

13804

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY 31ST DECEMBER.

1874.

Tues - day 8 a.m.

WEATHER REPORT.

Sept 1st

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disur- ance 0 to 3.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29.88	+ .02	64	62	0	*	*	N	2	0	Z	*	0	*	*
Hernösand ...	29.90	+ .04	65	62	-3	*	*	NE	2	0	Z	*	0	*	*
Stockholm ...	29.76	- .01	51	50	0	*	*	NNE	4	2	SEE	*	0	*	*
Wisby ...						*	*					*		*	*
Christiansund ...	29.81	+ .08	55	52	+4	*	*	SSW	2	2	ESE	*	0	*	1
Skudesnaes ...	29.76	+ .08	56	53	+1	*	*	E	6	4	NSW	*	0	*	3
Oxö (Christiansand) ...	29.82	+ .02	54	52	+1	*	*	N	2	4	SW	*	0	*	3
Skagen (The Skaw) ...	29.86	+ .01	59	57	0	*	*	N	2	4	N	*	0.20	*	*
Fanö ...	29.86	+ .04	61	60	+7	*	*	S	4	2	N	*	0.39	*	*
Cuxhaven ...	29.945	+ .06	63	60	?	67	?	SSW	2	4	NSW	5	0.04	*	*
Sumburgh Head ...	29.48f	+ .17	54	50	+2	57	51	SE	6	6	NNN	10	0.02	5	
Stornoway (Hebrides) ...	29.12f	- .18	52	52	0	58	50	E	6	6	SW	10	0.44	7	
Thurso ...	29.29f	- .04	55	54	0	66	68	ESE	5	4	ESE	10	0.06	2	
Wick ...	29.28f	- .05	55	54	+5	62	49	SE	6	6	SE	10	0.13	4	
Nairn ...	29.16f	- .20	60	56	+5	63	52	S	5	5	N	8	0.04	2	
Aberdeen ...	29.32f	- .06	57	56	+2	64	52	S	3	3	NSW	10	0.05	3	
Leith ...	29.30f	- .16	63	61	+8	67	52	SW	1	4	NNN	7	0.08	*	
Shields ...	29.29f	- .14	64	62	+8	65	55	SSW	4	6	NSW	6	0.12	2	
York ...	29.53f	- .13	66	64	+8	68	56	S	3	3	N	8	0.18	*	
Scarborough ...	29.50f	- .12	67	64	+8	67	58	SSW	5	3	SSW	9	0.15	4	
Nottingham ...	29.55f	- .14	68	64	+5	68	59	SEE	8	8	SW	7	0.15	*	
Ardrossan ...	29.24f	- .22	61	59	+5	62	55	S	5	6	S	8	0.21	4	
Greencastle ...	29.18f	- .27	57	54	+2	62	54	SSW	7	7	SSW	10	0.31	*	
Donaghadee ...	29.24f	- .23	59	58	+5	64	54	S	6	6	S	8	0.25	4	
Kingstown ...	29.34f	- .25	58	54	+1	66	57	NSW	3	4	S	6	0.18	2	
Holyhead ...	29.35f	- .25	61	60	+4	64	47	SSW	5	6	SSW	10	0.20	4	
Liverpool (Bidston Obs.) ...	29.41f	- .21	62	60	+5	67	57	SEE	3	?	SW	9	0.37	2	
Valencia ...	29.41f	- .18	55	51	-2	65	50	SW	4	7	SW	5	0.72	4	
Roche's Point ...	29.38f	- .22	56	53	+1	64	53	NSW	5	7	SEE	4	0.06	5	
Pembroke ...	29.45f	- .23	61	60	+2	63	58	NSW	5	7	S	8	0.22	6	
Portishead ...	29.52f	- .23	65	63	+5	72	57	SW	9	6	N	10	0.02	3	
Scilly ...	29.57f	- .10	59	58	-3	68	58	NSW	6	7	S	7	1.00	7	
Plymouth ...	29.59f	- .22	62	62	+1	64	59	S	6	8	S	10	0.52	*	
Hurst Castle ...	29.69f	- .16	66	63	+3	72	62	SW	7	7	SW	10	0.07	?	
Dover ...	29.81f	- .03	65	63	+1	66	63	SEW	4	5	NSW	3	0.04	4	
London ...	29.70f	- .07	69	64	+5	74	61	SW	5	6	SW	8	0.06	*	
Oxford ...	29.63	- .15	67	63	+4	71	61	NSW	8	9	NSW	10	0.11	*	
Cambridge ...	29.68f	- .06	69	64	+7	74	61	SSW	4	4	SSW	10	0.01	*	
Yarmouth ...	29.74f	- .02	67	64	+4	72	63	SW	4	4	SEW	3	0.02	4	
Helder ...	29.87	+ .09	63	*	+4	*	*	SEW	6	*	*	*	0	4	
Cape Gris Nez ...	29.83f	- .01	65	63	+4	69	60	SW	5	7	NSW	9	0.12	4	
Brest ...	29.74f	- .21	63	63	+3	66	57	SEW	5	7	SSW	10	0.12	5	
L'Orient ...	29.80f	- .33	66	64	+3	68	61	SW	7	7	SW	4	0.16	6	
Rochefort ...	29.92f	- .20	68	61	+3	?	64	SEE	4	5	SW	10	0	3	
Biarritz ...	29.91f	- .25	78	71	+14	80	64	S	4	4	NE	6	0	4	
Corunna ...						*	*				*	*	0	*	
Brussels ...	29.96	+ .06	68	*	+4	*	*	SW	3	*	*	*	0	*	*
Charleville ...	30.07	+ .03	62	*	+3	*	*	SE	3	*	*	*	0	*	*
Paris ...	29.98f	- .03	62	*	0	77	62	SE	4	7	NSW	4	0	*	*
Lyons ...	?	?	66	*	+3	*	*	E	1	*	*	*	0	*	*
Toulon ...	30.25f	+ .02	68	59	0	80	62	?	3	5	N	1	0	3	

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.54	58	55	SSW	4	*	0	4	Valencia ...	29.60	62	58	SW	4	5	4
Thurso ...	29.38	65	56	N	2	5	C	2	Scilly ...	29.80	66	63	SSW	5	8	5
Scarborough...	29.69	65	58	SW	3	7	C	2	London ...	29.88	70	63	N	4	7	*
Greencastle ...	29.51	62	55	SW	5	3	6	*	Rochefort...	30.05	73	61	SW	5	7	3
Holyhead ...	29.75	62	60	SSW	5	5	m	4								

Pressure is now increasing except at Rochefort, but the winds show very little change and the sea has gone down somewhat 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. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

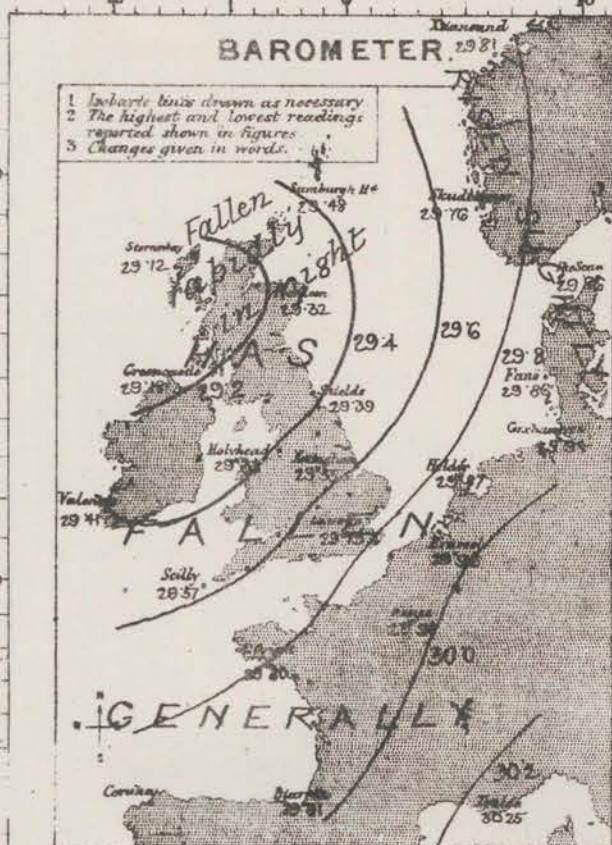
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

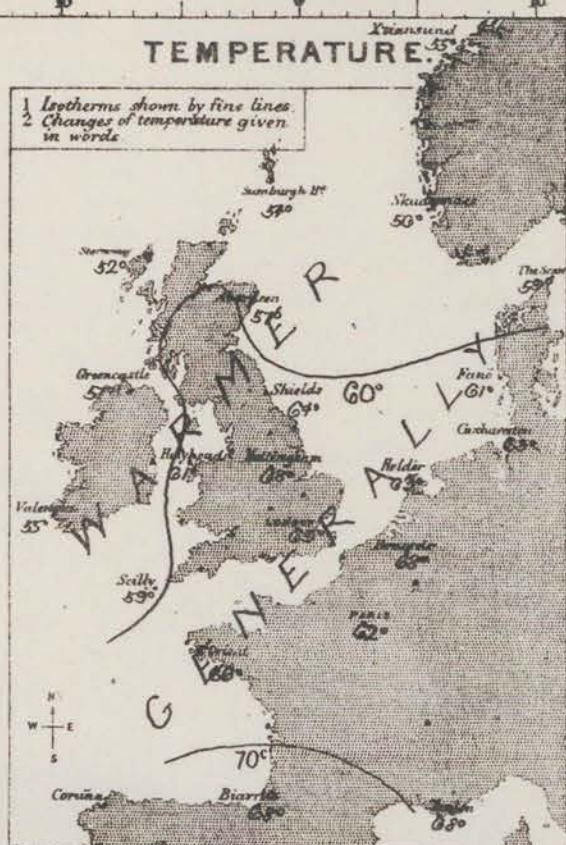
WEATHER CHARTS

AND REMARKS FOR

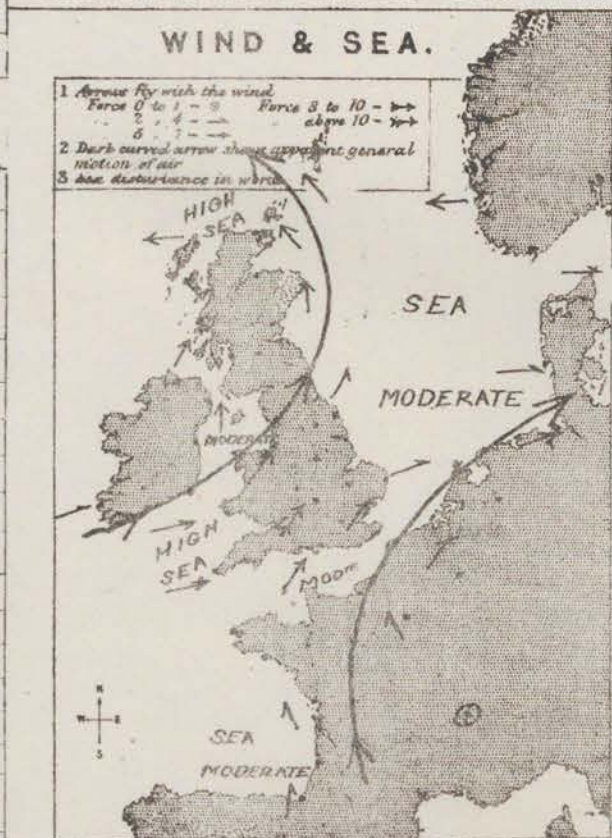
TUESDAY 1ST SEPT^R 1874 AT 8 A.M.



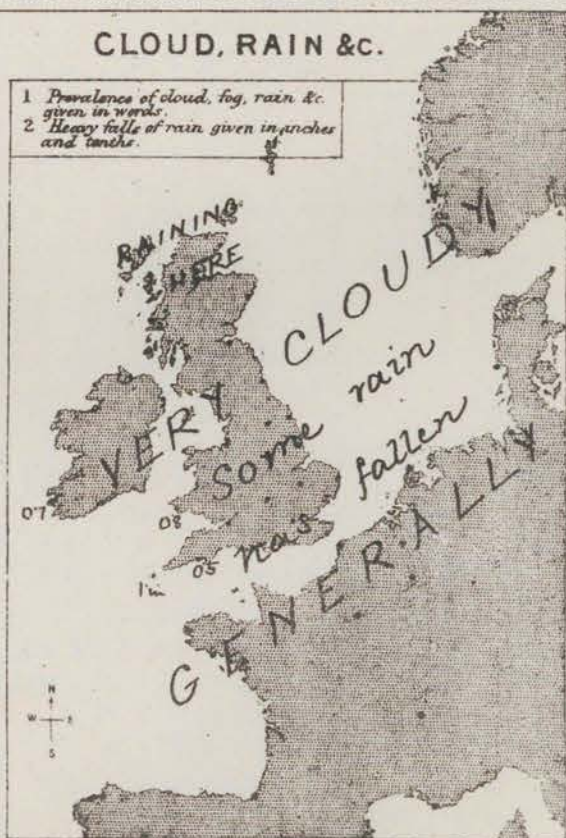
The changes in atmospheric pressure during the past 24 hours have been very sudden. Yesterday afternoon a very general recovery was in progress on our coast, but during the night a fresh and sudden fall has set in, which has been greatest in the north-west. The gradient from Paris to Holyhead is 0.02 in per 50 miles.



Temperature has risen in almost all places, and is highest in the south-east.



The wind is still generally SW at all but our most northern stations and Skude-naes, where it blows round to the E. In fact it is very fresh on all coasts, and blows a stiff gale over Central England. The sea is very rough off our north-west coasts, and on the north coast of Scotland.



Rain has fallen at all stations, and continues in the north. The sky is very cloudy generally, the weather squally and unsettled.

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Wednesday 8 a.m.

WEATHER REPORT.

