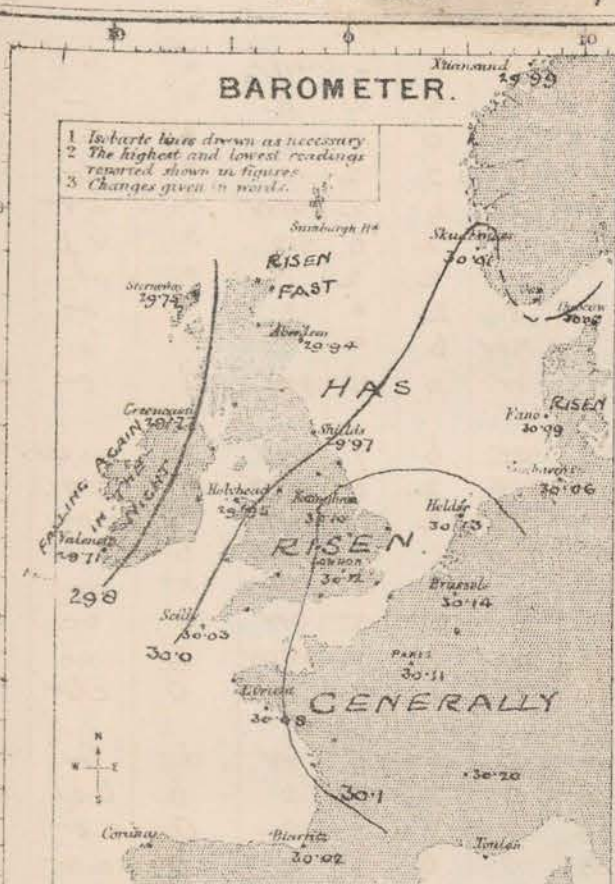
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

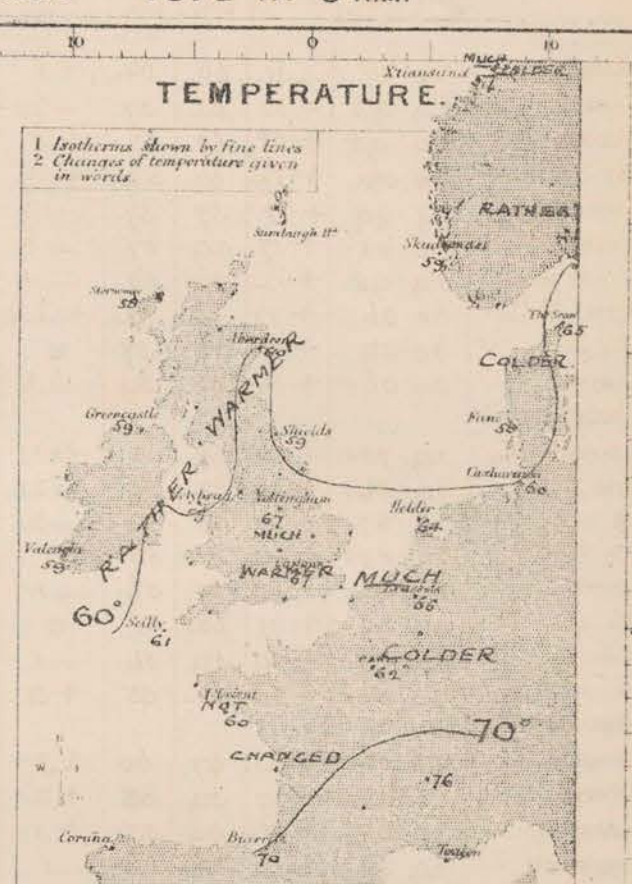
WEATHER CHARTS

AND REMARKS FOR

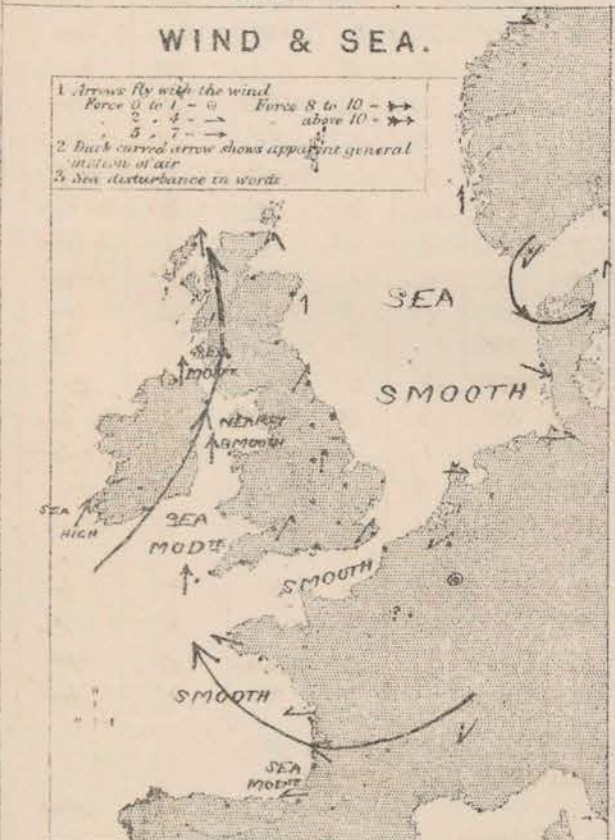
MON DAY 7TH JULY. 1873 AT 8 A.M.



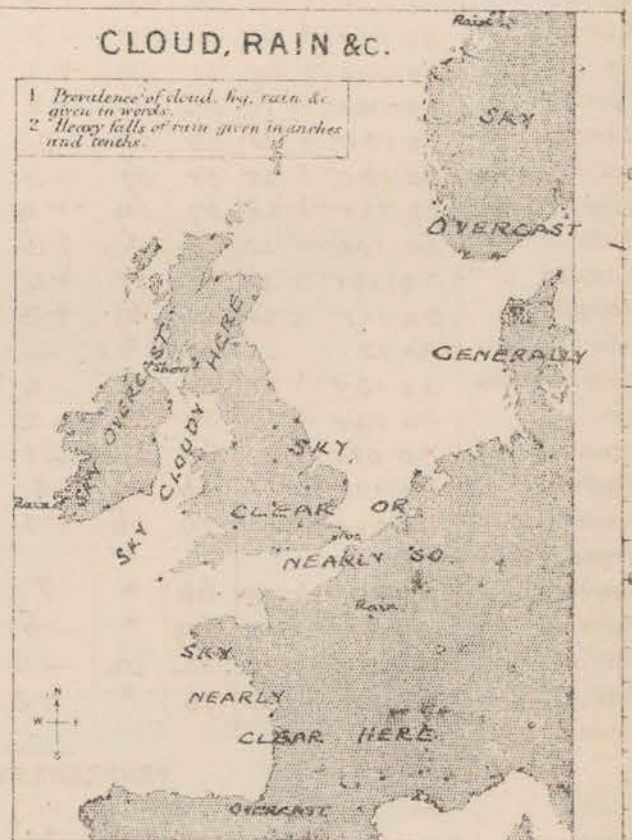
The barometrical depression which lay over the north-west of Scotland yesterday has now entirely disappeared from our coasts. A brisk recovery has succeeded it in all parts of our Islands chiefly in the north - but a fresh fall has commenced at Valentia in the night. Readings are highest in France, and the gradient from Selly to Valentia is 0.08 in per 50 miles.



Temperature has varied considerably. During the past day it has fallen fast in Belgium and the northeast of France, as well as at Christiansund.



Sth winds have again set in over the greater part of our Islands, blowing fresh in the west of Scotland, and strong in the west of Ireland, but light elsewhere; while in the west of France, the wind has drawn into E and is light. The sea runs high at Valentia.



Rain has again set in at Valentia. The sky is overcast in Ireland and on the eastern shores of the North Sea, rather cloudy in the west generally, moderately clear elsewhere.

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

Tues-day 8 a.m.

WEATHER REPORT. July 8th 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	S. Dist. miles.
	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 ...	29.96	+10	60	53	-6	*	*	E	4	2	W	*	c	*	
Hernösand ...	29.93	00	71	61	+9	*	*	N	2	0	Z	*	b	*	
Stockholm ...	29.97	+02	68	62	0	*	*	SW	2	2	WSW	*	b	*	
Wisby ...	30.06	+06	63	60	+1	*	*	NW	2	1	SSW	*	b	*	
Christiansund ...	30.05	+06	62	59	+5	*	*	WSW	2	2	NNW	*	a	*	
Skudesnaes ...	30.09	+08	62	57	+3	*	*	WSW	4	0	Z	*	b	*	
Oxö (X'tiansand) ...	30.05	+07	62	58	+3	*	*	WSW	6	4	WSW	*	b	*	
Skagen (The Skaw)	30.08	+02	63	58	-2	*	*	NW	4	*	*	*	c	*	
Fanö ...	30.23	+14	69	63	+11	*	*	W	4	*	*	*	c	*	
Cuxhaven ...	30.19f	+13	63	61	+3	70	?	SE	1	2	NNW	0	b	—	
Sumburgh Head															
Stornoway (Hebrides)	29.80r	+05	57	55	-1	59	49	SSW	2	8	SSE	78	ro	0.20	
Thurso...	29.81r	-03	60	57	+2	70	57	SSE	1	6	SSE	8	go	0.01	
Wick ...	29.83s	-04	57	55	+2	62	53	SW	2	4	W	8	o	—	
Nairn ...	29.87r	00	62	59	+1	71	50	SW	1	5	SSW	8	co	—	
Aberdeen ...	29.91s	-03	59	56	-1	65	57	S	2	4	S	8	co	—	
Leith ...	29.92s	-03	63	60	+1	73	60	SW	3	5	SW	8	co	—	
Shields...	29.98f	+01	64	59	+5	71	57	S	4	5	SSW	5	c	—	
York ...	30.04f	-01	65	59	+3	74	50	S	2	3	S	0	b	—	
Scarborough ...															
Nottingham ...	30.09r	-01	67	61	0	78	47	SW	1	4	S	1	bw	—	
Ardrossan ...	29.94r	+02	56	53	-3	68	55	SW	3	6	S	9	+	0.69	
Greencastle ...	29.90r	+13	57	55	-2	62	53	SSW	3	8	S	10	g	0.10	
Donaghadee ...	29.92r	+06	55	55	-3	63	54	SSE	3	7	S	10	gd	0.25	
Kingstown ...	29.94r	+03	58	55	-2	67	57	WSW	2	7	S	10	bm	0.28	
Holyhead ...	29.97f	+02	59	58	0	65	58	S	2	5	SSW	10	rd	0.08	
Liverpool (Bidston Obs.)	30.05s	-02	64	59	+1	75	54	SE	2	3	S	8	co	—	
Valencia ...	29.98r	+27	59	56	0	65	55	WSW	4	8	SSW	3	cb	0.67	
Roche's Point ...	29.98r	+14	58	57	-1	62	54	SW	3	7	SSW	9	rfo	0.25	
Pembroke ...	30.01f	-01	59	58	-1	65	58	S	4	5	S	10	ct	—	
Portishead ...	30.08r	00	56	50	-6	72	50	SW	3	3	SSW	2	cb	—	
Scilly ...	30.05f	+02	62	61	+1	68	60	SSW	5	5	S	10	cd	0.07	
Plymouth ...	30.09s	+01	63	62	+1	68	56	S	3	4	S	10	bm	—	
Portsmouth ...	30.12s	-01	64	57	+1	70	56	S	1	3	S	8	bm	—	
Dover ...	30.12f	-01	67	62	+9	71	50	Z	0	2	SW	0	fb	—	
London ...	30.12r	00	71	61	+4	77	50	SE	1	3	S	9	bce	—	
Oxford ...	30.11	+01	64	56	+3	75	49	SSW	1	2	SW	0	b	—	
Cambridge ...	30.13r	+01	65	58	+3	76	50	SW	1	1	S	0	b	—	
Yarmouth ...	30.11s	00	64	61	+3	66	57	SSE	2	4	S	1	b	—	
Helder ...	30.15	+02	69	*	+5	*	*	SE	2	*	*	*	*	*	
Cape Gris Nez...	30.13f	00	62	60	+3	66	54	NE	1	1	WSW	0	b	—	
Brest ...															
L'Orient ...															
Roche fort ...	30.19r	+07	68	63	+2	78	63	SW	4	4	NW	0	cb	—	
Biarritz ...	30.19r	+17	69	65	-1	73	64	W	5	4	E	7	oc	0.24	
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	30.13	-01	73	*	+7	*	*	NW	1	*	*	*	b	*	
Charleville ...	30.16	-01	71	*	+2	*	*	NE	1	*	*	*	b	*	
Paris ...	30.10r	-01	74	74	+12	82	64	NE	1	3	N	0	bf	—	
Lyons ...	30.16	-04	77	*	+1	*	*	SE	1	*	*	*	b	*	
Toulon...	30.13-	-02	67	52	-12	91	58	Z	0	3	NW	8	c	—	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	30.06	61	58	WSW	4	*	b	2	Valencia ...	29.80	60	59	WSW	2	7
Thurso ...	29.76	68	57	SSE	6	4	c	3	Scilly ...	30.05	66	62	S	5	4
Shields ...	29.98	70	59	S	4	3	b	2	London ...	30.12	71	65	SSW	2	1
Greencastle ...	29.75	61	59	SSE	7	10	g	*	Roche fort ...	30.13	73	66	NW	3	10
Holyhead ...	29.98	65	59	SSW	5	3	b	4							

The decrease of pressure noted in the west this morning is passing off in a N.W. gale and the barometer is rising at Valencia with a light WSW wind. In Ireland a fresh has been felt, but in S. Britain the weather has become very fine. Drums lowered this a.m.

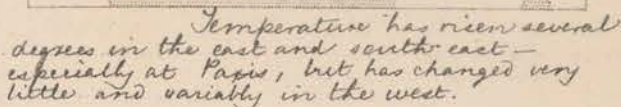
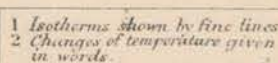
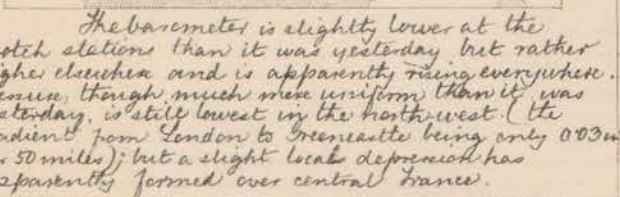
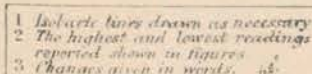
EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m.

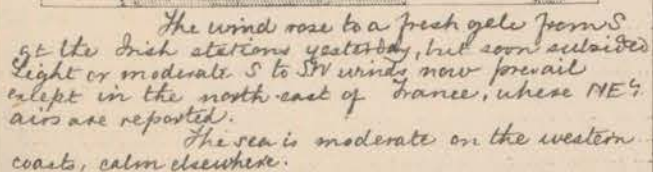
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

AND REMARKS FOR

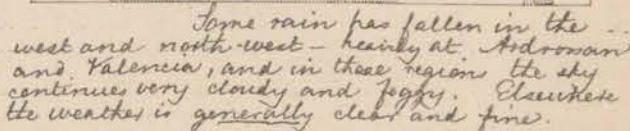
TUES. DAY 8TH JULY 1873 AT 8 A.M.



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



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



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

Wm. H. Brooks, Daydon, with Lora M. W.

Wednesday 8 a.m.

WEATHER REPORT. July 9th 1873.

STATIONS.	BAROMETER		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Dis- tance. 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.95	-.01	55	50	-5	*	*	NE	2	2	W	*	c	*	*
Hernösand ...	29.85	-.08	68	62	-3	*	*	NNE	2	2	SW	*	b	*	*
Stockholm ...	29.92	-.05	?	63	?	*	*	W	2	2	W	*	b	*	*
Wisby ...	29.97	-.09	67	60	+4	*	*	SW	1	1	W	*	b	*	*
Christiansund ...	29.85	-.20	67	59	+5	*	*	W	1	2	NNE	*	b	*	1
Skudesnaes ...	29.91	-.18	60	58	-2	*	*	S	6	2	SSE	*	bo	*	4
Oxö (X'iansand) ...	30.03	-.02	60	58	-2	*	*	W	2	6	SW	*	b	*	2
Skagen (The Skaw) ...	30.03	-.05	64	56	+1	*	*	W	6	*	*	*	b	*	*
Fanö ...	30.09	-.14	70	64	+1	*	*	SSW	6	*	*	*	cb	*	*
Cuxhaven ...	30.06	-.13	68	65	+5	?	55	SSW	3	3	NE	0	b	—	0
Sumburgh Head															
Stornoway (Hebrides) ...	29.78	-.02	60	55	+3	63	52	W	6	7	S	5	c	0.03	5
Thurso ...	29.82	+.01	61	54	+1	65	45	S	1	2	N	6	c	0.02	1
Wick ...	29.85	+.02	58	53	+1	66	47	SSW	2	2	N	2	cb	0.02	1
Nairn ...	29.88	+.01	61	56	-1	70	50	SW	3	3	W	2	cb	0.01	1
Aberdeen ...	29.90	-.01	62	54	+3	65	52	WSW	1	2	S	2	cb	0.05	1
Leith ...	29.98	+.06	62	58	-1	69	53	SW	3	3	SW	4	pc	—	*
Shields ...	30.01	+.03	61	54	-3	74	55	SW	3	4	S	4	c	—	1
York ...	30.07	+.03	61	56	-4	77	50	W	1	3	S	5	cb	0.03	*
Scarborough ...															
Nottingham ...	30.12	+.03	66	61	-1	81	49	SW	3	4	SW	6	c	0.01	*
Ardrossan ...	30.00	+.06	57	54	+1	67	56	SW	4	4	SW	7	c	0.05	4
Greencastle ...	29.97	+.07	59	54	+2	?	55	SW	4	4	SW	10	cg	—	*
Donaghadee ...	30.00	+.08	58	56	+3	61	57	WSW	4	4	WSW	9	cb	0.01	3
Kingstown ...	30.07	+.13	60	54	+2	69	56	WSW	4	3	ESE	7	oc	—	3
Holyhead ...	30.07	+.10	56	54	-3	64	54	SW	3	3	SW	6	rc	0.32	2
Liverpool (Bidston Obs.) ...	30.12	+.07	65	59	+1	70	54	W	2	3	W	9	co	0.03	1
Valencia ...	30.10	+.12	59	56	0	65	55	WSW	4	4	WSW	8	cg	—	4
Roche's Point ...	30.10	+.12	59	56	+1	70	55	SW	3	4	SW	7	cg	—	3
Pembroke ...	30.15	+.14	59	57	0	63	56	WSW	1	4	WSW	10	co	0.11	1
Portishead ...	30.16	+.08	65	60	+9	74	54	WSW	2	3	W	7	oc	—	2
Scilly ...	30.20	+.15	61	59	-1	65	57	SW	3	5	SSW	6	c	0.06	4
Plymouth ...	30.19	+.10	60	58	-3	65	50	SSW	1	2	NW	2	fm	0.01	*
Portsmouth ...	30.19	+.07	64	59	0	75	56	NW	1	3	SW	4	c	—	1
Dover ...	30.14	+.02	70	50	+3	70	60	WNW	1	1	NE	1	b	—	1
London ...	30.16	+.04	65	59	-6	82	54	WNW	2	3	WSW	3	co	—	*
Oxford ...	30.16	+.05	59	54	-5	79	50	WSW	1	3	SW	6	c	—	*
Cambridge ...	30.13	00	61	54	-4	80	53	W	1	1	SW	5	bc	—	*
Yarmouth ...	30.11	00	62	59	-2	67	59	WNW	3	4	S	4	bc	—	1
Helder ...	30.03	-.12	68	*	-1	*	*	WSW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.16	+.03	58	56	-4	79	56	NW	3	3	ENE	3	b	—	2
Brest ...	30.23	+.09	55	53	-7	70	49	Z	0	4	SSW	10	fo	—	1
L'Orient ...	30.23	+.06	67	56	+4	76	62	Z	0	3	NW	10	co	—	1
Rochefort ...	30.29	+.10	69	62	+1	73	68	N	4	5	NW	10	bo	—	3
Biarritz ...	30.25	+.06	68	64	-1	72	66	E	4	5	W	9	co	—	1
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.11	-.02	67	*	-6	*	*	WNW	?	*	*	*	o	*	*
Charleville ...	30.12	-.04	66	*	-5	*	*	W	2	*	*	*	c	*	*
Paris ...	30.20	+.10	66	66	-8	86	59	NW	5	7	W	6	oc	0.04	*
Lyons ...	30.21	+.05	70	*	-7	*	*	NE	2	*	*	*	b	*	*
Toulon ...	30.02	-.11	78	71	+11	88	76	NW	1	3	WNW	3	c	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.		
Skudesnaes ...	30.04	65	60	SSE	4	*	6	2	Valencia ...	30.06	63	59	WSW	4	4	c
Thurso ...	29.81	65	57	S	2	8	W	1	Scilly ...	30.12	65	62	WSW	4	6	c
Scarborough...	29.96	69	62	S	2	9	o	2	London ...	30.08	76	70	S	2	7	c
Greencastle ...	29.92	65	59	SW	2	7	c	*	Rochefort ...	30.21	72	63	NW	4	0	b
Holyhead ...	30.01	61	59	SW	2	6	c	1								

The barometer has continued to rise at the western and south-western but has fallen slightly in the east. The winds, however, show very little change the weather, though very cloudy in the north, is dry.

EXPLANATION OF COLUMNS.

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

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

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

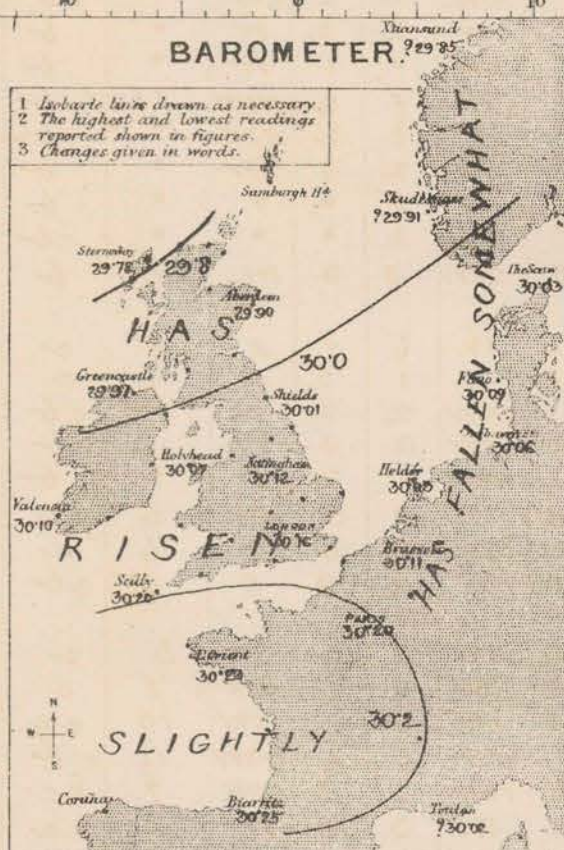
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 9TH JULY 1873 AT 8 A.M.

BAROMETER.

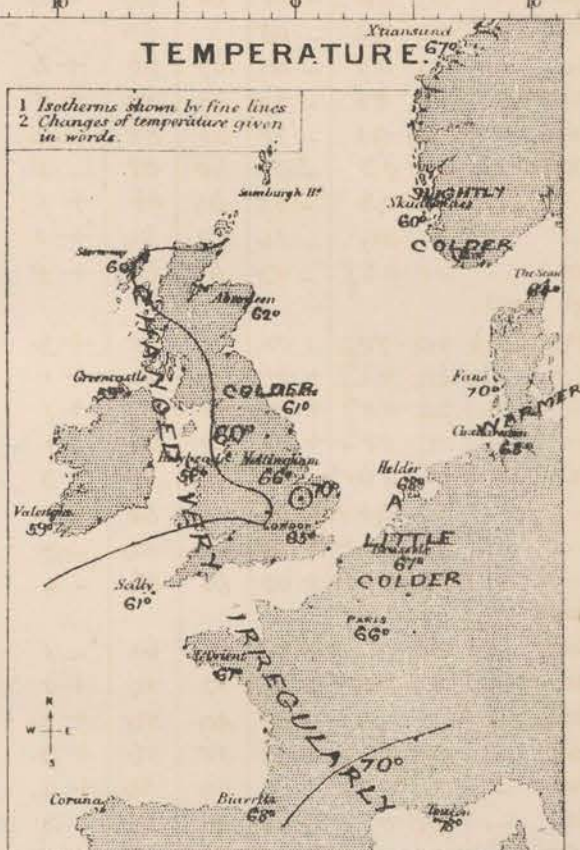
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past twenty-four hours the barometer has risen slightly throughout our Islands and the west of France, while in the east of France, and on the eastern shores of the North Sea it has fallen somewhat. Readings are highest on the coasts of the Bay of Biscay, and over France; but gradients are very slight except over the northern stations, where they are about 0.04 in per 50 miles.

TEMPERATURE.

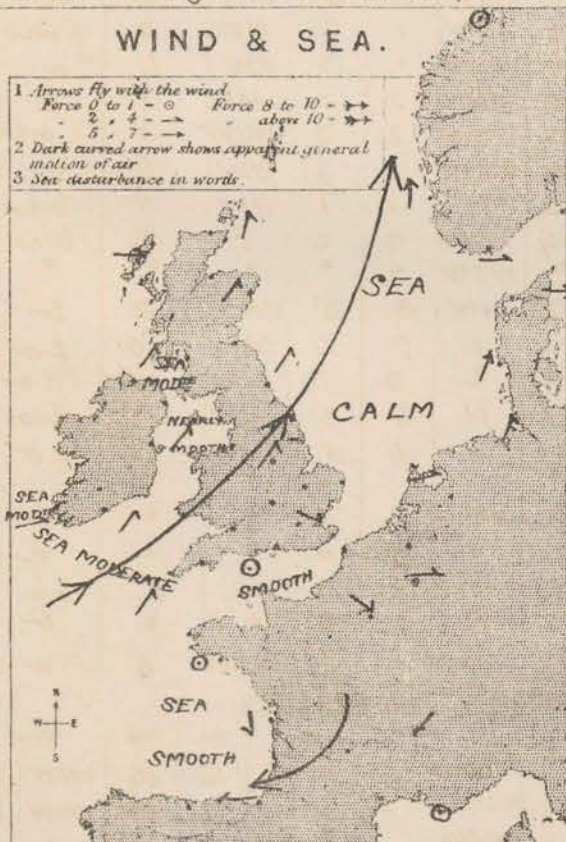
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has changed very variably. At Cambridge, Nottingham, and in London it rose to 80° or 82° in the shade yesterday.

WIND & SEA.

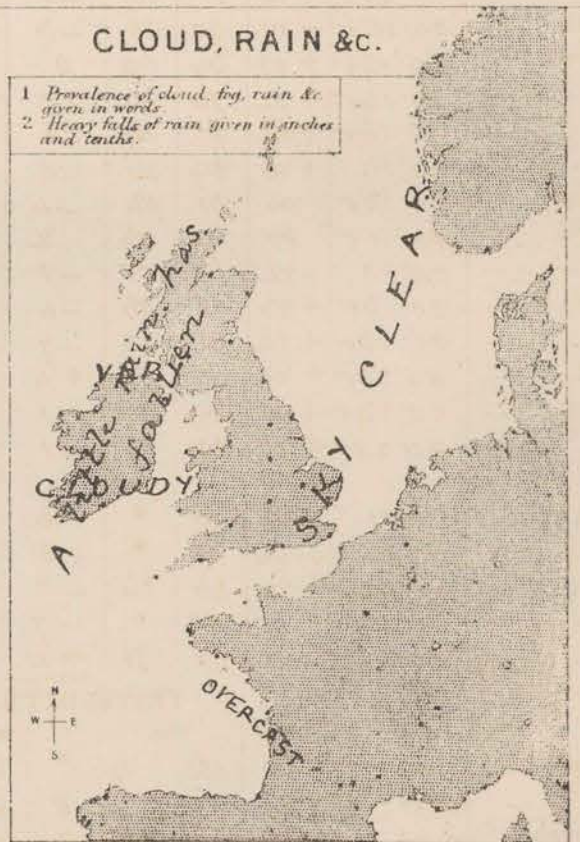
- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 11 to 15 - 11, Force 16 to 20 - 16, Force 21 to 25 - 21, Force 26 to 30 - 26, Force 31 to 35 - 31, Force 36 to 40 - 36, Force 41 to 45 - 41, Force 46 to 50 - 46, Force 51 to 55 - 51, Force 56 to 60 - 56, Force 61 to 65 - 61, Force 66 to 70 - 66, Force 71 to 75 - 71, Force 76 to 80 - 76, Force 81 to 85 - 81, Force 86 to 90 - 86, Force 91 to 95 - 91, Force 96 to 100 - 96.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Moderate SW breeze are still reported from our western and northern coasts, but light NW winds prevail at the south eastern stations, while a fresh SE breeze is blowing at Faro and Skudsmoen. In the north-west of France there is a calm, while N to E winds have set in at Rochefort and Biarritz. The sea is moderate in the west, smooth elsewhere.

CLOUD, RAIN &c.

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



A little rain has fallen at some of the western and northern stations. The sky is rather cloudy except in the east.

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

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

Printed by James G. & Co. Ltd. London, W.I.

Thurs. day 8 a.m.

WEATHER REPORT. July 10th 1873.

STATIONS.	BAROMETER		THERMOMETERS (in shade)					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 hours.	See 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.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.94	-.01	58	53	+3	*	*	E	2	2	NE	*	b	*	*
Hernösand ...	29.77	-.08	57	55	-11	*	*	N	6	4	ENE	*	c	*	*
Stockholm ...	29.77	-.15	68	62	?	*	*	W	2	?	SW	*	b	*	*
Wishby ...	29.84	-.13	64	62	-3	*	*	SW	2	2	SW	*	b	*	*
Christiansund ...	29.78	-.07	59	54	-8	*	*	NW	4	4	WSW	*	c	*	4
Skudesnaes ...	29.80	-.11	58	56	-2	*	*	NNW	2	4	WNW	*	c	*	2
Oxö (Klansand) ...	29.76	-.27	58	55	-2	*	*	WSW	4	2	WSW	*	c	*	3
Skagen (The Skaw) ...	29.85	-.18	62	57	-2	*	*	W	6	*	*	*	c	*	*
Fanö ...	29.97	-.12	65	60	-5	*	*	W	4	*	*	*	c	*	*
Cuxhaven ...	29.96	-.10	64	60	-4	84	?	NW	1	3	W	0	b	-	0
Sumburgh Head ...	29.65	-.18	54	54	-1	60	50	S	2	3	S	10	cf	-	1
Stornoway (Hebrides) ...	29.57	-.21	54	53	-6	64	52	SE	1	6	SW	10	cf	0.18	2
Thurso ...	29.79	-.03	58	55	-3	66	53	SSE	2	2	W	7	gc	0.02	1
Wick ...	29.62	-.23	57	55	-1	67	47	S	2	3	SSW	8	co	0.02	1
Nairn ...	29.60	-.28	60	57	-1	67	53	Z	0	3	SW	8	co	0.07	1
Aberdeen ...	29.67	-.23	55	54	-7	68	53	S	3	2	WSW	10	cd	0.07	2
Leith ...	29.62	-.36	58	57	-4	67	54	SW	2	3	SW	8	co	0.10	*
Shields ...	29.71	-.30	58	56	-3	67	56	SSW	2	4	WSW	8	c	0.05	2
York ...	29.79	-.28	60	58	-1	66	53	S	3	4	W	7	oc	0.05	*
Scarborough ...															
Nottingham ...	29.86	-.26	62	59	-4	75	56	SW	4	4	SW	10	cu	0.04	*
Ardrossan ...	29.61	-.39	57	55	0	63	56	WSW	3	4	SSW	8	c	0.41	4
Greencastle ...	29.73	-.24	56	53	-3	60	54	W	5	5	W	7	rc	0.49	*
Donaghadee ...	29.70	-.30	59	55	+1	63	54	W	5	5	W	2	ob	0.13	4
Kingstown ...	29.83	-.24	59	54	-1	66	57	W	5	4	WSW	7	gc	-	4
Holyhead ...	29.81	-.26	57	55	+1	63	55	WSW	3	4	SW	2	fb	0.21	3
Liverpool (Biston Obs.) ...	?	?	60	56	-5	67	53	WSW	5	6	WSW	9	co	0.20	4
Valencia ...	29.93	-.17	57	56	-2	64	54	W	3	4	SSW	7	rc	0.39	3
Roche's Point ...	29.91	-.19	57	54	-2	66	54	W	4	5	SSW	8	rfo	0.28	4
Pembroke ...	29.80	-.26	58	55	-1	65	56	W	3	5	WSW	8	co	0.06	4
Portishead ...	29.90	-.26	62	59	-3	70	57	WSW	4	5	WSW	8	cg	0.05	4
Scilly ...	30.01	-.19	60	58	-1	71	57	WSW	4	5	SSW	7	c	0.07	4
Plymouth ...	29.98	-.21	62	60	+2	67	57	W	5	5	W	10	cu	0.05	*
Portsmouth ...	29.97	-.22	63	61	-1	73	58	SW	3	3	SW	8	co	-	3
Dover ...	29.90	-.16	63	58	-7	67	57	SW	3	3	SW	3	b	-	2
London ...	29.94	-.22	63	59	-2	75	55	WSW	3	2	W	7	c	-	*
Oxford ...	29.89	-.27	61	59	+2	72	56	SW	3	4	SW	9	c	-	*
Cambridge ...	29.90	-.23	62	58	+1	73	54	SSW	2	2	SW	10	cu	-	*
Yarmouth ...	29.93	-.18	61	58	-1	71	57	WSW	3	3	ENE	6	bc	-	1
Helder ...	29.96	-.07	64	*	-4	*	*	SW	4	*	*	*	*	*	2
Cape Gris Nez ...	30.00	-.05	60	56	+2	66	56	WSW	4	4	WSW	4	c	-	2
Brest ...	30.05	-.08	62	62	+7	69	59	WSW	4	4	WSW	10	c	-	3
L'Orient ...	30.09	-.14	66	64	-1	74	59	W	3	3	W	10	bo	-	3
Rocheport ...	30.16	-.13	68	63	-1	73	64	N	1	5	NW	10	bo	-	3
Biarritz ...	30.17	-.08	67	63	-1	76	64	E	3	4	E	5	c	-	3
Corunna ...			*	*	*	*	*					*	*	*	*
Brussels ...	30.04	-.07	?	*	?	*	*	NW	1	*	*	*	b	*	*
Charleville ...	30.11	-.01	59	*	-7	*	*	W	1	*	*	*	c	*	*
Paris ...	30.06	-.14	68	68	+2	74	63	?	3	5	W	10	c	-	*
Lyons ...	30.19	-.02	75	*	+5	*	*	N	3	*	*	*	b	*	*
Toulon ...	29.99	-.03	82	68	+4	93	74	E	1	3	SW	1	cb	-	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudeaues ...	29.89	59	59	SW	4	*	-	Valencia ...	30.02	62	59	SSW	4	7
Thurso ...	29.81	63	55	W	2	7	1	Scilly ...	30.17	68	63	SSW	4	5
Shields ...	30.01	65	57	WSW	3	8	1	London ...	30.13	71	64	WSW	2	9
Greencastle ...	29.94	59	56	SW	3	10	*	Rocheport ...	30.26	73	64	NW	4	6
Holyhead ...	30.13	60	57	SW	4	5	3							

The barometer has fallen somewhat in the west and south. The wind has backed slightly at Valencia, but is not much changed elsewhere.