Sept 2nd

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	30.08	+20	47	44	+3	*	*	NW	2	7	NW	*	bc	*	*
Hernösand ...	30.04	+14	57	46	+6	*	*	SE	2	9	L	*	co	*	*
Stockholm ...	30.13	+37	53	50	+2	*	*	ESE	4	2	N	*	b	*	*
Wisby ...	30.22	?	58	55	?	*	*	S	2	2	S	*	bc	*	*
Christiansund ...	29.71	-10	58	52	+3	*	*	L	0	4	ESE	*	bc	*	2
Skudesnaes ...	29.67	-09	59	58	+3	*	*	SE	2	8	SE	*	n	*	6
Oxö (X'tiansand) ...	29.78	-04	60	58	+6	*	*	ESE	2	6	NE	*	20	*	3
Skagen (The Skaw) ...	29.87	+01	61	55	+2	*	*	SSE	2	2	S	*	20	0.16	*
Fanö ...	29.83	-03	64	61	+3	*	*	S	4	4	SSW	*	c	0.32	*
Cuxhaven ...	29.91f	-03	64	64	+3	77	?	SSW	4	3	SSW	9	or	0.04	*
Scumburgh Head ...	29.45r	-03	55	54	+1	58	52	SSW	5	6	S	4	re	0.13	6
Stornoway (Hebrides) ...	29.28r	+16	55	50	+3	58	48	S	2	2	SW	10	p	0.10	3
Thurso ...	29.41r	+12	56	52	+1	65	49	S	4	6	SW	0	cb	0.20	3
Wick ...	29.45r	+17	55	53	0	?	52	SE	4	4	SE	4	tc	0.25	4
Nairn ...	29.46r	+30	56	51	-4	69	52	SSW	2	6	S	5	bc	0.05	1
Aberdeen ...	29.52r	+20	55	52	-2	65	52	S	5	6	SSW	7	bc	0.02	2
Leith ...	29.55r	+25	58	54	-5	70	52	ESE	3	3	SW	4	bc	0.10	*
Shields ...	29.64s	+25	55	53	-9	67	53	SSW	3	7	SW	5	bc	0.02	2
York ...	29.70r	+20	60	59	-6	66	51	S	3	6	N	0	b	-	*
Scarborough ...	29.71r	+21	60	56	-7	71	52	SW	5	6	SSW	3	cb	-	4
Nottingham ...	29.76r	+21	61	57	-7	73	53	SSW	4	8	S	2	cc	-	*
Ardrossan ...	29.49r	+25	58	55	-3	63	54	SSW	5	5	SSW	5	tlc	0.02	4
Greencastle ...	29.42r	+24	56	52	-1	59	53	S	7	7	S	9	s	0.17	*
Donaghadee ...	29.48r	+24	56	55	-3	62	52	S	6	7	ESE	4	e	0.17	4
Kingstown ...	29.58r	+24	59	54	+1	64	56	ESE	3	5	SW	7	c	0.03	2
Holyhead ...	29.61r	+25	59	57	-2	63	55	SSW	6	7	SSW	6	rm	0.15	4
Liverpool (Bidston Obs.) ...	29.69r	+28	58	53	-4	64	52	S	2	6	SW	8	c	0.24	2
Valencia ...	29.57r	+16	55	51	0	63	50	non	3	4	SW	5	f	0.28	4
Roche's Point ...	29.58r	+20	57	55	+1	63	55	non	5	6	SW	5	pc	0.06	5
Pembroke ...	29.70r	+25	60	57	-1	62	57	SW	5	6	SW	7	cg	0.02	5
Portishead ...	29.80r	+28	62	58	+1	70	52	SSW	4	6	W	3	pr	0.35	2
Scilly ...	29.87r	+24	61	58	+2	65	57	SSW	6	6	SSW	6	bc	0.02	6
Plymouth ...	29.86r	+27	61	59	-1	67	57	SW	3	6	S	3	c	0.13	*
Hurst Castle ...	29.89r	+20	63	60	-3	72	59	WSW	6	6	WSW	4	pc	0.08	5
Dover ...	29.90r	+09	62	60	-3	72	59	SW	3	3	W	3	b	0.03	2
London ...	29.87r	+14	60	59	-6	76	53	SW	3	8	SW	2	gob	0.10	*
Oxford ...	29.84r	+21	59	56	-8	71	55	SW	2	9	SSW	4	oc	0.01	*
Cambridge ...	29.85r	+17	61	56	-8	75	54	SSW	2	4	SSW	0	ob	-	*
Yarmouth ...	29.85r	+11	61	59	-6	77	58	SW	3	5	SSW	3	rb	0.13	3
Helder ...	29.85	-02	64	*	+1	*	*	N	3	*	*	*	*	*	2
Cape Gris Nez ...	29.89r	+06	60	58	-5	74	59	WSW	3	5	WSW	9	cw	0.04	2
Brest ...	29.96r	+22	60	60	-3	63	56	non	3	5	non	8	fr	0.02	4
L'Orient ...	29.97r	+17	61	59	-5	69	57	non	3	7	SW	6	e	0.24	5
Rochefort ...	30.08r	+16	66	64	-2	80	64	non	4	7	non	10	es	-	3
Biarritz ...	30.09r	+18	71	65	-7	101	70	non	4	5	N	3	c	-	4
Corunna ...	?	?	*	*	?	*	*	*	*	*	*	*	*	*	*
Brussels ...	29.89	-07	?	*	?	*	*	SSW	3	*	*	*	*	*	*
Charleville ...	?	?	?	*	?	*	*	SSE	3	*	*	*	?	*	*
Paris ...	29.99r	+01	66	*	+4	89	62	SSE	5	8	S	10	cc	0.09	*
Lyons ...	?	?	73	*	+7	*	*	S	1	*	*	*	b	*	*
Toulon ...	30.23f	-02	70	63	+2	70	65	E	4	2	C	1	ab	-	2

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

	Bar.	Dry.	Wet.	Wind.	O.	W.	S.		Bar.	Dry.	Wet.	Wind.	O.	W.	S.
Skudesnaes ...	29.66	60	56	ESE	6	*	0	4	Valencia ...	29.46	62	60	S	4	7
Thurso ...	29.15	58	57	S	3	10	lt 2	2	Scilly ...	29.72	64	60	SSW	6	4
Scarborough ...	29.55	67	62	WSW	5	3	6	4	London ...	29.75	70	66	SW	4	10
Greencastle ...	29.37	58	55	SW	5	8	0	*	Rochefort ...	29.95	82	70	WSW	4	5
Holyhead ...	29.56	61	58	SSW	6	2	6	5							

Pressure has recovered somewhat at all stations excepting Thurso, but the wind has backed towards S. on our SW. coasts, with showers at Valencia. Warnings issued to our SW. W. and N. coasts this afternoon.

EXPLANATION OF COLUMNS.

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

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

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

WEATHER CHARTS

AND REMARKS FOR

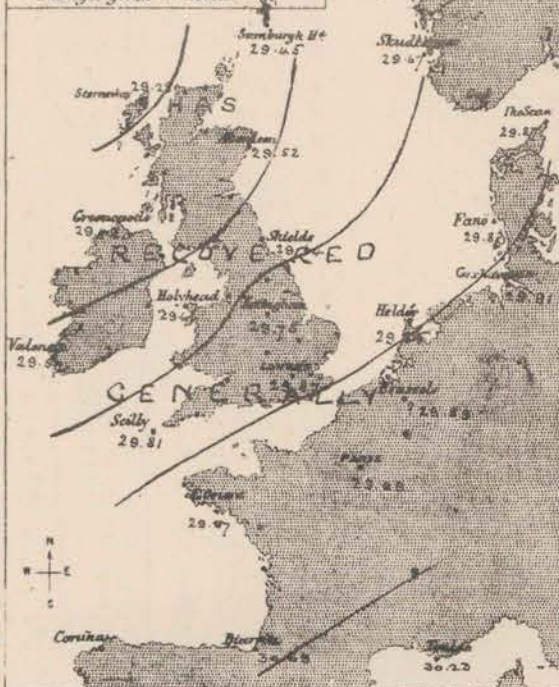
WEDNESDAY

SEPT 2ND

1874 AT 8 A.M.

BAROMETER.

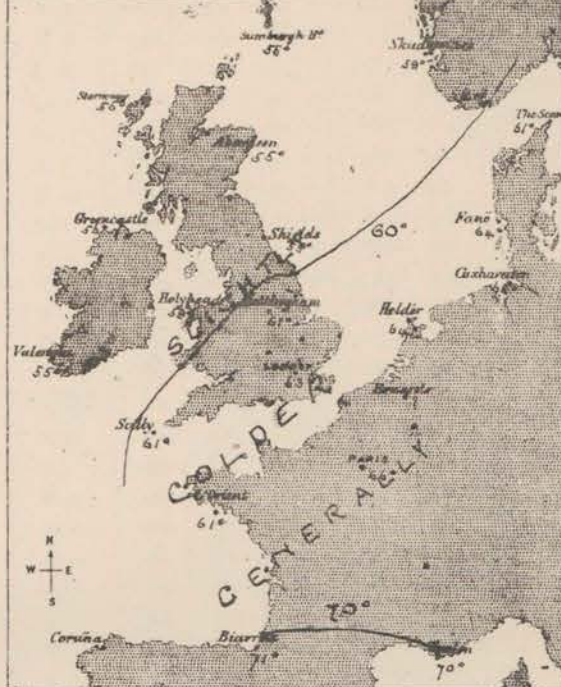
- 1 Isotherms drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



A recovery of pressure has now taken place over the British Islands and France from the decrease noticed there yesterday. The highest readings are still found at the French stations and the gradient from Basel to Valencia is 0.27 in. while that from Dover to St. Petersburg is 0.26 in. per 50 miles.

TEMPERATURE.

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



Temperature has fallen somewhat over England and at most of the French stations, but has not changed very much elsewhere. It is reported to have reached 101° in the shade at Biarritz yesterday.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 10 to 12 - 10, Force 12 to 14 - 12, Force 14 to 16 - 14, Force 16 to 18 - 16, Force 18 to 20 - 18, Force 20 to 22 - 20, Force 22 to 24 - 22, Force 24 to 26 - 24, Force 26 to 28 - 26, Force 28 to 30 - 28, Force 30 to 32 - 30, Force 32 to 34 - 32, Force 34 to 36 - 34, Force 36 to 38 - 36, Force 38 to 40 - 38, Force 40 to 42 - 40, Force 42 to 44 - 42, Force 44 to 46 - 44, Force 46 to 48 - 46, Force 48 to 50 - 48, Force 50 to 52 - 50, Force 52 to 54 - 52, Force 54 to 56 - 54, Force 56 to 58 - 56, Force 58 to 60 - 58, Force 60 to 62 - 60, Force 62 to 64 - 62, Force 64 to 66 - 64, Force 66 to 68 - 66, Force 68 to 70 - 68, Force 70 to 72 - 70, Force 72 to 74 - 72, Force 74 to 76 - 74, Force 76 to 78 - 76, Force 78 to 80 - 78, Force 80 to 82 - 80, Force 82 to 84 - 82, Force 84 to 86 - 84, Force 86 to 88 - 86, Force 88 to 90 - 88, Force 90 to 92 - 90, Force 92 to 94 - 92, Force 94 to 96 - 94, Force 96 to 98 - 96, Force 98 to 100 - 98, Force 100 to 102 - 100, Force 102 to 104 - 102, Force 104 to 106 - 104, Force 106 to 108 - 106, Force 108 to 110 - 108, Force 110 to 112 - 110, Force 112 to 114 - 112, Force 114 to 116 - 114, Force 116 to 118 - 116, Force 118 to 120 - 118, Force 120 to 122 - 120, Force 122 to 124 - 122, Force 124 to 126 - 124, Force 126 to 128 - 126, Force 128 to 130 - 128, Force 130 to 132 - 130, Force 132 to 134 - 132, Force 134 to 136 - 134, Force 136 to 138 - 136, Force 138 to 140 - 138, Force 140 to 142 - 140, Force 142 to 144 - 142, Force 144 to 146 - 144, Force 146 to 148 - 146, Force 148 to 150 - 148, Force 150 to 152 - 150, Force 152 to 154 - 152, Force 154 to 156 - 154, Force 156 to 158 - 156, Force 158 to 160 - 158, Force 160 to 162 - 160, Force 162 to 164 - 162, Force 164 to 166 - 164, Force 166 to 168 - 166, Force 168 to 170 - 168, Force 170 to 172 - 170, Force 172 to 174 - 172, Force 174 to 176 - 174, Force 176 to 178 - 176, Force 178 to 180 - 178, Force 180 to 182 - 180, Force 182 to 184 - 182, Force 184 to 186 - 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Thursday 8 a.m.