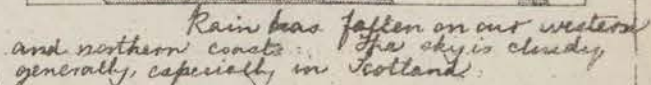
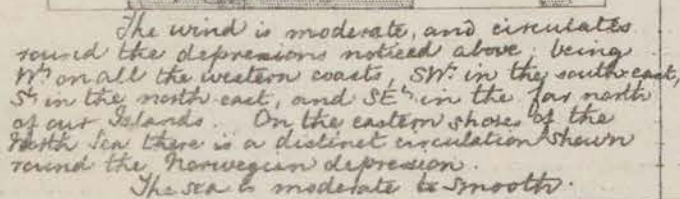
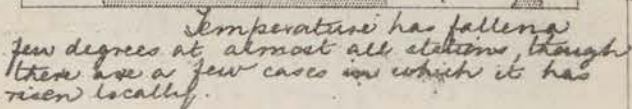
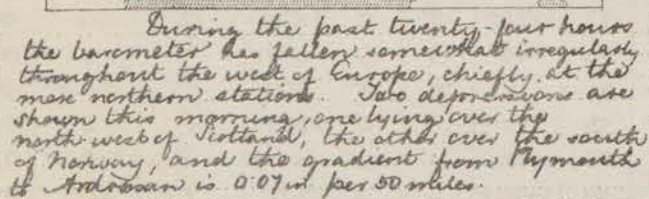
EXPLANATION OF COLUMNS.

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

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

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

THURSDAY 10TH JULY 1873 AT 8 A.M.



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

Vincent Brooks - 4440 Bon. Ave. Longmead, W.C.

Fri day 8 a.m.

WEATHER REPORT. July 11th

1873.

STATIONS.	BAROMETER		THERMOMETERS (In shade)					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance 0 to 3.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.73	-.21	62	61	+4	*	*	SE	2	?	SW	*	o	*	*
Hernösand ...	29.52	-.23	61	57	+4	*	*	S	6	4	ENE	*	b	*	*
Stockholm ...	29.72	-.05	64	59	-4	*	*	WSW	2	2	WSW	*	b	*	*
Wisby ...	29.81	-.03	63	59	-5	*	*	SW	4	2	SW	*	b	*	*
Christiansund ...	29.57	-.21	57	54	-2	*	*	WSW	2	2	N	*	r	*	1
Skudesnaes ...	29.61	-.49	58	57	0	*	*	SSW	4	2	SSW	*	to	*	3
Oxö (Christiansund)	29.60	-.16	57	56	-1	*	*	SSW	4	4	SSW	*	o	*	3
Skagen (The Skaw)	29.76	-.09	62	57	0	*	*	W	4	*	*	*	c	*	*
Panö ...	29.87	-.10	66	60	+1	*	*	SW	6	*	*	*	c	*	*
Cuxhaven ...	29.84	-.12	66	62	+2	74	?	WSW	3	3	W	?	cb	0.01	0
Sumburgh Head															
Stornoway (Hebrides)	29.58	+0.01	58	54	+4	61	48	SW	3	4	W	2	cb	0.14	3
Thurso ...	29.60	?	56	52	-2	65	46	SSE	1	4	WNW	5	c	0.40	1
Wick ...	29.63	+0.01	56	54	-1	63	47	S	1	3	WNW	4	c	0.15	0
Nairn ...	29.64	+0.04	58	53	-2	66	47	SW	1	1	SW	4	c	0.01	0
Aberdeen ...	29.68	+0.01	59	53	+4	67	50	S	1	2	NW	2	cb	0.02	1
Leith ...	29.72	+0.10	61	58	+3	69	50	W	3	3	NW	3	cb	-	*
Shields ...	29.74	+0.03	60	55	+2	65	56	W	2	6	W	4	c	-	1
York ...	29.81	+0.02	59	55	-1	67	53	W	1	3	SW	7	c	-	*
Scarborough ...	29.77	?	60	56	?	69	56	W	3	3	W	8	co	-	2
Nottingham ...	29.83	-.01	66	64	+4	77	57	SW	3	4	SW	4	uc	-	*
Ardrossan ...	29.73	+0.12	57	54	0	65	55	SW	7	5	WNW	5	c	0.01	3
Greencastle ...	29.71	-.02	56	53	0	60	54	SSW	4	5	W	8	o	0.03	*
Donaghadee ...	29.74	+0.04	58	55	-1	65	57	WSW	4	6	W	9	po	0.07	3
Kingstown ...	29.82	-.01	58	53	-1	65	?	WSW	2	5	W	8	o	-	2
Holyhead ...	29.79	-.02	57	54	0	64	54	SW	4	4	SW	6	c	-	3
Liverpool (Bidston Obs.)	29.85	?	59	55	-1	67	55	W	2	?	?	8	co	-	3
Valencia ...	29.83	-.10	57	55	0	62	52	W	3	3	W	7	po	0.05	3
Roche's Point ...	29.84	-.07	57	54	0	63	53	WSW	3	4	W	7	c	-	3
Pembroke ...	29.86	-.03	58	55	0	63	56	ENE	1	2	WSW	7	co	-	1
Portishead ...	29.86	-.04	60	58	-2	69	54	WSW	3	4	W	10	go	0.03	3
Scilly ...	29.92	-.09	58	56	-2	65	57	Z	0	4	W	7	cp	0.03	3
Plymouth ...	29.90	-.08	61	58	-1	67	56	WNW	2	5	W	10	o	-	*
Portsmouth ...	29.92	-.05	63	58	0	72	58	WSW	1	4	SW	8	co	-	1
Dover ...	29.89	-.09	62	59	-1	66	56	SW	3	4	SW	3	b	-	2
London ...	29.89	-.05	61	56	-2	76	52	WSW	2	4	SW	9	c	-	*
Oxford ...	29.87	-.02	62	57	+1	72	52	SW	1	4	WSW	10	co	-	*
Cambridge ...	29.86	-.04	62	56	0	75	52	SW	1	2	WSW	4	pc	-	*
Yarmouth ...	29.86	-.07	62	59	+1	74	58	W	3	4	W	5	bc	-	1
Helder ...	29.84	-.12	64	*	0	*	*	SW	3	*	*	*	*	*	2
Cape Gris Nez ...	29.91	-.09	57	55	-3	66	56	WSW	4	5	WSW	8	co	-	3
Brest ...															
L'Orient ...	29.96	-.13	60	58	-6	75	?	Z	0	4	WSW	9	r	-	1
Rochefort ...	30.00	-.16	67	60	-1	73	64	W	1	3	NW	10	o	-	3
Biarritz ...	29.93	-.24	68	64	+1	73	66	E	1	3	N	7	cm	-	3
Corunna ...			*	*	*	*	*			*	*	*	*	*	*
Brussels ...	29.89	-.15	66	*	?	*	*	WSW	3	*	*	*	or	*	*
Charleville ...	29.96	-.15	70	*	+11	*	*	S	2	*	*	*	c	*	*
Paris ...	29.93	-.13	64	64	-4	80	62	NW	4	4	WSW	4	oc	-	*
Lyons ...	30.00	-.19	75	*	0	*	*	NE	1	*	*	*	b	*	*
Toulon ...	29.98	-.01	78	67	-4	91	71	E	1	3	WSW	3	fb	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.72	63	60	SSE	4	*	c	2	Valencia ...	29.94	62	59	W	3	6
Thurso ...	29.50	61	57	WSW	2	9	rp	1	Scilly ...	30.00	64	59	W	4	4
Scarborough...	29.77	66	64	W	2	7	c	2	London ...	29.87	72	67	W	4	7
Greencastle ...	29.77	59	55	W	4	9	o	*	Rochefort ...	30.15	72	63	NW	3	10
Holyhead ...	29.85	61	57	SW	3	6	c	3							

Pressure has begun to increase at the north-western stations and Valencia, but has ^{core} to decrease slowly in the south, while at Shields there has been no change. W. breeze general, with cloudy weather.

EXPLANATION OF COLUMNS.

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

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

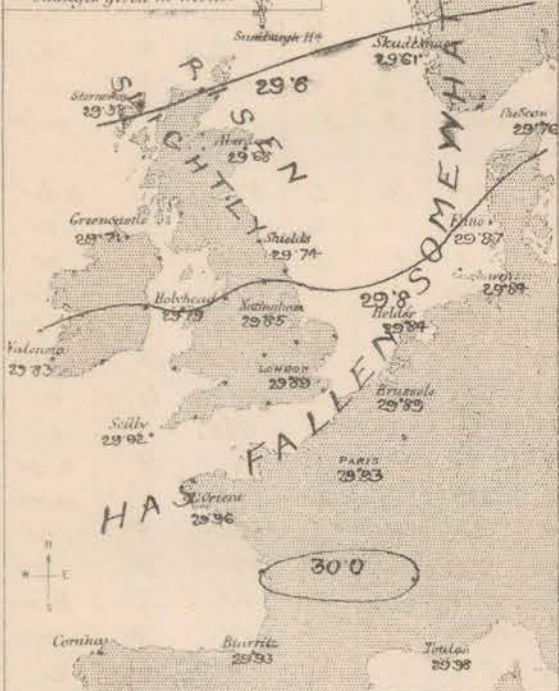
WEATHER CHARTS

AND REMARKS FOR

FRIDAY 11TH JULY 1873 AT 8 A.M.

BAROMETER.

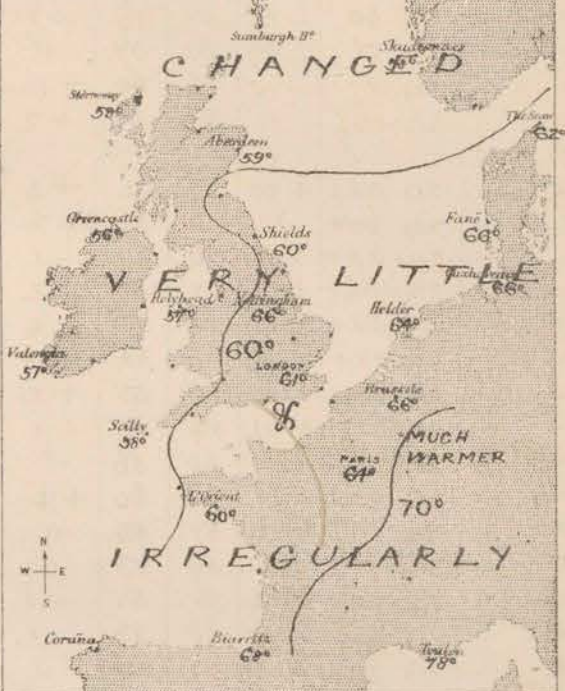
- 1 Isobaric lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Since yesterday morning the barometer has risen slightly at the Scotch stations, but fallen elsewhere - most on the Continent. Readings are consequently more uniform than of late; the gradient from Rochefort to Stornoway being less than 0.05 in. per 50 miles.

TEMPERATURE.

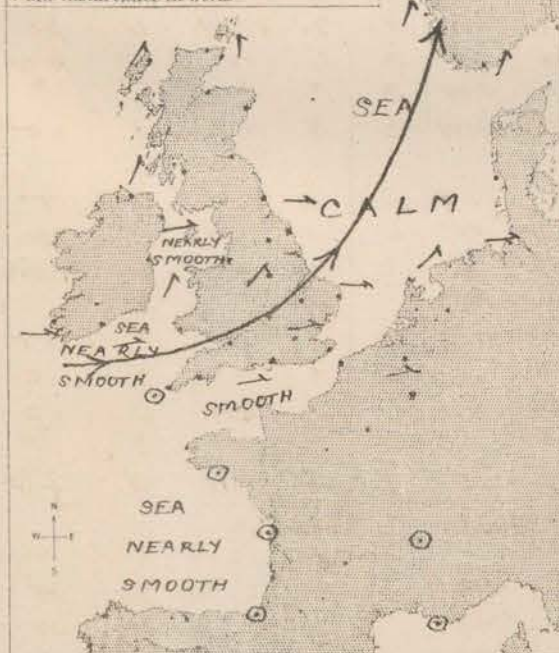
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has changed very little and irregularly except at Cherbourg, where it has risen 11° locally.

WIND & SEA.

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



Variable air and calms prevail in France. Elsewhere light N.W. to S. winds are reported generally. 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.



Slight showers have occurred in the north, and are now prevailing in the south-west. The sky is cloudy except in the north-east.

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book post 5/- per quarter.

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

Printed by Vincent Brooks, 1, Avebury Lane, London, W.C.

Saturday 8 a.m.

WEATHER REPORT. July 12th 1873.

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.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.61	-12	58	57	-4	*	*	SE	4	2	S	*	c	*	*
Hernösand ...	29.62	+08	60	53	-1	*	*	NNW	6	2	SW	*	b	*	*
Stockholm ...	29.76	+04	62	56	-2	*	*	WSW	4	4	SW	*	b	*	*
Wisby ...	29.85	+04	63	60	0	*	*	W	2	6	S	*	b	*	*
Christiansund ...	29.75	+18	58	54	+1	*	*	WSW	2	0	Z	*	c	*	1
Skudesnaes ...	29.74	+13	56	55	-2	*	*	ESE	4	2	SSE	*	co	*	9
Oxö (X'hausaund)	29.77	+17	56	53	-1	*	*	Z	0	4	WSW	*	bo	*	1
Skagen (The Skaw)						*	*				*	*	*	*	*
Fanö ...						*	*				*	*	*	*	*
Cuxhaven ...	29.757	-09	63	61	-3	73	7	NNW	4	2	SE	8	co	0.17	0
Sumburgh Head	29.596	-02	53	54	+1	59	50	SE	3	3	S	9	co	-	3
Stornoway (Ho- brides)	29.537	-05	56	54	-2	59	54	ENE	3	6	S	4	pc	0.03	3
Thurso ...	29.537	-07	57	54	+1	66	52	Z	0	3	S	7	c	0.04	0
Wick ...	29.567	-07	56	55	0	62	47	S	2	3	S	8	co	-	1
Nairn ...	29.567	-08	54	53	-4	65	52	NW	1	1	W	10	or	0.03	0
Aberdeen ...	29.647	-04	57	54	-2	59	50	S	2	3	S	5	c	-	1
Leith ...	29.597	-13	56	55	-5	65	53	S	2	3	SW	7	c	0.03	*
Shields ...	29.647	-10	59	55	-1	65	53	SSW	2	3	WSW	5	c	-	1
York ...	29.707	-11	59	54	0	67	49	SW	2	2	W	1	cb	-	*
Scarborough ...	29.677	-10	62	61	+2	64	57	SW	2	2	SW	5	c	-	1
Nottingham ...	29.747	-11	65	59	-1	73	46	SW	3	3	SW	7	cv	-	*
Ardrossan ...	29.597	-14	56	53	-1	67	53	SW	3	5	SW	6	c	0.07	3
Greencastle ...	29.577	-16	56	53	0	60	52	?	3	?	E	7	gc	0.11	*
Donaghadee ...	29.597	-15	58	55	0	63	50	S	2	4	WSW	3	ob	0.13	2
Kingstown ...	29.657	-17	57	52	-1	65	54	Z	0	3	SSW	7	oc	0.05	1
Holyhead	29.647	-15	57	54	0	64	52	?	3	4	SW	4	rc	0.08	2
Liverpool (Bidston Obs.)	29.717	-14	57	52	-2	66	52	SSW	2	3	SW	8	co	-	?
Valencia ...	29.627	-21	53	53	-2	60	50	WSW	3	4	WSW	7	cp	0.24	4
Roche's Point ...	29.627	-22	58	55	+1	66	52	WSW	3	4	WSW	6	c	-	3
Pembroke ...	29.697	-17	58	54	0	64	55	SW	2	4	SW	7	pc	0.03	3
Portishead ...	29.737	-13	61	57	+1	67	50	WSW	4	4	WSW	4	cv	-	4
Seilly ...	29.717	-21	59	55	+1	66	56	WSW	5	5	WSW	6	p	0.01	4
Plymouth ...	29.777	-13	61	57	0	64	56	S	4	4	SW	2	ob	-	*
Portsmouth ...	29.807	-12	61	58	-2	70	58	SW	3	2	WSW	8	o	-	3
Dover ...	29.817	-08	63	60	+1	67	56	SW	3	3	WSW	3	cb	0.04	2
London ...	29.797	-10	65	57	+4	71	52	WSW	3	3	SW	4	oc	-	*
Oxford ...	29.76	-11	60	55	-2	68	50	SW	1	2	SW	10	o	-	*
Cambridge ...	29.767	-10	63	55	+1	71	53	SW	1	1	SW	3	oc	-	*
Yarmouth ...	29.777	-09	61	57	-1	70	57	NNW	3	3	W	2	cb	0.03	1
Helder ...	29.76	-08	61	*	-3	*	*	WSW	2	*	*	*	*	*	2
Cape Gris Nez...	29.817	-10	57	53	0	63	55	NNW	3	4	WSW	2	cb	0.08	2
Brest ...	29.85	-10	58	58	+1	69	56	WSW	4	5	SW	8	ro	0.04	4
L'Orient ...	29.867	-10	62	60	+2	67	55	W	3	3	NNW	5	c	-	*
Rochefort ...	29.977	-03	64	59	-3	76	59	NE	3	7	NW	7	oc	-	*
Biarritz ...	29.847	-09	64	62	-4	75	64	E	3	4	NW	10	ct	0.28	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.81	-08	64	*	-2	*	*	NNW	3	*	*	*	c	*	*
Charleville ...	29.88	-08	60	*	-10	*	*	W	2	*	*	*	o	*	*
Paris ...	29.887	-05	60	60	-4	74	59	N	3	?	SW	10	tm	0.35	*
Lyons ...	30.00	00	75	*	0	*	*	S	1	*	*	*	o	*	*
Toulon...	29.977	-01	74	70	-4	87	66	E	3	1	WSW	4	bc	-	3

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

	Bar	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar	Dry.	Wet.	Wind.	C.	Wca.		
Skudesnaes ...	29.75	59	54	N	4	*	c	2	Valencia ...	29.87	60	57	WSW	3	7	+
Thurso ...	29.57	60	55	N	2	6	pc	1	Scilly ...	29.89	65	60	WSW	2	7	c
Scarborough...	29.77	63	59	SW	3	3	b	2	London ...	29.87	67	62	SW	3	10	co
Greencastle ...	29.65	57	55	SW	2	10	g	*	Rochefort ...	29.99	72	65	W	3	10	o
Holyhead ...	29.78	62	58	SSW	4	5	c	3								

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

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

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

WEATHER CHARTS AND REMARKS FOR SATURDAY 12TH JULY 1873 AT 8 A.M.

BAROMETER.

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



Since yesterday morning the barometer has risen somewhat at the Norwegian stations, while it has fallen elsewhere—chiefly in the south-west of our islands. Readings are generally highest over central France and lowest off our north-west coasts, while a very shallow depression appears off the north-east coast of England. The gradient from Dorset to Roches II is 0.05 in per 50 miles.

TEMPERATURE.

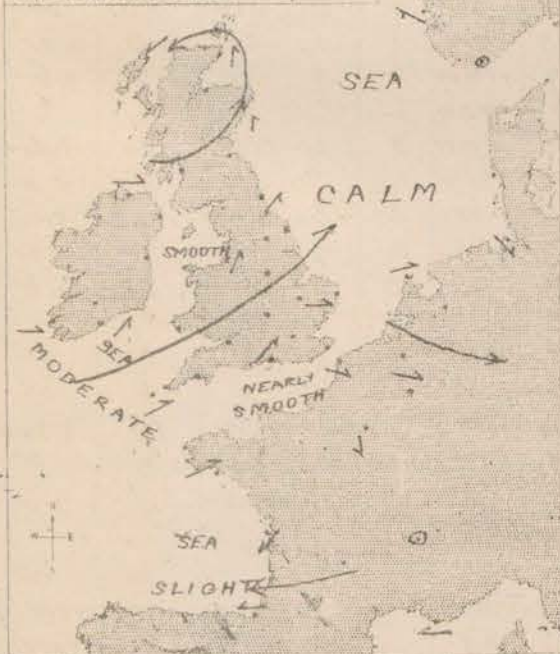
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperatures has changed little and variably; but in most places the tendency has been to decrease.

WIND & SEA.

- 1 Arrows fly with the wind
Force 0 to 1 - ○ Force 8 to 10 - →
2 Dark curved arrow shows apparent general motion of air



The winds are little changed—being SW in Ireland, England, and the north of France; S at variable in Scotland; and SE at Skutumpah, while the E breeze in the south-west of France is more marked than it was yesterday. The sea is moderate in the south-west, smooth elsewhere.

CLOUD, RAIN &c.

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



Cloudy weather continues in most places, with showers at several stations.

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

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

Vincent Street, London, W.I.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 6TH to JULY 12TH 1873.

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

During the seven days which closed on the 12th the weather over the north-west of Europe has been in a condition far from settled, although at the more eastern stations some very fine periods occurred about the 8th or 9th. Throughout the week the maximum pressures have been found over France, while the lowest lay to the north-west of our Islands so that the generally prevailing SW^{ly} breezes have produced constantly showery weather in the west and north of the Kingdom. In addition to this several distinct—though, so far as wind is concerned, unimportant depressions have passed over us in different directions so that nearly all places have had a prevalence of cloud and more or less rain, and consequently low temperatures for the time of year. In the south-west of France, however, the winds have been E^{ly}, except on the 8th, when the appearance of a slight depression near Paris reversed the direction for a few hours. Late on the 12th there were not only no signs of improvement manifested but the conditions were, if anything more intensified, and thunderstorms had become very prevalent.

JULY 6TH The depression which showed itself in the south of Ireland on the 5th had travelled N^W and now lay off the north-west coast of Scotland, — (where the mercury had descended a quarter of an inch), while that reported in the north had disappeared. A recovery of pressure had consequently taken place in the west and south as well as on the coasts of Norway and Denmark and while the wind veered to W at the southern stations and fell light accompanied by a decrease of temperature in the south-west—rather fresh SW^{ly} breezes prevailed in the north-west, and SE^{ly} winds on the eastern shores of the North Sea. Showery weather had been very general, with much thunder at Plymouth, but as the disturbance passed off the sky cleared generally and temperature rose more as the day advanced.

JULY 7TH At 8 am the eastern borders of a new depression was affecting the Irish stations, and in the night the barometers had begun to fall briskly there; while it had risen elsewhere. A very fresh S^{ly} breeze with a rise of temperature, cloudy weather and rain, had already set in over our most western stations, while the weather became cool but remained fine to the eastward and southward. In the west of France the wind was E^{ly}. This disturbance, however, proved very temporary and by the afternoon it was fast moving off to the N^W, so that with recovery of pressure in the south-west the wind veered and the weather cleared up.

JULY 8TH A very general increase of pressure had taken place; and throughout western Europe readings had become much more uniform than of late though they were

still lowest off our north-west coasts. Temperatures rose considerably in the east and south-east. Light SW or S breezes prevailed over the British Isles and the North Sea, while in the north-east of France, owing to the formation of a very shallow depression over the Central Departments, light NE airs were reported and a temporary reversal of the wind in the west of France was noticed. The weather remained very cloudy at most of our own stations with some rain in the west, but in France and on the North Sea coasts the sky was clear. During the day this shallow depression moved NE^{ward}, and at evening the weather became very cloudy in London, with slight rain.

JULY 9TH A further increase of pressure had occurred over the British Isles and France, while in the Netherlands and Denmark owing to the proximity of the small disturbance noticed near Paris yesterday, a slight fall of the barometer was reported and there were some signs of a new decrease reported at the north-western stations. Thus, while moderate W breezes were yet blowing at our western and northern stations the wind veered into W or NW in the south-east of England and drew round through WSW at the Helles to SSW at Cuxhaven and Janö. In the mean time the E breeze became re-established in the south-west of France, with calms at Brest and L'Orient. The weather continued generally clear at the eastern stations and cloudy in the west, but during the day an improvement took place at Rochefort.

JULY 10TH The fall of the barometer shown in the north-west yesterday had continued and extended to all stations. The centre of a not very serious depression had advanced over the north-west of Scotland, while that noticed in the east yesterday had apparently reached the south of Norway. Under these circumstances moderate W breezes were reported from the western stations, drawing round through SW in the south-east of England, and S on our east coast to SE in the north of Scotland, while over the eastern side of the North Sea a distinct circulation prevailed giving high NW breezes in the west of Norway, W winds in Denmark and WSW in the Skager Rack. Rain had fallen in the west and north and the sky was cloudy generally. The northern depression travelled E^{ward} and by 2pm the barometer had fallen nearly a tenth of an inch at Skudesnaes, where the wind had shifted to S.

JULY 11TH Yesterday's disturbance had apparently disappeared over Norway, where the mercury fell briskly. Its passage had been marked by a slight recovery on our north-east coasts, but already the barometer was falling again in the west, and over France also pressure had decreased slightly. The wind was SW on the Norwegian and Danish coasts, while in the east of England it was W, but in Ireland it had backed to SW again. In France variable airs and calms prevailed. The changes of temperature continued to be slight and irregular, the sky cloudy (except in the north-east) and the weather shivery in the west and north.

JULY 12TH After a very slight rise of the barometer at Valencia on the pm of the 11th the descent had been assumed briskly during the night; and at all but the Norwegian stations (where a rise of nearly 0.2 in. occurred) the mercury was lower than at dawn on the 11th. Light SW breezes were prevalent throughout the United Kingdom and variable winds over the North Sea, but in the south-west of France there was the E breeze still holding. Towards night thunderstorms were felt in several parts of the country, and a sudden fall of the mercury set in at the south-western stations.

ROBERT H. SCOTT, Director.
Meteorological Office.

Sunday 8 a.m.

WEATHER REPORT.

July 13th 1873.

STATIONS	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Direction and Force.
	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.				
Haparande ...	29.61	-02	61	59	+3	*	*	W	2	1	SW	*	c	*	
Hernösand ...	29.60	-02	61	59	+1	*	*	E	2	1	?	*	r	*	
Stockholm ...	29.62	-14	64	62	+2	*	*	?	?	2	SE	*	r	*	
Wisby ...	29.67	-18	62	61	-1	*	*	NW	2	6	SSE	*	br	*	
Christiansund ...	29.72	-03	58	53	-3	*	*	?	2	2	N	*	2	*	
Skudesnaes ...	29.68	-06	62	55	+6	*	*	E	4	4	SSE	*	2	*	
Oxö (Xtansand) ...	29.66	-11	57	54	+1	*	*	SW	2	2	SW	*	2c	*	
Skagen (The Skaw) ...	29.82		60	57		*	*	SW	?	*	*	*	r	*	
Fanö ...	29.79		61	59		*	*	S	?	*	*	*	c	*	
Cuxhaven ...	29.78	+03	61	59	-2	68	?	SW	2	3	NNW	4	c	0.04	
Sumburgh Head															
Stornoway (Hebrides.)															
Thurso ...	29.49	-04	56	54	-1	62	41	SSE	?	2	SE	9	gfo	0.28	
Wick ...	29.48	-08	53	50	-3	61	40	SSE	1	2	S	10	co	0.08	
Nairn ...	29.50	-06	56	52	+2	66	47	L	0	1	NW	8	cto	0.51	
Aberdeen ...	29.54	-10	56	53	-1	69	51	SW	1	3	S	8	co	0.13	
Leith ...	29.52	-07	59	55	+3	64	49	NE	2	2	NE	5	hpc	0.16	
Shields ...	29.57	-07	58	55	-1	67	53	SSW	2	4	SSW	7	c	0.19	
York ...	29.63	-07	60	55	+1	69	47	SSW	2	3	SW	4	pzc	0.24	
Scarborough ...	29.62	-05	60	56	-2	68	51	SW	2	6	SSE	5	rc	0.26	
Nottingham ...	29.67	-07	65	59	0	73	44	SSW	3	6	S	8	utu	0.04	
Ardrossan ...	29.53	-06	55	52	-1	64	53	SW	2	3	SW	5	c	0.02	
Greencastle ...	29.53	-04	59	55	+3	60	51	WSW	2	3	SW	7	pc	0.36	
Donaghadee ...	29.54	-05	58	51	0	61	49	WSW	3	4	N	10	r	0.04	
Kingstown ...	29.57	-08	56	53	-1	63	53	L	0	3	SSE	9	tlo	0.29	
Holyhead	29.58	-06	57	54	0	65	53	SW	3	5	SW	4	c	—	
Liverpool (Bidston Obs.)	29.63	-08	57	52	0	65	59	S	2	3	SW	3	cb	0.09	
Valencia ...	29.57	-05	57	54	+2	65	55	N	3	4	WNW	3	fb	0.02	
Roche's Point ...	29.56	-06	57	55	-1	65	49	SSE	1	4	N	6	thc	0.42	
Pembroke ...	29.60	-09	62	48	+4	63	55	S	1	3	WSW	4	cto	—	
Portishead ...	29.64	-09	61	57	0	70	48	WSW	3	3	W	10	rtso	1.02	
Scilly ...	29.58	-13	59	56	0	66	54	NNE	3	5	WSW	7	pc	0.01	
Plymouth ...	29.59	-18	57	57	-4	68	51	ESE	2	4	S	10	pd	0.02	
Portsmouth ...	29.67	-13	59	58	-2	69	57	SSW	2	4	SW	8	cz	0.05	
Dover ...	29.76	-05	63	60	0	66	56	SW	3	3	SW	5	c	0.01	
London ...	29.71	-08	64	58	-1	71	52	S	3	5	SSW	6	c	—	
Oxford ...	29.68	-08	59	55	-1	70	47	SW	1	4	SW	3	ot	0.22	
Cambridge ...	29.71	-05	61	55	-2	72	50	SSW	2	3	SSW	4	pzc	0.01	
Yarmouth ...	29.72	-05	61	57	0	68	54	SW	3	6	S	4	rtzc	0.15	
Helder ...			*	*		*	*				*	*	*	*	
Cape Gris Nez ...	29.79	-02	60	56	+3	68	57	WSW	4	4	WSW	6	c	—	
Brest ...	29.56	-29	60	60	+2	65	55	SW	7	7	SW	10	r	1.02	
L'Orient ...	29.67	-19	62	60	0	74	57	SW	7	7	SW	10	r	0.32	
Roche fort ...	29.93	-04	67	60	+3	82	63	SW	7	5	NW	4	c	—	
Biarritz ...	29.91	+07	64	62	0	68	58	E	3	5	N	2	rc	0.75	
Corunna ...	30.08		68	*		*	*	NW	3	*	*	*	b	*	
Brussels ...	29.84	+03	66	*	+2	*	*	WSW	1	*	*	*	h	*	
Charleville ...	29.83	-05	61	*	+1	*	*	SW	1	*	*	*	c	*	
Paris ...	29.89	+01	69	69	+9	69	55	SW	3	0	L	9	lc	—	
Lyons ...	30.06	+06	72	*	-3	*	*	N	1	*	*	*	?	*	
Toulon ...	29.90	-07	74	65	0	81	62	NNW	1	4	ESE	0	niz	0.04	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	
Skudesnaes ...	29.71	66	61	SSE	4	*	c	3	Valencia ...	29.60	55	53	WNW	4	7
Thurso ...	29.52	59	55	S	1	8	pg	1	Scilly ...	29.71	65	59	WSW	5	5
Scarborough...	29.65	67	59	SW	2	6	c	1	London ...	29.76	68	60	SW	4	9
Greencastle ...	29.54	60	55	S	1	9	o	*	Roche fort ...	29.99	72	61	S	1	10
Holyhead ...	29.57	61	58	SW	5	2	f	3							

The barometer is inclined to rise a little at the most S³ stations but has continued to fall slowly elsewhere. The wind has veered to WNW at Valencia, but the weather continues showery in the W and N. —

EXPLANATION OF COLUMNS.

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

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

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

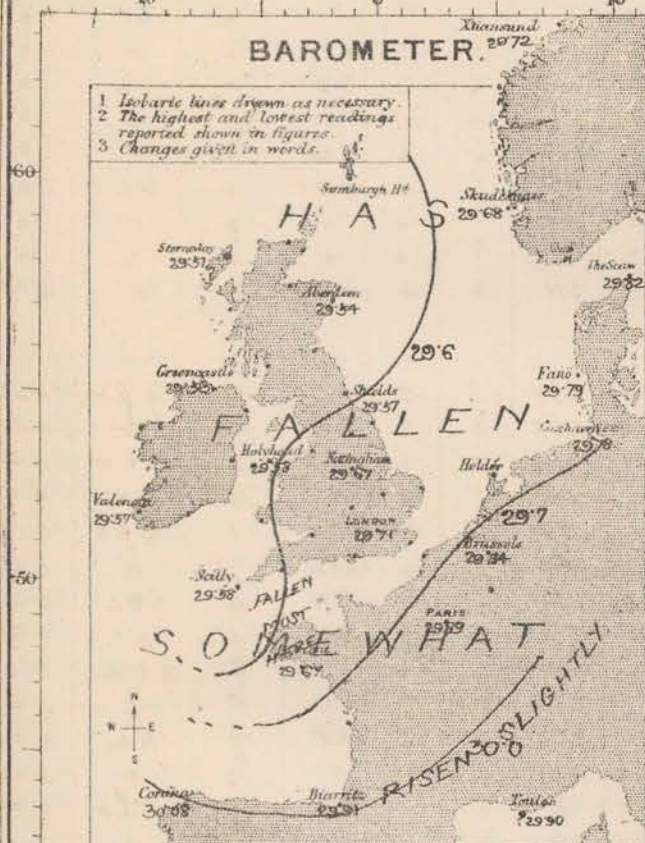
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 13TH JULY 1873 AT 8 A.M.

BAROMETER.

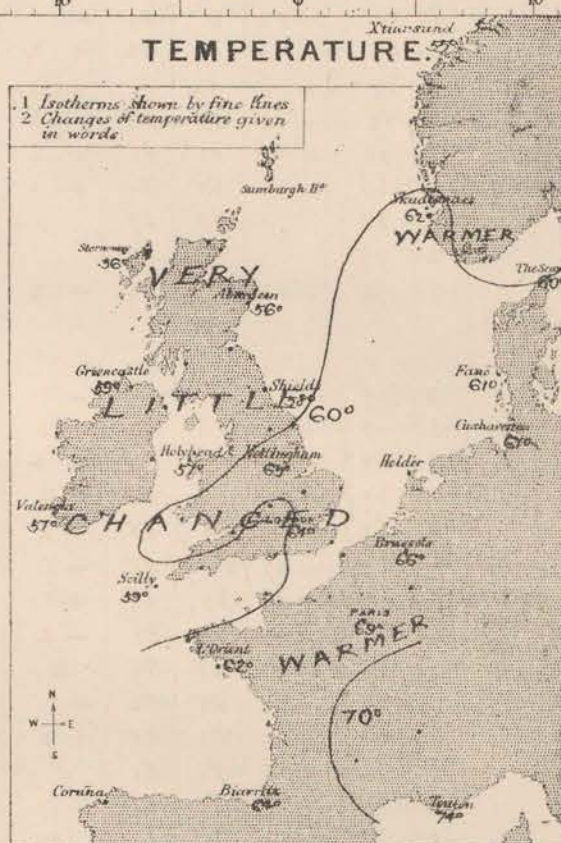
- 1 Isobaric lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Scarcely any change of pressure or wind had occurred on our coast up to last evening, but during the night a very sudden fall of the barometer has taken place near the mouth of the Channel amounting to nearly 0.3 in at Port. A small but deep depression appears to be advancing rapidly on our southern stations from the SW, and the gradient from Rochefort to Port is 0.09 in per 50 miles.

TEMPERATURE.

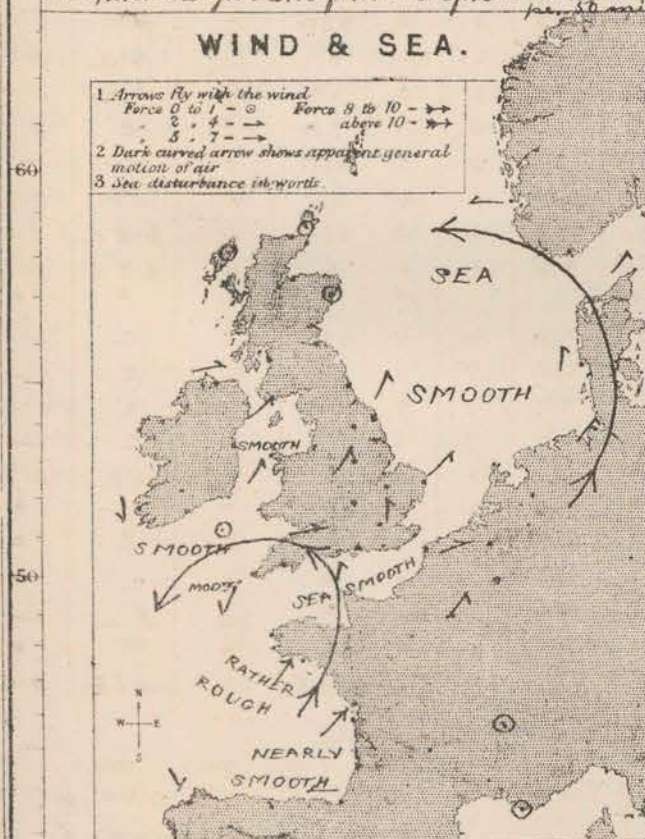
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has changed very little and variably.

WIND & SEA.

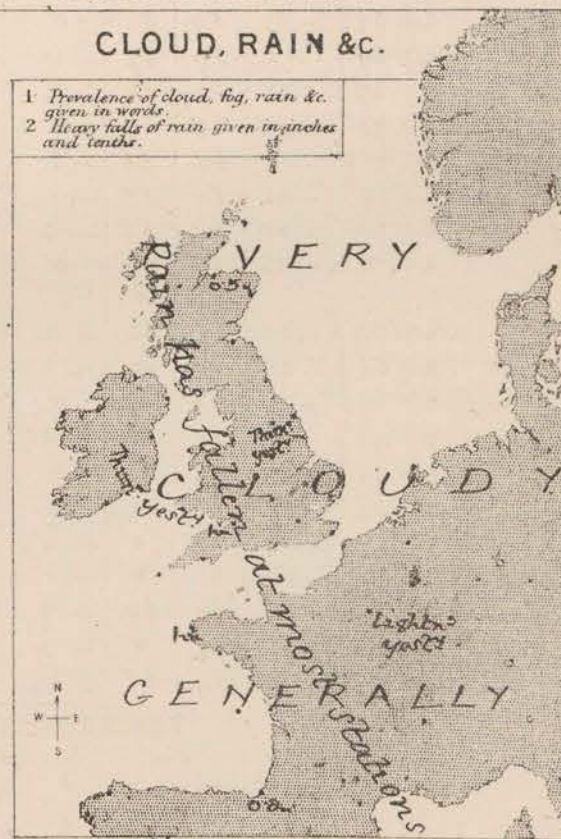
- 1 Arrows fly with the wind.
Force 0 to 1 - - - Force 8 to 10 - - -
2 - 4 - - - above 10 - - -
3 - 7 - - -
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Light SW breezes still prevail over the greater part of our islands, but in the west of France (under the influence of the advancing disturbance) the wind has increased quickly to a moderate gale from SW, while at Scilly it has shifted to NNE, and to N at Valence. The sea is rough on the north-west coast of France, slight or smooth elsewhere.

CLOUD, RAIN & C.

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



Thunderstorms have occurred at many of our stations. Heavy rain has set in on the north-west coast of France. The sky is very cloudy in most places, and the weather is unsettled in the south.

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

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

Monday 8 a.m.

WEATHER REPORT. July 14th 1873.

STATION.	BAROMETER		THERMOMETERS (In shade)					WIND				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distance 0 to 10.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.62	+01	60	59	-1	*	*	N	4	1	SW	*	?	*	*
Hernösand ...	29.61	+01	67	58	+6	*	*	S	2	2	?	*	6	*	*
Stockholm ...	29.77	+15	65	59	+1	*	*	SW	2	2	WSW	*	6	*	*
Wisby ...	29.78	+11	63	59	+1	*	*	W	2	2	SW	*	6	*	*
Christiansund ...	29.59	-13	57	54	+2	*	*	WSW	2	4	SSE	*	co	*	1
Skudesnaes ...	29.36	-32	53	52	-9	*	*	ENE	6	4	SSE	*	co	*	4
Oxö (Xtiansand)	29.43	-23	59	57	+2	*	*	ENE	6	4	SW	*	r	*	4
Skagen (The Skaw)						*	*				*	*	*	*	4
Fanö ...						*	*				*	*	*	*	4
Cuxhaven ...	29.65f	-13	65	62	+4	75	?	SW	6	4	E	4	c	0.02	0
Sumburgh Head															
Stornoway (Hebrides)	29.41f	-10	55	54	-1	60	57	Z	0	2	NE	9	ro	0.15	0
Thurso ...	29.39f	-10	53	57	-3	59	48	Z	0	2	ENE	8	o	0.07	0
Wick ...	29.42f	-06	52	57	-1	57	47	W	1	1	E	8	o	0.06	0
Nairn ...	29.43f	-07	58	54	+2	62	52	W	1	1	W	6	oc	0.02	0
Aberdeen ...	29.42f	-12	55	52	-1	60	48	NW	1	3	S	7	pc	0.66	1
Leith ...	29.46f	-06	59	54	0	65	48	W	3	2	SE	1	ctb	0.06	*
Shields ...	29.48f	-09	57	53	-1	64	52	WNW	4	3	WSW	1	cb	—	1
York ...	29.53f	-10	57	54	-3	68	49	WSW	2	2	SSW	3	rb	0.44	*
Scarborough ...	29.53f	-09	60	56	0	67	52	W	3	4	S	2	rb	0.31	2
Nottingham ...	29.61f	-06	59	57	-6	72	54	SW	3	4	NNW	9	rw	0.41	*
Ardrossan ...	29.50f	-03	56	52	0	64	50	SW	1	2	SW	6	c	—	0
Greencastle ...	29.57f	-02	58	54	+2	59	50	SW	4	4	SW	5	c	0.14	*
Donaghadee ...	29.52f	-02	59	57	+1	61	49	W	2	3	WSW	3	cb	—	2
Kingstown ...	29.54f	00	55	57	-1	63	52	WSW	3	3	SE	3	cb	0.06	2
Holyhead ...	29.57f	-01	57	53	0	64	53	SSW	2	3	SW	6	c	—	1
Liverpool (Bidston Obs.)	29.62	-01	58	53	+1	68	49	WSW	2	4	W	4	oc	0.05	3
Valencia ...	29.60f	+03	57	55	0	61	55	SSW	3	3	N	5	cp	0.01	2
Roche's Point ...	29.59f	+03	56	54	-1	64	48	S	1	3	NW	8	po	0.40	1
Pembroke ...	29.62f	+02	59	55	-3	68	55	W	1	3	WNW	4	bo	—	1
Portishead ...	29.67f	+03	60	57	-1	61	48	SW	3	3	SW	4	rc	0.43	3
Scilly ...	29.69f	+11	60	56	+1	63	56	WSW	5	9	WSW	6	cp	0.02	4
Plymouth ...	29.68f	+09	60	58	+3	60	54	WSW	4	4	WSW	5	rc	0.38	*
Portsmouth ...	29.71f	+04	60	58	+1	65	53	SW	4	8	SSW	7	rp	1.12	3
Dover ...	29.74f	-02	62	59	-1	67	53	SW	4	6	SW	3	wb	0.42	4
London ...	29.70f	-01	62	56	-2	68	49	WSW	3	8	S	7	rgc	0.84	*
Oxford ...	29.68	00	58	55	-1	62	50	SW	2	4	NW	9	ro	0.96	*
Cambridge ...	29.68f	-03	58	53	-3	69	49	WSW	2	2	S	5	rc	1.11	*
Yarmouth ...	29.67f	-05	57	55	-4	65	52	WSW	4	7	S	4	rgc	0.87	3
Helder ...	29.65	?	61	*	?	*	*	SW	7	*	*	*	*	*	4
Cape Gris Nez...	29.75f	-04	58	54	-2	70	56	WSW	5	8	SSW	3	rc	0.16	4
Brest ...	29.78f	+22	59	59	-1	63	55	WSW	4	7	SW	5	rc	0.87	5
L'Orient ...	29.81f	+14	61	57	-1	84	56	WSW	4	7	SW	5	rc	0.08	5
Rocheport ...	29.93f	00	63	59	-4	73	59	SW	3	7	SW	10	co	0.16	3
Biarritz ...	29.96f	+05	64	62	0	79	62	W	3	5	SW	10	ct	0.24	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	29.80	-04	63	*	-3	*	*	W	3	*	*	*	c	*	*
Charleville ...	29.88	+05	61	*	0	*	*	NW	9	*	*	*	c	*	*
Paris ...	29.86f	-03	59	59	-10	74	56	WSW	4	8	S	10	o	—	*
Lyons ...	30.00	-06	73	*	+1	*	*	Z	0	*	*	*	b	*	*
Toulon...	29.98f	+08	75	66	+1	84	66	Z	0	5	WNW	0	Lb	—	3

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.
Skudesnaes ...	29.64	62	57	SSE	6	*	c	3	Valencia ...					
Thurso ...									Scilly ...					
Scarborough ...									London ...					
Greencastle ...							*		Rocheport ...	29.88	72	61	NW	7
Holyhead ...													6	c

EXPLANATION OF COLUMNS.

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

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

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

1873 AT 8 A.M.

The small depression noticed at the mouth of the Channel yesterday morning passed rapidly over our southern and south-eastern stations during the day, and now lies between the Scotch and Norwegian coasts. From this the barometer has since recovered quickly on the south, whereas rather brisk fall is shown in the south of Norway. Gradients are steepest over the S^W parts of the N. Sea.

Temperature has changed
very irregularly. In central and
south eastern England it has fallen
somewhat, as well as at Skudenes.



The wind rose to a fresh squally S^W gale at the southern stations for a few hours yesterday, but this has now subsided. Moderate N^W winds are now prevalent in England and France, strong S^W breezes in Holland, and fresh E^W winds are reported from Norway. In the north and west of our island the wind is very rapid. The sea is rather rough in the Bay of Biscay, moderate to smooth elsewhere.

Very heavy rain accompanied the disturbance noted above, and a less quantity fell in most parts of our islands. The sky is very cloudy in Scotland and Norway, rather so in most other places.

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

Vincent Brooks - Ayden, Lincs. Lonsdale W.I.

Tues-day 8 a.m.

WEATHER REPORT.

July 15th 1873.

STATIONS.	BAROMETER		THERMOMETERS (In shade)					WIND				Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday	In past 24 hours		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...						*	*					*		*	*
Skudesnaes ...						*	*					*		*	*
Oxö (X'hausaad)						*	*					*		*	*
Skagen (The skaw)						*	*			*	*	*		*	*
Fanö ...						*	*			*	*	*		*	*
Cuxhaven ...	29.725	+07	60	57	-5	72	?	E	3	3	N	9	c	0.10	5
Sumburgh Head															
Stornoway (He- brides)	29.622	+21	53	51	-2	60	44	NE	1	1	NE	8	p	0.57	0
Thurso...	29.572	+18	57	54	+4	58	45	Z	0	1	N	4	o	0.04	0
Wick ...	29.612	+19	57	55	+5	59	43	SE	1	1	E	3	nbz	0.15	0
Nairn ...	29.612	+18	53	50	-5	64	44	Z	0	1	S	8	do	0.04	0
Aberdeen ...	29.592	+17	53	51	-2	61	49	Z	0	1	S	6	zlm	0.08	0
Leith ...	29.612	+15	54	53	-5	70	48	NW	2	3	N	7	c	0.04	*
Shields...	29.622	+14	56	54	-1	66	54	N	1	4	N	6	ozc	0.26	1
York ...	29.652	+12	55	53	-2	68	49	SW	1	2	SSW	4	pcz	0.23	*
Scarborough ...	29.632	+10	53	52	-7	64	52	SW	2	2	SW	10	zn	0.27	3
Nottingham ...	29.702	+09	62	58	+3	71	50	WSW	2	4	SSW	9	nz u	0.28	*
Ardrossan ...	29.622	+12	57	55	+1	63	52	ESE	1	3	SW	5	cm	0.02	0
Greencastle ...	29.642	+13	55	53	-3	60	50	WSW	1	4	WSW	8	pzo	0.43	*
Donaghadee ...	29.612	+09	57	55	-2	61	51	WSW	2	3	SSW	5	c	0.01	2
Kingstown ...	29.642	+07	55	52	0	61	53	WSW	4	4	SE	8	no	0.39	3
Holyhead ...	29.632	+06	54	53	-3	65	54	SW	4	4	SSW	6	n	0.07	3
Liverpool (Bidston Obs.)	29.692	+07	62	55	+4	67	50	WSW	2	3	N	9	co	0.08	2
Valencia ...	29.832	+23	58	55	+1	62	54	N	4	4	N	6	c	—	3
Roche's Point ...	29.772	+18	57	53	+1	62	51	NW	3	3	NW	5	zhc	0.28	3
Pembroke ...	29.732	+11	57	53	-2	63	53	N	5	4	N	3	po	0.02	2
Portishead ...	29.752	+08	57	56	-3	68	49	WSW	4	3	N	8	pu	0.88	3
Scilly ...	29.852	+16	57	55	-3	63	53	N	5	6	N	5	p	0.30	5
Plymouth ...	29.812	+13	59	57	-1	66	54	WSW	4	4	WSW	5	pm	0.06	*
Portsmouth ...	29.812	+10	59	57	-1	65	54	SW	4	5	SW	7	ch	0.11	3
Dover ...	29.812	+07	61	57	-1	65	56	SW	4	4	SW	5	ba	—	4
London ...	29.772	+07	63	57	+1	69	51	WSW	3	4	SW	6	pzc	0.04	*
Oxford ...	29.76	+08	58	54	0	68	50	SW	2	5	N	7	zc	0.36	*
Cambridge ...	29.752	+07	59	53	+1	67	48	SW	1	1	SW	4	zpc	0.23	*
Yarmouth ...	29.722	+05	57	54	0	67	51	N	4	5	WSN	5	ztc	0.18	2
Heider ...	29.74	+09	59	*	-2	*	*	WSW	6	*	*	*	*	*	2
Cape Gris Nez...	29.812	+06	57	53	-1	66	56	WSW	7	5	WSW	7	co	—	5
Brest ...	29.952	+17	55	55	-4	64	51	N	5	7	N	10	o	0.16	5
L'Orient ...	29.992	+18	58	56	-3	71	55	N	5	5	N	8	co	0.04	4
Rocheport ...	30.092	+16	64	59	+1	69	60	NW	7	7	?	10	cz	0.28	5
Biarritz ...	30.192	+23	60	58	-4	68	59	SE	4	4	N	10	z	0.12	5
Corunna ...			*	*		*	*			*	*	*		*	*
Brussels ...	29.87	+07	63	*	0	*	*	WSW	4	*	*	*	o	*	*
Charleville ...	29.97	+09	57	*	-4	*	*	?	?	*	*	*	o	*	*
Paris ...	29.952	+09	59	59	0	69	53	SW	5	5	SW	6	oc	0.08	*
Lyons ...	30.00	00	68	*	-5	*	*	NE	3	*	*	*	c	*	*
Toulon...	30.012	+03	65	54	-10	82	58	NW	7	4	WSW	?	c	—	5

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

	Bar	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar	Dry.	Wet.	Wind	C.	Wes.		
Skudesnaes ...	29.23	57	55	SW	8	*	5	9	Valencia ...	29.66	60	56	W	4	4	c
Thurso ...	29.41	57	54	N	1	8	5	1	Scilly ...	29.71	62	59	WSW	5	6	p
Scarborough...	29.57	61	57	WSW	2	8	20	3	London ...	29.71	66	59	SW	3	6	pc
Greencastle ...	29.52	57	55	I	0	9	E	*	Rocheport ...	29.97	62	58	?	7	6	n
Holyhead ...	29.59	62	56	SSW	3	2	2	2								

The barometer is now rising at all our stations. — The wind has veered to West at Valencia, and Thunder has occurred at Scarborough and 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. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

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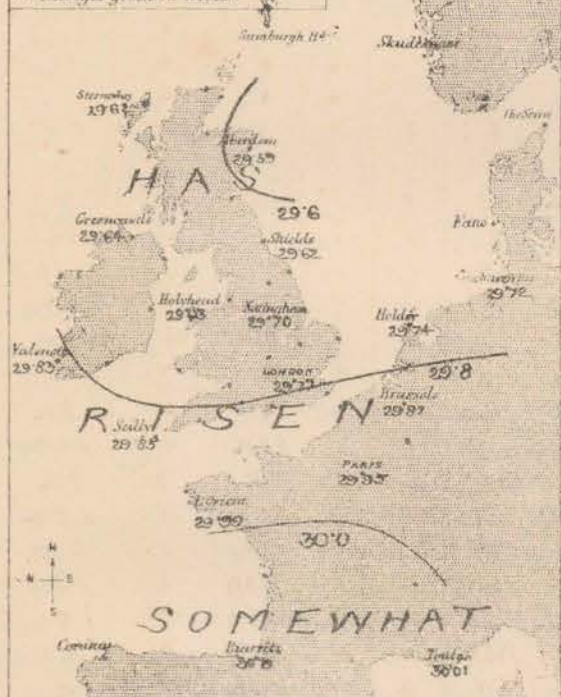
WEATHER CHARTS

AND REMARKS FOR

TUESDAY 15TH JULY 1873 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 recovery of the barometer noticed in the north yesterday morning, extended during the day to all our stations. Pressure is very uniform in the north, but the gradient from Rockport to Penzance is 0.05 in. per 50 miles.

TEMPERATURE.

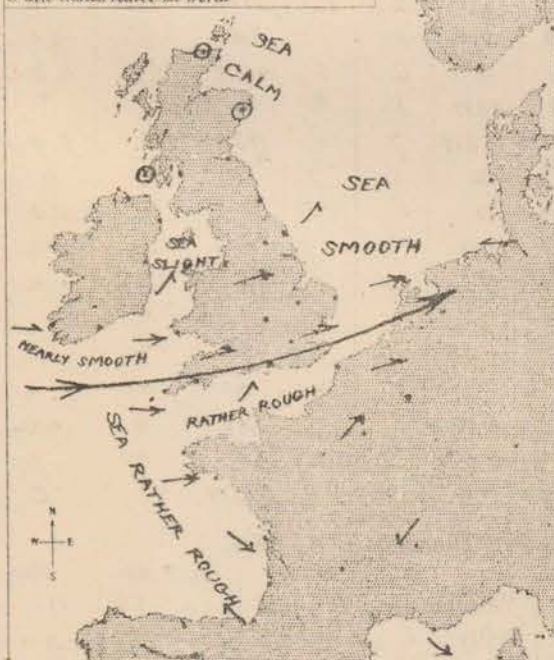
1. Isotherms shown by fine lines
2. Changes of temperature given in words



Temperatures have changed very irregularly, but the general tendency has been to decrease a little.

WIND & SEA.

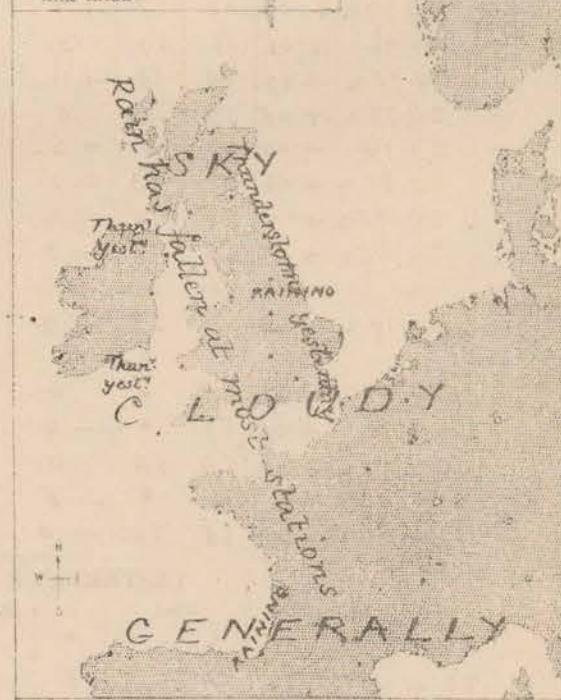
1. Arrows fly with the wind. Force 0 to 4 -> Force 5 to 10 -> Force above 10 ->
2. Dark curved arrow shows apparent general motion of air
3. Sea disturbance in words



Very light air and calms continue on our north and north-west coasts, while moderate W and SW breezes are blowing in the south of our islands and north of France, and a strong NW wind at Rockport. The sea is rather rough in the Channel and Bay of Biscay, smooth elsewhere. The north and west of our islands the wind is very mild and

CLOUD, RAIN & C.

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



Thunderstorms occurred in many parts of the Kingdom last night. Rain has fallen at nearly all stations. The sky is cloudy generally, with rain in the east of England.

ERRATUM. In yesterday's remarks on the wind for the north and west of our islands the wind is very light.

Subscription for these Charts payable in advance to order delivery. Delivery by hand 1/6 per quarter. Post 5 pence per quarter.

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

Wednesday 8 a.m.

WEATHER REPORT.

July 16th 1873.

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 100.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.87	+24	63	58	+1	*	*	SE	2	2	S	*	C	*	*
Hernösand ...	29.58	-07	58	55	-1	*	*	NE	8	9	9	*	o r	*	*
Stockholm ...	29.14	9	60	57	-5	*	*	N	6	6	E	*	o	*	*
Wisby ...	29.65	-21	57	9	-9	*	*	N	8	6	9	*	z	*	*
Christiansund ...	29.53	+03	51	51	-6	*	*	N	6	4	NNW	*	o	*	4
Skudesnaes ...	29.71	+01	57	54	-2	*	*	NNW	8	4	SSW	*	r	*	4
Oxö (X'Wansand)	29.49	-26	54	52	-5	*	*	SW	4	0	I	*	o r	*	3
Skagen (The Skaw)	29.61	-20	58	53	-1	*	*	N	8	*	*	*	C	*	*
Fanö ...	29.70	-09	52	58	+3	*	*	SW	4	*	*	*	C	*	*
Cuxhaven ...	29.92 f	+20	58	56	-2	65	9	WSW	5	4	SW	9	o	0.19	0
Sumburgh Head															
Stornoway (Hebrides.)	29.90 r	+28	52	50	-1	57	46	SSW	1	4	N	2	g b	0.06	1
Thurso ...	29.85 r	+28	51	46	-6	63	49	NNW	2	3	NNW	7	C	0.03	2
Wick ...	29.89 r	+28	50	46	-7	64	48	NN	3	3	NN	10	C o z	—	1
Nairn ...	29.92 r	+31	55	50	+2	63	50	N	1	1	N	6	p c	0.10	1
Aberdeen ...	29.89 r	+30	52	49	-1	62	51	NN	3	1	N	6	o c	0.02	1
Leith ...	29.94 r	+33	56	53	+2	70	51	NN	3	3	NN	5	p c	0.02	*
Shields ...	29.92 r	+30	57	54	+1	64	51	NNN	3	3	NN	5	z c	0.11	2
York ...	29.95 r	+30	59	53	+4	65	48	N	2	3	NN	2	C z b	0.09	*
Scarborough ...	29.93 r	+30	59	55	+6	65	50	NNN	2	3	N	7	z c	0.08	3
Nottingham ...	30.01 r	+31	66	63	+4	70	45	NN	2	3	NN	1	r o	0.14	*
Ardrossan ...	30.00 r	+38	56	50	-1	66	53	NN	3	3	NN	6	C	0.01	2
Greencastle ...	30.05 r	+41	56	52	+1	62	49	NNN	2	3	NN	5	C	0.02	*
Donaghadee ...	30.02 r	+41	56	53	-1	64	50	NN	3	4	NN	3	C z	0.05	2
Kingstown ...	30.09 r	+45	53	51	-2	64	51	NNN	3	6	NNN	6	g z m	0.04	2
Holyhead ...	30.04 r	+41	57	54	+3	64	53	NNN	3	4	SSW	5	z c	—	2
Liverpool (Bidston Obs.)	30.06 r	+37	60	56	-2	63	52	NNN	4	5	N	3	C z	0.02	4
Valencia ...	30.07 r	+24	60	57	+2	63	55	S	2	3	NN	4	C	—	2
Roche's Point ...	30.08 r	+31	54	51	-3	65	48	NN	1	4	NN	2	z	—	2
Pembroke ...	30.10 r	+37	58	54	+1	61	55	WNW	1	6	N	3	C o	—	1
Portishead ...	30.07 r	+32	62	58	+5	66	52	WNW	3	6	WNW	4	g c	0.19	3
Scilly ...	30.12 r	+27	60	58	+3	64	55	S	1	5	N	6	g c	—	2
Plymouth ...	30.13 r	+32	60	58	+1	69	50	I	0	5	NNN	6	C f	0.01	*
Portsmouth ...	30.09 r	+28	62	57	+3	65	53	NNN	1	5	WSW	5	u z z	0.15	1
Dover ...	30.03 r	+22	67	60	+6	67	54	NNN	3	5	WSW	3	p z z	0.27	3
London ...	30.04 r	+27	62	57	-1	69	50	NNN	2	5	WSW	1	p b z	0.19	*
Oxford ...	30.07	+31	58	55	0	67	50	N	2	5	N	7	z b c	0.04	*
Cambridge ...	30.04 r	+29	60	54	+1	68	50	NN	9	1	N	4	p z c	0.89	*
Yarmouth ...	29.96 r	+24	58	56	+1	66	51	NN	4	4	WSW	5	r z c	0.26	1
Helder ...	29.84	+10	60	*	+1	*	*	N	3	*	*	*	*	*	4
Cape Gris Nez ...	30.04 r	+23	57	53	0	60	56	WSW	5	8	WSW	1	C z	—	5
Brest ...	30.17 r	+22	59	59	+4	64	53	SSW	3	4	SW	5	r c	0.16	5
L'Orient ...	30.19 r	+20	59	57	+1	70	55	NN	1	5	WSW	4	r c	0.28	3
Rochefort ...	30.25 r	+16	63	61	-1	68	60	NN	8	7	SW	10	o	0.12	5
Biarritz ...	30.30 r	+11	65	60	+5	71	59	N	3	4	NN	7	r f	0.12	6
Corunna ...				*		*	*			*	*	*	*	*	*
Brussels ...	30.01	+14	60	*	-3	*	*	N	3	*	*	*	C	*	*
Charleville ...	30.13	+16	56	*	-1	*	*	SW	6	*	*	*	o	*	*
Paris ...	30.13 r	+18	64	64	+5	64	59	N	3	7	SW	0	r z	0.16	*
Lyons ...	30.28	+28	68	*	0	*	*	SE	1	*	*	*	C	*	*
Toulon ...	30.12 r	+11	64	55	-1	89	61	NN	7	7	NN	2	z c	—	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind	C.	Wen.	
Skudesnaes ...	29.68	57	54	SSE	2	*	0	2	Valencia ...	29.94	61	57	NN	3	2
Thurso ...	29.63	59	54	WSW	1	5	C	1	Scilly ...	29.94	62	58	W	4	4
Scarborough...	29.64	62	58	W	3	8	K	3	London ...	29.79	63	58	WSW	3	6
Greencastle ...	29.73	59	56	NN	3	6	C	*	Rochefort ...	30.18	68	59	SW	7	6
Holyhead ...	29.73	62	57	WSW	4	3	Z	3							

The barometer continues to rise generally. The wind has veered to NW in Ireland; and the weather continues very showery in London.

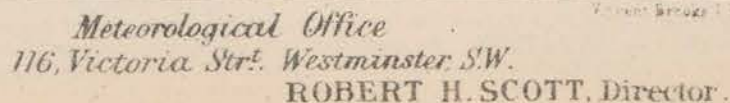
EXPLANATION OF COLUMNS.

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

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

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

WEDNESDAY 16TH JULY 1873 AT 8 A.M.



Thursday 8 a.m.

WEATHER REPORT.

July 17th 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dis- tance. 0 to 5.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.76	-0.9	64	60	+1	*	*	SE	4	2	E	*	5	*	*
Hernösand ...	29.75	+1.7	57	54	-1	*	*	9	9	4	S	*	9	*	*
Stockholm ...	29.80		62	58	+2	*	*	SSW	2	4	SSW	*	7	*	*
Wisby ...	29.88	+2.3	58	55	+1	*	*	W	2	2	SW	*	7	*	*
Christiansund ...	29.82	+2.9	50	48	-4	*	*	SW	6	6	WSW	*	on	*	9
Skudesnaes ...	29.97	+2.6	54	51	-3	*	*	WNW	2	6	WNW	*	c	*	3
Oxö (X'iansand) ...	29.99	+5.0	55	49	+1	*	*	W	6	4	W	*	7	*	4
Skagen (The Skaw) ...	29.96	+3.5	58	51	0	*	*	WNW	8	*	*	*	7	*	*
Fanö ...	30.18	+4.8	61	55	-1	*	*	W	6	*	*	*	c	*	*
Cuxhaven ...	30.18	+2.6	60	55	+2	9	52	W	4	7	WNW	3	57	0.25	0
Sumburgh Head															
Stornoway (Hebrides) ...	29.72	-1.8	51	50	-1	59	45	ESE	2	5	W	9	cd	0.06	2
Thurso ...	29.81	-0.4	55	51	+4	59	45	S	2	2	WNW	7	c	0.01	1
Wick ...	29.85	-0.4	55	53	+5	60	45	S	2	2	S	8	no	0.31	1
Nairn ...	29.83	-0.9	60	54	+5	63	49	SW	1	2	W	3	cz	—	0
Aberdeen ...	29.91	+3.2	56	52	+4	62	46	SSW	2	2	SW	3	pc	0.02	1
Leith ...	29.90	-0.4	57	53	+1	72	50	S	2	3	WNW	6	c	—	*
Shields ...	29.97	+0.5	57	53	0	62	52	S	3	3	WNW	8	co	0.05	2
York ...	30.00	+0.8	59	55	0	68	50	S	1	2	W	4	zc	—	*
Scarborough ...	30.00	+0.7	62	58	+3	62	50	SW	1	2	WNW	7	zc	0.07	9
Nottingham ...	30.07	+0.6	61	59	-5	72	48	SSW	3	3	WNW	8	bu	—	*
Ardrossan ...	29.88	-1.2	57	54	+1	66	53	SE	4	4	SE	8	co	—	3
Greencastle ...	29.76	-2.9	58	57	+2	61	55	SSW	4	4	SSW	10	cq	0.04	*
Donaghadee ...	29.83	-1.9	55	55	-1	64	53	S	4	4	S	10	cd	0.21	3
Kingstown ...	29.89	-2.0	61	59	+8	62	53	SSW	2	4	SE	10	og	—	1
Holyhead ...	29.92	-1.2	59	58	+2	65	55	SSW	2	2	WNW	10	r	0.09	1
Liverpool (Bidston Obs.) ...	30.00	-0.6	60	56	0	64	53	SSE	2	4	WNW	10	co	—	2
Valencia ...	29.90	-1.7	60	59	0	64	57	SW	4	4	S	8	r	0.62	4
Roche's Point ...	29.94	-1.4	59	58	+5	67	53	SW	4	4	SW	9	m	0.10	3
Pembroke ...	30.03	-0.7	59	59	+1	65	57	SW	4	3	SW	10	of	0.01	2
Portishead ...	30.07	0.0	64	62	+2	69	56	SW	4	4	WNW	10	cq	—	2
Scilly ...	30.12	0.0	62	61	+2	66	60	SW	5	5	SW	9	f m	0.12	3
Plymouth ...	30.14	+0.1	61	61	+1	68	58	S	2	3	SSW	10	2f	0.14	*
Portsmouth ...	30.13	+0.4	63	62	+1	69	58	SW	2	3	WSW	8	co	0.01	1
Dover ...	30.15	+1.2	59	59	-8	69	57	SSW	3	4	WSW	10	2df	0.05	2
London ...	30.11	+0.7	65	62	+3	71	56	SW	2	3	WNW	10	co	—	*
Oxford ...	30.09	+0.2	63	60	+5	71	55	S	1	3	WNW	10	co	—	*
Cambridge ...	30.10	+0.6	61	59	+1	69	51	S	1	2	WNW	10	cu	—	*
Yarmouth ...	30.11	+1.5	60	59	+2	65	53	SW	3	3	WSW	7	pc	0.03	2
Helder ...	30.16	+3.2	62	*	+2	*	*	S	2	*	*	*	*	*	2
Cape Gris Nez ...	30.17	+1.3	60	60	+3	63	56	SW	5	5	W	10	7m	—	4
Brest ...	30.25	+0.8	60	58	+1	65	9	SW	3	4	SW	10	f	0.04	3
L'Orient ...	30.27	+0.8	62	62	+3	71	58	SW	4	4	WSW	10	cf	—	3
Rochefort ...	30.32	+0.7	65	61	+2	9	60	E	3	5	WNW	0	7	—	3
Biarritz ...	30.30	0.0	64	62	-1	71	59	E	3	4	W	1	cf	—	3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	30.24	+2.3	60	*	0	*	*	WSW	1	*	*	*	or	*	*
Charleville ...	30.33	+2.0	55	*	-1	*	*	W	3	*	*	*	o	*	*
Paris ...	30.27	+1.4	64	64	0	9	59	SW	3	5	WNW	10	co	—	*
Lyons ...	30.39	+1.1	72	*	+4	*	*	W	1	*	*	*	7	*	*
Toulon ...															