WEATHER REPORT. Sept 3rd

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29. 64	-.41	52	52	+5	*	*	SW	6	6	SW	*	or	*	*
Hernösand ...	29. 68	-.36	59	57	+8	*	*	SW	4	6	S	*	ob	*	*
Stockholm ...	29. 87	-.26	62	60	+9	*	*	SSW	2	6	S	*	o	*	*
Wisby ...	30. 02	-.20	62	60	+4	*	*	SW	2	4	SE	*	e	*	*
Christiansund ...	29. 62	-.09	54	52	-4	*	*	Z	0	0	Z	*	eb	*	3
Skudesnaes ...	29. 73	+0.06	59	56	0	*	*	S	6	6	S	*	c	*	5
Oxö (X'tiansand) ...	29. 82	+0.04	59	58	-1	*	*	S	4	4	SW	*	oc	*	3
Skagen (The Skaw) ...	29. 91	+0.04	58	54	-6	*	*	WSW	2	2	WSW	*	of	0.20	*
Fanö ...	29. 94	+0.11	62	60	-2	*	*	SSW	4	2	SW	*	be	—	*
Cuxhaven ...	30. 08.2	+0.17	62	60	-4	77	?	WSW	2	3	NW	7	ro	0.03	*
Sumburgh Head ...	29. 42.2	-.03	52	47	-3	57	47	SSW	5	5	SSW	4	ue	0.50	6
Stornoway (Hebrides) ...	29. 35.2	+0.07	52	57	-3	65	50	S	6	2	SW	10	pg.	0.85	7
Thurso ...	29. 43.2	+0.02	56	57	0	62	52	S	4	6	SSW	5	e	—	2
Wick ...	29. 48.2	+0.03	58	58	0	63	52	SSW	4	5	SW	4	c	—	3
Nairn ...	29. 49.2	+0.03	57	57	+1	63	49	SW	3	4	SSW	0	b	—	2
Aberdeen ...	29. 58.2	+0.06	56	53	+1	61	50	SSW	4	7	S	4	ge	0.01	2
Leith ...	29. 65.2	+0.10	58	54	0	68	52	SSW	4	5	SW	3	eb	0.03	*
Shields ...	29. 76.2	+0.12	57	54	+2	64	52	SSW	3	6	WSW	7	te	0.02	2
York ...	29. 88.2	+0.15	58	53	-5	72	49	S	2	6	SSW	0	etb	0.47	*
Scarborough ...	29. 82.2	+0.11	58	55	-2	66	50	?	3	5	SSW	4	te	0.10	2
Nottingham ...	29. 86.2	+0.10	59	56	-2	70	52	SSE	4	6	SSW	8	pt	0.09	*
Ardrossan ...	29. 63.2	+0.14	57	53	-1	63	53	SW	5	5	NE	5	tle	0.22	4
Greencastle ...	29. 60.2	+0.18	56	53	0	60	53	SW	6	7	S	7	oc	0.02	*
Donaghadee ...	29. 65.2	+0.17	58	52	-1	63	50	S	6	7	S	2	eb	0.12	4
Kingstown ...	29. 76.2	+0.18	56	52	-3	65	55	SW	3	6	SW	3	pb	0.02	2
Holyhead ...	29. 76.2	+0.15	57	55	-2	64	55	SSW	4	6	SSW	3	rtb	0.11	3
Liverpool (Bidston Obs.) ...	29. 69.8	0.00	56	53	-2	65	50	SSE	2	6	SW	7	c	0.12	3
Valencia ...	29. 73.2	+0.16	58	55	+3	63	50	W	3	3	WSW	6	lp	0.04	4
Roche's Point ...	29. 75.2	+0.17	58	53	-2	65	52	W	2	5	WSW	4	pc	0.08	3
Pembroke ...	29. 80.8	+0.10	59	58	-1	63	56	SSW	2	6	SW	4	plg	0.02	2
Portishead ...	29. 77.8	-.03	58	57	-4	71	52	S	4	6	W	10	tr	0.94	2
Scilly ...	29. 82.8	+0.01	59	58	-2	66	57	S	5	6	SSW	9	er	0.39	5
Plymouth ...	29. 86.8	0.00	59	59	-2	66	58	SW	3	5	SSW	10	ch	0.20	*
Hurst Castle ...	29. 91.8	+0.02	62	61	-1	72	60	SW	4	6	SW	10	bp	0.07	3
Dover ...	29. 98.8	+0.08	63	60	+1	66	61	SSW	3	4	SW	7	bg	—	3
London ...	29. 95	+0.08	62	59	0	73	53	SW	2	5	SW	10	ebo	—	*
Oxford ...	29. 92	+0.08	58	57	-1	69	53	S	1	5	SW	10	pow	0.25	*
Cambridge ...	29. 93.2	+0.08	58	57	-3	74	57	S	1	4	SSW	10	crw	0.07	*
Yarmouth ...	29. 98.2	+0.13	60	58	-1	72	56	SSW	2	4	SW	8	bo	—	3
Helder ...	30. 00.	+0.15	63	*	-1	*	*	?S	5	*	*	*	*	*	2
Cape Gris Nez ...	?	?	61	59	-3	69	59	S	1	4	?	10	o	0.04	2
Brest ...	29. 92.8	+0.03	56	56	-4	64	55	SSE	4	4	SW	10	or	0.04	5
L'Orient ...	29. 90.8	-.07	61	61	0	68	60	SSW	3	5	WSW	10	or	0.12	3
Rocheft ...	29. 97.8	-.11	63	58	+3	73	61	ESE	4	3	NW	10	or	—	3
Biarritz ...	29. 98.8	-.11	67	64	-4	74	64	S	3	5	NE	9	co	—	4
Corunna ...	30. 05	+0.16	63	*	?	*	*	W	3	*	*	*	or	*	*
Brussels ...	30. 11	?	60	*	?	*	*	SE	3	*	*	*	r	*	*
Charleville ...	30. 05.8	+0.04	61	*	-5	76	61	SE	3	5	WSW	10	cr	—	*
Paris ...	?	?	70	*	-3	*	*	S	1	*	*	*	b	*	*
Lyons ...	30. 25.2	+0.02	74	65	+4	82	68	E	1	3	SE	1	b	—	2

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.70	60	58	S	4	*	b	5	Valencia ...	29.67	60	56	msw	3	6	p	4
Thurso ...	29.35	61	54	ssw	5	5	e	3	Scilly ...	29.88	63	60	ssw	5	7	thp	6
Scarborough...	29.77	56	53	ssw	3	9	to	3	London ...	29.95	69	59	sw	4	5	c	*
Greencastle ...	29.57	60	55	ssw	3	9	o	*	Rocheft...	30.15	73	64	NE	3	4	c	3
Holyhead ...	29.70	62	57	ssw	6	3	b	5									

Pressure continues to increase at all stations, excepting Thurso. The winds continued moderate to fresh from the SW.

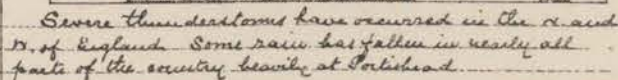
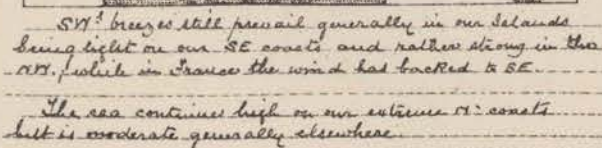
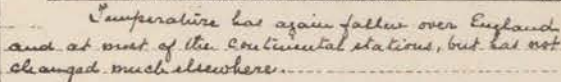
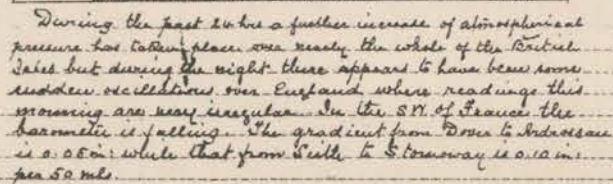
EXPLANATION OF COLUMNS.

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

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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 opposition direction.

1874 AT 8 A.M.



Dangerfield, Lith London

Friday 8 a.m.

WEATHER REPORT. Sept 4 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda	29.63	-.04	47	46	-5	*	*	S	1	1	SW	*	bc	*	*
Hernösand	29.58	-.10	55	51	-4	*	*	SW	2	0	Z	*	b	*	*
Stockholm	29.68	-.19	56	55	-6	*	*	SSW	1	1	SSW	*	cf	*	*
Wisby	29.77	-.35	57	56	-5	*	*	E	4	4	S	*	cf	*	*
Christiansund	29.43	-.19	55	49	+1	*	*	ESE	2	0	Z	*	c	*	1
Skudesnaes	29.72	-.01	54	53	-5	*	*	SSE	6	6	SSW	*	r	*	4
Oxö (X'tiansand)	29.54	-.28	55	55	-4	*	*	NNE	4	4	SSW	*	cr	*	2
Skagen (The Skaw)	29.57	-.34	57	57	+2	*	*	E	2	2	W	*	cr	0.24	*
Fanö	29.39	-.55	59	58	-3	*	*	SSW	6	3	S	*	bc	-	*
Cuxhaven	29.53	-.55	61	58	-1	64	?	SW	4	3	SW	9	ro	0.58	*
Sumburgh Head	29.32	-.10	53	57	+1	58	?	?	4	6	SSW	4	alc	0.02	4
Stornoway (Hebrides.)	29.42	+.07	57	57	-1	56	48	NW	5	6	WSW	9	pg	0.31	6
Thurso	29.34	-.06	52	50	-4	62	49	SW	1	5	S	8	od	0.02	2
Wick	29.36	-.12	52	50	-3	60	48	W	2	5	SW	10	cd	-	0
Nairn	29.45	-.04	53	50	-4	61	50	WSW	2	4	SW	8	cd	-	1
Aberdeen	29.47	-.11	57	49	-5	63	46	SSW	1	4	SSW	3	b	-	1
Leith	29.56	-.09	55	52	-3	65	50	W	4	5	SW	4	c	-	*
Shields	29.62	-.14	54	52	-3	64	57	SW	3	5	SW	4	bc	-	1
York	29.72	-.16	55	52	0	66	49	SW	2	3	S	8	o	-	*
Scarborough	29.64	-.15	57	54	-1	65	50	WSW	3	3	SW	7	c	-	2
Nottingham	29.78	-.08	56	54	-3	68	49	WNW	4	4	SSW	7	rw	0.20	*
Ardrossan	29.60	-.03	55	51	-2	62	54	WNW	4	5	SW	7	cf	0.17	3
Greencastle	29.68	+.08	54	51	-2	60	51	W	5	6	SW	7	c	0.67	*
Donaghadee	29.64	+.02	52	50	-3	63	49	W	5	6	S	3	c	0.02	5
Kingstown	29.82	+.06	54	50	-2	64	53	W	4	6	WNW	8	co	-	3
Holyhead	29.84	+.11	52	50	-3	63	53	W	6	4	SSW	4	bc	-	4
Liverpool (Bidston Obs.)	29.75	+.06	53	50	-3	65	50	WSW	5	6	WSW	3	c	0.17	4
Valencia	29.95	+.22	55	51	-3	64	50	WNW	4	4	WNW	5	pc	0.02	4
Roche's Point	29.91	+.16	55	52	0	62	52	W	4	4	NW	5	pc	0.03	3
Pembroke	29.90	+.10	56	52	-2	61	53	WNW	5	6	WNW	7	g	0	3
Portishead	29.88	+.11	57	54	-1	60	51	WNW	5	6	NW	8	rg	0.75	3
Scilly	30.06	+.24	56	53	-3	59	54	W	6	7	WNW	7	og	0.56	6
Plymouth	29.99	+.13	55	53	-4	62	52	WSW	3	4	WSW	10	ro	1.27	*
Hurst Castle	29.95	+.04	58	55	-4	69	53	NW	5	5	NW	10	tlg	0.46	?
Dover	29.92	-.06	58	55	-5	65	55	WNW	3	6	SW	3	ob	0.31	4
London	29.89	-.06	59	54	-3	67	52	WSW	3	3	SW	8	pc	0.46	*
Oxford	29.88	-.04	56	52	-2	63	50	WSW	2	3	W	9	ro	0.95	*
Cambridge	29.86	-.07	57	53	-1	67	53	SW	2	2	SW	8	pc	0.89	*
Yarmouth	29.80	-.18	56	54	-5	67	53	W	5	7	E	5	rg	1.34	3
Helder	29.66	-.34	60	*	-3	67	*	WNW	7	*	S	*	*	*	6
Cape Gris Nez	29.90	?	60	58	-1	67	57	W	7	9	S	7	ro	0.20	5
Brest	30.15	+.23	59	59	+3	62	54	W	4	11	NW	8	ro	0.59	4
L'Orient															
Rochefort	30.22	+.25	63	58	0	73	60	NW	4	9	SW	5	oc	0.28	3
Biarritz	30.27	+.29	61	61	-6	77	60	SE	3	5	W	9	r	0.12	5
Corunna															
Brussels	29.95	-.10	48	*	-15	*	*	W	9	*	*	*	o	*	*
Charleville	30.05	-.06	54	*	-6	*	*	SW	9	*	*	*	ono	*	*
Paris	30.10	+.05	57	*	-4	72	54	SW	5	8	SW	0	ob	-	*
Lyons	?	?	70	*	0	*	*	NW	3	*	*	*	o	*	*
Toulon	30.13	-.12	73	66	-1	87	66	E	1	1	SE	6	bo	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.71	60	57	S	6	*	c	5	Valencia ...	29.42	?	?	WNW	4	5	c	4
Thurso ...	29.41	55	51	S	3	8	o	2	Scilly ...	29.74	55	55	NNW	4	9	r	4
Scarborough...	29.74	65	61	SW	3	7	c	2	London ...	29.84	63	59	SE	1	10	o	2
Greencastle ...	29.63	60	54	SW	6	5	c	*	Rochefort...	29.96	68	60	SSW	8	10	o	2
Holyhead ...	29.74	62	58	SSW	4	4	c	2									

A recovery of pressure has set in at the Irish stations, but elsewhere the barometer is falling, especially in London. The weather is very cloudy except in Ireland with rain in the south.

EXPLANATION OF COLUMNS.

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

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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 opposition direction.

1874 AT 8 A.M.

ROBERT H. SCOTT, Director.

Satur-day 8 a.m.

WEATHER REPORT. Sept 5th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M. Direc.	Extremes.						
			Dry bulb.	Wet bulb.		Max.	Min.		Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda	29.54	-.09	50	50	+3	*	*	N	1	2	NW	*	c f	*	*
Hernösand	29.31	-.24	?	?	?	*	*	Z	0	2	SW	*	o f	*	*
Stockholm	29.47	-.21	55	57	-1	*	*	SW	6	2	SW	*	r c	*	*
Wisby	29.69	-.08	56	59	-1	*	*	E	2	0	Z	*	o	*	*
Christiansund	29.29	-.14	51	50	-4	*	*	E	2	0	Z	*	o	*	1
Skudesnaes	29.41	-.31	52	50	-2	*	*	WNW	6	6	SSW	*	r o	*	4
Oxö (Christiansand)	29.41	-.13	?	?	?	*	*	WSW	4	4	SW	*	c	*	3
Skagen (The Skaw)	29.47	-.10	54	54	-3	*	*	SW	6	4	WNW	*	r	0.63	*
Fanö	29.63	+.24	57	54	-2	*	*	WSW	6	6	WSW	*	t l c	0.32	*
Cuxhaven	29.778	+.24	57	55	-4	63	?	SW	6	8	WSW	7	o	0.02	*
Samburgh Head	29.542	+.22	55	46	+2	57	45	?	7	4	NW	9	f	0.04	5
Stornoway (Hebrides)	29.822	+.40	46	43	-5	54	43	NNW	4	6	NNW	5	f g c	0.20	5
Thurso	29.712	+.34	48	43	-4	59	44	NNW	6	6	NNW	5	f c	0.25	5
Wick	29.722	+.36	44	42	-8	57	42	NW	4	4	SE	6	c	0.17	1
Nairn	29.802	+.35	44	45	-6	60	45	WNW	1	3	?	8	g o	0.08	1
Aberdeen	29.762	+.29	46	45	-5	61	46	NW	2	4	NNW	10	c r	0.38	2
Leith	29.822	+.26	57	48	-4	64	46	W	3	4	W	4	c	-	*
Shields	29.852	+.23	52	48	-2	61	48	W	3	5	W	16	c	-	1
York	29.912	+.19	53	49	-2	63	46	NW	1	3	WSW	0	c b	-	*
Scarborough	29.872	+.20	55	51	-2	59	50	NW	2	4	W	2	c b	0.02	2
Nottingham	?	?	55	52	-1	63	47	WSW	2	6	WNW	6	f w	0.11	*
Ardrossan	29.882	+.28	54	57	-1	62	52	WNW	3	4	WNW	6	c f	0.04	2
Greencastle	29.932	+.25	53	57	-1	59	57	W	4	5	WNW	8	c o	0.29	*
Donaghadee	29.922	+.25	53	57	+1	59	49	WNW	3	5	WNW	3	c	0.08	2
Kingstown	30.042	+.22	53	50	-1	62	57	W	3	6	SSW	4	f c	0.02	3
Holyhead	29.992	+.12	54	52	0	60	53	W	3	4	W	6	c	-	3
Liverpool (Bilston Obs.)	29.962	+.21	56	57	+3	59	52	W	4	6	W	9	c o	0.10	3
Valencia	30.122	+.17	56	53	+1	63	50	NW	3	5	WNW	7	f c	-	3
Roche's Point	30.082	+.17	54	52	-1	61	52	NW	2	5	NNW	18	c f	0.02	3
Pembroke	30.072	+.17	55	52	-1	58	53	WNW	1	6	WNW	7	c v	0.07	2
Portishead	30.042	+.16	59	55	+2	63	57	WNW	4	6	NW	13	g b	0.09	3
Scilly	30.442	+.08	57	54	+1	61	55	W	3	4	WNW	6	g c	0.06	4
Plymouth	30.102	+.11	53	53	-2	60	48	Z	0	4	WSW	10	f g	0.02	*
Hurst Castle	30.062	+.11	57	54	-1	68	48	NW	3	6	WNW	1	g b	0.04	3
Dover	30.002	+.08	53	50	-5	63	49	WNW	3	5	WSW	0	c b	0.03	2
London	30.022	+.13	57	53	-2	64	55	NW	2	4	W	0	f c b	0.06	*
Oxford	30.02	+.14	57	57	-2	63	48	W	1	4	WSW	0	c b	0.18	*
Cambridge	29.992	+.13	54	50	-3	63	48	W	1	3	W	4	f c	0.01	*
Yarmouth	29.932	+.13	53	52	-2	61	48	W	4	5	WSW	3	c w	0.05	3
Helder	29.85	+.19	55	*	-5	*	*	SW	3	*	*	*	*	*	4
Cape Gris Nez	30.012	+.11	55	57	-5	63	54	WNW	4	8	WSW	5	r c	0.12	3
Brest	30.192	+.04	56	54	-3	65	54	W	1	4	W	10	o	-	3
L'Orient	?	?	57	55	?	68	55	NW	1	5	W	6	c	-	3
Rochefort	30.232	+.01	62	58	-1	69	57	NW	5	5	NW	10	c o	-	3
Biarritz	30.262	-.01	64	60	+3	67	59	SE	1	4	W	5	o c	-	3
Corunna			*	*	*	*	*		*	*	*	*	*	*	*
Brussels	30.04	+.09	55	*	+7	*	*	SW	3	*	*	*	b	*	*
Charleville	30.08	+.03	57	*	+3	*	*	WSW	3	*	*	*	c	*	*
Paris	30.112	+.01	56	*	-1	69	52	SW	4	7	SW	5	c	0.04	*
Lyons	?	?	64	*	-6	*	*	N	3	*	*	*	b	*	*
Toulon	30.082	-.05	62	53	-11	81	61	NW	5	5	NW	3	f c	-	5