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

	Bar	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar	Dry.	Wet.	Wind.	C.	Wea.		
Skudesnaes ...	29.70	55	53	WNW	8	*	5	4	Valencia ...	30.05	63	59	S	3	7	C
Thurso ...	29.89	56	50	WNW	2	4	C	2	Scilly ...	30.11	61	60	ENE	4	10	f m
Scarborough...	30.03	57	54	NE	2	6	C	3	London ...	30.12	67	57	W	2	4	CZ
Greencastle ...	30.01	61	55	SSW	1	6	C	*	Rochefort ...	30.32	68	66	WNW	5	0	7
Holyhead ...	30.12	59	54	9	1	3	7.8	1								

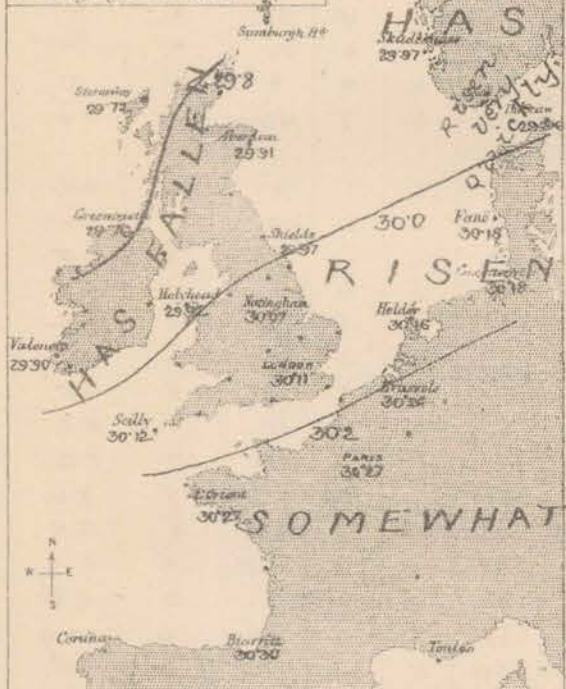
The barometer has begun to fall slowly in the west, but continues to rise elsewhere. —
 Light S^W winds have set in in Ireland, and an E^W breeze is reported from Scilly. —

EXPLANATION OF COLUMNS.

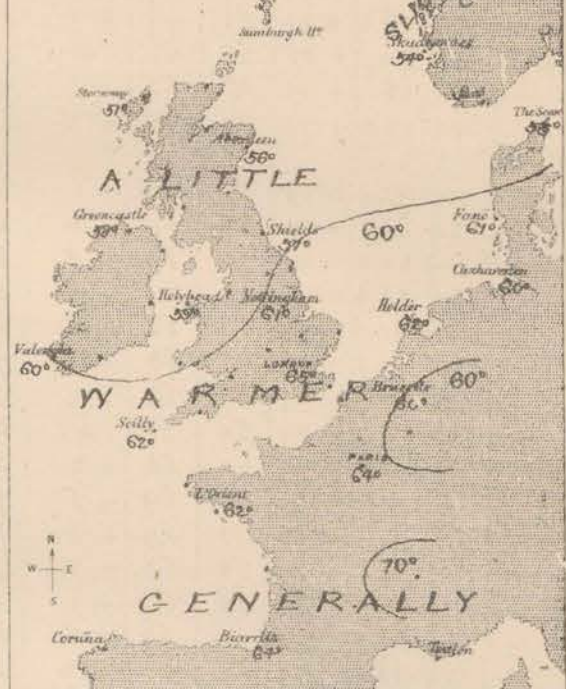
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet; taken at 8 p.m.

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

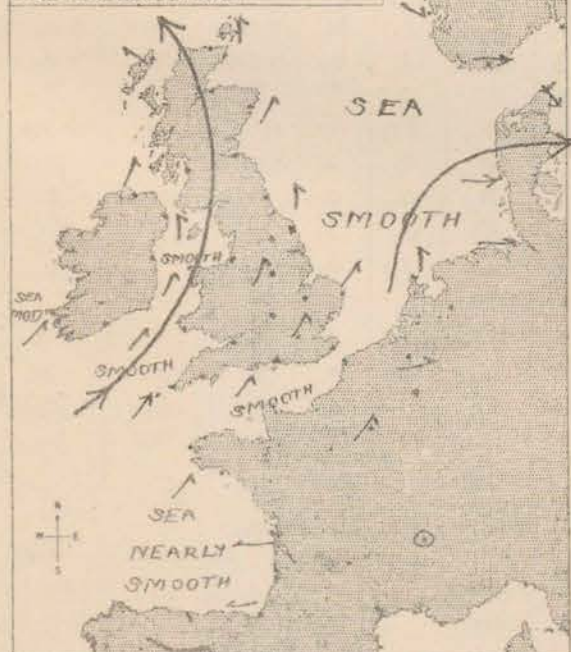
THURSDAY 17TH JULY 1873 AT 8 A.M.



During the past twenty-four hours the decrease of pressure has occurred on the western and northern coasts of our Islands, while elsewhere the barometer has risen—very quickly in Denmark and the south of Norway. The lowest readings are now in the north-west, and the gradient from L'Orient to Greenacette is nearly 0.06 in. per 50 miles.

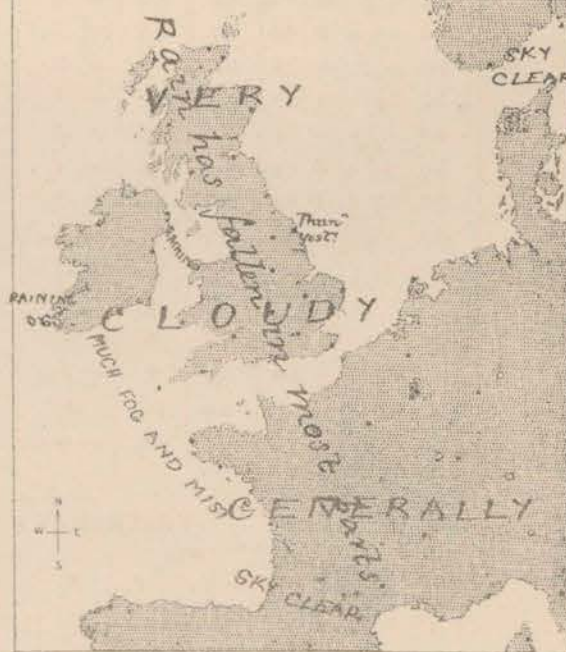


Temperature has again changed rather irregularly, but the general tendency has been to increase a little.



The wind has backed in all parts of our Islands. It is now moderate from SW on our southern coasts, but draws round through S in the north-east to SE at the north-western stations. A fresh W breeze is blowing over Denmark. The sea is smooth generally.

The sea is smooth generally.



Thunder was heard at
Scarboro' yesterday. Rain has again
fallen in many parts of our Islands. The
sky is very cloudy, with fog and mist in
the south west.

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ROBERT H. SCOTT, Director.

Vincent Dyouan / ever-nan Luta / et al.

Fri-day 8 a.m.

WEATHER REPORT.

July 18th 1873.

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 ...	29.83	+07	57	56	-7	*	*	E	4	2	W	*	r	*	*
Hernösand ...	29.88	+13	59	54	+2	*	*	NNE	2	2	S	*	z	*	*
Stockholm ...	29.92	+12	59	56	-3	*	*	SW	6	4	SW	*	z	*	*
Wisby ...	30.03	+15	59	57	+1	*	*	W	6	2	W	*	z	*	*
Christiansund ...	29.59	-23	60	51	+10	*	*	ESE	4	4	NNE	*	zc	*	3
Skudesnaes ...	29.67	-30	59	58	+5	*	*	S	6	6	SE	*	o	*	4
Oxö (X'wansand) ...	29.78	-21	58	57	+3	*	*	SSW	6	4	SSW	*	o	*	4
Skagen (The Skaw) ...	29.93	-03	59	58	+1	*	*	S	6	*	*	*	or	*	*
Fanö ...	30.00	-18	63	61	+2	*	*	SW	6	*	*	*	o	*	*
Cuxhaven ...	29.99f	-19	68	65	+3	?	57	SW	5	3	SW	8	co	—	*
Sumburgh Head															
Stornoway (Hebrides) ...	29.63r	-09	57	53	+6	59	57	NNW	2	7	SW	2	z	0.32	2
Thurso ...	29.58r	-23	53	49	-2	63	51	NNW	2	6	SSE	7	gpc	0.02	2
Wick ...	29.62r	-23	53	50	-2	60	50	NW	3	4	N	8	o	0.01	1
Nairn ...	29.64r	-19	54	52	-6	66	53	NW	1	2	W	10	ca	0.02	1
Aberdeen ...	29.64r	-27	56	54	0	62	49	NNE	1	5	S	8	o	0.10	1
Leith ...	29.65r	-25	58	56	+1	72	55	W	2	4	W	7	opc	0.28	*
Shields ...	29.71f	-26	62	59	+5	67	57	SW	4	7	SW	6	c	0.06	2
York ...	29.81f	-22	63	?	+4	73	55	SW	2	4	S	7	gc	0.07	*
Scarborough ...	29.76f	-24	64	60	+2	71	57	WSW	4	4	S	5	oc	0.03	3
Nottingham ...	29.84f	-23	65	62	+4	75	53	SSW	3	5	SSW	8	pu	0.10	*
Ardrossan ...	29.67r	-21	57	55	0	65	56	SW	3	4	SW	8	o	0.96	3
Greencastle ...	29.74r	-02	52	51	-6	64	52	NNW	5	5	NNW	9	p2	0.35	*
Donaghadee ...	29.69r	-14	57	57	+2	66	54	WSW	4	5	WSW	10	ro	0.59	3
Kingstown ...	29.77f	-12	59	55	-2	71	58	WSW	3	5	SSW	9	go	0.02	2
Holyhead ...	29.77f	-15	58	56	-1	62	55	SW	5	7	SSW	1	z	0.12	3
Liverpool (Biddon Obs.) ...	29.83f	-17	61	57	+1	70	?	SW	3	6	W	10	o	0.09	3
Valencia ...	29.98r	+08	58	54	-2	64	54	N	5	5	N	4	c	0.30	4
Roche's Point ...	29.91r	-03	57	55	-2	68	56	NW	4	5	SSW	8	mo	0.02	4
Pembroke ...	29.88f	-15	59	57	0	62	57	WSW	5	6	SW	9	po	0.20	3
Portishead ...	29.90f	-17	63	60	-1	71	57	WSW	6	6	WSW	6	gc	0.23	4
Scilly ...	30.00f	-12	60	59	-2	68	58	SW	4	6	SW	7	mp	0.10	4
Plymouth ...	29.99f	-15	61	60	0	64	57	WSW	5	5	WSW	10	af	0.03	*
Portsmouth ...	29.97f	-16	63	61	0	68	58	SW	3	5	SW	7	c	0.02	2
Dover ...	29.98f	-17	60	58	+1	63	59	SW	4	4	SW	6	fg	—	2
London ...	29.92f	-19	62	60	-3	74	59	SW	3	4	SW	10	cd	0.06	*
Oxford ...	29.90	-19	64	60	+1	74	59	WSW	3	5	W	9	o	0.05	*
Cambridge ...	29.89f	-21	63	61	+2	66	59	SW	1	2	SW	10	pu	0.01	*
Yarmouth ...	29.90f	-21	62	61	+2	71	58	WSW	4	4	WSW	6	cp	0.05	2
Helder ...	29.95	-21	64	*	+2	*	*	SW	6	*	*	*	*	*	2
Cape Gris Nez ...	30.04f	-13	60	58	0	64	59	SW	4	5	SW	9	mo	0.08	3
Brest ...	30.10f	-15	61	61	+1	65	57	W	4	5	SW	7	of	0.04	3
L'Orient ...	30.14f	-13	62	60	0	74	60	SW	4	4	SW	10	of	—	2
Rochefort ...	30.22r	-10	65	60	0	81	62	W	5	4	NW	10	zo	—	3
Biarritz ...	30.21r	-09	70	64	+6	87	67	W	5	5	E	10	zo	—	3
Corunna ...			*	*		*	*			*	*	*	?	*	*
Brussels ...	30.02	-22	71	*	+11	*	*	WSW	1	*	*	*	?	*	*
Charleville ...	30.14	-19	67	*	+12	*	*	SE	6	*	*	*	c	*	*
Paris ...	30.09f	-18	68	68	+4	77	61	SW	1	5	W	6	oc	—	*
Lyons ...	30.28	-11	72	*	0	*	*	SE	3	*	*	*	z	*	*
Toulon ...	30.21f		79	65		87	70	NNE	1	3	E	1	z	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.94	61	57	SSE	4	*	2	Valencia ...	29.82	62	60	SW	4	8
Thurso ...	29.57	58	53	SSE	5	8	g	Scilly ...	30.08	66	64	SW	5	9
Scarborough ...	29.90	66	63	S	4	9	o	London ...	30.10	71	66	SW	3	9
Greencastle ...	29.67	62	61	WSW	4	10	p	Rochefort ...	30.31	80	71	W	1	0
Holyhead ...	29.87	61	59	SSW	6	10	?							

The decrease of pressure has now extended to all our stations, and has become rapid in the North. — The wind has freshened a little at Holyhead and Thurso, and the weather is raining in the West. —

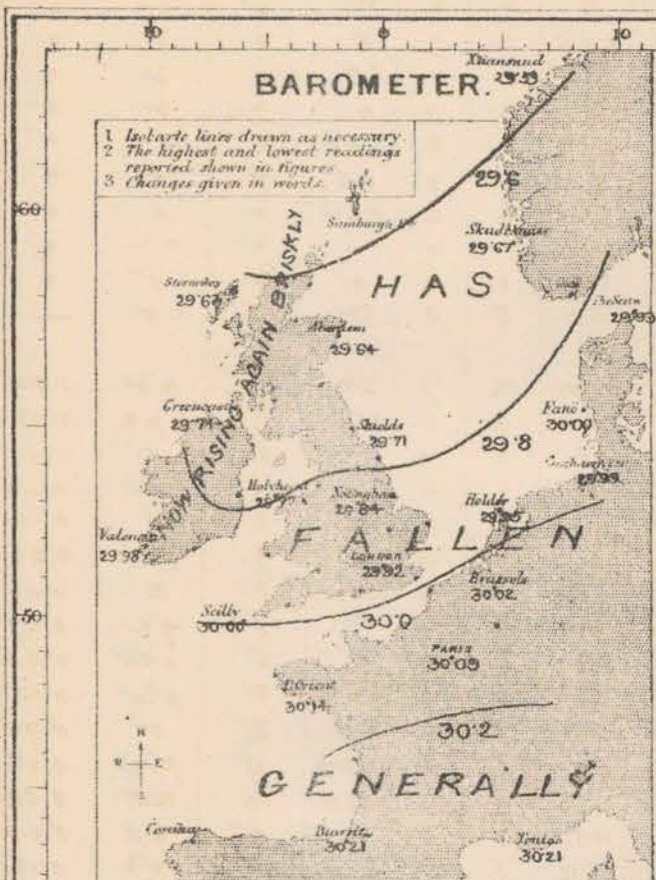
EXPLANATION OF COLUMNS.

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

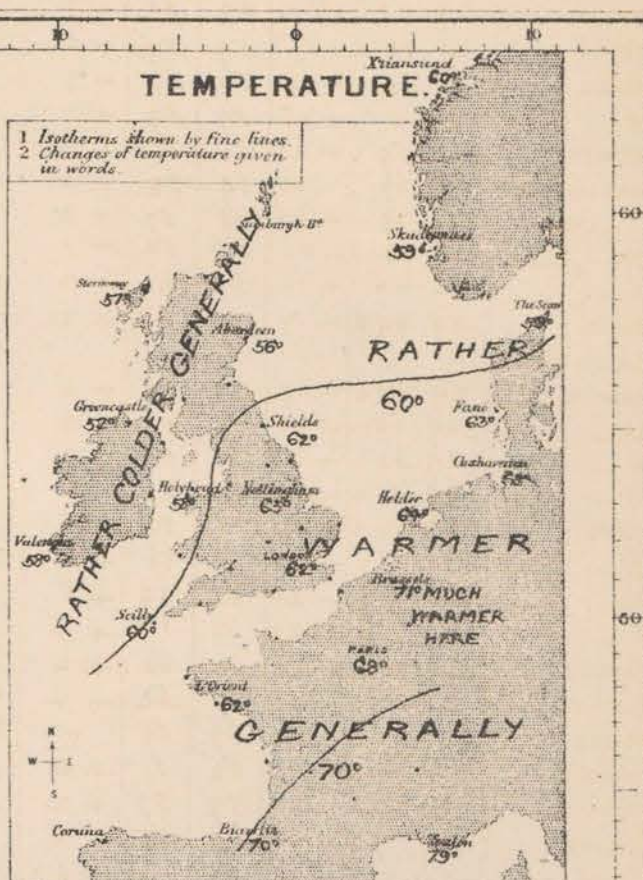
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

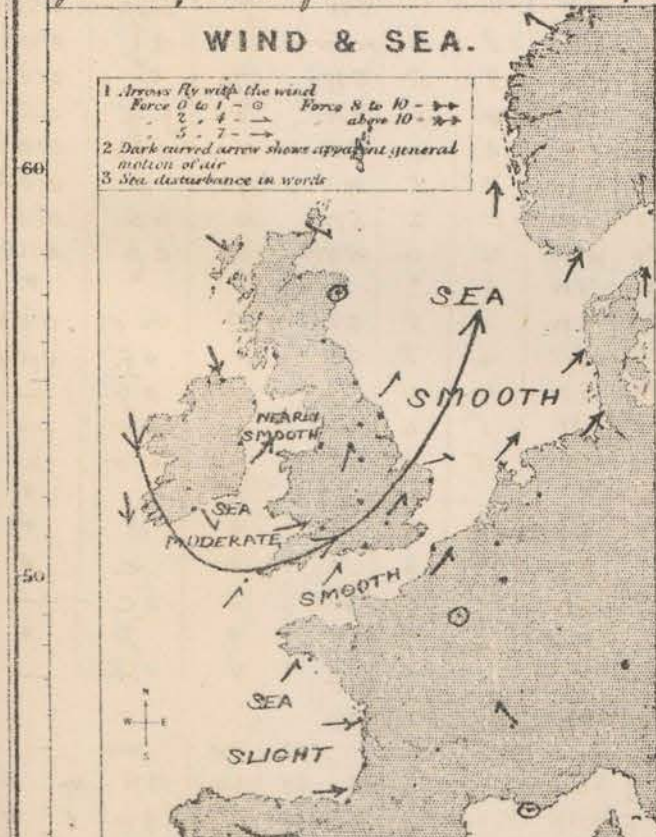
WEATHER CHARTS
AND REMARKS FOR
FRIDAY 18TH JULY 1873 AT 8 A.M.



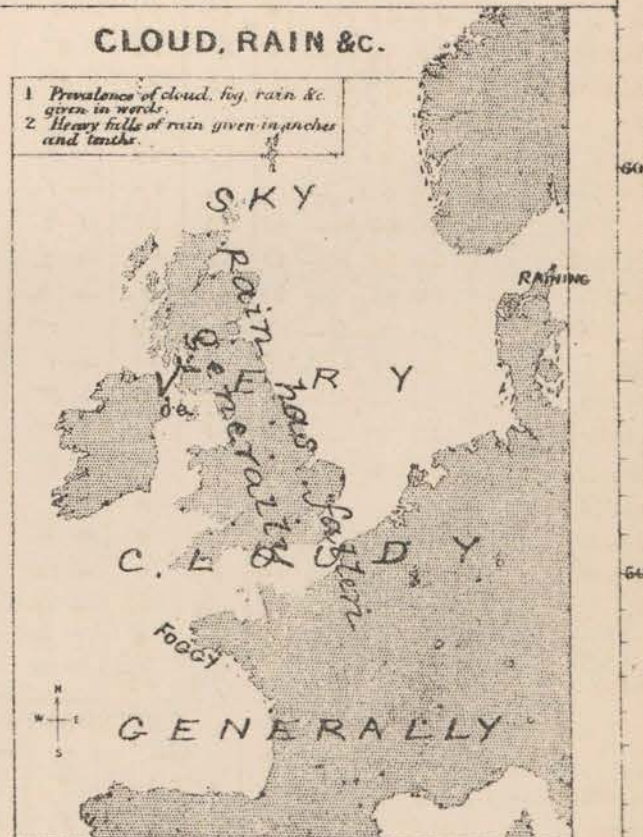
The fall of the barometer, which had commenced in the west and north yesterday morning, extended to all stations during the day, and the decrease has been most rapid in the east. During the night however a brief recovery has set in at the most western & northern stations. Readings are lowest in the north, and the gradient from Rochefort to Ardrossan is 0.06 in. per 100 miles.



Temperature has fallen a few degrees in the west and north, but risen generally elsewhere - very quickly in the north-east of France.



The wind circulates round the region of lowest pressure; being N^w in the west of Ireland, W^{at} the south-western stations, and SW^{at} on the south-east. It is moderate to fresh in force except in Scotland where light W^h winds are general. The sea is moderate in the south-west, smooth elsewhere.



Karin has again fallen generally heavily in the north-west. The sky is very cloudy, and the weather continues showery.

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

Vincent Brooks Layton, USA, 1st Lt.

Saturday 8 a.m.

WEATHER REPORT.

July 19th 1873.

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 ...	29.90	+07	60	59	+3	*	*	S	2	9	S	*	C	*	*
Hernösand ...	29.81	-07	61	59	+2	*	*	SE	2	2	S	*	o	*	*
Stockholm ...	29.75	-17	60	58	+1	*	*	SSE	4	4	S	*	12	*	*
Wisby ...	29.75	-28	60	60	+1	*	*	S	6	2	S	*	o	*	*
Christiansund ...	29.70	+11	53	53	-7	*	*	WSW	2	2	NNW	*	22	*	1
Skudesnaes ...	29.73	+06	55	51	-4	*	*	WNW	6	3	NW	*	5C	*	3
Oxö (X'hansand)	29.59	-19	58	57	0	*	*	NNW	2	2	SSW	*	2C	*	2
Skagen (The Skaw)						*	*				*	*		*	*
Fanö ...						*	*				*	*		*	*
Cuxhaven ...	29.785	-21	60	57	-8	74	9	N	5	5	N	9	20	0.44	0
Sumburgh Head															
Stornoway (Hebrides)	29.832	+20	54	51	-3	59	52	N	3	5	N	9	50	0.07	2
Thurso ...	29.752	+17	53	51	0	61	50	N	2	2	NNW	8	5	0.05	2
Wick ...	29.802	+18	55	53	+2	60	47	N	2	2	NW	9	5	0.01	0
Nairn ...	29.852	+21	56	52	+2	64	49	N	2	2	NW	6	20	0.12	1
Aberdeen ...	29.872	+23	58	53	+2	59	47	SW	1	2	N	8	5	0.13	1
Leith ...	29.952	+30	57	54	-1	64	50	N	3	4	NW	7	50	0.15	*
Shields ...	29.992	+28	55	51	-7	66	52	WNW	6	6	NW	3	27	0.36	2
York ...	30.062	+25	55	52	-8	66	46	WSW	2	5	N	8	50	0.03	*
Scarborough ...	30.032	+27	60	56	-4	67	49	WNW	3	4	NW	3	27	0.11	3
Nottingham ...	30.142	+30	60	54	-5	72	40	WSW	3	5	SW	2	50	0.08	*
Ardrossan ...	30.002	+33	57	53	0	61	54	WSW	4	6	NW	7	C	0.06	3
Greencastle ...	30.012	+27	55	54	+3	58	52	WSW	4	6	NW	10	29	0.02	*
Donaghadee ...	30.052	+36	58	57	+1	64	52	WSW	3	5	NNW	10	50	0.15	3
Kingstown ...	30.162	+39	56	53	-3	63	54	SW	1	6	NNW	10	20	—	2
Holyhead ...	30.132	+36	57	53	-1	62	53	WSW	3	5	SW	6	C	0.02	2
Liverpool (Bidston Obs.)	30.142	+31	62	56	+1	66	52	N	5	6	NNW	4	C	0.08	4
Valencia ...	30.165	+18	60	56	+2	62	53	SSW	4	5	N	7	C	—	4
Roche's Point ...	30.172	+26	59	56	+2	64	52	SW	3	4	NW	8	50	—	3
Pembroke ...	30.222	+34	58	54	-1	63	54	N	2	3	NNW	6	50	—	2
Portishead ...	30.192	+29	66	60	+3	68	49	N	3	6	NNW	3	27	—	2
Scilly ...	30.262	+26	58	56	-2	63	55	L	0	5	N	5	C	—	3
Plymouth ...	30.242	+25	58	56	-3	67	49	L	0	5	N	5	25	—	*
Portsmouth ...	30.222	+25	63	59	0	69	52	SW	3	5	WSW	5	C	—	2
Dover ...	30.172	+19	66	57	+6	66	52	N	3	5	WSW	3	27	—	3
London ...	30.192	+27	57	53	-5	68	49	WSW	1	3	WSW	2	27	0.03	*
Oxford ...	30.18	+28	57	52	-7	68	46	N	1	5	WSW	1	27	—	*
Cambridge ...	30.172	+28	57	50	-6	70	46	WSW	2	3	NNW	3	27	—	*
Yarmouth ...	30.112	+21	58	54	-4	70	48	NW	4	5	NNW	3	927	0.05	2
Helder ...	29.99	+04	59	*	-5	*	*	NNW	7	*	*	*	*	*	4
Cape Gris Nez ...	30.182	+14	56	52	-4	64	54	N	5	8	WSW	1	27	—	4
Brest ...	30.302	+20	58	56	-3	65	54	NW	1	4	N	1	57	—	1
L'Orient ...	30.322	+18	58	54	-4	72	55	NE	1	5	N	1	27	—	2
Rocheport ...	30.302	+08	64	59	-1	72	63	N	4	5	N	10	0	—	3
Biarritz ...	30.332	+12	66	64	-4	72	64	S	3	4	NW	9	0	—	3
Corunna ...						*	*				*	*	*	*	*
Brussels ...	30.11	+09	61	*	-10	*	*	N	3	*	*	*	6	*	*
Charleville ...	30.17	+03	57	*	-10	*	*	NNW	9	*	*	*	0	*	*
Paris ...	30.232	+14	59	59	-9	80	55	N	4	7	N	7	C	—	*
Lyons ...	30.28	0	73	*	+2	*	*	NNW	1	*	*	*	0	*	*
Toulon ...	30.06	-15	75	66	-4	90	70	NW	4	1	NNW	3	2C	—	3

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

	Bar	Dry	Wet.	Wind	C	Wen	Sea.		Bar	Dry.	Wet.	Wind	C	Wen	
Skudesnaes ...	29.70	63	60	SSE	4	*	C	3	Valencia ...	30.12	59	54	N	4	3
Thurso ...	29.67	60	52	NW	1	4	C	1	Scilly ...	30.08	63	60	N	5	6
Scarborough...	29.74	64	60	N	3	8	0	3	London ...	29.92	68	61	SW	2	10
Greencastle ...	29.91	58	53	NW	6	6	C	*	Rocheport ...	30.21	68	61	?	9	5
Holyhead ...	29.90	58	55	NW	5	3	2	3							

The rise of the barometer in the west this morning has now extended to all but the most eastern stations. — The wind has veered in the west of England, and the sea has become rather rough at Scilly. —

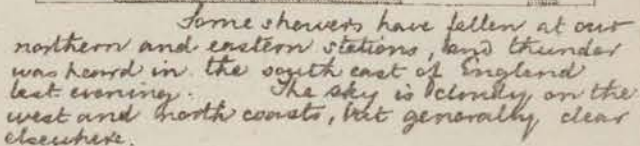
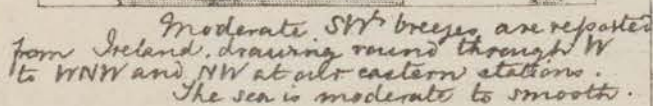
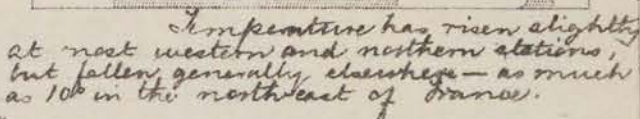
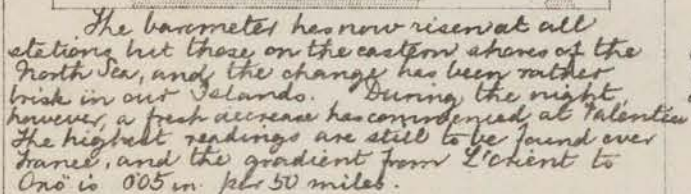
EXPLANATION OF COLUMNS.

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

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

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

SATURDAY 19TH JULY 1873 AT 8 A.M.



ROBERT H. SCOTT, Director.

Victor Brooks - symphonies 10th (1922-23)

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 13TH to JULY 19TH 1873.

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

During the past week the weather has remained in an unsettled and shivery condition. On the 13th a rather serious depression, of limited area, passed over our southern stations bringing with it fresh S^W gales and heavy rain, and under its influence (or that of a very similar depression) when lying off our north-east coasts, ^{we} continued more or less until the 16th when a change occurred and the 17th revealed a new system lying to the north-westward of the British Isles. This passed E^W, and at the close of the week pressure was rising throughout our Islands and France, and the weather appeared to be settling somewhat. Thus the temperature has remained low - its range has been small, and in many cases the rainfall has been large. A great deal of fog was experienced in the south-west and south on the 17th.

JULY 13TH A very considerable disturbance of the general conditions noticed on the 12th had set in during the night. The barometer had fallen rapidly at the mouth of the English Channel, near to which a small but well-marked depression had advanced from the Atlantic. This disturbance was accompanied by very heavy rains on its eastern and southern sides so that over an inch had already fallen at Brest, and 0.75 in. at Biarritz. Scarcely any change of pressure had as yet taken place in the more northern and eastern parts of the United Kingdom, though thunderstorms, hail and rain had been very prevalent - over an inch of rain having fallen at Portishead. The sky was still cloudy in most places, and during the day the depression in the south-west travelled rapidly to the E^W or NE^W, producing a fresh S^W gale at the southern stations, with much rain.

JULY 14TH Barometrical readings had recovered briskly on the south-western coasts but fallen generally elsewhere - chiefly in the north-east, where a depression lay between the Scotch and Norwegian coasts. It is rather difficult to say, without the aid of the continuous records, whether this is the same depression which passed over the southern and south-eastern stations on the 13th, but there are many of the facts which countenance this view, only the change of position had naturally modified its principal characteristics. Temperature had changed very irregularly. The S^W gale had subsided, and the wind had veered towards W over France and the south of England, drawing into SW in Holland, while rather strong E^W winds had set in on the south-west coasts of Scotland. In Scotland calms and light airs prevailed. About an inch of rain had fallen on most of our southern coasts, and 0.87 in. at Brest, in addition to the amount reported on the 13th. Elsewhere shivery weather had been general, with some thunder at Leith but the sky had cleared again in the eastern parts of England and Ireland.

JULY 15TH The recovery of pressure noticed in the south yesterday had extended to the whole of our Islands and in a much greater degree to the south of Norway. The lowest readings, about 29.6 ins., were in the north of Scotland. Calms and variable airs still prevailed over our northern coasts, with moderate W^{ly} breezes in the south; and, while temperature had increased slightly in a few places it had, as a rule, fallen a little. Thunderstorms had again been very general, while the sky remained cloudy, with rain in some parts.

JULY 16TH A further rise of the barometer had taken place over the United Kingdom and France—especially on our north-west coasts, while a brisk fall occurred in the neighbourhood of the Skager Rack. A well-defined depression lay over the south of Norway and gradients were steep for W^{ly} winds over the north-eastern parts of the North Sea. The wind veered to NW and fell very light in our Islands with fine weather, but drew round through W in the Netherlands to SW at Faro. At the same time a fresh NE gale was blowing at Helsingør, a NW gale at Skudlonsnes, and a W^{ly} gale at the Scaw, with overcast rainy weather. During the day a change began to manifest itself on our western coasts and the wind shifted to S at Valencia. In the evening the sky began to look very "watery" again in London.

JULY 17TH A brisk fall of the mercury had set in on our western and northern coasts while it had risen elsewhere—especially over the North Sea. The lowest readings were now found on our north-west coasts and, with a change of gradients, the wind had backed into SW or S over the British Isles, accompanied by a slight rise of temperature, a considerable increase of clouds, much fog in the S and SW, and some rain in most places. Simultaneously with this we find a return of the E^{ly} breeze over the SW of France with fine weather. Thunder had again been heard at Scarborough. During the day the S^{ly} breeze freshened slightly, and rain fell in most places—chiefly in the north-west.

JULY 18TH The depression which had caused the fall of the barometer yesterday was passing away to the E^{ward} or NE^{ward}, so that a brisk recovery had commenced in the north-west, with a veering of the wind to NW in Ireland and colder weather elsewhere the S^{ly} current still holds, the weather being rather warmer, close, cloudy and showery.

JULY 19TH The slight disturbance referred to above had reached the south of Norway. The barometer had risen throughout our Islands and France—chiefly over the Irish Sea, and the wind varied from SW in Ireland to W in Great Britain, WNW on the eastern shores of the North Sea, and N^{ly} in the north-east of France. Rain had fallen in the north and north-west, but the sky was clearing generally, and the sea disturbance was slight.

Sun-day 8 a.m.

WEATHER REPORT.

July 20th 1873.

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.		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 ...	29.84	-.06	62	58	+2	*	*	SW	1	2	S	*	b	*	*
Hernösand ...	29.78	-.03	60	59	-1	*	*	N	2	-	-	*	o	*	*
Stockholm ...	29.74	-.01	59	58	-1	*	*	S	2	2	SSE	*	o	*	*
Wisby ...	29.75	00	61	58	+1	*	*	N	2	2	SSE	*	c	*	*
Christiansund ...	29.73	+03	57	52	+4	*	*	ESE	4	2	WSW	*	o2	*	2
Skudesnaes ...	29.82	+09	57	53	+2	*	*	S	6	4	WNW	*	co	*	C
Oxö (X'hansand) ...	29.79	+20	56	51	-2	*	*	WSW	6	6	WNW	*	2c	*	4
Skagen (The Skaw) ...	29.83		59	54		*	*	NW	6	*	*	*	c	*	*
Fanö ...	30.02		59	55		*	*	N	6	*	*	*	c	*	*
Cuxhaven ...	30.03	+25	59	57	-1	9	56	WSW	4	7	NW	9	o	-	0
Sumburgh Head ...			54	53		59	50	N	9	5	N	0	9	-	5
Stornoway (Hebrides) ...	29.695	-.14	60	57	+6	60	52	N	6	9	N	8	d	0.17	4
Thurso ...	29.625	-.13	65	60	+12	65	53	N	4	3	N	6	of	0.07	3
Wick ...	29.74	-.06	60	55	+5	64	53	N	3	3	N	10	o	0.04	1
Nairn ...	29.72	-.13	64	60	+8	64	55	N	1	1	N	8	o	0.03	1
Aberdeen ...	29.77	-.10	68	64	+10	70	54	SW	3	3	SW	6	oc	-	1
Leith ...	29.85	-.10	67	65	+10	69	54	N	3	3	N	8	o	0.05	*
Shields ...	29.93	-.06	69	67	+14	69	55	SW	3	5	WNW	7	oc	0.02	2
York ...	30.05	-.01	66	62	+11	68	54	S	2	3	WSW	9	g	0.01	*
Scarborough ...	30.025	-.01	71	67	+11	71	67	WSW	3	3	N	4	c	0.01	2
Nottingham ...	30.09	-.05	73	67	+13	73	54	N	4	4	N	4	co	-	*
Ardrossan ...	29.90	-.10	60	59	+3	62	54	SW	6	6	WSW	8	rd	0.17	5
Greencastle ...	29.92	-.09	62	61	+7	62	55	SW	4	4	WSW	9	pg	0.46	*
Donaghadee ...	29.94	-.11	64	62	+6	?	49	S	3	5	SW	10	co	0.06	2
Kingstown ...	30.02	-.14	68	64	+12	71	56	SSE	2	3	SW	8	go	-	9
Holyhead ...	30.05	-.08	59	58	+2	62	56	SSW	5	6	SSW	10	pm	0.01	3
Liverpool (Bilston Obs.) ...															
Valencia ...	30.04	-.12	63	61	+3	63	54	SSW	4	5	SSW	8	gf	-	4
Roche's Point ...	30.08	-.09	59	59	0	67	56	S	3	4	SW	9	mf	0.13	3
Pembroke ...	30.14	-.08	59	59	+1	64	58	SSW	3	4	SW	10	cf	0.01	3
Portishead ...	30.16	-.03	62	60	-4	67	55	WSW	3	4	WNW	10	cm	-	2
Scilly ...	30.18	-.08	62	60	+4	67	56	SSW	4	4	WSW	3	cb	-	3
Plymouth ...	30.22	-.02	62	60	+4	69	56	SW	3	5	N	10	cm	-	*
Portsmouth ...	30.21	-.01	67	63	+4	70	56	WSW	1	4	WSW	1	cb	-	1
Dover ...	30.18	+01	66	62	0	69	55	SW	4	4	SW	0	z	-	3
London ...	30.19	00	60	58	+3	71	54	SW	2	2	SSW	10	o	-	*
Oxford ...	30.17	-.01	63	60	+6	67	55	N	2	3	SW	10	co	-	*
Cambridge ...	30.155	-.02	65	60	+8	68	53	SW	2	3	WSW	2	cb	-	*
Yarmouth ...	30.125	+01	68	64	+10	70	54	WNW	4	4	WNW	3	z	-	2
Helder ...			*	*		*	*		*	*	*	*	*	*	*
Cape Gris Nez ...	30.19	+01	59	57	+3	63	56	N	4	5	N	10	co	-	3
Brest ...	30.26	-.04	58	58	0	67	54	SE	1	3	N	0	z	-	2
L'Orient ...	30.29	-.03	59	55	+1	72	55	E	3	5	WNW	0	z	-	2
Rochefort ...	30.24	-.06	64	62	0	72	57	E	4	4	NW	0	z	-	3
Biarritz ...	30.17	-.16	62	60	-4	72	58	E	1	5	NE	2	2c	-	3
Corunna ...	30.04		72	*		*	*	NE	3	*	*	*	z	*	9
Brussels ...	30.20	+09	61	*	0	*	*	WSW	4	*	*	*	z	*	*
Charleville ...	30.29	+12	57	*	0	*	*	N	3	*	*	*	z	*	*
Paris ...	30.26	+03	62	62	+3	69	56	NW	1	0	L	0	z	-	*
Lyons ...	30.27	-.01	66	*	-7	*	*	N	3	*	*	*	z	*	*
Toulon ...															

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

	Bar	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.81	58	54	WNW	6	*	C	3	Valencia ...	30.11	63	60	9	5	8 on
Thurso ...	29.79	59	53	WNW	2	8	0	2	Scilly ...	30.26	65	60	WSW	4	3 7
Scarborough...	30.06	62	56	W	3	10	0	3	London ...	30.19	66	56	W	2	6 C
Greencastle ...	29.92	59	58	SW	4	10	d	*	Rochefort ...	30.29	68	77	NW	3	0 7
Holyhead ...	30.11	59	56	SSW	5	6	m	3							

The fall of the barometer reported at Valencia this morning has extended to Greencastle and Holyhead. Weather continues cloudy with mist in the west. The sea is rather rough at Scilly.

EXPLANATION OF COLUMNS.

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

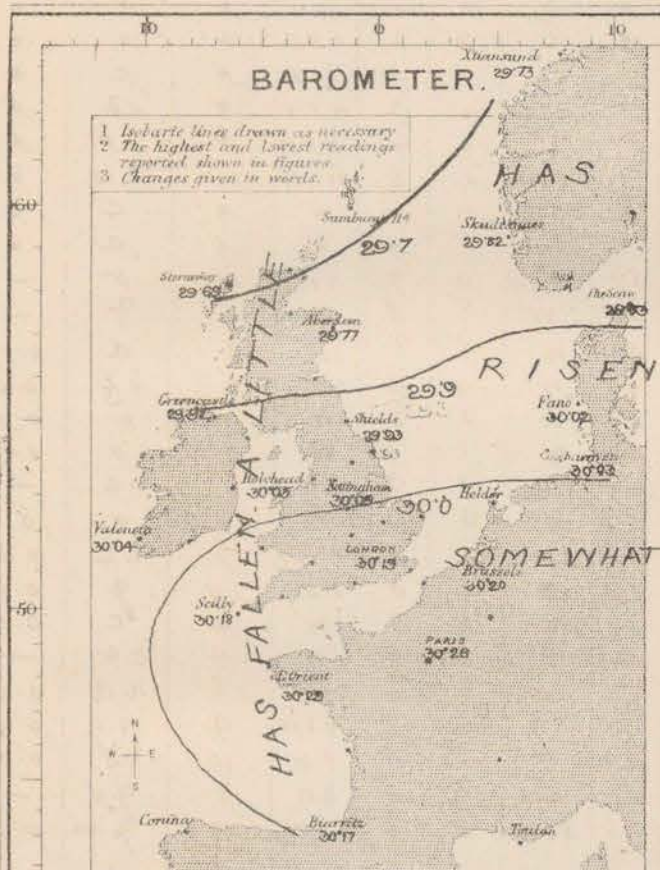
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N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

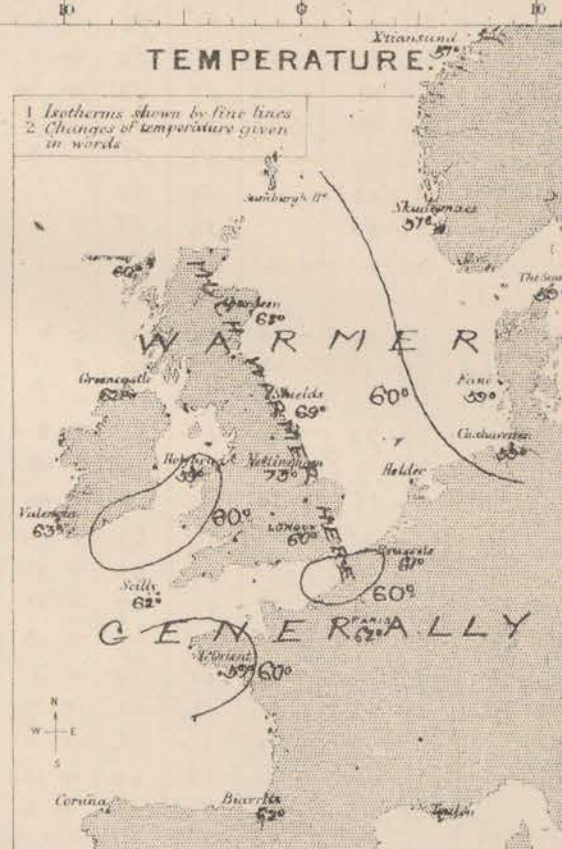
WEATHER CHARTS

AND REMARKS FOR

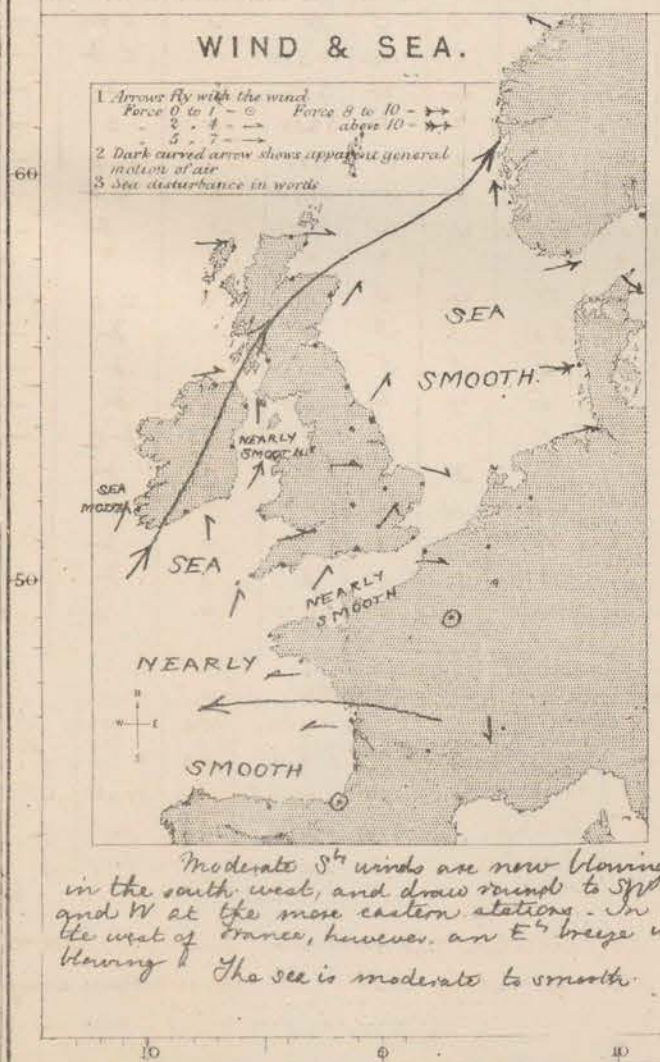
SUNDAY 20TH JULY 1873 AT 8 A.M.



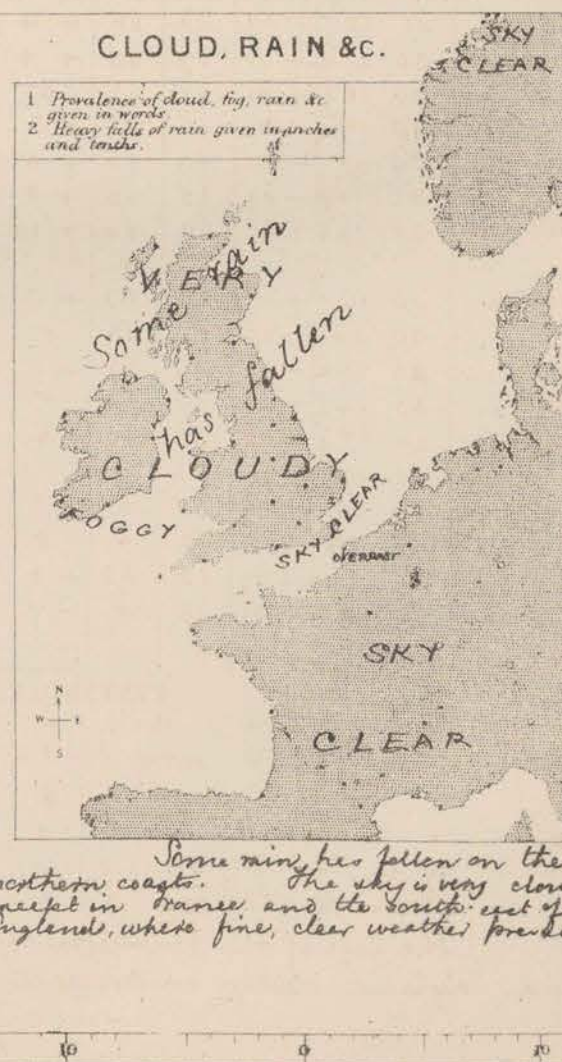
The fall of the barometers which had commenced at Valencia yesterday morning has since extended to nearly all our own and the French stations, but pressure has continued to increase elsewhere. The gradient from Plymouth to Thiers is 0.06 in. per 50 miles.



Temperature has risen generally many degrees on our east coasts.



Moderate S^W winds are now blowing in the south west, and draw round to S^W and W at the more eastern stations. In the west of France, however, an E^W breeze is blowing. The sea is moderate to smooth.



Some rain has fallen on the northern coasts. The sky is very cloudy except in France and the south east of England, where fine, clear weather prevails.

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

VICTOR BROOKER DAY & CO. LTD. PRINTED

Mon-day 8 a.m.

WEATHER REPORT.

July 2nd 1873.

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 ...	29.71	-13	58	56	-4	*	*	E	4	2	SVV	*	z	*	*
Hernösand ...	29.63	-15	58	54	-2	*	*	NW	4	6	S	*	z	*	*
Stockholm ...	?		60	59	+1	*	*	SW	4	2	SSW	*	o	*	*
Wisby ...	29.80	+05	59	59	-2	*	*	WNW	6	2	S	*	z	*	*
Christiansund ...	29.79	+06	54	52	-3	*	*	WSW	8	8	WSW	*	z	*	5
Skudesnaes ...	30.03	+21	60	57	+3	*	*	WNW	4	4	W	*	o	*	3
Oxö (Christiansund) ...	29.98	+19	59	54	+3	*	*	W	4	4	WSW	*	c	*	3
Skagen (The Skaw) ...	29.98	+19	62	58	+3	*	*	NW	8	*	*	*	c	*	*
Fanö ...	30.16	+14	65	62	+6	*	*	WNW	6	*	*	*	c	*	*
Cuxhaven ...	30.17	+14	66	65	+7	9	57	NW	3	3	NW	4	o	z	0
Sumburgh Head															
Stornoway (bridges) ...															
Thurso ...	29.92	+30	69	67	+4	69	56	S	1	5	W	3	c	0.01	1
Wick ...	29.97	+23	64	61	+4	69	54	S	2	4	W	1	o	z	1
Nairn ...	29.97		73	65		73	59	W	1	2	W	1	c	z	0
Aberdeen ...	30.06	+28	69	66	+1	76	57	S	2	4	W	2	c	z	0
Leith ...	30.08	+23	71	65	+4	76	62	SW	2	4	W	1	c	z	*
Shields ...	30.13	+20	67	63	-2	73	61	Z	0	3	SW	2	z		1
York ...	30.16	+16	69	65	+3	79	59	S	1	2	W	1	c	z	*
Scarborough ...	30.17	+15	70	67	-1	76	61	SW	1	3	WSW	1	c	z	1
Nottingham ...	30.19	+10	72	68	-1	83	59	SE	2	5	SW	0	c	o	*
Ardrossan ...	30.10	+20	62	60	+5	70	60	SW	1	6	SW	1	c	z	2
Greencastle ...	30.01	+09	65	58	+3	68	60	WSW	3	4	SW	0	c	z	0.06
Donaghadee ...	30.08	+14	59	58	-5	74	55	S	2	5	W	10	o	0.01	1
Kingstown ...	30.10	+08	62	58	-6	77	59	SSE	4	3	WSW	0	c	z	3
Holyhead ...	30.12	+07	64	63	+5	64	57	SSW	2	5	SSW	1	z	z	1
Liverpool (Bidston Obs.) ...	30.17		71	65		79	57	SSE	2	4	SW	1	z		2
Valencia ...	30.02	-02	64	59	+1	67	57	ENE	4	4	SSW	2	c	z	4
Roche's Point ...	30.03	-05	61	58	+2	68	59	SE	3	3	SW	2	f	z	0.05
Pembroke ...	30.12	-02	63	60	+4	72	58	ESE	3	2	ESE	2	z	o	2
Portishead ...	30.16	00	69	63	+7	75	54	WNW	1	4	WNW	0	c	o	1
Scilly ...	30.05	-13	63	61	+1	71	60	ESE	5	5	ESE	0	c	z	3
Plymouth ...	30.14	-08	65	61	+3	68	54	E	5	5	E	0	z		*
Portsmouth ...	30.19	-02	67	62	0	73	56	E	1	3	WSW	1	z		1
Dover ...	30.21	+03	69	62	+3	70	58	SSW	2	4	SSW	1	z		1
London ...	30.20	+01	67	64	0	80	59	SSW	1	2	S	0	z		*
Oxford ...	30.19	+02	67	62	+4	78	55	S	1	2	W	0	z		*
Cambridge ...	30.19	+04	71	67	+6	79	58	Z	0	1	SW	0	z		*
Yarmouth ...	30.21	+09	68	66	0	81	64	SSW	2	3	W	2	z		1
Helder ...	30.19		67	*		*	*	WSW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.25	+06	66	61	+7	66	57	Z	0	5	W	1	o	z	1
Brest ...	30.05	-21	66	64	+8	74	56	SE	4	4	SE	0	z		2
L'Orient ...	30.06	-23	66	62	+7	79	59	E	4	4	ESE	0	z		2
Rocheport ...	30.04	-20	69	60	+5	74	63	E	4	4	E	0	z		3
Biarritz ...	29.94	-23	70	68	+11	85	64	SE	3	5	E	0	z		3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	30.22	+02	71	*	+10	*	*	WNW	1	*	*	*	z	*	*
Charleville ...	30.27	-02	60	*	+3	*	*	NNW	?	*	*	*	z	*	*
Paris ...															
Lyons ...	30.25	-02	70	*	+4	*	*	NE	1	*	*	*	z	*	*
Toulon ...	30.10	?	75	59	?	81	66	N	3	3	N	0	z		3

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

Bar	Dry.	Wet.	Wind	C.	Woa.	Sea.	Bar	Dry.	Wet.	Wind	C.	Woa.
Skudesnaes ...	29.843	60	59	SSW	2	*	Valencia ...					
Thurso ...							Scilly ...					
Scarborough ...							London ...					
Greencastle ...						*	Rocheport ...	30.186	88	68	E	4
Holyhead ...												

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m. *** AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m. **N.B.**—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

MONDAY 21ST JULY 1873 AT 8 A.M.

BAROMETER.

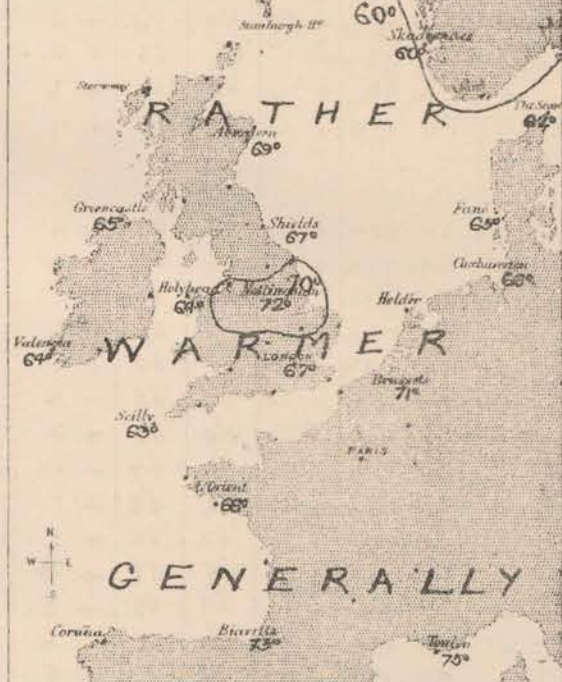
1. Isobars have been drawn as necessary.
2. The highest and lowest readings reported shown in figures.
3. Changes given in words.



Since yesterday morning the barometer has continued to fall in France and at our south-western stations, but risen elsewhere. Pressure is now rather uniform, and the gradient from Cape Finis to Thuro is only 0.03 in. per 50 miles.

TEMPERATURE.

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



Temperature has risen in most places—very rapidly at our eastern stations yesterday.

WIND & SEA.

1. Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 11 to 12 - 11, Force 13 to 14 - 13, Force 15 to 16 - 15, Force 17 to 18 - 17, Force 19 to 20 - 19, Force 21 to 22 - 21, Force 23 to 24 - 23, Force 25 to 26 - 25, Force 27 to 28 - 27, Force 29 to 30 - 29, Force 31 to 32 - 31, Force 33 to 34 - 33, Force 35 to 36 - 35, Force 37 to 38 - 37, Force 39 to 40 - 39, Force 41 to 42 - 41, Force 43 to 44 - 43, Force 45 to 46 - 45, Force 47 to 48 - 47, Force 49 to 50 - 49, Force 51 to 52 - 51, Force 53 to 54 - 53, Force 55 to 56 - 55, Force 57 to 58 - 57, Force 59 to 60 - 59, Force 61 to 62 - 61, Force 63 to 64 - 63, Force 65 to 66 - 65, Force 67 to 68 - 67, Force 69 to 70 - 69, Force 71 to 72 - 71, Force 73 to 74 - 73, Force 75 to 76 - 75, Force 77 to 78 - 77, Force 79 to 80 - 79, Force 81 to 82 - 81, Force 83 to 84 - 83, Force 85 to 86 - 85, Force 87 to 88 - 87, Force 89 to 90 - 89, Force 91 to 92 - 91, Force 93 to 94 - 93, Force 95 to 96 - 95, Force 97 to 98 - 97, Force 99 to 100 - 99, Force 101 to 102 - 101, Force 103 to 104 - 103, Force 105 to 106 - 105, Force 107 to 108 - 107, Force 109 to 110 - 109, Force 111 to 112 - 111, Force 113 to 114 - 113, Force 115 to 116 - 115, Force 117 to 118 - 117, Force 119 to 120 - 119, Force 121 to 122 - 121, Force 123 to 124 - 123, Force 125 to 126 - 125, Force 127 to 128 - 127, Force 129 to 130 - 129, Force 131 to 132 - 131, Force 133 to 134 - 133, Force 135 to 136 - 135, Force 137 to 138 - 137, Force 139 to 140 - 139, Force 141 to 142 - 141, Force 143 to 144 - 143, Force 145 to 146 - 145, Force 147 to 148 - 147, Force 149 to 150 - 149, Force 151 to 152 - 151, Force 153 to 154 - 153, Force 155 to 156 - 155, Force 157 to 158 - 157, Force 159 to 160 - 159, Force 161 to 162 - 161, Force 163 to 164 - 163, Force 165 to 166 - 165, Force 167 to 168 - 167, Force 169 to 170 - 169, Force 171 to 172 - 171, Force 173 to 174 - 173, Force 175 to 176 - 175, Force 177 to 178 - 177, Force 179 to 180 - 179, Force 181 to 182 - 181, Force 183 to 184 - 183, Force 185 to 186 - 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1175, Force 1177 to 1178 - 1177, Force 1179 to 1180 - 1179, Force 1181 to 1182 - 1181, Force 1183 to 1184 - 1183, Force 1185 to 1186 - 1185, Force 1187 to 1188 - 1187, Force 1189 to 1190 - 1189, Force 1191 to 1192 - 1191, Force 1193 to 1194 - 1193, Force 1195 to 1196 - 1195, Force 1197 to 1198 - 1197, Force 1199 to 1200 - 1199, Force 1201 to 1202 - 1201, Force 1203 to 1204 - 1203, Force 1205 to 1206 - 1205, Force 1207 to 1208 - 1207, Force 1209 to 1210 - 1209, Force 1211 to 1212 - 1211, Force 1213 to 1214 - 1213, Force 1215 to 1216 - 1215, Force 1217 to 1218 - 1217, Force 1219 to 1220 - 1219, Force 1221 to 1222 - 1221, Force 1223 to 1224 - 1223, Force 1225 to 1226 - 1225, Force 1227 to 1228 - 1227, Force 1229 to 1230 - 1229, Force 1231 to 1232 - 1231, Force 1233 to 1234 - 1233, Force 1235 to 1236 - 1235, Force 1237 to 1238 - 1237, Force 1239 to 1240 - 1239, Force 1241 to 1242 - 1241, Force 1243 to 1244 - 1243, Force 1245 to 1246 - 1245, Force 1247 to 1248 - 1247, Force 1249 to 1250 - 1249, Force 1251 to 1252 - 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Tues-day 8 a.m.

WEATHER REPORT.

July 22nd 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade.)					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort scale.	Rainfall. In past 24 Hours.	Sea Disturb- ances. 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.		Extrema.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.88	+17	52	52	-6	*	*	NE	6	4	SE	*	0	*	*
Hernösand ...	29.88	+25	57	50	-1	*	*	NN	6	9	NN	*	?	*	*
Stockholm ...	29.98		59	53	-1	*	*	NNN	1	2	NN	*	?	*	*
Wisby ...	29.99	+19	60	55	+1	*	*	N	4	2	N	*	?	*	*
Christiansund ...	30.13	+34	56	55	+2	*	*	WSN	6	6	WSN	*	10	*	*
Skudesnaes ...	30.15	+12	63	60	+3	*	*	ESE	4	?	?	*	?	*	2
Oxö (Christiansund)	30.14	+16	67	62	+8	*	*	SN	2	2	N	*	?	*	2
Skagen (The Skaw)	30.13	+15	65	61	+3	*	*	NN	4	*	*	*	?	*	*
Fanö ...	30.25	+09	62	62	-3	*	*	NNN	2	*	*	*	?	*	*
Cuxhaven ...	30.22 f	+05	77	75	+11	9	60	NNN	2	2	NNN	0	?	—	0
Sumburgh Head															
Stornoway (Hebrides)	29.86 f	-06	64	60	+2	69	53	L	0	7	SW	2	?	—	0
Thurso ...	29.91 f	-01	72	66	+3	83	51	S	2	2	N	5	?	—	1
Wick ...	29.96 f	-01	67	63	+3	75	51	S	1	1	S	4	?	—	0
Nairn ...	29.93 f	-04	69	63	-4	85	60	L	0	1	N	4	?	—	0
Aberdeen ...	29.99 f	-06	67	64	-2	80	57	SSE	1	5	S	0	?	—	1
Leith ...	29.99 f	-09	70	64	-1	85	56	NE	2	3	SW	1	?	—	*
Shields ...	30.05 f	-08	67	64	0	77	63	ESE	1	3	SSW	0	?	—	1
York ...	30.09 f	-07	71	66	+2	86	61	SE	1	1	S	0	?	—	*
Scarborough ...	30.07 f	-10	74	70	+4	76	64	SSE	3	3	SSE	0	?	—	3
Nottingham ...	30.07 f	-12	79	72	+7	86	65	SSE	1	4	SSE	0	?	—	*
Ardrossan ...	29.96 f	-14	74	69	+12	75	60	N	2	2	SE	5	?	—	2
Greencastle ...	29.92 f	-09	67	63	+2	73	64	SW	1	5	SSE	9	?	—	*
Donaghadee ...	29.95 f	-13	65	62	+6	70	57	SSE	4	5	SSE	7	?	—	2
Kingstown ...	29.94 f	-16	66	62	+4	71	62	WSN	1	5	SSE	7	?	—	1
Holyhead ...	29.95 f	-17	73	68	+9	81	64	SSE	3	2	SSW	1	?	—	2
Liverpool (Bidston Obs.)	30.03 f	-14	73	67	+2	84	65	ESE	3	3	SSE	1	?	—	2
Valencia ...	29.94 s	-08	82	61	-2	71	61	WSN	3	4	ENE	9	?	0.02	4
Roche's Point ...	29.95 f	-08	62	60	+1	74	59	SE	2	4	SE	6	?	—	3
Pembroke ...	29.96 f	-16	68	64	+5	74	62	ESE	3	5	ESE	1	?	—	1
Portishead ...	30.00 f	-16	76	69	+7	83	65	SSE	2	3	SE	0	?	—	1
Scilly ...	29.95 f	-10	66	64	+3	71	62	L	0	5	ESE	6	?	—	4
Plymouth ...	29.96 f	-18	73	68	+8	80	64	E	4	5	E	0	?	—	*
Portsmouth ...	30.03 f	-16	73	68	+6	78	60	SE	3	4	SE	0	?	—	3
Dover ...	30.08 f	-13	73	68	+4	73	66	ENE	2	3	N	2	?	—	1
London ...	30.06 f	-14	74	69	+7	86	63	SE	1	2	ESE	0	?	—	*
Oxford ...	30.03	-16	76	69	+9	85	61	SE	1	2	SE	0	?	—	*
Cambridge ...	30.09 f	-10	75	69	+4	85	67	SE	1	1	SE	0	?	—	1
Yarmouth ...	30.14 f	-07	68	65	0	71	64	S	3	3	SSE	2	?	—	1
Helder ...	30.18	-01	74	*	+7	*	*	S	2	*	*	*	?	—	1
Cape Gris Nez ...	30.08 f	-17	74	67	+8	74	65	E	1	3	N	0	?	—	3
Brest ...	29.95 f	-10	68	64	+2	81	62	SE	1	4	SE	1	?	—	2
L'Orient ...	30.06 f	00	66	62	0	79	58	E	1	4	ESE	0	?	—	3
Rochefort ...	30.01 f	-03	73	54	+4	99	70	SE	4	4	E	0	?	—	3
Biarritz ...	30.03 f	+09	72	68	-1	99	70	N	4	4	E	0	?	—	3
Corunna ...			*	*		*	*					*	?	—	*
Brussels ...	30.15	-07	77	*	+6	*	*	N	9	*	*	*	?	—	*
Charleville ...	30.19	-08	75	*	+15	*	*	SE	6	*	*	*	?	—	*
Paris ...	30.07	-12	76	76	+5	82	65	SE	5	5	E	0	?	—	*
Lyons ...	30.20	-05	75	*	+5	*	*	L	0	*	*	*	?	—	*
Toulon ...	30.15 f	+05	79	72	+4	89	73	L	0	1	E	0	?	—	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	30.12	63	59	SW	4	*	C	3	Valencia ...	29.92	69	63	ENE	4	2
Thurso ...	29.92	82	68	WSW	9	3	C	1	Scilly ...	30.02	70	65	ESE	5	0
Scarborough...	30.14	66	64	SSE	3	1	Z	3	London ...	30.17	79	69	SE	2	0
Greencastle ...	30.01	73	64	SSW	2	1	Z	*	Rochefort ...	29.90	95	72	E	4	0
Holyhead ...	30.09	76	68	SSW	2	0	Z	1							

The barometer is falling slowly except in the north. Winds are not materially changed.

EXPLANATION OF COLUMNS.

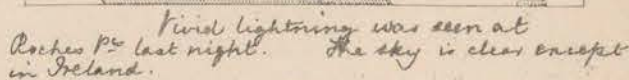
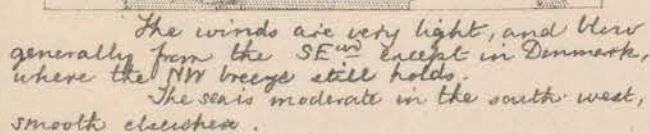
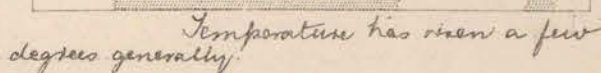
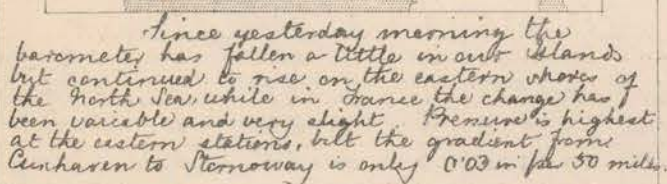
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light;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

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

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

TUESDAY 22ND JULY 1873 AT 8 A.M.