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes	29.45	56	52	WSW	6	*	Valencia	30.00	59	55	WNW	5	5
Thurso	29.46	54	52	WNW	4	7	Scilly	30.06	60	56	WNW	6	7
Scarborough	29.71	58	52	WNW	4	7	London	29.91	62	55	W	4	18
Greencastle	29.47	59	55	WNW	5	7	Rochefort	30.26	68	59	NW	5	6
Holyhead	29.83	59	54	WSW	3	4							

Pressure continues to decrease in most places, and moderate to fresh WNW winds are general, with showery weather.

EXPLANATION OF COLUMNS.

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

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WEATHER CHARTS

AND REMARKS FOR

SATURDAY SEPT 5TH 1874 AT 8 A.M.

BAROMETER

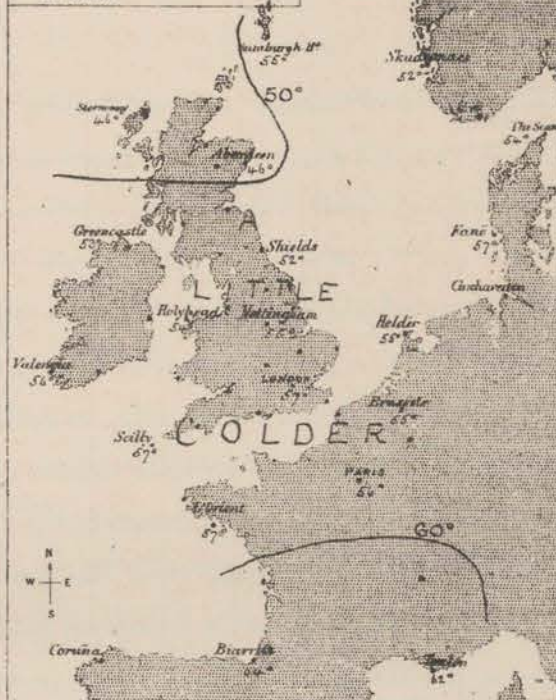
- 1 Isobaric lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



The recovery of pressure noticed in our Islands yesterday has continued, especially in the N. and extended to the Dutch and Danish Stations, while in the S.W. of Norway the mercury had fallen briskly. The highest readings still lie to the S. or S.W. of our Islands, the gradient from Scilly to Shields being 0.5 in. while that from Seith to Skudesnæs is 0.6 in. per 50 miles.

TEMPERATURE

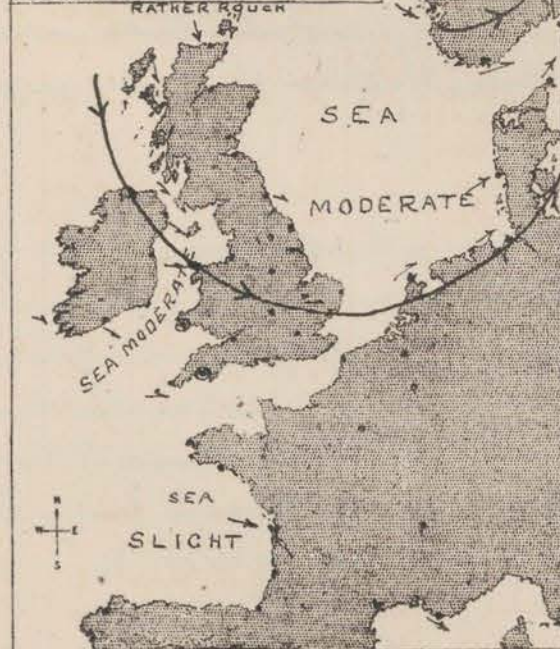
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has again decreased at all but the Irish Stations. In London it fell to 45° in the shade and 37° on the grass during the night.

WIND & SEA.

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

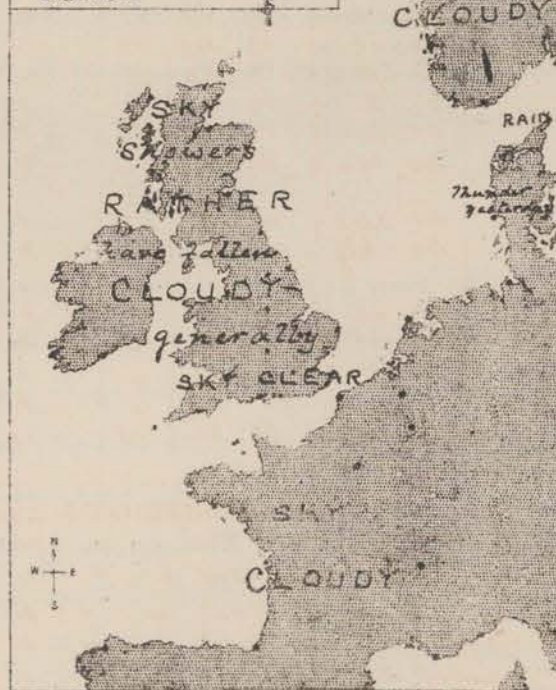


Moderate N.W. breezes now prevail on our N. coast drawing gradually round through N. over England to N.W. in Denmark and the Netherlands, while a slight E. breeze prevails at R.ine-mund.

The sea is rather rough on the N. Dutch coast moderate or slight elsewhere.

CLOUD, RAIN &c.

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



Showers of rain have fallen at nearly all stations. The sky is now clear in the S. of England but rather cloudy elsewhere.

Subscription for these Charts payable in advance to cover delivery.
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Meteorological Office
116, Victoria Str., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield, Lith. London

SUMMARY OF WEATHER IN WESTERN EUROPE

from AUGUST 30TH to SEPTEMBER 5TH 1874.

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

During this week pressure has been highest over S^e Europe and a series of depressions has passed over the N. of these Islands, causing fresh or strong S^e or SW^e winds on all coasts. On the 3rd September whilst the lowest pressure was in the N. of our Islands, a distinct though small depression passed from the SW^e over the Channel and SE^e England causing very heavy rain at most of the S^e stations. Temperature has decreased slowly during the whole period and the sky has continued very cloudy. Rain has been very general and severe thunderstorms passed over N^e England on the 2nd -

AUG^r 30TH - The fall of the barometer, noticed at the close of last week, had been succeeded, in our Islands, by a slight rise but over Scandinavia the decrease still held. In the S. of Ireland, however, a fresh fall had set in during the night and the gradient from Rochefort to Valencia was 0.05 in. per 50 miles. In the S. of Norway the winds appeared to circulate round a small depression lying over the Skager Rack while over the British Isles and France moderate to fresh S^e or SW^e winds were reported, with calms in the N. of Scotland. Temperature was rather higher at most of our stations, but had changed very little on the Continent. The sky was clear in the N. of S^t Britain but cloudy elsewhere.

AUG^r 31ST - The decrease which had shown itself in the S. of Ireland on the previous day had extended over the whole of these Islands but on the Continent the mercury still rose. The highest readings lay over the S. of France and the gradient from Paris to Stornoway was 0.055 in. per 50 miles. Moderate breezes were general, blowing from the SW^e except on the N. coast of Norway where E^e winds were experienced. Temperature had increased a few degrees over France and the SE. of England, but fallen elsewhere. The sky continued cloudy and rain was falling in the N. of Scotland. During the afternoon the barometer rose, quickly in the N.

SEPT^r 1ST - The recovery noticed above was very transitory for, during the night, a very sudden fall of the Barometer had taken place especially in the NW. The gradients for SW^e winds increased considerably over Central and S^e England, and gales from that quarter were reported from Oxford, Portofhead and Nottingham; while fresh SW^e winds were experienced at all except the N^e stations, where the wind had veered to the E^e. Temperature had again risen several degrees especially on our E. coast. At Bismarck the thermometer rose to 101° in the shade during the day. Rain had fallen at all stations, heavily in the S. where it continued at 8 a.m. In the afternoon pressure was recovering in the N. but the wind had backed to S. again there.

SEPT^r 2ND - The mercury had recovered again over our Islands but the general distribution continued unaltered - the highest readings were found over France and the gradient from Brest to Valencia was 0.07 in. per 50 miles. The wind blew from the NW^e over the S^e portion of the Bay of Biscay but at all other stations moderate S^e or SW^e breezes were reported except in the NW. where they were strong to a gale. Temperature was very little changed except in the SE. of England, where it had fallen several degrees. Rain had fallen at most

stations and during the past night a severe thunder storm had passed over Paris. The sky was generally cloudy, especially in the SW., and heavy thunderstorms occurred in the N. of England during the day.

SEPT 3rd - The barometer had again risen at most stations, but the changes over England, had been very irregular. On the N. coast of France, however, a fall had taken place and in the course of the day a well defined depression advanced over the Channel and S. of England from the SW². The advance of this disturbance was very sudden, the wind which was SW at Jersey at 9 am, having backed to ESE. during the ^{morning} with a rapidly falling barometer, and by 6 pm. the centre of the depression lay over Hampshire. SW³ breezes continued general, but in France the wind had backed to SE. The weather was rather colder; the sky continued cloudy, and rain was falling in the SW. In the evening as the depression noticed above passed over the S. of England, heavy rainfalls occurred at several stations, and thunderstorms at some ^{places.}

SEPT 4th - The disturbance noticed on the 3rd, had, at 8 am, reached the E. coast of Denmark where the barometer had fallen quickly, while in the SW a recovery had set in. During the past night, however, the mercury had begun to fall again in the N. and a second depression was shown to the N² of Scotland. The highest readings lay off the N. of France and the gradient from Brest to Thurso was 0.06 in. per 50 miles. A W³ gale was experienced in the neighbourhood of the Netherlands and fresh W³ winds were general over the United Kingdom, while in the S. of Norway a light NE¹ breeze was reported. Temperature was again lower, and the sky continued cloudy with some rain. During the day showers were very general.

SEPT 5th - The northern disturbance had travelled to the Norwegian coast and a recovery was in progress at all stations. The highest readings lay over the Bay of Biscay, but gradients were steepest across the North Sea, that from Shields to Skudesnaes being 0.06 in. per 50 miles. North westerly winds were reported from our N. coasts drawing round through N. in the S., into SW. on the E. shores of the North Sea; in force they were moderate generally. The thermometer had again fallen except in Ireland. The sky was clear over the Channel and E. of France, rather cloudy elsewhere. By two pm. the barometer was falling again over England and Ireland.

Sunday 8 a.m.