TUESDAY 22ND JULY 1873 AT 8 A.M.



ROBERT H. SCOTT, Director.

Wednesday 8. a.m.

WEATHER REPORT.

July 23rd 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Direction and Force.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...	30.11	+13	57	57	-2	*	*	9	9	6	N	*	9	*	*
Wisby ...	30.02	+03	58	9	-2	*	*	N	1	2	NNE	*	c	*	*
Christiansund ...	30.06	-07	68	62	+12	*	*	ESE	2	2	NNE	*	z	*	2
Skudesnaes ...	30.07	-08	66	63	+3	*	*	ESE	2	2	SSE	*	z f	*	2
Oxö (Christiansand)	30.04	-10	66	61	-1	*	*	NE	6	4	WSW	*	z	*	3
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö ...						*	*			*	*	*		*	*
Cuxhaven ...	30.09 f	-13	70	68	-7	79	9	ESE	1	1	N	5	z	—	0
Sumburgh Head															
Stornoway (Hebrides)	29.89 f	+03	56	55	-8	72	54	N	2	5	SW	10	c m	—	1
Thurso ...															
Wick ...															
Nairn ...	29.91 f	-02	60	59	-9	82	60	I	0	0	I	10	z l x	0.49	0
Aberdeen ...	29.89 f	-10	61	61	-6	79	60	S	1	2	S	10	m x z	0.62	0
Leith ...	29.87 f	-12	66	64	-4	80	60	S	2	2	E	5	z z c	0.53	*
Shields ...	29.92 f	-13	67	67	0	72	63	I	0	3	SE	10	z z z	0.03	1
York ...	29.91 f	-18	68	65	-3	89	63	NW	1	3	W	4	z z c	—	*
Scarborough ...	29.87 f	-20	73	68	-1	77	59	N	2	3	SSE	5	z c	—	2
Nottingham ...	29.90 f	-17	74	71	-5	91	67	SW	1	4	SSE	8	z m	0.03	*
Ardrossan ...	29.89 f	-07	61	59	-13	81	61	I	0	3	W	8	z l x	—	0
Greencastle ...	29.95 s	+03	58	56	-9	72	57	NW	2	4	NW	10	o g	0.10	*
Donaghadee ...	29.92 f	-03	56	56	-9	70	56	N	4	4	N	10	c l o	0.08	2
Kingstown ...	29.96 z	+02	57	57	-9	71	57	NW	2	2	SE	5	g z m	1.20	3
Holyhead ...	29.90 f	-05	60	59	-13	77	59	W	2	2	NNE	5	z m	0.10	1
Liverpool (Bidston Obs.)															
Valencia ...	30.03 s	+09	61	57	-1	64	54	NNE	2	2	NW	4	c	—	2
Roche's Point ...	30.02 z	+07	61	57	-1	70	54	NW	3	4	NW	5	f l c	—	2
Pembroke ...	29.98 z	+02	59	57	-9	72	58	NW	4	3	NW	10	f z o	0.05	2
Portishead ...	29.94 z	-06	69	67	-7	89	60	WSW	3	4	WSW	7	c z m	0.22	2
Scilly ...	30.06 z	+11	61	59	-5	66	58	NW	4	4	NW	5	f z c	0.03	4
Plymouth ...	30.02 z	+06	68	65	-5	82	62	NW	3	4	SE	8	o m	—	1
Portsmouth ...	29.96 z	-07	71	66	-2	78	65	SW	1	3	S	1	z	—	1
Dover ...	29.93 f	-15	69	65	-4	76	67	S	1	2	ENE	2	z	—	1
London ...	29.91 f	-15	74	70	0	88	62	NW	1	2	E	0	m z	—	*
Oxford ...	29.90	-13	71	67	-5	88	64	W	2	2	W	1	z z	0.05	*
Cambridge ...	29.90 f	-19	76	71	+1	86	63	I	0	1	SSE	2	z	—	*
Yarmouth ...	29.93 f	-21	67	63	-1	72	64	S	2	3	ESE	4	z c	—	1
Helder ...	29.97	-21	73	*	-1	*	*	ESE	3	*	*	*	*	*	2
Cape Gris Nez ...	29.94 f	-14	68	66	-6	93	59	S	3	3	E	8	z o	—	1
Brest ...	30.10 z	+15	61	59	-7	77	57	NW	3	4	NW	10	f o	—	1
L'Orient ...	30.12 z	+06	62	60	-4	71	60	NW	3	4	SW	3	z c	—	3
Rochefort ...	30.15 z	+14	66	62	-7	85	66	NW	4	4	SW	10	z o	0.08	1
Biarritz ...	30.17 z	+14	66	64	-6	75	65	SW	5	4	W	9	o z	—	1
Corunna ...						*	*			*	*	*		*	*
Brussels ...	29.98	-17	80	*	+3	*	*	SSW	1	*	*	*	z	*	*
Charleville ...	30.10	-09	77	*	+2	*	*	SE	3	*	*	*	z	*	*
Paris ...	30.00 z	-07	72	72	-4	89	68	W	4	5	SE	5	l c	—	*
Lyons ...	30.15	-05	76	*	+1	*	*	S	1	*	*	*	z	*	*
Toulon ...	30.11 f	-04	73	62	-6	96	69	NW	4	4	W	2	z	—	3

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

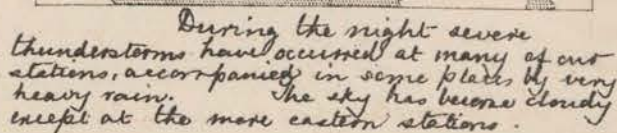
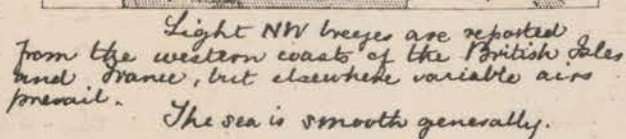
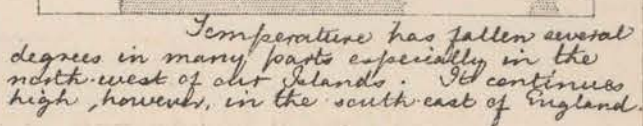
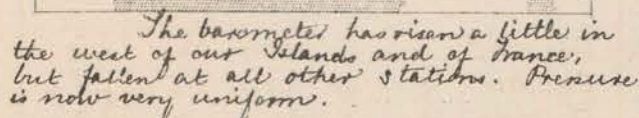
	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.		
Skudesnaes ...	30.12	67	64	SSE	2	*	z	2	Valencia ...	29.99	62	59	WNW	2	5	c
Thurso ...	29.88	80	69	SSW	1	6	m	1	Scilly ...	29.99	64	63	WN	2	10	f
Scarborough...	30.04	64	61	SSE	3	0	z	3	London ...	29.99	81	71	SE	2	1	z
Greencastle ...	29.93	72	67	NNW	2	8	o	*	Rochefort ...	30.02	73	66	SW	4	0	z
Holyhead ...	29.96	70	65	NNE	2	2	z	2								

The barometer has risen slightly in the West and continued to fall in the East. — there a light NW^{ly} wind at the western stations. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m.
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEDNESDAY 23RD JULY 1873 AT 8 A.M.



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

Thurs-day 8 a.m.

WEATHER REPORT.

July 24th 1873.

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 5 A.M. — (0 to 12.)	Extreme.						
			Dry bulb.	Wet bulb.		Max.	Min.		Dirac.	Force. (0 to 12.)	Force. (0 to 12.)				
Haparanda ...	30.26		60	59		*	*	NY	1	0	0	*	z	*	*
Hernösand ...	30.25		58	54		*	*	NE	2	2	NE	*	z	*	*
Stockholm ...	30.13	+0.02	61	57	+4	*	*	N	2	4	NNE	*	z	*	*
Wisby ...	30.03	+0.01	60	57	+2	*	*	NE	2	2	NE	*	z	*	*
Christiansund ...	30.02	-0.04	69	62	+1	*	*	I	0	0	I	*	z	*	0
Skudesnaes ...	30.01	-0.06	70	63	+4	*	*	ESE	4	4	ESE	*	z	*	3
Oxö (Christiansund)	30.06	+0.02	64	62	-2	*	*	NE	4	4	NE	*	z	*	3
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö ...						*	*			*	*	*		*	*
Cuxhaven ...	29.99 f	-10	65	62	-5	86	?	E	5	5	E	0	z	—	*
Sumburgh Head															
Stornoway (Hebrides)	29.90 f	+0.01	55	52	-1	62	45	SE	1	2	N	9	z	0.42	0
Thurso ...	29.90 f	+0.04	57	53	-2	66	53	I	0	4	WNW	7	z	0.09	0
Wick ...	29.93 f	+0.03	57	55	-3	66	53	N	1	3	NW	10	z	0.16	0
Nairn ...	29.93 f	+0.02	57	54	-3	65	55	I	0	1	SSW	10	z	0.12	1
Aberdeen ...	29.94 f	+0.05	58	56	-3	67	55	NE	?	5	S	9	z	0.19	0
Leith ...	29.95 f	+0.08	63	60	-3	79	51	N	2	2	N	1	z	—	*
Shields ...	29.96 f	+0.04	63	58	-4	72	57	WNW	4	4	N	2	z	0.31	1
York ...	29.98 f	+0.07	61	57	-4	81	51	N	1	2	N	0	z	—	*
Scarborough ...	29.96 f	+0.09	66	60	-4	73	57	N	1	2	N	1	z	—	1
Nottingham ...	30.03 f	+0.13	67	62	-7	88	52	SW	1	3	SW	7	z	—	*
Ardrossan ...	29.95 f	+0.06	62	58	+1	64	49	ENE	2	4	WNW	4	z	0.25	1
Greencastle ...	29.86 f	-0.09	58	56	0	63	55	SSE	4	4	SSE	10	z	0.02	*
Donaghadee ...	29.90 f	-0.02	58	57	+2	65	49	S	4	4	N	10	z	0.02	2
Kingstown ...	29.91 f	-0.05	59	58	+2	68	57	SSE	3	4	WNW	10	z	0.09	3
Holyhead ...	29.89 f	-0.01	60	58	0	70	52	SSW	3	3	WNW	6	z	—	2
Liverpool (Bidston Obs.)	30.02 f	+0.09	63	57	-7	68	54	ESE	1	5	N	9	z	—	2
Valencia ...	29.80 f	-0.23	62	60	+1	68	58	SSW	4	5	S	6	z	0.32	4
Roche's Point ...	29.86 f	-0.16	61	60	0	73	59	SSW	4	4	SSW	9	z	0.20	3
Pembroke ...	29.97 f	-0.01	61	59	+2	64	58	S	5	4	S	10	z	0.02	3
Portishead ...	30.05 f	+0.11	64	60	-5	72	51	SW	2	6	WNW	5	z	—	2
Scilly ...	30.00 f	-0.06	66	62	+5	68	60	SSW	5	5	SSW	8	z	—	4
Plymouth ...	30.06 f	+0.04	63	61	-5	76	53	S	2	4	WNW	10	z	—	*
Portsmouth ...	30.09 f	+0.13	66	60	-5	76	58	N	1	4	SW	5	z	—	1
Dover ...	30.06 f	+0.13	72	64	+3	72	59	NE	1	5	SW	1	z	—	*
London ...	30.07 f	+0.16	62	59	-12	85	56	NW	1	3	WNW	6	z	—	*
Oxford ...	30.06	+0.16	60	57	-11	78	52	SW	1	2	N	10	z	—	*
Cambridge ...	30.06 f	+0.16	64	57	-12	83	54	N	1	1	S	2	z	—	*
Yarmouth ...	30.00 f	+0.07	64	60	-3	82	58	WNW	3	4	S	3	z	—	1
Helder ...			*	*		*	*			*	*	*		*	*
Cape Gris Nez ...	30.06 f	+0.12	61	57	-4	70	59	N	3	5	SW	0	z	—	2
Brest ...	30.12 f	+0.02	61	59	0	69	58	SW	4	4	SSW	2	z	—	3
L'Orient ...	30.17 f	+0.05	62	58	0	76	56	NE	1	5	WNW	2	z	—	1
Rochefort ...	30.06 f	-0.09	66	61	0	70	61	NE	3	5	NW	0	z	0.08	3
Biarritz ...	30.13 f	-0.04	66	64	0	73	63	N	1	5	SW	9	z	—	3
Corunna ...			*	*		*	*			*	*	*		*	*
Brussels ...	30.04	+0.06	66	*	-14	*	*	SW	3	*	*	*	z	*	*
Charleville ...	30.07	-0.03	64	*	-13	*	*	N	1	*	*	*	z	*	*
Paris ...															*
Lyons ...	30.16	+0.01	77	*	+1	*	*	N	1	*	*	*	z	*	*
Toulon ...															*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wca.		
Skudesnaes ...	29.98	68	63	SSE	6	*	z	2	Valencia ...	30.02	64	59	S	3	6	c
Thurso ...									Scilly ...	30.10	65	61	nnw	3	2	z
Scarborough...	29.89	68	64	N	2	2	z	2	London ...	29.96	80	70	N	2	9	z-c
Greencastle ...	29.96	62	57	NNW	2	4	c	*	Rochefort ...	30.15	70	63	NN	4	10	r
Holyhead ...	29.98	62	60	NNW	3	5	c	2								

The barometer has risen except at Valencia and Rochefort. The wind is generally light and has shifted to South at Valencia, but is not much changed elsewhere.

EXPLANATION OF COLUMNS.

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

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

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

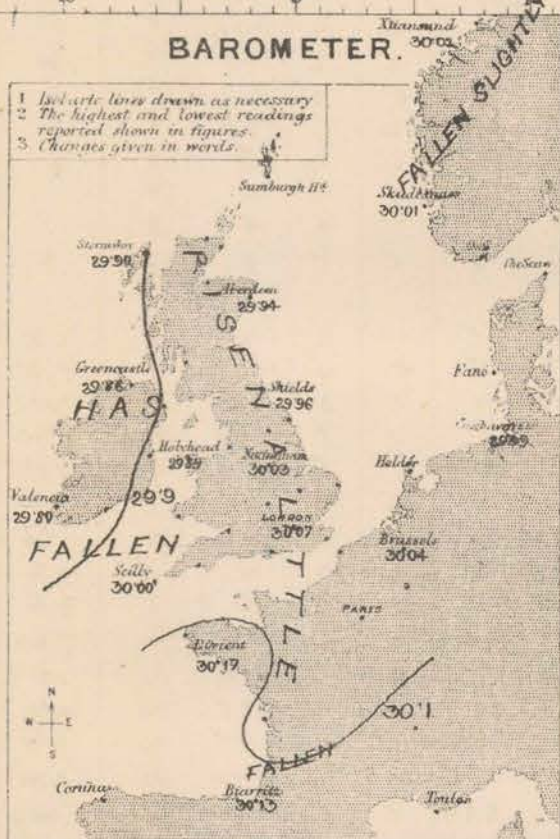
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 24TH JULY 1873 AT 8 A.M.

BAROMETER.

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



A decrease of pressure has commenced at our western stations since last evening, and on the eastern shores of the North Sea also, further fall is shown, but elsewhere the barometer has risen a little. The lowest readings are now in the south of Ireland, and the gradient from Lorient to Valencia is 0.05 in. per 50 miles.

TEMPERATURE.

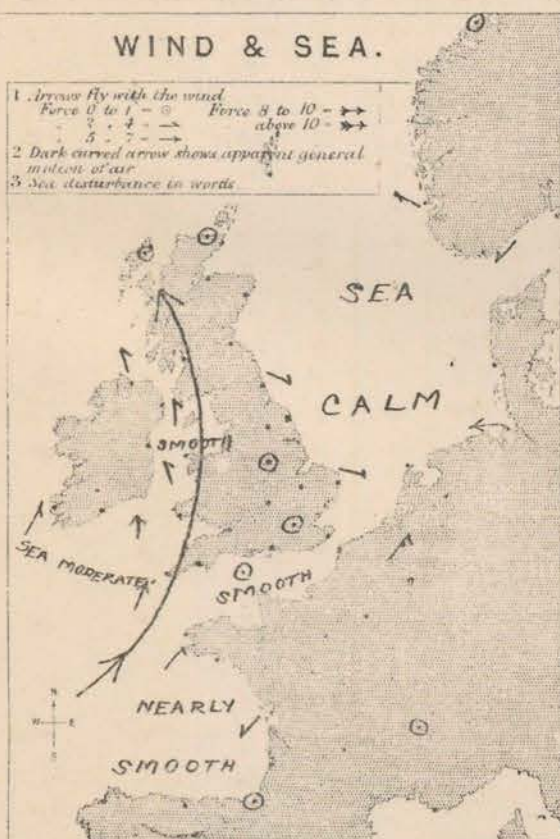
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen slightly in Norway and at all the western stations, but fallen elsewhere—very considerably in the south-east.

WIND & SEA.

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



Moderate S^W breezes have now set in on our western coasts, while on the east coasts of England light N^W winds are reported. An E^W wind is blowing on the eastern shores of the North Sea. The sea is moderate to smooth.

CLOUD, RAIN &c.

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



Thunderstorms have again occurred at some eastern stations. Some rain has fallen in the west and north, where the sky is very cloudy, but clear weather continues elsewhere.

Subscriptions for these Charts payable in advance to order 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.

Printed by Vincent Brooks, Layton, Essex.

Fri-day 8 a.m.

WEATHER REPORT.

July 25th 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Dis- tance 0 to 10.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		In past 24 hours.		At 8 A.M.		Extremes.						
			Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	Max. Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.					
Haparanda ...	30.26	0.0	63	61	+3	*	*	S	2	2	W	*	z	*	*
Hernösand ...	30.25	0.0	61	57	+3	*	*	E	2	0	Z	*	!	*	*
Stockholm ...	30.20	+0.7	64	60	+3	*	*	E	2	2	E	*	z	*	*
Wisby ...	30.10	+0.7	64	61	+4	*	*	?	?	2	W	*	z	*	*
Christiansund ...	30.08	+0.6	65	62	+4	*	*	ENE	2	2	W	*	o c	*	1
Skudesnaes ...	30.09	+0.8	65	60	-5	*	*	ESE	4	4	SSE	*	z	*	4
Öxö (X'iansand)	30.15	+0.9	64	61	0	*	*	ENE	4	4	NE	*	z	*	2
Skagen (The slow)	30.19	+0.4	68	64	+3	*	*	ENE	2	*	*	*	c	*	*
Fanö ...	30.16	+0.8	67	64	0	*	*	SE	6	*	*	*	c	*	*
Cuxhaven ...	30.10 1/2	+1.1	68	66	+3	80	?	SE	3	3	ESE	4	c z	—	0
Sumburgh Head															
Stornoway (He- brides)	29.74 1/2	-1.6	60	59	+5	61	54	SE	1	2	ESE	5	pm	0.18	1
Thurso ...	29.75 1/2	-1.5	62	60	+5	68	56	SSE	3	3	SSE	7	c	0.01	2
Wick ...	29.80 1/2	-1.3	59	58	+2	64	54	SE	2	2	SE	6	fc	0.02	1
Nairn ...	29.77 1/2	-1.6	64	61	+7	65	56	SW	1	1	SW	8	o	0.06	1
Aberdeen ...	29.85 1/2	-0.9	62	60	+4	66	57	S	5	2	S	9	c o m	0.01	2
Leith ...	29.85 1/2	-1.0	65	63	+2	72	59	SW	2	2	W	5	c	0.05	*
Shields ...	29.93 1/2	-0.3	65	62	+2	70	62	SSE	2	3	SSW	8	o	0.01	*
York ...	29.98 1/2	0.0	66	62	+5	75	61	S	2	2	S	6	c	0.02	*
Scarborough ...	29.95 1/2	-0.1	68	65	+2	68	60	SSW	2	2	SSE	8	c o	0.04	2
Nottingham ...	30.00 1/2	-0.3	70	64	+3	77	63	S	4	4	W	5	c m	—	*
Ardrossan ...	29.86 1/2	-0.9	59	57	-3	68	59	SW	4	5	SSE	7	o c	0.17	4
Greencastle ...	29.82 1/2	-0.4	59	57	+1	67	56	SW	4	5	SSE	9	o c	0.45	*
Donaghadee ...	29.96 1/2	+0.6	61	58	+3	62	54	SW	3	5	S	8	o c	0.16	2
Kingstown ...	29.92 1/2	+0.1	60	57	+1	69	58	SSE	1	4	SSE	9	o c	0.09	1
Holyhead ...	29.92 1/2	+0.3	59	58	-1	63	57	SSW	2	4	SSW	6	fm	0.13	2
Liverpool (Bidston Obs.)	29.97 1/2	-0.5	64	61	+1	68	61	SW	1	3	SSE	10	o	—	2
Valencia ...	29.87 1/2	+0.7	61	58	-1	65	55	SW	3	3	SSW	5	c	0.19	2
Roche's Point ...	29.88 1/2	+0.2	60	59	-1	68	55	SW	3	5	S	9	m o	0.22	3
Pembroke ...	29.92 1/2	-0.5	59	59	-2	65	58	SSW	1	5	S	10	o m	0.33	3
Portishead ...	29.97 1/2	-0.8	65	62	+1	74	59	SW	3	4	SW	7	c q	0.02	2
Scilly ...	29.90 1/2	-1.0	60	60	-6	68	60	ESE	1	6	SSW	9	o c	0.65	3
Plymouth ...	29.97 1/2	-0.9	62	62	-1	69	60	S	4	5	S	10	o	0.29	*
Portsmouth ...	30.03 1/2	-0.6	68	62	+2	73	61	SW	4	3	W	4	z c	—	3
Dover ...	30.09 1/2	+0.3	66	63	-6	72	58	SSW	1	3	SW	2	z	—	1
London ...	30.06 1/2	-0.1	65	62	+3	78	58	W	2	2	SW	6	z c	—	*
Oxford ...	30.01	-0.5	66	62	+6	76	60	SE	1	2	SSW	7	o c	0.01	*
Cambridge ...	30.05 1/2	-0.1	70	61	+6	77	57	SW	1	1	SW	7	c	—	*
Yarmouth ...	30.07 1/2	+0.7	67	62	+3	70	60	WSW	3	3	ESE	3	z	—	2
Helder ...	30.09	+1.5	66	*	0	*	*	SW	2	*	*	*	*	*	2
Cape Gris Nez ...	30.10 1/2	+0.4	64	59	+3	68	56	Z	0	4	W	2	c z	—	1
Brest ...	30.05 1/2	-0.7	63	61	+2	68	59	S	5	5	S	10	o	—	3
L'Orient ...	30.14 1/2	-0.3	65	59	+3	74	59	SW	3	3	SW	6	z c	—	2
Roche fort ...	30.09 1/2	+0.3	67	62	+1	77	61	W	1	4	W	0	z	—	3
Biarritz ...	30.07 1/2	-0.6	72	67	+6	72	64	E	3	4	NE	0	o z	—	3
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.13 1/2	+0.9	67	*	+1	*	*	W	1	*	*	*	z	*	*
Charleville ...	30.23	+1.6	64	*	0	*	*	W	1	*	*	*	z	*	*
Paris ...	30.11 1/2	0.0	72	72	+12	75	61	E	1	5	W	2	c	—	*
Lyons ...	30.16	0.0	75	*	-2	*	*	W	1	*	*	*	z	*	*
Toulon ...															

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	30.05	67	62	SSE	6	*	z	3	Valencia ...	29.82	62	61	SSW	2	8
Thurso ...	29.86	65	59	SE	2	5	z	1	Scilly ...	29.98	65	64	SSW	5	9
Scarborough...	29.97	63	58	SSE	2	7	c	2	London ...	30.06	73	61	SSW	2	1
Greencastle ...	29.76	67	62	SSE	4	7	c	*	Rocheftert ...	30.14	74	65	W	3	0
Holyhead ...	29.91	65	63	S	4	5	c	3							

Pressure continues to decrease in the NW of our Islands and to a less extent in the S of England, but has risen again at Valencia. — Winds are not materially changed. —

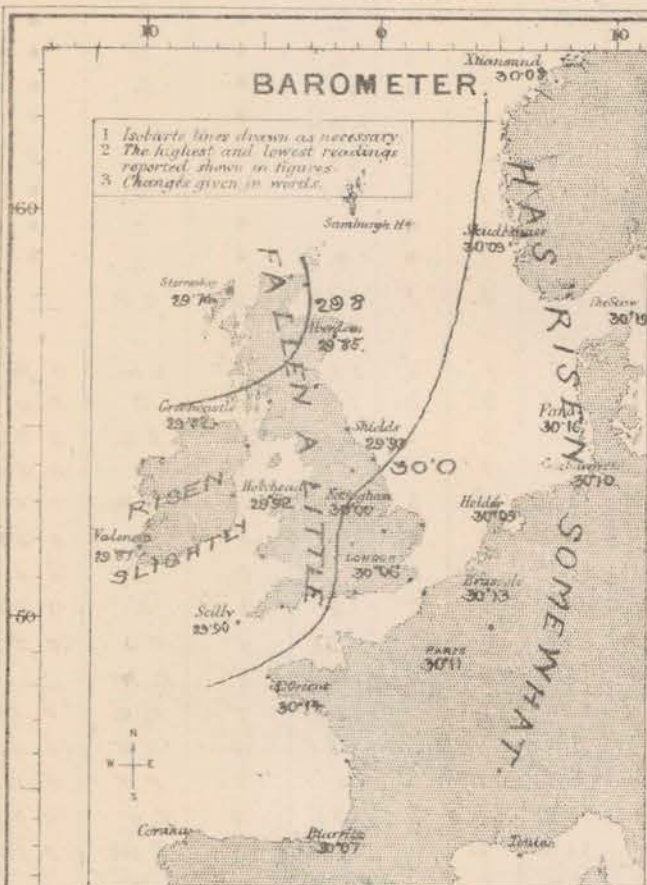
EXPLANATION OF COLUMNS.

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

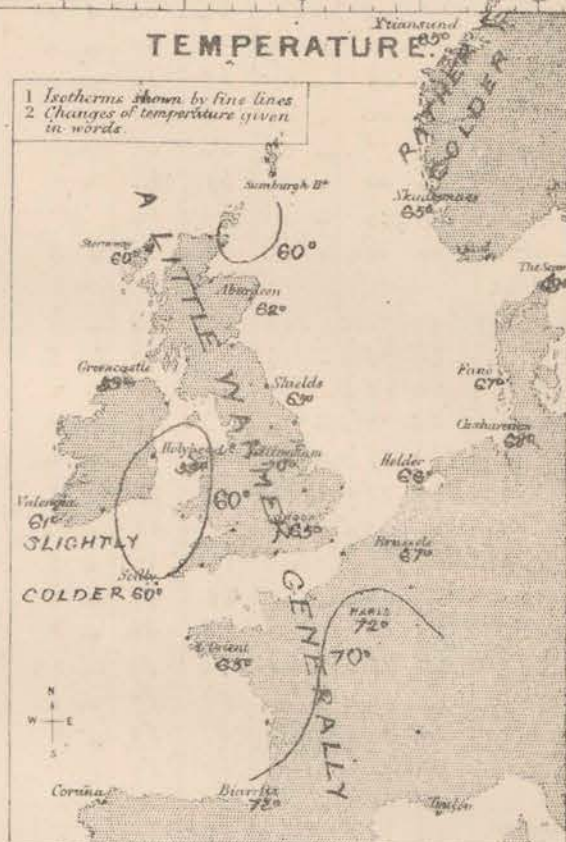
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

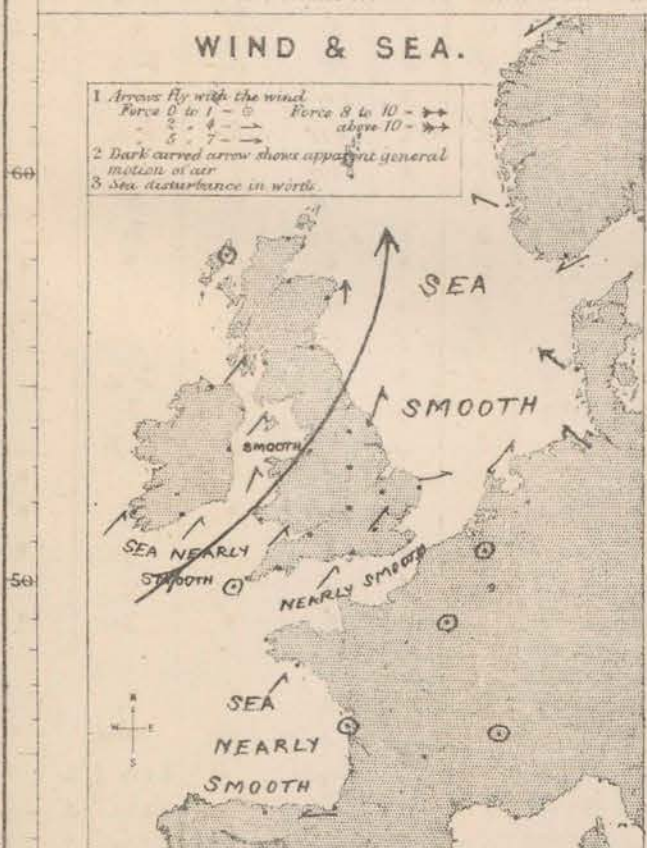
WEATHER CHARTS
AND REMARKS FOR
FRIDAY 25TH JULY 1873 AT 8 A.M.



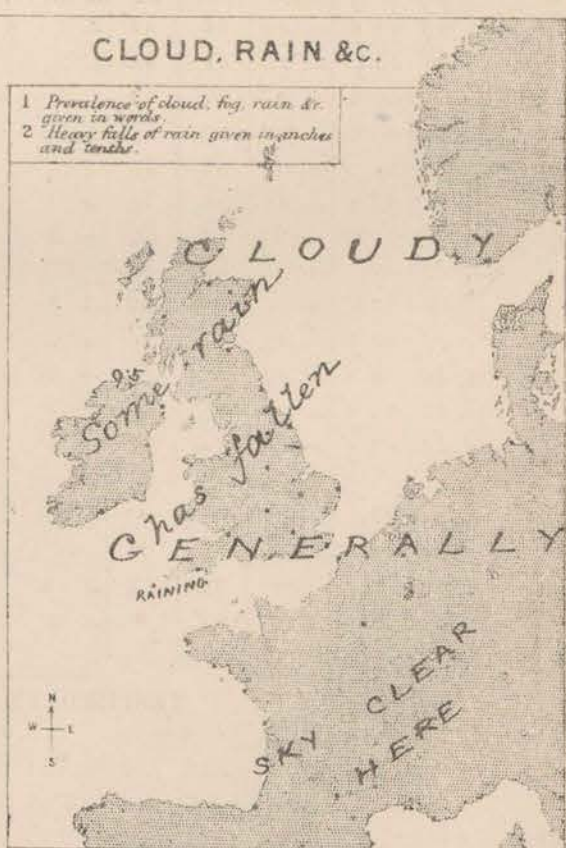
The decrease of pressure noticed yesterday morning in the west extended during the day to our northern and eastern stations but the barometer continued to rise elsewhere, and a recovery is now shown on some parts of the western coasts. The gradient from Sable to Stormy is 0.04 in per 50 miles.



Temperature has fallen a little on the west coast of Norway and in the north west of our Islands, but risen generally elsewhere. The maximum yesterday was much below that of the previous days at most stations.



Light to moderate SW winds are now reported from our western stations, drawing round to S in the north-east, while SE breezes are blowing in Denmark and the south of Norway. The sea is smooth generally.



Some rain has fallen at all but
our south eastern stations. The sky is cloudy
except in France.

*Subscriptions for these Charts payable in advance
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Meteorological Office
116, Victoria Strt, Westminster, S.W.
ROBERT H. SCOTT, Director

Saturday 8 a.m.

WEATHER REPORT.

July 26th

1873.

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 ...	30.20	-.06	66	64	+3	*	*	S	2	2	S	*	7	*	*
Hernösand ...	30.23	-.02	62	59	+1	*	*	L	0	0	L	*	7	*	*
Stockholm ...	30.25	+.05	67	60	+3	*	*	L	0	2	S	*	7	*	*
Wisby ...	30.21	+.11	62	58	-2	*	*	E	2	2	ESE	*	7	*	*
Christiansund ...	30.08	00	68	61	+3	*	*	L	0	0	L	*	7	*	0
Skudesnaes ...	30.08	-.01	67	60	+2	*	*	ESE	6	4	SSE	*	7	*	4
Oxö (X'tiansand)	30.15	00	66	61	+2	*	*	ENE	1	4	ENE	*	7	*	2
Skagen (The Skaw)	30.22	+.03	68	65	0	*	*	S	2	*	*	*	7	*	*
Fanö ...	30.13	-.03	70	66	+3	*	*	SE	6	*	*	*	7	*	*
Cuxhaven ...	30.08 f	-.02	71	68	+3	80	?	SSE	2	2	SE	0	7	—	0
Sumburgh Head															
Stornoway (Hebrides)	29.79 f	+.05	62	59	+2	65	58	L	0	3	S	5	7	0.01	0
Thurso ...	29.79 f	+.04	57	56	-5	72	54	SSE	1	3	W	10	7	0.02	0
Wick ...	29.83 f	+.03	57	56	-2	66	43	L	0	2	SE	10	7	0.07	0
Nairn ...	29.83 f	+.06	60	57	-4	70	57	L	0	1	E	6	7	—	0
Aberdeen ...	29.83 f	-.02	59	58	-3	67	57	SSE	1	2	S	10	7	0.40	0
Leith ...	29.86 f	+.01	61	59	-4	62	56	SE	2	3	S	6	7	0.17	*
Shields ...	29.88 f	-.05	62	60	-3	70	59	S	2	4	S	9	7	0.30	2
York ...	29.91 f	-.07	61	60	-5	73	57	S	1	2	S	10	7	0.74	*
Scarborough ...	29.90 f	-.05	65	62	-3	75	60	S	1	3	SSE	10	7	0.06	1
Nottingham ...	29.94 f	-.06	62	61	-8	78	58	S	1	4	SW	10	7	0.20	*
Ardrossan ...	29.85 f	-.01	58	56	-1	70	54	SSE	1	4	SW	7	7	—	1
Greenecastle ...	29.82 f	00	61	57	+2	64	58	SW	4	5	S	4	7	0.02	*
Donaghadee ...	29.89 f	-.07	58	57	-3	64	52	SSE	3	4	SSE	10	7	—	2
Kingstown ...	29.88 f	-.04	60	56	0	66	59	WSW	2	3	SSE	7	7	0.01	1
Holyhead ...	29.88 f	-.04	59	57	0	66	56	SSW	2	2	SSW	1	7	0.12	1
Liverpool (Bidston Obs.)	29.94 f	-.03	61	58	-3	65	55	WSW	1	4	SSE	7	7	0.46	2
Valencia ...	29.97 f	+.10	59	57	-2	64	55	WN	4	4	WNW	7	7	0.09	3
Roche's Point ...	29.94 f	+.06	58	56	-2	69	55	W	3	4	WSW	7	7	—	3
Pembroke ...	29.96 f	+.04	59	58	0	61	57	WSW	2	2	WSW	7	7	0.23	2
Portishead ...	29.95 f	-.02	65	61	0	67	55	WSW	5	5	S	7	7	0.43	3
Scilly ...	30.00 f	+.10	59	58	-1	63	55	WSW	4	4	WSW	6	7	0.22	5
Plymouth ...	29.99 f	+.02	59	58	-3	63	52	W	3	4	S	4	7	1.46	*
Portsmouth ...	29.97 f	-.06	64	60	-4	73	63	WNW	2	4	SSW	8	7	—	1
Dover ...	29.94 f	-.15	67	61	+1	71	63	WSW	2	3	SSW	6	7	—	1
London ...	29.96 f	-.10	63	62	-2	80	60	W	1	3	SSE	10	7	0.02	*
Oxford ...	29.96	-.05	62	59	-4	79	59	SW	1	3	S	10	7	0.10	*
Cambridge ...	29.99 f	-.06	65	62	-5	82	61	WSW	1	1	S	10	7	0.02	*
Yarmouth ...	29.94 f	-.13	68	65	+1	70	63	SW	3	4	SSE	5	7	—	1
Helder ...	29.97	-.12	71	*	+5	*	*	ESE	2	*	*	*	7	*	2
Cape Gris Nez ...	29.95 f	-.15	64	62	0	75	63	SW	3	1	NE	8	7	—	2
Brest ...	30.04 f	-.01	60	58	-3	68	55	WNW	3	5	S	1	7	0.40	3
L'Orient ...	30.02 f	-.12	62	60	-3	76	60	WNW	4	4	SW	7	7	—	2
Rochefort ...	30.04 f	-.05	67	62	0	77	64	W	3	5	WN	7	7	—	3
Biarritz ...	30.05 f	-.02	70	66	-2	79	66	W	4	5	W	8	7	—	3
Corunna ...			*	*		*	*			*	*	*		*	*
Brussels ...	29.98	-.15	68	*	+1	*	*	?	?	*	*	*	7	*	*
Charleville ...	30.05	-.18	70	*	+6	*	*	S	1	*	*	*	7	*	*
Paris ...	29.97 f	-.14	73	73	+1	82	61	SE	1	5	SE	4	7	—	*
Lyons ...	30.09	-.07	76	*	+1	*	*	S	1	*	*	*	7	*	*
Toulon ...	30.00 f		75	68		84	71	NE	?	4	W	1	7	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	30.12	67	61	SSE	4	*	4	Valencia ...	29.85	62	60	SW	3	7
Thurso ...	29.80	63	59	W	3	8	2	Scilly ...	29.89	60	60	? SW	3	9
Scarborough ...	29.97	67	63	SW	3	9	3	London ...	30.02	76	65	SSE	3	6
Greenecastle ...	29.83	64	58	S	5	6	*	Rochefort ...	30.07	74	63	WN	4	5
Holyhead ...	29.90	60	59	SSW	1	10	5							

The barometer has risen slightly in the north and east, but fallen in other parts. The wind has backed to South and freshened slightly at Greenecastle, but not much changed elsewhere.

EXPLANATION OF COLUMNS.

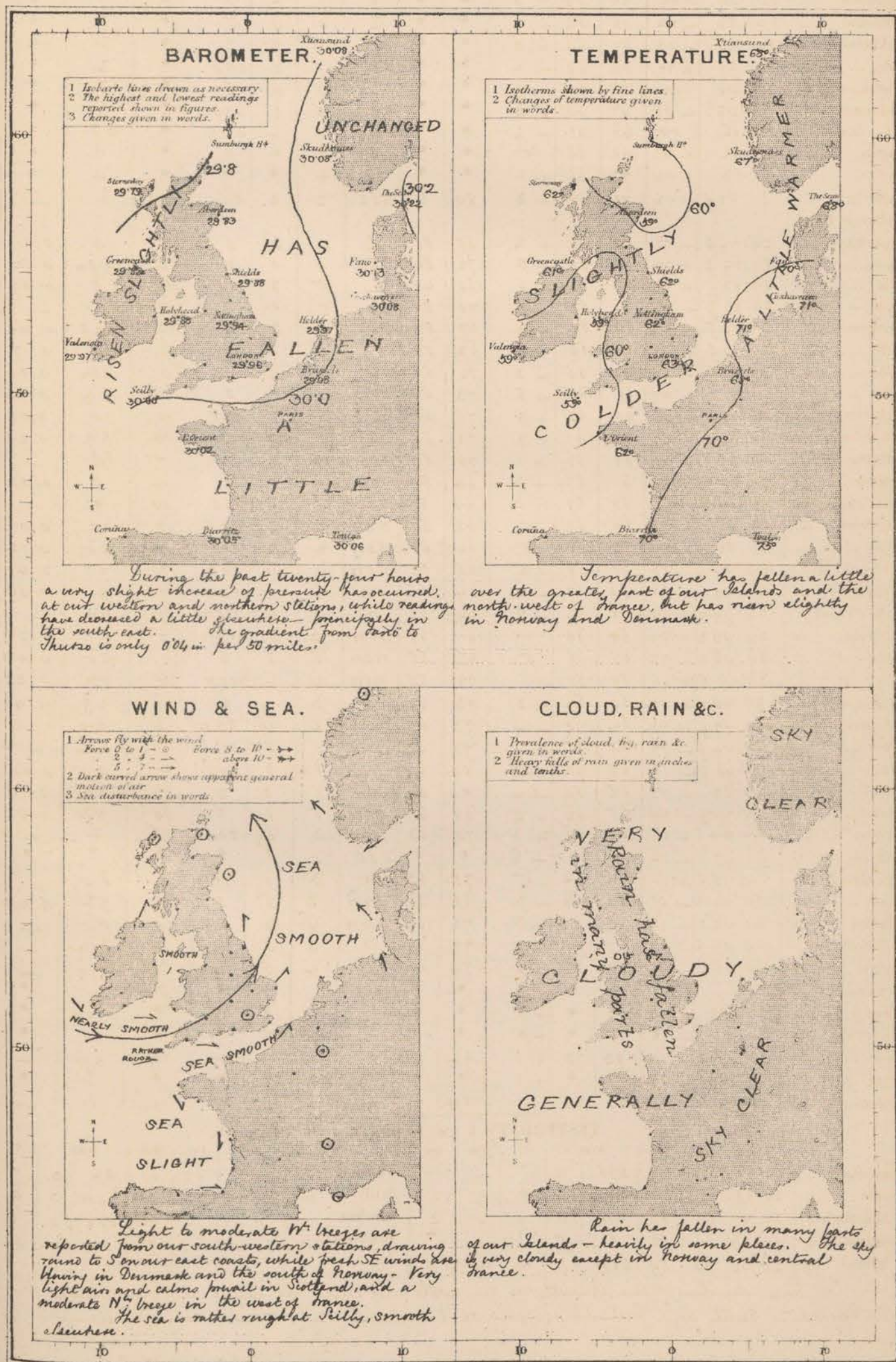
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wind taken at 8 p.m.

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

WEATHER CHARTS

AND REMARKS FOR

SATURDAY 26TH JULY 1873 AT 8 A.M.



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.

SUMMARY OF WEATHER IN WESTERN EUROPE

from 20TH JULY to 26TH JULY 1873.

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

During these seven days a marked change has occurred in the weather over the British Isles. As the disturbance noticed at the close of last week passed off it left us with rather high and uniform pressures, especially at the southern stations, with fine clear weather. Temperature rose considerably, reaching its maximum over our Islands on the 22nd, when readings of 91° at Nottingham, 89° at York and Portsmouth, and 88° in the south-east of England were reported, while 96° was recorded at London; and 99° is reported to have been reached at Biarritz on the 21st. A change then set in, commencing in the west, and some depressions have since passed over us, accompanied very generally by thunderstorms and rain. Temperature has fallen several degrees, and clouds have become prevalent.

JULY 20TH On the morning of the 19th some signs had appeared of a fresh but slight decrease in Ireland. This had become general over the British Isles and France by the 20th, though over the latter country lay a rather large area of high pressure where the highest readings exceeded 30.2 ins. Temperature rose considerably - especially in the east. Light S^W breezes continued in Ireland, with W^W winds in England and over the North Sea; in the west of France an E^W breeze was blowing. The sky cleared at all the French stations and in the east of England. The sea fell calm on nearly all our coasts.

JULY 21ST A further improvement had taken place generally; for while the barometer had risen somewhat over all our northern and eastern stations it had fallen nearly a quarter of an inch in the west of France and this change had extended to our south-western stations in the night. Under these circumstances the E^W breeze extended W^W over the southern parts of our Islands, and the anticyclonic current was continued by S^W winds at our northern stations and W^W breezes in Norway. With the very fine weather which accompanied this system the thermometer continued to rise, and during the day 86° in the shade was reached over central England, 85° in many other places, and a maximum of 99° is reported to have occurred at Biarritz.

JULY 22ND The slight fall of the mercury noticed in the south-west yesterday had continued and extended to all coasts except the eastern shores of the North Sea, the change being felt chiefly in the north-west. At Biarritz, however, a recovery had set in, and this fact, considered together with the advent of a S^W breeze and rain at Valencia, and the prevalence of SE^W breezes in the west of S^W Britain shows the while an anticyclonic system still prevailed over the greater part of western Europe. Ireland was experiencing a slight one of a cyclonic nature causing some increase of sea at Valencia. The weather was yet very fine generally, though

hazy in the north and north-west, and during the day clouds increased somewhat—especially in the west. The heat was very intense, 91° being registered at Nottingham, 96° at Toulon, 93° at Cape Gris Nez, and 88° in London and Oxford. Thunderstorms occurred in many places, and at Kingstown a large amount of rain fell.

JULY 23rd A material change had occurred. Pressure had recovered somewhat in the west and south-west but decreased over Scandinavia and the North Sea, while a very complex depression appeared over the north and centre of Great Britain. The wind had shifted to NW on all our western coasts while it was still E^{ly} in Norway, Denmark and Holland, calms and variable breezes prevailing between these two regions. Temperature, though still high in England, began to give way considerably in the west and during the day the wind after freshening from SW, with close, cloudy weather on our south-east coast veered to NW over the western Irish ports and a fresh system showed itself.

JULY 24th The depression recently observed had passed off to the E^{ward}: at 8 am the NW^{ly} winds on its western side were felt at our north-eastern stations. Calms were reported from Central England but on our western coasts S^{ly} breezes, a falling barometer, cloud and some rain showed the existence of a new centre of disturbance in that neighbourhood. Thunder had prevailed in the east. This new system was more extensive than its predecessor, and extending to the S^{ward} and E^{ward} as the day advanced produced a marked effect on the weather generally. Temperature did not reach 80° in any part of the kingdom: SW^{ly} breezes spread themselves over the whole country. As the barometric fall travelled to the NE^{ward} clouds prevailed, and some rain at all but the south-eastern and French stations. In France the weather was fine.

JULY 25th The disturbance was passing off to the NE^{ward}, and a slight recovery of pressure had taken place at the western stations. Light SW^{ly} winds were general throughout the British Islands, with cloudy weather, which became showery later in the day; while calms were reported from Central France, and SE^{ly} breezes on the eastern shores of the North Sea. In Scandinavia the sky was clear.

JULY 26th A continuation of the barometric change noticed yesterday was reported so that readings had become very uniform, though still lowest in the north-west. Temperature (which had risen above 80° in the south-east during the 25th) fell generally, but the weather showed little change. The wind veered to W on our south-west coasts, drawing round through SW in the south-east of England to SE again in Denmark and Norway. In the west of France NW^{ly} breezes showed themselves.

Sun-day 8 a.m.

WEATHER REPORT.

July 27th 1873.

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 2 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 ...	30.12	-.08	62	9	-4	*	*	S	2	2	S	*	b	*	*
Hernösand ...	30.12	-.11	64	60	+2	*	*	S	2	2	S	*	b	*	*
Stockholm ...	30.19	-.06	68	61	+1	*	*	I	0	4	S	*	b	*	*
Wisby ...	30.22	+.01	67	61	+5	*	*	SE	1	1	E	*	b	*	*
Christiansund ...	29.91	-.17	69	61	+1	*	*	ESE	2	4	NNE	*	bc	*	1
Skudesnaes ...	29.89	-.19	59	58	-8	*	*	E	6	4	ESE	*	cn	*	4
Oxö (Christiansand)	29.91	-.24	65	61	-1	*	*	E	6	4	ENE	*	c	*	4
Skagen (The skaw)	30.05	-.17	67	61	-1	*	*	SE	6	*	*	*	c	*	*
Fanö ...	29.93	-.20	71	66	+1	*	*	S	6	*	*	*	o	*	*
Cuxhaven ...	29.91	-.17	70	67	-1	83	?	N	5	1	SE	7	lc	—	0
Sumburgh Head															
Stornoway (Hebrides.)	29.86 s	+.07	57	55	-5	67	55	NNE	2	2	E	10	fo	—	1
Thurso ...	29.82 r	+.04	56	56	-1	69	55	I	0	2	ESE	10	lf	—	0
Wick ...	29.81 f	-.02	60	57	+3	66	55	SE	1	2	SE	10	f	0.01	0
Nairn ...	29.84 s	+.01	59	56	-1	71	50	I	0	1	ENE	4	tlc	0.40	0
Aberdeen ...	29.83 f	00	62	59	+3	68	51	SE	1	2	S	1	fb	—	1
Leith ...	29.84 s	-.02	64	62	+3	71	49	N	2	2	E	6	c	—	*
Shields ...	29.89 f	+.01	60	57	-2	64	55	S	2	2	S	3	cb	0.06	1
York ...	29.91 s	00	62	58	+1	69	55	SW	1	1	S	4	otc	—	*
Scarborough ...	29.89 s	-.01	67	61	+2	67	56	S	2	2	S	4	oc	0.02	2
Nottingham ...	29.96 r	+.02	66	61	+4	72	54	SW	2	2	SW	7	cm	—	*
Ardrossan ...	29.86 s	+.01	61	57	+3	79	54	S	1	3	SW	6	c	—	0
Greencastle ...	29.84 r	+.02	61	58	0	64	58	ESE	2	4	SSW	10	fg	0.23	*
Donaghadee ...	29.84 r	-.05	60	57	+2	67	54	SSE	3	4	SSE	10	co	—	2
Kingstown ...	29.87 f	-.01	60	56	0	66	58	WSW	1	3	WSW	6	oc	0.08	1
Holyhead ...	29.89 f	+.01	58	56	-1	63	56	SSW	4	4	SSW	2	pt	0.04	2
Liverpool (Bidston Obs.)	29.94 s	00	60	56	-1	67	54	S	2	2	S	9	co	0.04	2
Valencia ...	30.00 f	+.03	56	53	-3	64	54	NW	5	5	NW	7	p	0.08	4
Roche's Point ...	29.99 f	+.05	57	55	-1	66	53	NW	4	5	NW	8	cp	0.08	4
Pembroke ...	29.97 r	+.01	60	57	+1	64	57	WSW	2	3	N	4	cr	—	2
Portishead ...	29.98 r	+.03	?	?	?	72	?	WSW	3	4	N	6	cr	0.12	3
Scilly ...	30.06 s	+.06	59	57	0	64	56	I	0	5	N	6	pc	0.02	3
Plymouth ...	30.03 r	+.04	61	59	+2	68	57	N	4	4	N	1	cb	—	*
Portsmouth ...	30.03 r	+.06	65	60	+1	73	58	SW	4	4	NW	5	c	—	4
Dover ...	30.02 r	+.08	65	59	-2	70	56	SW	2	3	WSW	4	c	0.07	1
London ...	29.98 r	+.02	62	59	-1	74	54	N	1	2	N	6	c	0.01	*
Oxford ...	29.99	+.03	61	58	-1	73	53	WSW	1	2	SW	9	o	—	*
Cambridge ...	29.98 f	-.01	64	57	-1	72	53	WSW	1	1	WSW	6	pc	0.01	*
Yarmouth ...	29.95 r	+.01	65	61	-3	69	54	N	3	3	SSW	3	rb	0.05	1
Helder ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Cape Gris Nez ...	30.03 r	+.08	60	58	-4	68	57	N	4	?	SW	4	c	0.08	3
Brest ...	30.10 f	+.06	60	58	0	68	57	NW	3	4	NW	10	bo	—	2
L'Orient ...	30.14 r	+.12	62	58	0	76	57	I	0	4	NW	6	c	—	1
Rocheport ...	30.14 f	+.10	64	60	-3	79	62	?	4	4	NW	7	c	—	3
Biarritz ...	30.14 r	+.09	64	62	-5	70	62	SE	4	5	?	9	ro	0.08	3
Corunna ...	30.20	00	66	*	-2	*	*	NE	?	*	*	*	b	*	2
Brussels ...	30.11	+.13	66	*	-2	*	*	N	3	*	*	*	tlc	*	*
Charleville ...	30.15	+.10	62	*	-8	*	*	N	6	*	*	*	c	*	*
Paris ...	30.11 r	+.14	62	62	-11	83	57	NW	1	?	?	2	c	0.39	*
Lyons ...	30.16	+.07	75	*	-1	*	*	N	1	*	*	*	o	*	*
Toulon ...	30.06 r	00	78	73	+3	87	54	NE	1	1	SW	3	cb	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes ...	30.02	67	?	?	6	*	C	4	Valencia ...	30.00	61	57	NW	4	5
Thurso ...	29.78	67	61	SE	1	5	C	1	Scilly ...	30.04	64	60	N	4	7
Scarborough ...	29.90	63	61	S	2	10	o	2	London ...	29.97	67	62	N	1	7
Greencastle ...	29.82	60	58	SSW	2	10	p	*	Rocheport ...	30.08	68	63	NW	3	10
Holyhead ...	29.90	64	60	SW	3	2	b	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 strong wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light rain; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet.

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

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

WEATHER CHARTS

AND REMARKS FOR

SUNDAY 27th JULY 1873 AT 8 A.M.



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

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

Printed by Vincent Brooks, 1, Avenue Road, London, N.W.

Mon - day 8 a.m.

WEATHER REPORT.

July 28th 1873.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Discom- 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. Max. Min.	At 8 A.M.		Extremo. Force. Force. (0 to 12.) (0 to 12.)	Direc.					
			Dry bulb.	Wet bulb.			Direc.	Force.							
Haparanda ...	29.94	-.18	68	65	+6	*	*	SVV	4	2	S	*	z	*	*
Hernösand ...	29.90	-.22	61	60	-3	*	*	L	0	2	SSW	*	z	*	*
Stockholm ...	29.97	-.22	71	63	+3	*	*	S	2	4	S	*	c	*	*
Wisby ...	30.00	-.22	68	61	+1	*	*	S	2	2	W	*	z	*	*
Christiansund ...	29.82	-.09	59	56	-10	*	*	WSW	6	2	NNW	*	c	*	3
Skudesnaes ...	29.86	-.03	60	54	+1	*	*	S	4	2	S	*	co	*	3
Oxö (Christiansand)	29.81	-.10	63	54	-2	*	*	SSW	4	4	W	*	oc	*	3
Skagen (The Skaw)	29.96	-.09	62	60	-5	*	*	SW	4	*	*	*	c	*	*
Fanö ...	30.03	+10	69	63	-2	*	*	SW	6	*	*	*	c	*	*
Cuxhaven ...	30.025	+11	66	54	-4	74	?	WSW	3	2	N	0	cz	-	0
Sumburgh Head															
Stornoway (Hebrides)	29.845	-.02	59	55	+2	61	49	W	1	3	NNW	6	c	-	0
Thurso ...	29.785	-.05	55	54	-1	60	54	NNW	2	2	NN	9	fo	0.01	1
Wick ...	29.815	00	57	55	-3	62	53	NN	2	2	N	8	fo	0.03	0
Nairn ...															
Aberdeen ...	29.825	-.01	59	56	-3	69	53	NNW	1	1	SE	7	fcm	-	0
Leith ...	29.852	+01	62	60	-2	67	55	W	2	2	W	7	zc	0.09	*
Shields ...	29.872	-.02	60	56	0	65	55	W	3	3	SW	3	clz	0.02	1
York ...	29.918	00	61	58	-1	70	54	WSW	2	1	SW	6	zc	0.10	*
Scarborough ...	29.892	00	64	61	-3	69	55	W	1	2	SW	6	zc	0.24	1
Nottingham ...	29.962	00	62	59	-4	74	54	WSW	2	3	SW	10	zu	0.09	*
Ardrossan ...	29.902	+04	57	54	-2	66	56	NNW	4	4	NNW	6	zlc	0.10	3
Greenecastle ...	29.942	+10	60	56	-1	65	53	NNW	3	4	NNW	4	c	-	*
Donaghadee ...	29.932	+09	60	56	0	65	54	W	4	4	W	5	c	-	2
Kingstown ...	29.992	+12	58	55	-2	65	56	W	2	2	WSW	7	ozc	0.07	2
Holyhead ...	29.962	+07	58	56	0	66	56	NN	1	4	SSW	6	c	-	1
Liverpool (Bidston Obs.)	29.972	+03	58	56	-2	67	55	W	2	4	W	6	c	0.11	2
Valencia ...	30.015	+01	54	56	+3	61	53	SSW	3	6	NN	6	pc	0.03	3
Roche's Point ...	29.992	00	54	57	+2	64	55	W	2	4	NN	6	pc	0.15	2
Pembroke ...	30.002	+03	59	57	-1	62	58	NN	2	5	WSW	7	cz	-	1
Portishead ...	30.012	+03	60	57	?	70	54	WSW	3	5	W	9	co	-	2
Scilly ...	30.065	00	59	57	0	64	56	L	0	4	W	6	c	-	3
Plymouth ...	30.052	+02	62	58	+1	68	54	WSW	3	4	W	7	cm	-	*
Portsmouth ...	30.042	+01	64	57	-1	70	57	W	3	5	WSW	4	c	-	3
Dover ...	30.072	+05	65	59	0	68	56	SW	2	4	SW	2	z	-	2
London ...	30.042	+06	60	57	-2	74	51	SW	2	3	SW	3	pcz	0.01	*
Oxford ...	30.01	+02	60	56	-1	71	51	SW	2	3	W	9	co	-	*
Cambridge ...	30.002	+02	63	57	-1	73	50	SSW	1	1	WSW	6	pc	-	*
Yarmouth ...	30.002	+05	60	57	-5	71	54	SW	3	5	S	3	pb	0.21	1
Helder ...	30.03		64	*		*	*	SW	4	*	*	*	*	*	2
Cape Gris Nez ...	30.072	+04	59	55	-1	65	57	W	3	4	W	4	zc	-	2
Brest ...	30.105	00	59	57	-1	69	54	E	3	4	NN	8	o	-	3
L'Orient ...	30.105	-.04	58	54	-4	74	53	NE	3	4	NN	4	c	-	2
Rochefort ...	30.045	-.10	64	57	0	82	60	NE	3	5	NN	5	oc	-	3
Biarritz ...	30.005	-.14	64	60	0	73	59	E	1	5	NE	4	oz	0.08	3
Corunna ...				*		*	*	*	*	*	*	*	*	*	*
Brussels ...	30.09	-.02	67	*	+1	*	*	WSW	3	*	*	*	c	*	*
Charleville ...	30.08	-.07	63	*	+1	*	*	NNE	3	*	*	*	c	*	*
Paris ...	30.105	-.01	62	62	0	74	58	NE	4	3	W	7	zc	-	*
Lyons ...	30.12	-.04	75	*	0	*	*	NN	1	*	*	*	z	*	*
Toulon ...	30.052	-.01	77	68	-1	88	69	ESE	1	1	WSW	1	z	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.
Skudesnaes ...	29.82	62	61	SSE	4	*	7	4	Valencia ...						
Thurso ...									Scilly ...						
Scarborough ...									London ...						
Greenecastle ...								*	Rochefort ...	30.13	71	62	NN	4	5
Holyhead ...															

EXPLANATION OF COLUMNS.

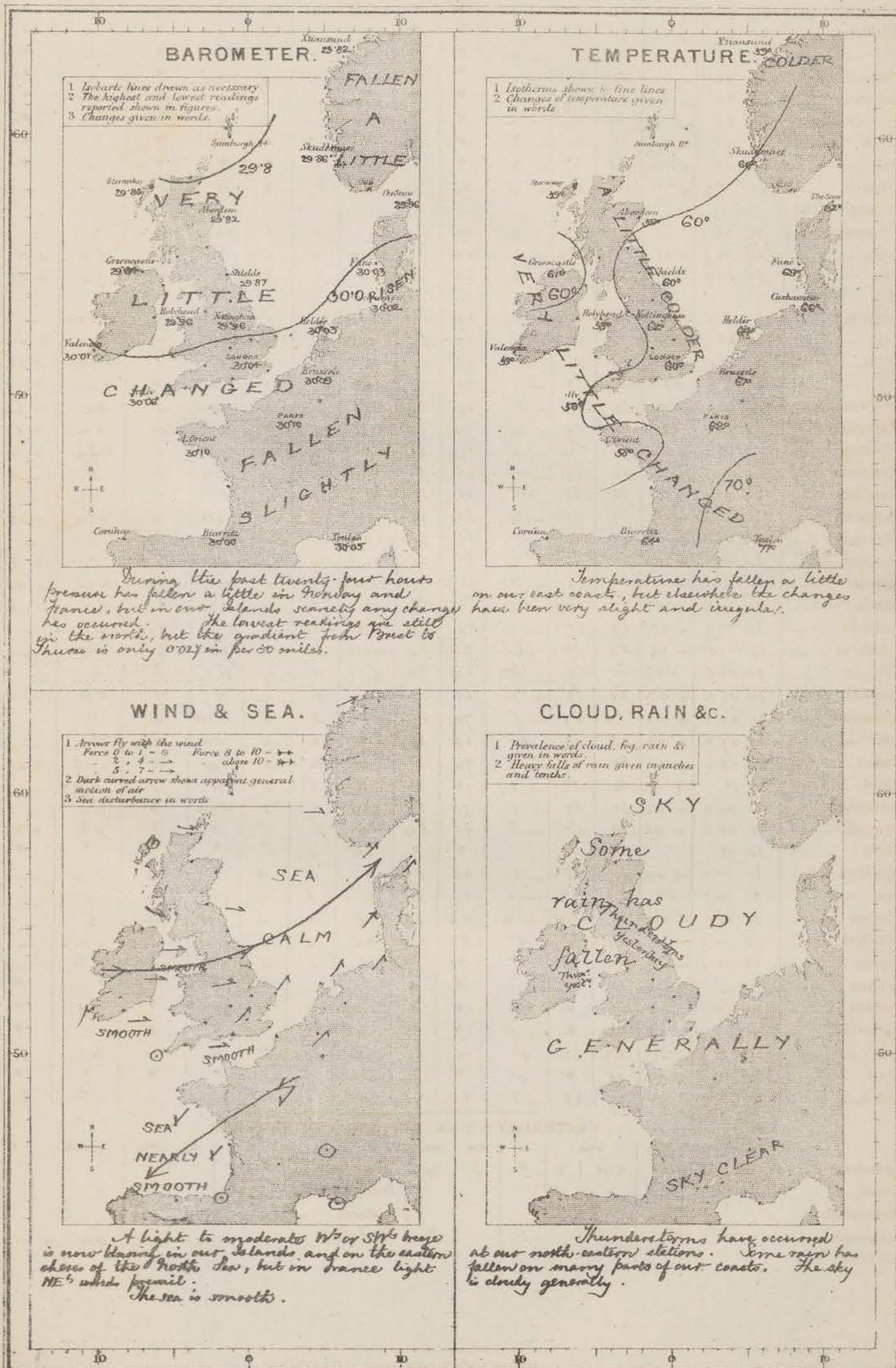
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. **AN ASTERISK** is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observed taken at 8 p.m.
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

MONDAY 28th JULY

1873 AT 8 A.M.



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book post 2/- per quarter.

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

Printed by Vincent Brooks, 1, Ave. du Louvre, Paris.

Tues-day 8 a.m.

WEATHER REPORT.

July 29th 1873.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance 0 to 3.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.72	-.22	66	62	-2	*	*	SW	6	2	S	*	h	*	*
Hernösand ...	29.76	-.14	62	56	+1	*	*	SW	4	4	S	*	h	*	*
Stockholm ...	29.91	-.06	64	60	-7	*	*	W	2	2	WSW	*	h	*	*
Wisby ...	29.94	-.06	64	62	-4	*	*	WNW	2	2	S	*	h	*	*
Christiansund ...	29.80	-.02	59	55	0	*	*	WSW	6	2	WNW	*	sc	*	3
Skudesnaes ...	29.93	+.07	62	58	+2	*	*	WSW	4	4	SSW	*	c	*	3
Oxö (X'iansand)	29.90	+.09	62	58	-1	*	*	WSW	2	4	SW	*	c	*	2
Skagen (The Skaw)	30.00	+.04	62	59	0	*	*	WSW	4	*	*	*	c	*	*
Fanö ...	30.08	+.05	66	61	-3	*	*	WSW	4	*	*	*	c	*	*
Cuxhaven ...	30.05 f	+.03	66	60	0	?	55	E	1	2	W	0	h	-	0
Sumburgh Head															
Stornoway (Hebrides)	29.87 x	+.03	60	57	+1	62	49	SSE	1	1	SE	3	ch	0.02	1
Thurso ...	29.86 x	+.08	57	55	+2	59	53	Z	0	2	NW	6	oc	0.03	0
Wick ...	29.89 x	+.08	58	56	+1	64	50	SW	1	2	NW	8	co	-	0
Nairn ...	29.90 x	+.08	60	55	+3	64	50	W	1	1	ENE	4	c	0.01	1
Aberdeen ...	29.92 x	+.10	57	55	-2	63	53	SSE	1	1	SE	7	xc	0.14	0
Leith ...	29.94 x	+.09	55	54	-7	70	49	E	2	3	NW	8	co	-	*
Shields ...	29.96 x	+.11	59	55	-1	68	53	S	1	3	W	2	h	-	1
York ...	29.99 x	+.08	57	54	-4	70	48	Z	0	3	W	7	c	-	*
Scarborough ...	30.00 x	+.11	62	58	-2	67	51	SE	1	1	W	2	ch	0.02	1
Nottingham ...	30.01 x	+.05	65	59	+3	75	53	SE	1	3	W	0	cm	-	*
Ardrossan ...	29.93 f	+.03	57	56	-2	67	54	SE	2	4	WNW	8	ch	0.09	2
Greencastle ...	29.87 f	-.07	57	56	-3	63	56	SSE	1	3	WNW	10	h	0.09	*
Donaghadee ...	29.91 f	-.02	57	56	-3	62	55	SSE	4	4	SSE	10	cg	0.05	3
Kingstown ...	29.94 f	-.05	59	57	+1	66	58	SSE	1	4	SE	10	cd	0.03	1
Holyhead ...	29.95 f	-.01	61	57	+3	66	56	SSW	1	2	WNW	4	c	-	1
Liverpool (Bidston Obs.)	29.99 f	+.02	62	57	+4	65	55	SE	1	2	W	4	c	-	1
Valencia ...	29.83 f	-.18	58	57	-1	64	55	S	5	5	S	9	x	1.00	14
Roche's Point ...	29.88 f	-.11	59	58	0	67	56	SSW	4	4	SSW	9	o	0.30	3
Pembroke ...	29.96 f	-.04	60	57	+1	66	57	SE	1	1	W	8	ch	0.02	2
Portishead ...	29.97 f	-.04	63	60	+3	71	48	Z	0	4	W	3	cm	-	0
Scilly ...	29.94 f	-.12	61	56	+2	68	56	SE	3	3	SE	5	c	-	2
Plymouth ...	29.95 f	-.10	58	56	-4	68	49	SSE	2	4	SW	10	cm	-	*
Portsmouth ...	29.96 f	-.08	67	60	+3	71	55	ESE	1	4	WSW	6	c	-	1
Dover ...	30.00 f	-.07	67	60	+2	68	53	NE	1	4	WSW	2	h	-	0
London ...	29.99 f	-.05	62	58	+2	73	50	SE	1	2	SW	0	h	-	*
Oxford ...	29.99	-.02	60	57	0	72	47	Z	0	2	SW	6	cm	-	*
Cambridge ...	30.00 x	0.00	64	59	+1	74	51	SE	1	1	SW	0	ch	-	*
Yarmouth ...	30.00 x	0.00	63	61	+3	72	55	SSE	2	4	SSW	3	ch	-	1
Helder ...	30.04	+.01	59	*	-5	*	*	SW	3	*	*	*	*	*	2
Cape Gris Nez ...	30.00 f	-.07	61	54	+2	66	54	E	1	3	W	4	c	-	1
Brest ...	29.93 f	-.17	59	59	0	68	54	NE	3	4	NNE	10	co	-	2
L'Orient ...	29.89 f	-.21	62	58	+4	77	58	E/NE	3	3	NW	8	co	-	2
Rochefort ...	29.90 f	-.14	70	63	+6	77	53	SSE	4	4	NW	8	h	0.04	3
Biarritz ...	29.93 x	-.07	69	67	+5	74	64	W	4	5	NE	5	c	-	3
Corunna ...			*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	30.01	-.08	67	*	0	*	*	NE	3	*	*	*	c	*	*
Charleville ...	30.03	-.05	67	*	+4	*	*	E	3	*	*	*	c	*	*
Paris ...	29.97 f	-.13	62	62	0	76	60	SE	5	5	WNW	10	h	0.43	*
Lyons ...	30.08	-.04	77	*	+2	*	*	S	1	*	*	*	h	*	*
Toulon ...	30.11 x	+.06	79	65	+2	86	70	NE	3	3	SSW	4	c	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.
Skudesnaes ...	29.84	64	60	SSW	4	*	3	Valencia ...	29.94	58	55	S	4	9
Thurso ...	29.81	57	55	NW	2	7	1	Scilly ...	30.05	65	60	S	2	4
Scarborough ...	29.90	63	59	W	1	4	1	London ...	29.98	70	61	WSW	2	7
Greencastle ...	29.95	62	57	NW	2	6	*	Rochefort ...	30.00	72	61	NW	1	6
Holyhead ...	29.98	61	57	WNW	2	4	1							

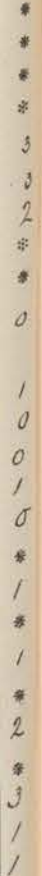
The barometer has fallen a little at our southern stations, but is not much changed elsewhere. — Winds are not materially altered. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet; * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

Sea
Distance
0 to 9



44
5

44



24

1

24

Wednesday 8 a.m.