WEATHER REPORT. September 6th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (in shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda ...	29.26	-28	57	57	+1	*	*	S	2	2	SW	*	o	*	*
Hernösand ...	29.21	-10	50	48	?	*	*	?	3	2	S	*	ob	*	*
Stockholm ...	29.32	-15	57	47	-4	*	*	SW	4	4	SSW	*	b	*	*
Wisby ...	29.56	-13	50	48	-6	*	*	W	4	2	SW	*	b	*	*
Christiansund...	29.57	+23	46	46	-5	*	*	NW	8	4	WSW	*	or	*	7
Skudesnaes ...	29.68	+27	50	47	-2	*	*	WNW	7	6	NW	*	er	*	4
Oxö (X'tiansand)	29.54	+13	53	48	?	*	*	W	16	4	SW	*	b	*	4
Skagen (The Skaw)	29.51	+04	54	53	0	*	*	NW	6	8	W	*	rb	0.28	*
Fanö ...	29.77	+13	58	52	+1	*	*	WNW	6	8	WNW	*	rlc	0.20	*
Cuxhaven ...	29.84.2	+10	53	52	-4	59	?	SW	4	7	W	4	c	0.05	*
Sumburgh Head ...	29.84.2	+33	45	43	-10	?	40	N	5	7	N	7	p	0.05	4
Stornoway (Hebrides.)	29.92.2	+10	48	45	+2	53	36	NE	1	4	NNE	4	le	-	3
Thurso...	29.91.2	+20	47	42	-1	53	44	NNW	2	5	NNW	6	e	0.04	3
Wick ...	29.95.2	+23	45	44	+1	53	35	NNW	1	4	NW	8	co	0.03	0
Nairn ...	29.93.2	+13	46	43	-1	58	42	NE	1	1	WNW	8	o	0.03	1
Aberdeen ...	29.93.2	+17	49	44	+3	54	41	NNW	1	3	NNW	0	cb	0.02	1
Leith ...	29.94.2	+12	53	50	+2	62	42	E	2	3	ENE	5	bc	-	*
Shields ...	29.93.2	+08	54	51	+2	60	54	Z	0	5	WNW	8	og	0.19	
York ...	29.99.2	+08	55	52	+2	63	50	W	1	4	NW	8	o	-	*
Scarborough ...	29.95.2	+08	56	54	+1	61	50	E	1	2	NW	9	po	0.08	1
Nottingham ...	29.94.3	?	56	53	+1	66	50	S	3	4	W	10	mw	-	*
Ardrossan ...	29.90.2	+02	50	47	-4	59	46	NE	3	2	WNW	5	con	0.01	2
Greencastle ...	29.89.2	-04	55	53	+2	56	51	NE	2	4	WNW	7	oc	0.04	*
Donaghadee ...	29.87.2	-05	55	53	+2	58	45	ENE	4	4	ENE	18	c	0.02	2
Kingstown ...	29.85.2	-19	55	54	+2	59	52	SSE	2	4	W	10	gon	0.32	2
Holyhead ...	29.86.2	-13	56	55	+2	59	53	WSW	1	3	WSW	10	d	0.05	0
Liverpool (Bidston Obs.)	29.91.2	-05	54	52	-2	59	51	SE	1	5	WSW	10	o	0.03	2
Valencia ...	30.00.2	-12	59	56	+3	63	50	W	3	3	W	6	c	-	3
Roche's Point...	29.95.2	-9	54	52	+1	62	52	NW	2	3	NW	4	rc	0.36	3
Pembroke ...	29.85.2	-22	58	56	+3	60	54	WNW	3	4	WNW	6	gc	0.31	3
Portishead ...	29.94.2	-10	54	54	-5	66	50	SW	3	5	WNW	10	gr	0.21	1
Scilly ...	29.93.2	-21	59	57	+2	62	55	WNW	5	6	SSW	5	c	0.16	4
Plymouth ...	29.96.2	-14	56	56	+3	61	52	S	2	3	W	10	pr	0.12	*
Hurst Castle ...	30.00.2	-06	60	58	+3	70	55	SW	3	3	WNW	10	r	0.01	3
Dover ...	30.02.2	+02	56	52	+3	65	62	SW	2	4	WSW	5	c	-	2
London ...	30.01.3	-01	57	54	0	67	48	SSW	1	3	W	10	cor	-	*
Oxford...	29.99.2	-03	54	53	0	64	51	Z	0	3	W	10	or	0.01	*
Cambridge ...	29.99.2	00	54	52	0	65	50	S	1	2	W	10	cfo	0.01	*
Yarmouth ...	30.06.2	+07	56	53	+3	63	50	W	2	4	WNW	6	oc	-	2
Helder...															
Cape Gris Nez...	30.02.2	+01	58	53	+3	63	55	WNW	4	5	W	7	o	*	3
Brest ...	30.11.2	-08	59	59	+3	68	55	SW	4	4	SW	10	o	-	3
L'Orient ...	30.08.2	?	56	56	-1	66	54	SW	3	4	W	9	co	-	3
Rochefort ...	30.17.2	-06	62	57	0	72	59	W	3	5	NW	4	oc	-	3
Biarritz ...	30.15.2	-11	56	54	-8	69	56	ESE	4	4	N	3	c	-	3
Corunna ...															
Brussels ...	30.02	-02	57	*	+2	*	*	SW	3	*	*	*	o	*	*
Charleville ...	30.10	+02	53	*	-4	*	*	S	1	*	*	*	c	*	*
Paris ...	30.10.2	-01	67	*	+11	?	56	?	?	?	?	9	on	-	*
Lyons ...	?	?	66	*	-4	*	*	E	1	*	*	*	b	*	*
Toulon...	30.03.2	-05	?	?	?	74	?	NW	5	7	NW	1	ab	-	5.

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.49	52	49	WNW	7	*	2	4	Valencia ...	30.07	59	55	WSW	3	8	9
Thurso ...	29.76	50	46	NNW	5	5	c	5	Scilly ...	30.14	60	56	W	2	6	c
Scarborough...	29.85	57	55	WNW	2	7	c	2	London ...	30.03	64	54	W	3	8	c
Greencastle ...	29.92	56	53	WNW	4	9	o	*	Rochefort...	30.25	67	58	NW	4	6	c
Holyhead ...	29.99	58	53	W	3	6	c	3								

The barometer has begun to fall somewhat in Ireland, and the wind at Valencia has "backed" to WSW, with gloomy weather. In London, too, the wind has "backed" to 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 strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

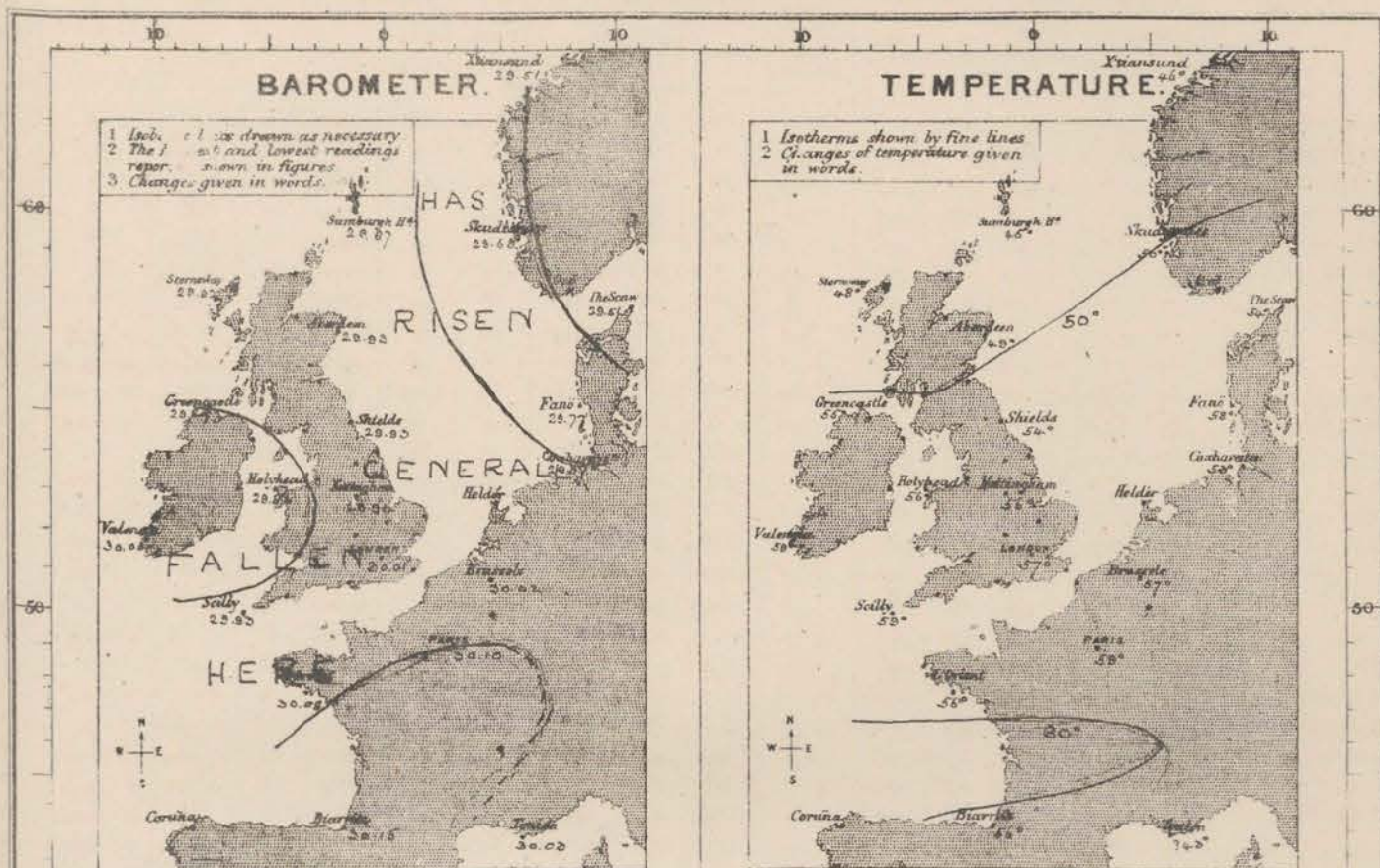
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS

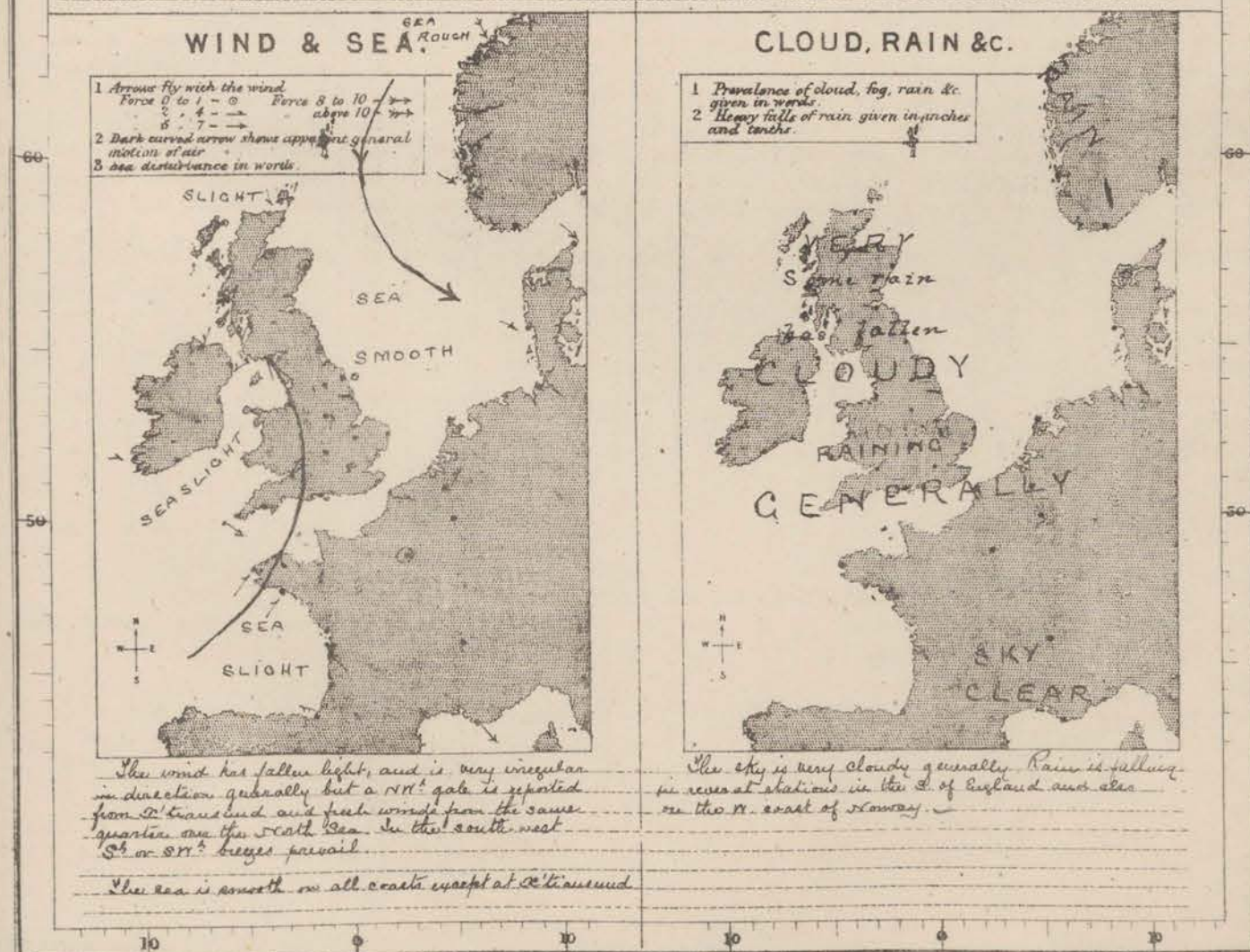
AND REMARKS FOR

SUN-DAY SEPT 6TH 1874 AT 8 A.M.



The fall of the barometer noticed yesterday has continued and extended over the whole of our N. and S. stations, while on our E. coast and on the E. shore of the North Sea a recovery has taken place. Readings are very uniform over the British Isles, but across the North Sea (from Scarborough to Skaw) there is a gradient of 0.05 in. per 50 miles.

Temperature has risen along the E. of England but fallen slightly elsewhere.



The wind has fallen light, and is very irregular in direction generally but a N.W. gale is reported from St. Andrews and fresh winds from the same quarter over the North Sea. In the south west S.W. or S.W. breezes prevail.

The sea is smooth on all coasts except at St. Andrews.

The sky is very cloudy generally. Rain is falling in several stations in the E. of England and also on the N. coast of Norway.

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

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

Monday 8 a.m.