WEATHER REPORT.

July 30th 1873.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 10.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.	At 8 A.M.		Extreme.						
			Dry bulb.	Wet bulb.			Max.	Min.		Direc.					Force. (0 to 12.)
Haparanda ...	29.70	-.02	53	52	-13	*	*	N	8	6	SV	*	o	*	*
Hernösand ...	29.95	+.19	60	53	-2	*	*	NNW	2	2	NNW	*	h	*	*
Stockholm ...	29.95	+.04	62	59	-2	*	*	NSW	2	4	NSW	*	h	*	*
Wisby ...	30.00	+.06	64	60	0	*	*	N	2	2	S	*	h	*	*
Christiansund ...	30.03	+.23	57	53	-2	*	*	Z	0	2	NNW	*	h o	*	2
Skudesnaes ...	29.99	+.06	62	59	0	*	*	SE	4	0	Z	*	h c	*	2
Oxö (X'husand) ...	29.98	+.08	59	58	-3	*	*	N	2	6	NSW	*	h	*	1
Skagen (The Skaw) ...	30.02	+.02	63	60	+1	*	*	SV	1	*	*	*	c	*	*
Fanö ...	30.02	-.06	67	64	+1	*	*	E	4	*	*	*	c	*	*
Cuxhaven ...	29.93 f	-.12	66	62	0	72	9	ESE	4	3	NE	5	c	-	0
Sumburgh Head ...															
Stormoway (Hafsløssund) ...	29.71 f	-.16	60	57	0	64	55	SE	1	2	E	6	nc	0.36	1
Thurso ...															
Wiek ...	29.80 f	-.09	59	57	+1	64	54	SE	1	2	SE	4	oc	0.08	1
Nairn ...	29.72 f	-.13	59	56	-1	64	53	Z	0	1	N	3	pt	0.24	1
Aberdeen ...	29.83 f	-.09	58	57	+1	68	55	SV	1	2	SV	5	ncm	0.29	0
Leith ...	29.84 f	-.10	59	56	+4	60	50	S	2	3	E	7	oc	0.12	*
Shields ...	29.89 f	-.09	60	58	+1	68	58	SSE	2	4	SSE	5	c	-	3
York ...	29.92 f	-.07	64	60	+7	74	57	Z	0	3	SSE	0	ct	0.03	*
Scarborough ...	29.91 f	-.09	64	62	+2	64	58	SV	1	3	ESE	3	ct	0.07	1
Nottingham ...	29.99 c	-.02	69	63	+4	80	60	SV	1	2	SSE	4	cm	0.06	*
Ardrossan ...	29.84 f	-.09	58	59	+1	62	54	S	3	4	S	9	n	0.29	4
Greencastle ...	29.76 f	-.11	61	59	+4	62	56	SSW	3	5	SSE	8	po	0.33	*
Donaghadee ...	29.79 f	-.12	58	57	+1	62	54	S	5	5	S	10	o	0.18	4
Kingstown ...	29.83 f	-.11	62	59	+3	66	59	ESE	3	5	SSE	7	C	0.08	2
Holyhead ...	29.87 f	-.08	61	59	0	70	58	SSW	3	2	SV	7	rm	0.06	2
Liverpool (Biddam Ob.) ...	29.93 s	-.06	63	58	+1	71	57	SE	2	3	SE	7	C	-	1
Valencia ...	29.76 f	-.08	60	60	+2	63	57	SSW	4	6	S	9	rm	0.09	4
Roche's Point ...	29.80 s	-.08	60	59	+1	68	58	SSW	4	5	SSW	9	cl	0.28	4
Pembroke ...	29.91 f	-.05	61	60	+1	65	58	SV	1	2	SV	7	cp	0.12	1
Portishead ...	29.97 c	+.05	66	61	+3	71	55	NSW	2	2	S	5	c	-	1
Scilly ...	29.94 c	+.00	64	62	+3	70	60	SSW	5	5	SSW	6	C	-	4
Plymouth ...	29.99 c	+.04	64	63	+6	?	53	SSW	3	3	SSE	10	ou	-	*
Portsmouth ...	29.92 c	+.04	68	62	+1	72	59	NSW	3	4	ESE	3	ct	-	*
Dover ...	29.99 c	-.01	62	59	-5	69	60	N	3	3	E/NE	7	hlc	0.10	2
London ...	29.98 c	-.01	65	61	+3	76	59	N	2	2	SE	1	ct	-	*
Oxford ...	29.98	-.01	64	58	+4	74	59	N	1	1	S	5	pc	0.10	*
Cambridge ...	29.96 c	+.04	69	63	+5	79	60	N	1	1	SE	7	lc	-	*
Yarmouth ...	29.40 f	-.10	66	64	+3	68	62	N	2	4	ESE	3	c	-	1
Helder ...	29.91	-.13	64	*	+10	*	*	SSE	2	*	*	*	*	*	2
Cape Gris Nea ...	29.98 f	-.02	59	57	-2	73	58	N	5	4	E	10	co	0.12	?
Brest ...	30.02 c	+.09	63	61	+4	69	56	SSW	5	5	SSW	7	o	-	1
L'Orient ...	30.09 c	+.20	65	61	+3	78	56	SV	3	4	N	2	h	-	1
Rocheport ...	30.09 c	+.19	67	62	-3	83	63	N/NE	1	5	NN	0	h	0.04	3
Biarritz ...	30.11 c	+.18	70	68	+1	74	65	S	3	5	N	6	zf	-	3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	29.98	-.02	71	*	+4	*	*	NSW	3	*	*	*	c	*	*
Charleville ...	30.05	+.02	69	*	+2	*	*	SE	3	*	*	*	c	*	*
Paris ...														*	*
Lyons ...	30.18	+.10	79	*	+2	*	*	SE	1	*	*	*	c	*	*
Toulon ...														*	*

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	
Skudesnaes ...	29.98	63	59	NSW	4	*	C	3	Valencia ...	29.76	60	60	S	6	9
Thurso ...	29.87	61	57	SW	1	7	C	1	Scilly ...	29.93	67	61	SE	3	4
Scarborough...	29.98	61	59	ESE	3	5	C	2	London ...	29.94	74	64	SE	2	10
Greencastle ...	29.85	60	59	SSW	4	10	N	*	Rocheport ...	29.95	81	70	NN	4	0
Holyhead ...	29.92	64	57	SW	2	6	C	2							

The barometer is falling slowly except in the north. — The S⁴ wind has freshened a little and the sea risen at Valencia. — The weather continues rainy in Ireland. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. light m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS.

AND REMARKS FOR

WEDNESDAY 30TH JULY

1873 AT 8 A.M.

BAROMETER.

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



A slight decrease of pressure has now taken place in our Islands, and at the south-eastern stations generally; but in Norway and Danes the barometer has risen somewhat. The gradient from Plymouth to Valencia is 0.05 in. per 50 miles.

TEMPERATURE.

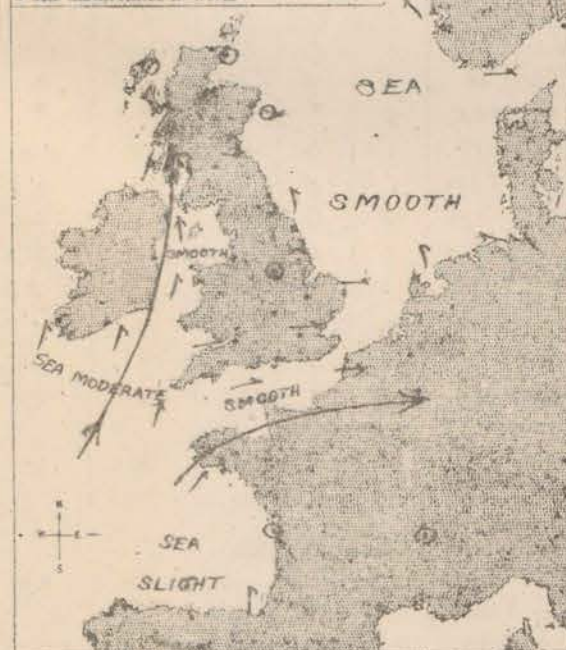
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen a few degrees generally.

WIND & SEA.

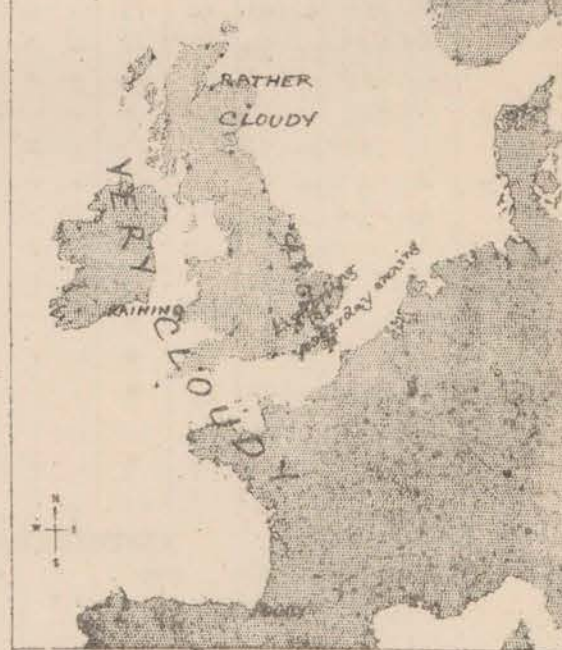
- 1 Arrows fly with the wind
Force 0 to 10 - - -
Force 11 to 15 - - -
Force 16 to 20 - - -
Force 21 to 25 - - -
Force 26 to 30 - - -
Force 31 to 35 - - -
Force 36 to 40 - - -
Force 41 to 45 - - -
Force 46 to 50 - - -
Force 51 to 55 - - -
Force 56 to 60 - - -
Force 61 to 65 - - -
Force 66 to 70 - - -
Force 71 to 75 - - -
Force 76 to 80 - - -
Force 81 to 85 - - -
Force 86 to 90 - - -
Force 91 to 95 - - -
Force 96 to 100 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



Moderate S or SW winds prevail on our west coasts, while a W breeze is blowing in the south-east. Very light airs or calms are reported from the north of Scotland. The sea is moderate in the south-west, smooth elsewhere.

CLOUD, RAIN &c.

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



Some rain has fallen at all but our southern stations. Lightning was seen in the south-east of England last evening. The sky is clear on our east coast, but very cloudy in the west.

Subscription for these Charts payable in advance to order delivery.
Delivery by hand 10/- per quarter.
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Meteorological Office
116, Victoria St., Westminster, S.W.
ROBERT H. SCOTT, Director.

Thursday 8 a.m.

WEATHER REPORT.

July 31st 1873.

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 ...	30.14	+ .44	49.	45	- 4	*	*	NE	2	2	N	*	b	*	*
Hernösand ...	30.07	+ .12	57	54	- 3	*	*	Z	0	2	SW	*	c	*	*
Stockholm ...	30.01	+ .06	67	63	+ 5	*	*	SE	2	2	ESE	*	b	*	*
Wisby ...	30.02	+ .02	63	58	- 1	*	*	S	2	2	N	*	c b	*	*
Christiansund ...	29.81	- .22	61	57	+ 4	*	*	E	2	2	NNE	*	b	*	1
Skudesnaes ...	29.78	- .21	57	56	- 5	*	*	SE	6	2	SSE	*	cn	*	4
Oxö (Klönö) ...	29.89	- .09	60	59	+ 1	*	*	ENE	4	2	SW	*	co	*	2
Skagen (The Skaw) ...	29.97	- .05	67	65	+ 4	*	*	S	4	*	*	*	c	*	*
Fanö ...	30.03	+ .01	70	66	+ 3	*	*	SSW	6	*	*	*	c	*	*
Cuxhaven ...	30.05	+ .12	67	64	+ 1	76	?	SW	4	3	SW	2	z b	0.04	0
Bumburgh Head															
Stornoway (Hebrides) ...	29.58 f	- .13	57	56	- 3	61	54	SW	2	5	S	6	nc	0.38	4
Thurso ...	29.59 f		64	59		70	57	Z	0	2	S	5	oc	0.01	0
Wick ...	29.62 f	- .18	60	58	+ 1	66	56	N	1	2	SE	10	o	0.01	0
Nairn ...	29.64 f	- .13	59	57	0	70	54	N	1	1	N	8	po	0.08	1
Aberdeen ...	29.67 f	- .16	59	57	+ 1	66	56	S	2	4	SW	9	o	0.05	1
Leith ...	29.69 f	- .15	57	57	- 2	68	55	S	2	3	S	10	oc	0.66	*
Shields ...	29.75 f	- .14	64	60	+ 4	72	59	S	3	3	S	8	o	0.01	2
York ...	29.83 f	- .09	66	62	+ 2	75	58	S	4	2	S	5	c	-	*
Scarborough ...	29.71 f	- .20	67	62	+ 3	72	64	SSW	5	3	SSW	1	c b	-	4
Nottingham ...	29.90 f	- .09	69	64	0	79	60	SW	5	5	SW	9	cu	-	*
Ardrossan ...	29.70 f	- .14	58	57	0	67	58	SW	3	4	S	8	n	0.41	3
Greencastle ...	29.70 f	- .06	59	57	- 2	62	55	SW	5	5	SW	9	no	0.37	*
Donaghadee ...	29.73 s	- .06	59	58	+ 1	64	55	WSW	5	4	SW	9	no	0.28	4
Kingstown ...	29.82 s	- .01	61	56	- 1	67	57	SW	2	3	SW	7	oc	0.12	2
Holyhead ...	29.85 n	- .02	60	58	- 1	67	58	SSW	5	4	SSW	4	nc	0.13	3
Liverpool (Bidston Obs.) ...	29.98 n	+ .05	62	58	- 1	70	58	SW	4	4	SW	7	oc	1.10	3
Valencia ...	29.87 n	+ .12	61	58	+ 1	67	57	N	4	4	SW	4	pc	0.09	3
Roche's Point ...	29.85 f	+ .05	60	58	0	68	56	WSW	4	7	SSW	9	o	0.34	4
Pembroke ...	29.95 n	+ .04	61	58	0	65	58	WSW	4	5	SW	7	mc	0.04	3
Portishead ...	29.98 n	+ .01	64	62	- 2	76	59	N	4	4	N	7	pg	0.12	3
Scilly ...	30.04 n	+ .10	62	60	- 2	71	59	WSW	5	5	WSW	5	c	0.11	4
Plymouth ...	30.03 n	+ .04	64	63	0	68	61	SW	2	4	SSE	10	om	0.17	*
Portsmouth ...	30.05 f	+ .13	66	64	- 2	73	63	SW	5	3	WSW	9	cd	-	4
Dover ...	30.07 f	+ .08	67	62	+ 5	69	60	SSW	4	4	SW	1	b	-	3
London ...	30.02 f	+ .04	66	63	+ 1	80	61	SW	3	3	N	10	c b o	-	*
Oxford ...	29.97	- .01	64	62	0	75	59	SSW	2	4	N	10	cn	0.04	*
Cambridge ...	29.99 f	+ .03	70	64	+ 1	79	58	SW	3	2	SW	10	co	-	*
Yarmouth ...	29.98 n	+ .08	67	64	+ 1	75	60	SSW	4	4	ENE	5	c	-	2
Heider ...	30.05	+ .14	68	*	- 1	*	*	SW	6	*	*	*	*	*	2
Cape Gris Nez ...	30.08 f	+ .10	66	62	+ 7	69	58	SSW	3	4	N	2	f b	-	2
Brest ...	30.10 n	+ .08	63	63	0	68	60	SW	5	5	SSW	10	o	-	4
L'Orient ...	30.15 n	+ .06	66	66	+ 1	78	63	SW	3	4	SW	9	bo	-	1
Rochefort ...	30.20 n	+ .11	65	65	- 2	79	63	N	3	5	NN	0	b	-	3
Biarritz ...	30.20 n	+ .09	72	68	+ 2	81	69	E	3	5	N	4	c	-	3
Corunna ...	30.12		66	*		*	*	SE	3	*	*	*	b	*	2
Brussels ...	30.11	+ .13	72	*	+ 1	*	*	N	3	*	*	*	b	*	*
Charleville ...	30.19	+ .14	68	*	- 1	*	*	WSW	3	*	*	*	b	*	*
Paris ...	30.13 n	+ .07	74	74	+ 6	82	65	?	1	4	SW	0	c b	-	*
Lyons ...	30.28	+ .10	77	*	- 2	*	*	E	1	*	*	*	b	*	*
Toulon ...	30.15 f	00	78	69	+ 5	91	?	S	4	5	NNW	4	f c	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	
Skudesnaes ...	29.97	64	60	SSE	2	*	0	2	Valencia ...	29.81	62	62	SW	3	9	g
Thurso ...	29.71	66	60	S	2	6	c	1	Scilly ...	29.98	70	66	SSW	5	6	c
Scarborough...	29.91	70	64	SSW	2	8	o	2	London ...	30.01	76	64	WSW	2	7	b c
Greencastle ...	29.76	60	60	SSE	1	9	n	*	Rochefort ...	30.14	79	65	NNE	2	0	b
Holyhead ...	29.84	64	61	SSW	2	10	d	1								

Pressure has fallen slightly at Holyhead but risen in the South and at Valencia. - Winds are very little changed. - The weather is cloudy in the West with rain 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. light; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

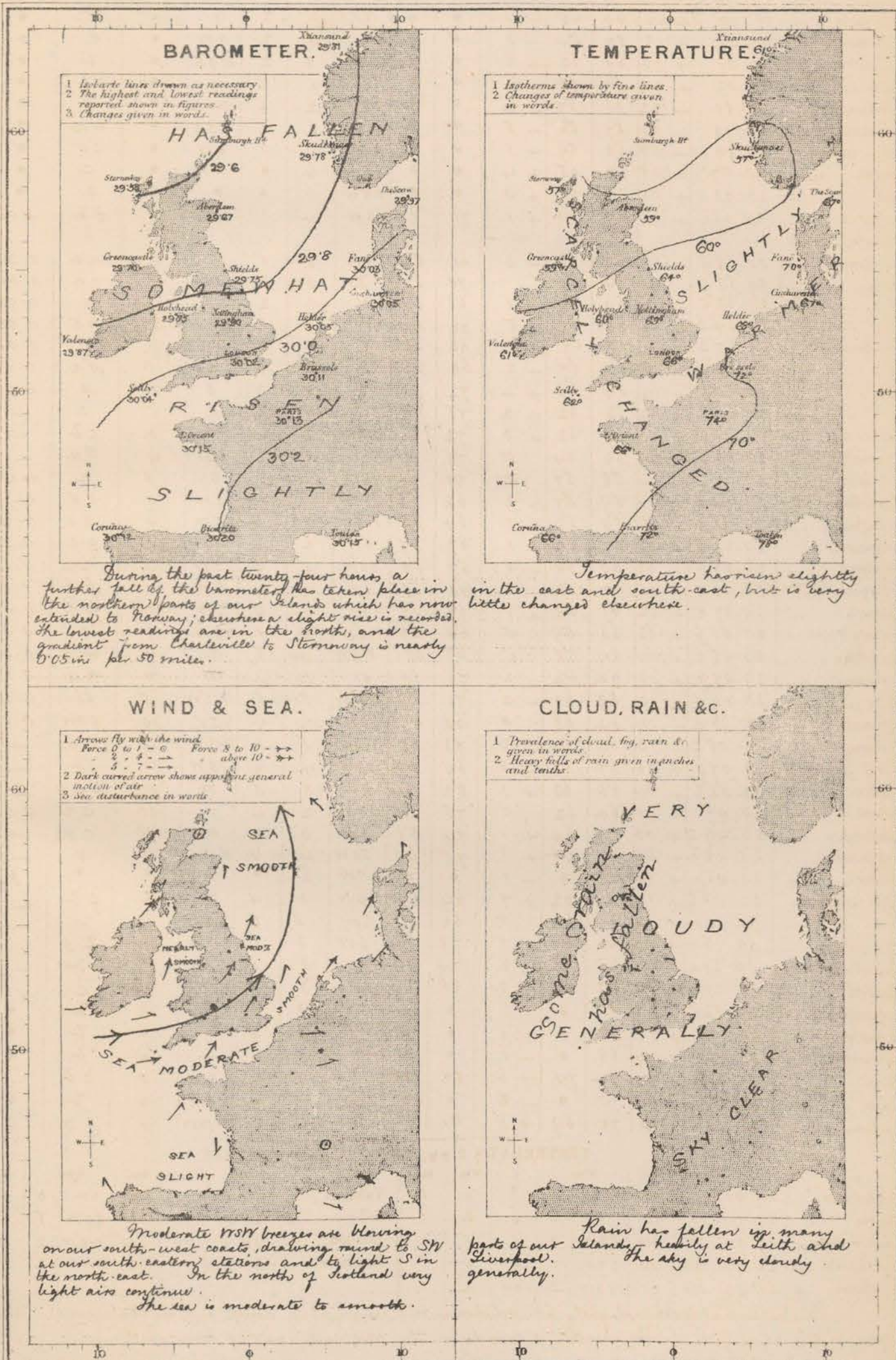
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

THURSDAY 31ST JULY

1873 AT 8 A.M.



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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1873.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

Date	STATIONS	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- ance. 0 to 9.	
		At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.	At 8 A.M.		Extreme.						
				Dry bulb.	Wet bulb.			Max.	Min.	Dir.	Force. (0 to 12.)					Force. (0 to 12.)
1 st	Lumburgh H ^o	29.89	+03	57	49	+2	52	47	WNW	3	3	SSW	5	oc	—	3
"	Corunna	30.28	+08	68	*	+5	*	*	N	3	*	*	*	c	*	4
2 nd	Lumburgh H ^o	29.91	+02	57	50	0	56	45	S	3	3	WNW	5	c	—	3
"	Corunna	30.20	-08	68	*	0	*	*	NE	3	*	*	*	b	*	5
3 rd	Skagen	30.05	+12	62	61	+3	*	*	E	2	*	*	*	o	*	*
"	Faro	30.08	+16	56	56	-1	*	*	NW	2	*	*	*	c	*	*
"	Lumburgh H ^o	29.78	-13	52	52	+1	56	43	SSE	7	4	S	10	of	—	4
"	Corunna	29.96	-24	73	*	?	*	*	?	?	*	*	*	b	*	2
"	Paris	30.08	-05	66	66	+8	72	52	SSE	3	4	WSW	0	ob	—	*
4 th	Corunna	30.04	+08	64	*	-9	*	*	S	3	*	*	*	o	*	—
5 th	Corunna	30.04	00	70	*	+6	*	*	?	?	*	*	*	c	*	4
6 th	Lumburgh H ^o	29.92	+36	56	53	+3	60	48	S	1	4	W	5	c	—	3
"	Toulon	30.15	?	79	70	?	80	66	NW	3	3	E	3	cf	—	2
8 th	Lumburgh H ^o	29.87	-05	53	53	-3	59	49	SSE	5	6	SSE	9	so	—	5
"	Brest	30.14	+05	62	60	+5	70	55	SE	3	3	N	2	cb	—	3
"	L'Orient	30.17	+09	63	58	+3	75	58	L	0	4	NW	6	c	—	1
"	Corunna	30.16	—	68	*	—	*	*	NE	3	*	*	*	b	*	2
9 th	Lumburgh H ^o	29.83	-04	55	53	+2	59	49	L	0	3	SSW	3	rc	0.24	2
"	Corunna	30.28	+18	68	*	0	*	*	SE	3	*	*	*	?	*	2
10 th	Corunna	30.20	-08	66	*	-2	*	*	NE	3	*	*	*	b	*	2
11 th	Lumburgh H ^o	29.61	-04	54	52	0	58	48	SW	3	4	E	5	rc	0.13	3
"	Brest	29.95	-10	57	57	-5	69	50	—	3	4	—	10	fo	—	3
"	Corunna	30.01	-16	66	*	0	*	*	SW	3	*	*	*	o	—	2
12 th	Skagen	29.81	+05	60	57	-2	*	*	SW	?	*	*	*	o	*	*
"	Faro	29.79	-08	61	59	-5	*	*	S	?	*	*	*	c	*	*
13 th	Lumburgh H ^o	29.53	-04	53	52	-2	59	49	SE	4	4	SE	10	of	—	3
"	Stornoway	29.57	-02	56	54	0	61	47	E	1	3	SE	6	bc	—	1
14 th	Skagen	29.61	-21	63	60	+3	*	*	SE	8	*	*	*	o	*	*
"	Faro	29.60	-19	60	58	-1	*	*	SW	8	*	*	*	c	*	*
"	Lumburgh H ^o	29.41	-14	55	54	+2	57	48	N	4	4	SE	10	rf	0.35	4
"	Corunna	30.04	-04	64	*	-4	*	*	SW	?	*	*	*	c	*	5
15 th	Haparanda	29.63	+01	62	60	+2	*	*	SE	4	2	SW	*	o	*	*
"	Herrnands	29.65	+04	59	54	-8	*	*	SSE	8	4	S	*	c	*	*
"	Stockholm	29.83	+05	65	59	0	*	*	SW	4	6	S	*	bc	*	*
"	Vieky	29.86	+08	66	59	+3	*	*	SW	2	6	SW	*	bc	*	*
"	Christiansund	29.50	-09	57	55	0	*	*	WSW	6	6	ESE	*	+	*	3
"	Skudenes	29.70	+34	59	56	+6	*	*	SSE	6	8	WSW	*	ob	*	4
"	Oso	29.75	+32	59	56	0	*	*	ESE	2	8	SSW	*	c	*	3
"	Hagen	29.81	+20	59	57	-4	*	*	SW	2	*	*	*	o	*	*
"	Faro	29.79	+19	59	57	-1	*	*	SSE	4	*	*	*	c	*	*
"	Lumburgh H ^o	29.61	+21	53	53	-2	59	48	E	1	4	ENE	9	fr	0.13	3
"	Corunna	30.20	+16	64	*	0	*	*	SSW	3	*	*	*	b	*	2
16 th	Lumburgh H ^o	29.76	+15	52	50	-1	61	49	N	4	1	E	5	c	0.02	0
"	Corunna	30.36	+16	64	*	0	*	*	?	?	*	*	*	b	*	2
17 th	Lumburgh H ^o	29.85	+08	52	50	0	57	45	W	3	4	NW	5	c	—	3
18 th	Lumburgh H ^o	29.50	-35	52	49	0	57	48	W	7	5	S	9	o	0.07	5
"	Corunna	30.24	?	70	*	?	*	*	N	3	*	*	*	b	*	2
19 th	Skagen	29.63	-30	59	57	0	*	*	W	4	*	*	*	o	*	*
"	Faro	29.78	-22	57	57	-6	*	*	WNW	6	*	*	*	c	*	*
"	Lumburgh H ^o	29.71	+21	50	49	-2	57	49	W	5	6	W	5	c	0.02	4
"	Corunna	30.28	+04	68	*	-2	*	*	NE	?	*	*	*	c	*	4
20 th	Liverpool	30.07	-07	68	62	+6	70	59	SW	4	5	SW	3	cb	—	3
21 st	Lumburgh H ^o	30.08	+53	55	55	+1	57	49	SSW	4	8	W	10	od	0.18	5
"	Stornoway	29.92	+23	66	64	+6	68	55	N	5	6	W	8	fw	0.09	5
"	Corunna	29.92	-12	75	*	+3	*	*	NE	?	*	*	*	b	*	1
"	Paris	30.19	-07	71	?	+9	80	61	WNW	4	3	SSE	0	b	—	*
22 nd	Lumburgh H ^o	29.97	-11	60	59	+5	68	57	SW	1	3	SSW	10	cf	—	2
"	Corunna	29.88	-04	72	*	-3	*	*	—	—	*	*	*	o	*	0
23 rd	Skagen	30.19	+06	67	62	+2	*	*	E	2	*	*	*	b	*	*
"	Faro	30.15	-10	67	65	+5	*	*	S	1	*	*	*	f	*	*
"	Lumburgh H ^o	29.90	-07	58	58	-2	64	58	L	0	1	S	10	cf	—	2

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

Date	STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0.009.	
		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.					
23 rd	Thurso	29.86f	-05	59	59	-13	82	36	Z	0	3	NNW	10	gto	0.80	0	
	Trick	29.90f	-06	60	59	-7	73	37	S	1	1	S	10	blo	0.35	0	
	Liverpool	29.93f	-10	70	64	-3	89	61	NNE	1	5	W	7	bbo	0.65	2	
	Cornwall	30.25	+32	52	*	-18	*	*	?	?	*	*	*	?	*	4	
24 th	Thurso	29.80	*	61	63	*	*	*	N	1	*	*	8	fo	*	0	
	Skagen	30.15	-04	65	61	-2	*	*	SE	4	*	*	*	c	*	#	
	Faro	30.08	-07	67	63	0	*	*	SE	6	*	*	*	c	*	*	
	Lumburgh H ^d	29.90r	00	54	54	-4	65	57	N	1	4	SE	10	blf	0.41	3	
	Cornwall	30.20	00	66	*	+12	*	*	SE	?	*	*	*	f	*	2	
	Paris	30.11r	+11	60	760	-12	82	57	NIV	5	8	NW	8	oc	—	*	
25 th	Lumburgh H ^d	29.83f	-07	53	50	+1	61	52	SSE	5	5	SSE	10	br	0.50	?	
26 th	Lumburgh H ^d	29.90r	+07	56	55	+1	68	57	SSE	4	0	Z	10	fo	0.11	3	
	Cornwall	30.20	*	68	*	*	*	*	N	6	*	*	*	c	*	4	
27 th	Lumburgh H ^d	29.81f	-09	55	55	-1	57	57	ESE	3	5	SSE	10	rf	0.71	4	
28 th	Lumburgh H ^d	29.79r	-03	52	48	-1	57	57	WSW	2	3	SE	10	f	—	3	
	Hairn	29.82r	-02	57	55	-2	62	55	Z	0	1	ENE	8	ro	1.22	1	
	Cornwall	29.96	-26	66	*	0	*	*	?	?	*	*	*	o	*	4	
29 th	Lumburgh H ^d	29.83r	+05	53	53	-1	57	50	WSW	1	1	WSW	10	f	0.04	?	
30 th	Lumburgh H ^d	29.84f	+01	53	53	0	58	50	SSE	5	3	W	10	fd	0.06	3	
	Thurso	29.74f	-12	61	58	+4	63	53	SSE	1	2	ESE	4	com	0.16	1	
	Paris	30.06r	+09	68	68	+6	88	64	NW	5	5	S	0	cb	—	*	
	Toulon	30.13r	+06	73	71	-6	80	71	?SE	3	4	SE	?	?	—	3	
31 st	Lumburgh H ^d	29.59f	-25	55	55	+2	59	48	W	3	5	SSE	10	of	0.17	4	
CORRECTIONS																	
1 st	Alderson	—	—	—	—	—	—	—	SW	—	—	—	—	—	—	—	—
2 nd	Stornoway	29.81f	-20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Trick	—	—	—	62	—	—	—	—	—	—	—	—	—	—	—	—
3 rd	Aberdeen	—	—	59	56	+4	—	—	—	—	—	—	—	—	—	—	—
4 th	Lumburgh H ^d	—	—	52	52	—	—	—	—	—	—	—	—	—	—	—	—
	Stornoway	—	—	—	—	—	—	—	—	—	7	S	—	—	—	—	—
6 th	Aberdeen	—	—	—	—	-2	60	—	—	—	—	—	—	—	—	—	—
7 th	Boussels	—	—	72	—	+9	—	—	—	—	—	—	—	—	—	—	—
8 th	Boussels	—	—	—	—	-6	—	—	—	—	—	—	—	—	—	—	—
	Stornoway	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—
	Greenacastle	—	—	57	55	—	—	—	—	—	—	—	—	—	—	—	—
	Holyhead	—	—	—	—	—	63	—	—	—	—	—	—	—	—	—	—
9 th	Shields	—	—	—	—	—	—	—	W	—	—	—	—	—	—	—	—
10 th	Thurso	29.59f	-23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Liverpool	29.81f	-31	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11 th	Thurso	—	+01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alderson	—	—	—	—	—	—	—	—	4	—	—	—	—	—	—	—
	Kingstown	—	—	—	—	—	—	56	—	—	—	—	—	—	—	—	—
	Liverpool	—	+06	—	—	—	—	—	—	—	6	WSW	—	—	—	—	—
12 th	Holyhead	—	—	—	—	—	—	—	SSW	—	—	—	—	—	—	—	—
13 th	Thurso	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
	Cambridge	29.71r	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14 th	Aberdeen	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	—	—
16 th	Cambridge	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—
18 th	Liverpool	—	—	—	—	—	—	58	—	—	—	—	—	—	—	—	—
20 th	Skagen	—	+20	—	—	0	—	—	—	—	—	—	—	—	—	—	—
	Faro	—	+26	—	—	+2	—	—	—	—	—	—	—	—	—	—	—
21 st	Lumburgh H ^d	29.56f	-15	—	—	+4	—	—	—	7	—	—	—	—	—	—	—
	Hairn	—	+25	—	—	-9	—	—	—	—	—	—	—	—	—	—	—
22 nd	Liverpool	—	+10	—	—	+3	—	—	—	—	—	—	—	—	—	—	—
24 th	Stornoway	—	—	—	—	-2	—	—	—	—	—	—	—	—	—	—	—
	Aberdeen	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
30 th	Plymouth	—	—	—	—	—	71	—	—	—	—	—	—	—	—	—	—
31 st	Portsmouth	30.02r	+06	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Thurso	—	-15	—	—	+3	—	—	—	—	—	—	—	—	—	—	—
	Liverpool	29.88r	-05	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Portsmouth	—	+03	—	—	—	—	—	—	—	—	—	—	—	—	—	—