WEATHER REPORT. September. 7th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall In past 24 Hours.	Sea Dis- turb- ance. — 0 to 2.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda ...	29.53	+ 27	49	47	- 2	*	*	NE	6	2	S	* c o	*	*	
Hernösand ...	29.49	+ 28	46	44	- 4	*	*	NNW	4	4	NW	* o	*	*	
Stockholm ...	29.61	+ 29	47	42	- 4	*	*	WNW	4	4	WSW	* b c	*	*	
Wisby ...	29.80	+ 24	53	50	+ 3	*	*	NW	4	?	W	* b	*	*	
Christiansund...	29.81	+ 30	47	45	+ 1	*	*	W	8	6	WNW	* o	*	6	
Skudesnaes ...	29.92	+ 24	48	42	- 2	*	*	N	4	7	NNW	* c	*	3	
Oxö (X'tiansand)	29.86	+ 32	47	42	- 6	*	*	WNW	4	4	WNW	* b	*	2	
Skagen (The Skaw)	29.80	+ 29	52	48	- 2	*	*	NNW	2	6	WNW	* b c	-	*	
Fanö ...	29.94	+ 17	53	49	- 5	*	*	W	6	4	W	* c	0.04	*	
Cuxhaven ...	30.012	+ 14	56	53	+ 3	?	57	NNW	2	3	NW	* c	0.02	*	
Sunburgh Head	29.932	+ 06	43	40	- 2	49	39	N	1	4	N	* c	-	2	
Stornoway (Hebrides)	29.848	- 08	46	44	- 2	50	36	Z	0	2	ENE	* b o	-	1	
Thurso...	29.898	- 02	57	48	+ 4	55	36	SSE	2	2	NNE	* e	-	2	
Wick ...	29.858	- 10	52	57	+ 7	52	37	SE	2	2	NE	* o	0.01	2	
Nairn ...	29.898	- 04	48	46	+ 2	54	41	Z	0	1	NE	* b c	-	1	
Aberdeen ...	29.918	- 02	52	57	+ 3	53	46	S	1	1	NNW	* c o	-	1	
Leith ...	29.918	- 03	53	52	0	58	50	SE	2	4	E	* c o	0.06	*	
Shields...	29.942	+ 01	55	54	+ 1	57	53	SW	1	1	SE	* o w	-	1	
York ...	29.968	- 03	55	54	0	63	53	S	1	1	SE	* o	-	*	
Scarborough ...	29.962	+ 01	56	55	0	60	53	SW	1	1	SE	* o	-	1	
Nottingham ...	29.982	+ 04	59	57	+ 3	63	55	S	2	3	SSE	* o f	-	*	
Ardrossan ...	29.898	- 01	54	53	+ 4	64	50	NE	1	3	NE	* e h	0.05	0	
Greencastle ...	29.908	+ 01	56	55	+ 1	57	54	WSW	3	3	WSW	* g o	-	*	
Donaghadee ...	29.898	+ 02	56	54	+ 1	59	54	W	4	4	W	* c o	0.01	2	
Kingstown ...	29.972	+ 12	57	54	+ 2	61	55	WSW	1	2	SSE	* g o	0.07	1	
Holyhead ...	29.952	+ 09	58	56	+ 2	62	53	WSW	1	2	ESE	* f g	0.06	0	
Liverpool (Bidston Obs.)	29.962	+ 05	58	55	+ 4	61	54	SW	1	3	SE	* o	-	1	
Valencia ...	29.968	- 04	59	55	0	62	54	W	3	3	W	* c	-	3	
Roche's Point...	29.992	+ 04	55	53	+ 1	63	52	W	2	3	NW	* c o	-	3	
Pembroke ...	29.992	+ 14	59	54	+ 1	60	57	WSW	1	3	WNW	* c o	-	2	
Portishead ...	30.002	+ 06	57	55	+ 3	65	52	WSW	2	4	WNW	* o f	0.27	2	
Scilly ...	30.052	+ 12	60	59	+ 1	62	57	SSW	4	5	WNW	* e	0.03	3	
Plymouth ...	30.052	+ 09	59	59	+ 3	65	53	WSW	2	3	WNW	* p w	0.24	*	
Hurst Castle ...	30.062	+ 06	59	57	- 1	68	54	WNW	1	3	SW	* c o	0.48	2	
Dover ...	30.042	+ 02	58	56	+ 2	62	54	SW	3	3	SW	* u e	0.28	3	
London ...	30.042	+ 03	57	56	0	62	53	SW	1	1	E	* c o	0.28	*	
Oxford...	30.012	+ 02	58	57	+ 4	59	52	WSW	1	1	SSW	* o	0.21	*	
Cambridge ...	30.012	+ 02	57	56	+ 3	61	53	SW	1	1	SSW	* c o	0.59	*	
Yarmouth ...	30.012	+ 01	58	57	+ 2	63	53	W	1	2	WSW	* c w	-	2	
Helder...	30.00	-	56	*	-	*	*	SSE	3	*	*	* *	-	2	
Cape Gris Nez...	30.022	- 00	56	54	- 2	61	55	W	3	5	WSW	* o	0.28	2	
Brest ...	? 30.162	+ ? 05	58	58	- 1	62	54	W	2	5	W	* o	0.04	3	
L'Orient ...	30.122	+ 03	58	56	+ 2	66	55	NW	2	5	WSW	* o	-	2	
Rocheport ...	30.172	- 00	63	58	+ 1	71	60	SW	3	3	NW	* o	-	3	
Biarritz ...	30.172	+ 02	63	61	+ 7	74	59	SE	3	4	NE	* c	-	3	
Corunna ...	30.04	+ 02	58	*	+ 1	*	*	W	3	*	*	* c o	-	*	
Brussels ...	30.13	+ 03	53	*	0	*	*	SE	3	*	*	* o	-	*	
Charleville ...	30.122	+ 02	58	*	- 1	68	55	WSW	3	4	SW	* o f	-	*	
Paris ...	?	?	64	*	+ 4	*	*	N	3	*	*	* b	-	*	
Lyons ...	30.092	+ 06	66	55	0	79	59	NW	4	5	NW	* b	-	4	

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	29.80	49	44	WNW	7	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						
Greencastle ...							Rochefort ...	30.18	67	60	W	10	0
Holyhead ...													

EXPLANATION OF COLUMNS.

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

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

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

WEATHER CHARTS

AND REMARKS FOR

MON-DAY SEPT 7TH 1874 AT 8 A.M.

BAROMETER.

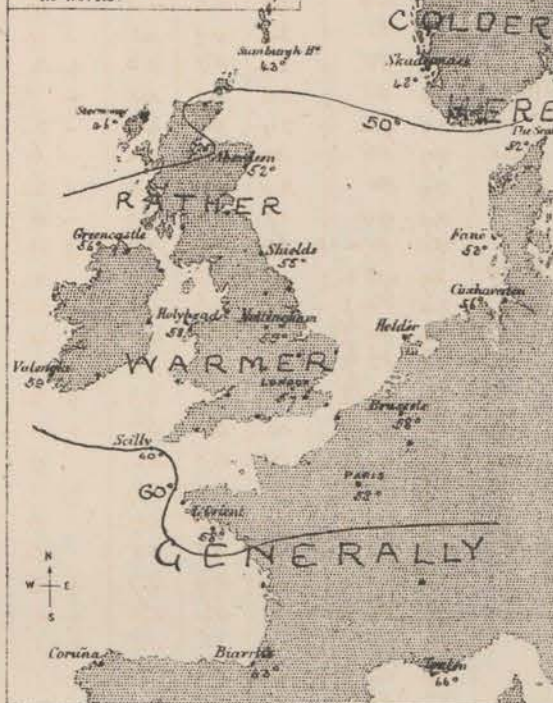
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words



Yesterday morning the barometer was falling at the N and S stations but rising over the North Sea and Scotland. Today a recovery has set in on the N and S coasts while the fall has travelled to Scotland. On the E shore of the North Sea the recovery continues. The highest readings lie over France and the Bay of Biscay but from S coast to Donaghadee the gradient is only 0.02 in per cent.

TEMPERATURE.

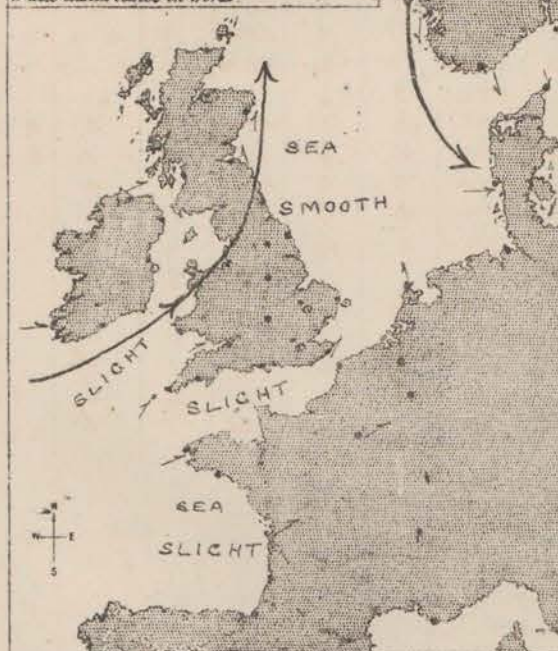
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words



Temperature has risen a little over the British Kingdom in the past 24 hrs. but fallen in Denmark and the S of Norway.

WIND & SEA.

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

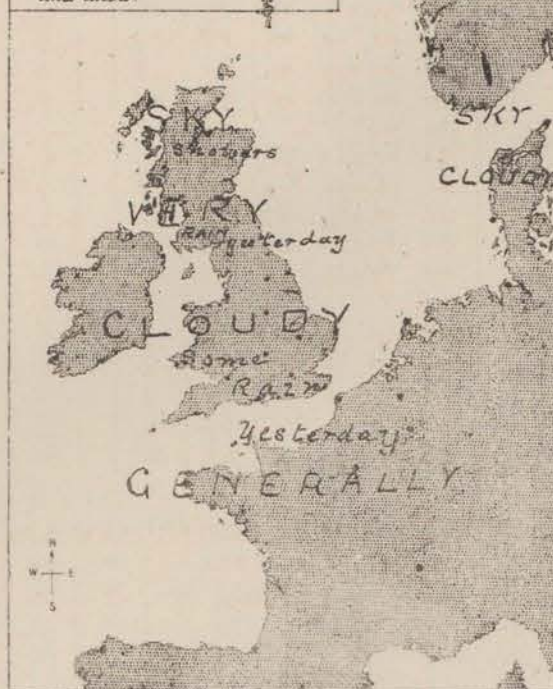


The wind is now very light in the British Isles. It is chiefly N to E in direction but draws into S in the E of Scotland, while on the E shore of the North Sea moderate N winds are felt and a N gale at Donaghadee.

The sea is smooth or nearly so at all stations excepting Donaghadee.

CLOUD, RAIN &c.

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



Rain fell very generally over the S of England and S of France yesterday and some showers at our stations. The sky is still very cloudy generally.

Subscriptions for these Charts payable in advance to cover delivery.
Delivery 6.00 per quarter
Post 3.00 per quarter.

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

Tues. day 8 a.m.

WEATHER REPORT. Sept^r 8th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda	29.91	+ .38	37	35	- 12	*	*	NE	4	4	NE	*	oc	*	*
Hernösand	29.89	+ .40	48	45	+ 2	*	*	N	2	4	N	*	co	*	*
Stockholm	29.84	+ .23	50	48	+ 3	*	*	NW	4	6	NW	*	co	*	*
Wisby	29.90	+ .10	53	50	0	*	*	NW	4	4	W	*	b	*	*
Christiansund	29.94	+ .13	50	47	+ 3	*	*	ESE	2	4	WSW	*	cb	*	2
Skudesnaes	29.91	- .01	50	46	+ 2	*	*	ESE	4	4	NNW	*	bc	*	2
Oxö (X'tiansand)						*	*					*		*	
Skagen (The Skaw)	29.94	+ .17	51	49	- 1	*	*	W	2	2	WNW	*	bc	-	*
Fanö	29.95	+ .01	50	48	- 3	*	*	SE	2	0	Z	*	bc	-	*
Cuxhaven	29.95	- .06	59	57	+ 3	?	54	S	1	2	SW	9	r	0.14	*
Sumburgh Head	29.73	- .20	57	57	+ 8	53	49	SE	5	6	SE	10	ur	0.07	5
Stornoway (Hebrides)	29.69	- .15	41	40	- 5	55	41	SSW	4	2	SSE	5	pc	0.08	3
Thurso	29.73	- .16	54	52	+ 3	60	50	S	1	3	SE	4	gc	0.10	1
Wick	29.45	- .10	53	52	+ 1	58	48	Z	0	7	SE	4	c	0.05	0
Nairn	29.48	- .11	53	51	+ 5	56	48	Z	0	0	Z	7	oc	0.13	1
Aberdeen	29.77	- .14	54	52	+ 2	55	52	NW	1	2	SSE	8	mo	0.03	1
Leith	29.84	- .07	57	53	+ 4	58	48	SW	2	2	E	5	pc	0.02	*
Shields	29.85	- .09	58	55	+ 3	60	52	W	2	2	SSW	8	og	-	2
York	29.94	- .02	58	55	+ 3	63	50	S	1	1	S	7	oc	-	*
Scarborough	29.90	- .06	59	57	+ 3	63	52	SW	2	1	SW	4	gc	-	2
Nottingham	29.93	- .05	59	58	0	68	57	S	2	2	S	10	gd	0.02	*
Ardrossan	29.83	- .06	55	52	+ 1	61	49	SW	2	2	SW	6	c	0.05	2
Greencastle	29.82	- .08	54	52	- 2	61	57	SSW	4	4	SSW	9	o	0.07	*
Donaghadee	29.86	- .03	56	55	0	61	46	SSE	2	4	W	2	cb	0.04	1
Kingstown	29.93	- .04	55	51	- 2	62	53	SSE	3	2	SW	5	gc	0.01	2
Holyhead	29.91	- .04	56	53	- 2	62	54	SW	1	2	SW	4	bc	-	1
Liverpool (Bidston Obs.)	29.90	- .06	59	57	+ 1	60	53	WSW	2	3	WSW	10	o	0.07	1
Valencia	29.88	- .08	57	55	- 2	63	54	SSW	4	4	SW	8	pg	0.06	4
Roche's Point	29.93	- .06	56	54	+ 1	62	52	WSW	3	3	NW	7	pc	0.08	3
Pembroke	29.97	- .02	57	52	- 2	60	55	WNW	1	2	W	18	po	0.02	1
Portishead	29.96	- .04	59	58	+ 2	67	53	S	1	3	WSW	10	po	0.26	1
Scilly	30.02	- .03	58	57	- 2	64	55	SSW	1	5	SSW	8	co	0.08	2
Plymouth	30.00	- .05	59	59	0	64	57	NW	1	4	SW	10	gow	0.01	*
Hurst Castle	30.00	- .06	62	61	+ 3	70	58	W	1	4	W	8	po	0.05	1
Dover	30.01	- .03	60	57	+ 2	64	56	W	2	3	SW	5	c	0.0	2
London	30.00	- .04	62	59	+ 5	67	56	W	1	2	WSW	9	oc	0.05	*
Oxford	29.97	- .04	59	57	+ 1	66	55	SW	1	2	N	7	oc	0.08	*
Cambridge	29.98	- .03	58	56	+ 1	66	54	SW	1	1	SW	10	o	0.02	*
Yarmouth	29.97	- .04	59	57	+ 1	65	55	WNW	2	2	WSW	3	cb	0.06	2
Helder	29.94	- .06	61	*	+ 5	*	*	WSW	3	*	*	*	*	*	2
Cape Gris Nez	30.02	- .00	60	56	+ 4	63	53	W	4	4	WSW	9	o	0.04	4
Brest	30.08	- .08	59	57	+ 1	64	57	Z	0	3	SE	10	o	0.08	2
L'Orient	30.04	- .08	61	61	+ 3	68	58	WNW	1	3	WSW	10	cg	-	2
Rocheport	30.11	- .06	60	56	- 3	71	55	SE	3	5	NW	5	oc	-	3
Biarritz	30.05	- .12	66	64	+ 3	70	63	SE	1	5	?N	8	bmo	0.12	3
Corunna			*	*		*	*					*		*	
Brussels	30.03	- .01	59	*	+ 1	*	*	WSW	3	*	*	*	o	*	*
Charleville	30.15	+ .02	52	*	- 1	*	*	SW	3	*	*	*	o	*	*
Paris	30.10	- .02	59	*	+ 1	68	55	SSE	1	4	SW	4	c	-	*
Lyons	?	?	64	*	0	*	*	E	3	*	*	*	?	*	*
Toulon	29.97	- .12	68	63	+ 2	77	63	E	3	5	NW	6	co	-	4

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

Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wen.	Sea.
Skudesnaes	29.94	57	44	NNW	4	*	Valencia	29.96	60	58	SW	3	9
Thurso	29.82	56	52	SE	2	8	Scilly	30.05	63	61	SSW	5	8
Scarborough	29.94	58	56	SW	1	10	London	30.04	65	58	WSW	1	9
Greencastle	29.88	61	57	SW	3	9	Rocheport	30.18	68	63	NW	1	8
Holyhead	29.95	61	57	SW	2	6							

A slight further fall of the barometer has occurred in the N. of our Islands, but telegraphic scarcely any change is reported. Light to moderate SW winds are general, with cloudy weather, and rain in some places.

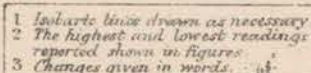
EXPLANATION OF COLUMNS.

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

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

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

SEPT 8TH 1874 AT 8 A.M.



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

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

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

Wednesday 8 a.m.

WEATHER REPORT. Sept⁴ 9¹⁶ 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda ...						*	*				*		*	*	
Hernösand ...						*	*				*		*	*	
Stockholm ...						*	*				*		*	*	
Wisby ...						*	*				*		*	*	
Christiansund ...						*	*				*		*	*	
Skudesnaes ...						*	*				*		*	*	
Oxö (X'tiansand)						*	*				*		*	*	
Skagen (The Skaw)						*	*			*	*		*	*	
Fanö ...						*	*			*	*		*	*	
Cuxhaven ...	29.74 f	-21	57	57	-2	65	?	S	2	2	WNW	7	rc	0.10	*
Sumburgh Head	29.42 f	-31	53	53	+2	57	50	SE	6	1	SE	10	og	-	5
Stornoway (Hobriden)	29.24 f	-45	50	49	+9	56	46	WSW	2	7	SE	9	rc	0.49	3
Thurso ...	29.29 f	-44	53	52	-1	64	51	SSE	3	3	SSE	10	od	0.04	2
Wick ...	29.29 f	-46	54	54	+1	61	57	S	4	4	S	10	o	0.22	4
Nairn ...															
Aberdeen ...	29.35 f	-42	54	53	0	60	52	S	3	3	S	10	bo	0.12	1
Leith ...	29.37 f	-47	52	52	-5	65	52	SW	1	2	SW	8	co	0.05	*
Shields ...	29.40 f	-45	55	54	-3	61	53	SW	4	2	W	9	cr	0.03	1
York ...	29.55 f	-39	52	52	-6	64	51	S	1	1	WSW	10	or	0.55	*
Scarborough ...	29.45 f	-45	55	54	-4	63	54	S	3	3	SW	10	or	0.08	2
Nottingham ...	29.52 f	-41	53	53	-6	68	52	S	3	5	SSW	10	or	0.29	*
Ardrossan ...	29.35 f	-48	52	49	-2	59	44	WSW	3	5	SSW	6	c	0.68	2
Greencastle ...	29.37 f	-45	57	48	-3	57	48	S	2	6	SSE	5	gc	0.24	*
Donaghadee ...	29.37 f	-49	50	50	-6	59	47	SW	3	6	SSE	3	c	0.31	2
Kingstown ...	29.47 f	-46	53	48	-2	62	50	WSW	2	4	S	1	gb	0.11	2
Holyhead ...	29.46 f	-45	53	49	-3	62	52	WSW	2	4	SSW	3	rb	0.31	2
Liverpool (Bidston Obs.)	29.44 f	-46	52	51	-7	61	51	WSW	2	4	SSE	9	o	0.21	2
Valencia ...	29.48 f	-40	53	51	-4	62	49	WSW	4	5	SSW	6	fo	0.07	4
Roche's Point...	29.48 f	-45	51	50	-5	63	48	WSW	2	6	SW	3	orb	0.28	4
Pembroke ...	29.57 f	-46	55	51	-2	61	54	WNW	3	7	SW	?	o	0.70	3
Portishead ...	29.48 f	-48	53	53	-6	68	52	SW	3	2	WSW	10	or	0.61	2
Scilly ...	29.60 f	-42	56	53	-2	65	53	WSW	6	6	WSW	6	cb	0.38	4
Plymouth ...	29.54 f	-46	57	57	-2	64	56	W	4	6	SSW	4	gc	0.95	*
Hurst Castle ...	29.57 f	-43	61	59	-1	70	59	SW	5	5	SW	10	co	-	4
Dover ...	29.64 f	-37	62	61	+2	65	59	SW	3	3	SW	6	cp	0.10	3
London ...	29.59 f	-41	63	58	+1	69	58	SW	4	4	SW	8	pc	0.03	*
Oxford ...	29.55 f	-42	54	53	-5	67	54	SW	2	6	SW	10	or	0.14	*
Cambridge ...	29.55 f	-43	60	57	+2	69	54	SSW	1	1	SSW	10	co	-	*
Yarmouth ...	29.64 f	-33	60	59	+1	67	56	S	2	3	SSW	8	co	-	3
Helder ...	29.41 f	-23	58	*	-3	*	*	SSE	4	*	*	*	*	*	2
Cape Gris Nez...	29.67 f	-35	60	58	0	67	58	SW	4	4	W	9	o	0.20	2
Brest ...	29.73 f	-35	58	58	-1	66	57	W	5	5	W	10	rc	0.04	4
L'Orient ...	29.74 f	-30	60	60	-5	66	59	W	5	5	W	7	rc	0.28	4
Rocheport ...	29.89 f	-22	64	60	+4	76	58	WSW	3	4	NW	5	c	-	3
Biarritz ...	29.96 f	-09	66	62	0	71	64	SW	4	4	NW	9	o	0.04	3
Corunna ...															
Brussels ...	29.75	-28	62	*	+3	*	*	S	3	*	*	*	o	*	*
Charleville ...	29.84	-28	58	*	+6	*	*	SE	3	*	*	*	?	*	*
Paris ...	29.76 f	-34	60	*	-4	73	59	SSE	3	4	S	10	or	-	*
Lyons ...		?	66	*	+2	*	*	SE	1	*	*	*	o	*	*
Toulon ...	30.02 f	+05	63	61	-5	74	62	? N	4	1	E	3	ow	-	3

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

Stations	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.	Stations	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.
Skudesnaes	29.85	54	49	SSE	4	*	?	Valencia	29.75	60	57	SSW	5	7	c
Thurso	29.68	63	55	S	2	5	c	Scilly	29.96	63	60	SSW	4	7	c
Scarborough	29.84	63	58	WSW	1	7	c	London	29.94	65	61	SW	2	10	co
Greencastle	29.70	57	54	S	5	10	g	Rocheport	30.04	72	63	NW	3	4	c
Holyhead	29.85	61	56	SSW	3	5	c								

The barometer has begun to fall more briskly at the W^{est} stations accompanied by slight freshening of the wind from SSW, with cloudy and rather unsettled weather. The sea is, however, moderate.

EXPLANATION OF COLUMNS.

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

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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 opposition direction.

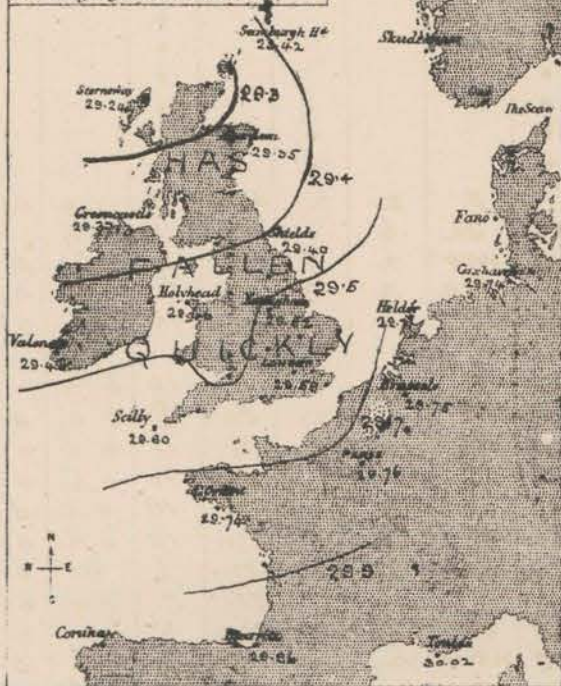
WEATHER CHARTS

AND REMARKS FOR

WEDNES - DAY SEPT 9TH 1874 AT 8 A.M.

BAROMETER.

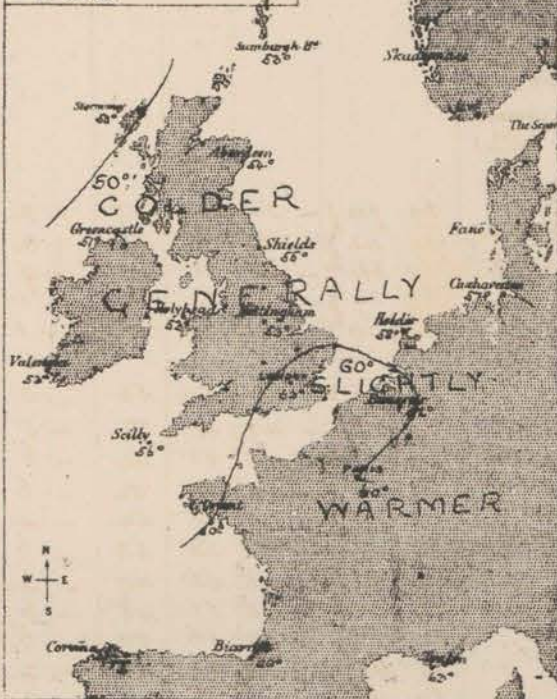
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hrs. the barometer has fallen quickly over the whole of the British Isles and to a less extent in France. [The Norwegian and Danish Reports have not arrived.] A well defined depression lies off the N.W. coast of Scotland and an additional local disturbance over Wales. The latter are thus deepest over the S. stations, so that while from Rochford to Portishead is a rise, that from Portishead to Stornoway is only 2.92 in. per 50 miles.

TEMPERATURE.

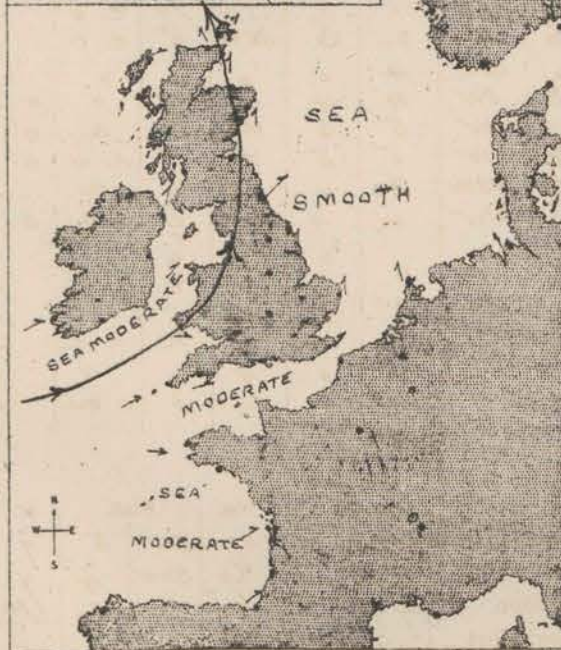
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen in the S. and E. of France, Belgium and the S.E. of England but fallen elsewhere.

WIND & SEA.

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

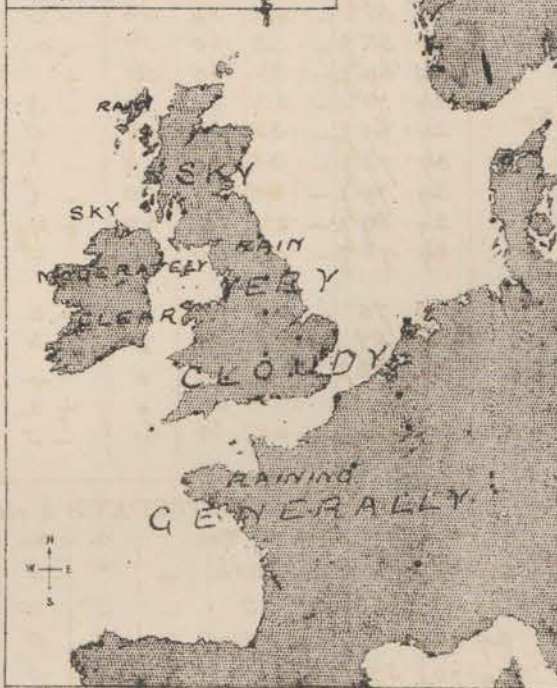


The winds are generally N.W. on the S.W. coast, but draw into S. in the E. of St. Barts and S.E. at Sumburgh. In force they are moderate to fresh at the more S. stations and light in the N. except at Sumburgh.

The sea is moderate in the S. and N. smooth in the E. and W.

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 stations. The sky continues overcast generally and the weather is wet and unsettled.

Subscription for these Charts payable in advance to cover delivery.
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Meteorological Office
116, Victoria Str., Westminster, S.W.
ROBERT H. SCOTT, Director.

Dangerfield Lith. London

Thurs. day 8 a.m.

WEATHER REPORT. September, 10TH 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)					Dir.
Haparanda	30.06	+12	47	45	+6	*	*	S	2	2	NW	*	0	*	*
Hernösand	29.97	+04	52	50	+11	*	*	S	2	0	I	*	fc	*	*
Stockholm	29.89	-10	55	52	+3	*	*	SW	6	2	S	*	fb	*	*
Wisby	29.98	-06	54	50	+2	*	*	S	4	1	SE	*	bc	*	*
Christiansund	29.47	-34	59	58	+8	*	*	SE	7	2	ENE	*	bc	*	2
Skudesnaes	29.38	-34	55	53	-1	*	*	SSW	16	8	ESE	*	rc	*	3
Oxö (X'tiansand)	29.42	-43	57	55	+2	*	*	S	4	8	ESE	*	ro	*	4
Skagen (The Skaw)	29.50	-42	58	?	+3	*	*	S	8	8	SE	*	or	0.55	*
Fanö	29.50	-31	59	57	+5	*	*	SSW	2	4	SSE	*	c	0.24	*
Cuxhaven	29.58	-16	57	55	0	68	?	SW	3	2	S	2	cb	0.09	*
Sumburgh Head	29.20	-22	52	51	-1	55	50	SSE	5	6	SE	5	dc	0.21	6
Stornoway (Hebrides.)	29.03	-21	57	48	+1	56	46	ESE	2	5	S	7	bw	-	6
Thurso	29.12	-17	57	49	-2	55	41	SSE	2	3	SSE	4	oc	0.05	1
Wick	29.13	-16	52	49	-2	56	45	S	4	4	S	5	c	0.11	3
Nairn															
Aberdeen	29.18	-17	57	49	-3	55	45	S	3	3	S	3	gb	0.07	3
Leith	29.20	-17	54	51	+2	64	45	W	4	3	W	3	cb	-	*
Shields	29.30	-10	50	47	-5	57	46	WSW	4	4	WSW	6	oc	0.14	1
York	29.42	-13	52	49	0	62	42	WSW	2	1	W	7	oc	0.16	*
Scarborough	29.37	-08	52	50	-3	56	44	WSW	4	2	SW	16	rp	0.38	3
Nottingham	29.48	-04	53	49	0	59	44	SSW	5	5	S	7	rlw	0.23	*
Ardrossan	29.15	-20	54	50	+1	60	52	W	6	6	W	18	eqn	0.05	5
Greencastle	29.15	-22	50	48	-1	55	49	SW	5	7	SSW	8	yo	0.43	*
Donaghadee	29.22	-15	49	48	-1	59	47	S	5	5	S	8	c	0.03	3
Kingstown	29.38	-09	51	47	-2	59	50	W	6	7	WSW	4	gc	0.01	4
Holyhead	29.40	-06	52	49	-1	61	57	SW	5	4	SSW	5	pte	0.02	4
Liverpool (Bidston Obs.)															
Valencia	29.61	+13	55	57	+2	63	50	W	5	6	W	6	p	0.24	5
Roche's Point	29.57	+09	53	50	+2	58	48	W	4	6	WSW	4	pte	0.18	4
Pembroke	29.54	+03	56	50	+1	58	50	WNW	6	8	WSW	6	qo	0.07	6
Portishead	29.55	+07	57	54	+4	64	46	WNW	5	6	W	7	tg	0.67	4
Scilly	29.72	+12	56	57	0	59	53	W	6	7	W	15	pg	0.04	6
Plymouth	29.66	+12	55	53	-2	63	50	W	4	16	W	2	glb	0.10	*
Hurst Castle	29.65	+08	58	54	-3	68	52	WNW	6	6	WNW	4	lg	0.22	5
Dover	29.62	-02	52	49	-10	64	49	WSW	4	6	SW	0	gtb	0.35	3
London	29.59	00	56	57	-7	66	44	W	3	4	W	2	ptb	0.22	*
Oxford	29.56	+01	53	50	-1	61	45	SW	2	3	W	8	po	0.47	*
Cambridge	29.54	-01	52	48	-8	68	44	SW	2	1	SW	2	rb	0.51	*
Yarmouth	29.54	-10	57	49	-9	65	47	WSW	4	4	S	4	rcw	0.15	3
Helder	29.57	-20	55	*	-3	*	*	S	3	*	*	*	*	*	4
Cape Gris Nez	29.62	-05	55	57	-5	66	50	WSW	8	9	WSW	8	to	0.55	6
Brest	29.84	+11	57	57	-1	62	57	WNW	4	5	W	10	o	0.12	4
L'Orient	29.80	+06	57	52	-3	65	53	NW	5	7	W	4	oc	0.16	4
Rochefort	29.88	-01	58	56	-6	69	57	NNW	4	9	W	10	2	0.55	3
Biarritz	29.99	+03	64	62	-2	69	63	SW	3	5	W	9	ro	0.08	4
Corunna															
Brussels	29.66	-09	54	*	-8	*	*	WSW	6	*	*	*	0	*	*
Charleville	29.79	-08	54	*	-4	*	*	WSW	1	*	*	*	0	*	*
Paris	?	?	55	*	-5	74	54	SSW	4	5	SW	8	oc	0.32	*
Lyons	?	?	66	*	0	*	*	S	1	*	*	*	0	*	*
Toulon	30.00	-02	63	61	0	68	61	NW	5	4	SE	9	mo	1.83	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sea.	
Skudesnaes ...	29.59	58	54	ESE	6	*	2	5	Valencia ...	29.43	56	52	wnw	5	6	ph
Thurso ...	29.23	53	52	wnw	1	9	0	0	Scilly ...	29.61	57	54	wsn	6	6	p
Scarborough...	29.38	55	54	SW	2	9	0	2	London ...	29.57	60	54	w	3	8	ocp
Greencastle ...	29.25	55	50	ESE	6	8	0	*	Rochefort...	29.89	70	63	w	7	7	c
Holyhead ...	29.40	58	53	SSW	4	4	c	3								

Pressure continues to decrease except at the most Sth stations. The change has been great at Greencastle. The wind at Valencia has veered to WNW. The weather continues showery in the S., and temperature fell a few degrees in London during the showers.

EXPLANATION OF COLUMNS.

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

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

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

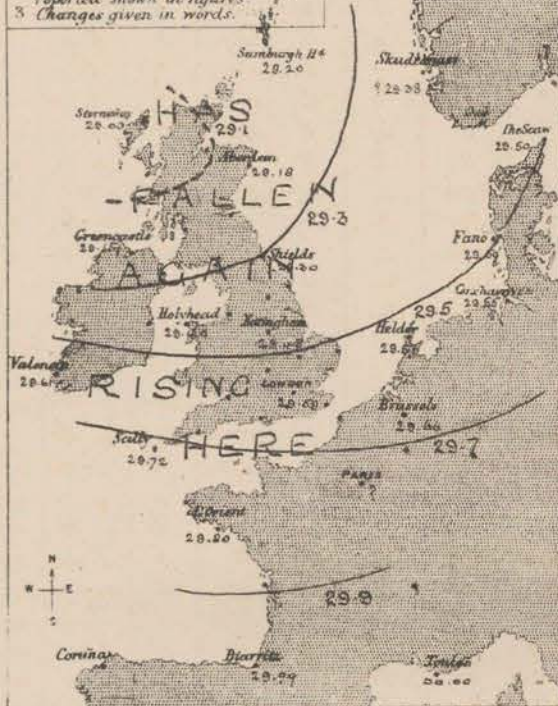
WEATHER CHARTS

AND REMARKS FOR

THURS - DAY SEPT 10TH 1874 AT 8 A.M.

BAROMETER.

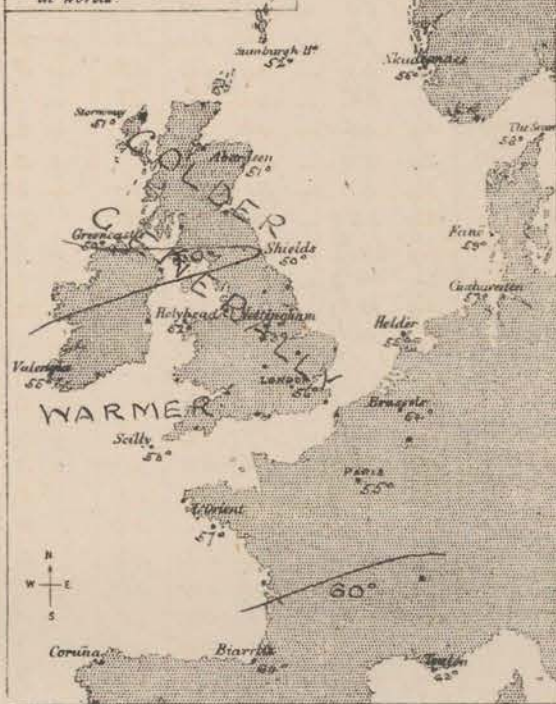
- 1 Isohyets lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



A further fall of the barometer has taken place at the N. stations, especially in Norway, while a recovery is in progress at the S.W. and S. stations. The depression which is advancing over our N. stations seems to be of large area and is extending laterally to the E. From the Scaw to Aberdeen the gradient is 0.04 in. per 50 miles for S.W. winds, from Brussels to Scilly it is 0.06 in. for S.W. winds, while from Valencia to Newcastle it is 0.08 in. for N. to N.W. winds.

TEMPERATURE.

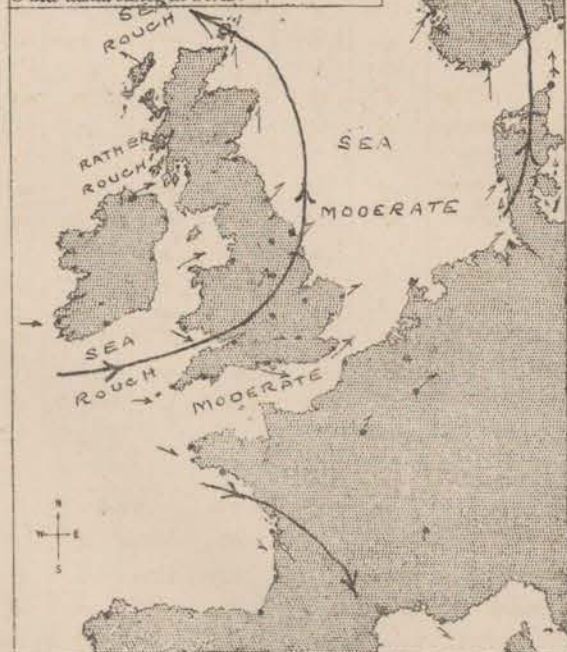
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has again fallen at all but our S.W. stations and those on the S. shore of the North Sea. At York it fell to 42° in the shade during the night, while in London it fell to 46° in the shade and 56° on the grass.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0 Force 8 to 10 - 7 Force 11 to 12 - 10 Force 13 to 15 - 13 Force 16 to 18 - 16 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 - 185 Force 187 to 188 - 187 Force 189 to 190 - 189 Force 191 to 192 - 191 Force 193 to 194 - 193 Force 195 to 196 - 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635 Force 637 to 638 - 637 Force 639 to 640 - 639 Force 641 to 642 - 641 Force 643 to 644 - 643 Force 645 to 646 - 645 Force 647 to 648 - 647 Force 649 to 650 - 649 Force 651 to 652 - 651 Force 653 to 654 - 653 Force 655 to 656 - 655 Force 657 to 658 - 657 Force 659 to 660 - 659 Force 661 to 662 - 661 Force 663 to 664 - 663 Force 665 to 666 - 665 Force 667 to 668 - 667 Force 669 to 670 - 669 Force 671 to 672 - 671 Force 673 to 674 - 673 Force 675 to 676 - 675 Force 677 to 678 - 677 Force 679 to 680 - 679 Force 681 to 682 - 681 Force 683 to 684 - 683 Force 685 to 686 - 685 Force 687 to 688 - 687 Force 689 to 690 - 689 Force 691 to 692 - 691 Force 693 to 694 - 693 Force 695 to 696 - 695 Force 697 to 698 - 697 Force 699 to 700 - 699 Force 701 to 702 - 701 Force 703 to 704 - 703 Force 705 to 706 - 705 Force 707 to 708 - 707 Force 709 to 710 - 709 Force 711 to 712 - 711 Force 713 to 714 - 713 Force 715 to 716 - 715 Force 717 to 718 - 717 Force 719 to 720 - 719 Force 721 to 722 - 721 Force 723 to 724 - 723 Force 725 to 726 - 725 Force 727 to 728 - 727 Force 729 to 730 - 729 Force 731 to 732 - 731 Force 733 to 734 - 733 Force 735 to 736 - 735 Force 737 to 738 - 737 Force 739 to 740 - 739 Force 741 to 742 - 741 Force 743 to 744 - 743 Force 745 to 746 - 745 Force 747 to 748 - 747 Force 749 to 750 - 749 Force 751 to 752 - 751 Force 753 to 754 - 753 Force 755 to 756 - 755 Force 757 to 758 - 757 Force 759 to 760 - 759 Force 761 to 762 - 761 Force 763 to 764 - 763 Force 765 to 766 - 765 Force 767 to 768 - 767 Force 769 to 770 - 769 Force 771 to 772 - 771 Force 773 to 774 - 773 Force 775 to 776 - 775 Force 777 to 778 - 777 Force 779 to 780 - 779 Force 781 to 782 - 781 Force 783 to 784 - 783 Force 785 to 786 - 785 Force 787 to 788 - 787 Force 789 to 790 - 789 Force 791 to 792 - 791 Force 793 to 794 - 793 Force 795 to 796 - 795 Force 797 to 798 - 797 Force 799 to 800 - 799 Force 801 to 802 - 801 Force 803 to 804 - 803 Force 805 to 806 - 805 Force 807 to 808 - 807 Force 809 to 810 - 809 Force 811 to 812 - 811 Force 813 to 814 - 813 Force 815 to 816 - 815 Force 817 to 818 - 817 Force 819 to 820 - 819 Force 821 to 822 - 821 Force 823 to 824 - 823 Force 825 to 826 - 825 Force 827 to 828 - 827 Force 829 to 830 - 829 Force 831 to 832 - 831 Force 833 to 834 - 833 Force 835 to 836 - 835 Force 837 to 838 - 837 Force 839 to 840 - 839 Force 841 to 842 - 841 Force 843 to 844 - 843 Force 845 to 846 - 845 Force 847 to 848 - 847 Force 849 to 850 - 849 Force 851 to 852 - 851 Force 853 to 854 - 853 Force 855 to 856 - 855 Force 857 to 858 - 857 Force 859 to 860 - 859 Force 861 to 862 - 861 Force 863 to 864 - 863 Force 865 to 866 - 865 Force 867 to 868 - 867 Force 869 to 870 - 869 Force 871 to 872 - 871 Force 873 to 874 - 873 Force 875 to 876 - 875 Force 877 to 878 - 877 Force 879 to 880 - 879 Force 881 to 882 - 881 Force 883 to 884 - 883 Force 885 to 886 - 885 Force 887 to 888 - 887 Force 889 to 890 - 889 Force 891 to 892 - 891 Force 893 to 894 - 893 Force 895 to 896 - 895 Force 897 to 898 - 897 Force 899 to 900 - 899 Force 901 to 902 - 901 Force 903 to 904 - 903 Force 905 to 906 - 905 Force 907 to 908 - 907 Force 909 to 910 - 909 Force 911 to 912 - 911 Force 913 to 914 - 913 Force 915 to 916 - 915 Force 917 to 918 - 917 Force 919 to 920 - 919 Force 921 to 922 - 921 Force 923 to 924 - 923 Force 925 to 926 - 925 Force 927 to 928 - 927 Force 929 to 930 - 929 Force 931 to 932 - 931 Force 933 to 934 - 933 Force 935 to 936 - 935 Force 937 to 938 - 937 Force 939 to 940 - 939 Force 941 to 942 - 941 Force 943 to 944 - 943 Force 945 to 946 - 945 Force 947 to 948 - 947 Force 949 to 950 - 949 Force 951 to 952 - 951 Force 953 to 954 - 953 Force 955 to 956 - 955 Force 957 to 958 - 957 Force 959 to 960 - 959 Force 961 to 962 - 961 Force 963 to 964 - 963 Force 965 to 966 - 965 Force 967 to 968 - 967 Force 969 to 970 - 969 Force 971 to 972 - 971 Force 973 to 974 - 973 Force 975 to 976 - 975 Force 977 to 978 - 977 Force 979 to 980 - 979 Force 981 to 982 - 981 Force 983 to 984 - 983 Force 985 to 986 - 985 Force 987 to 988 - 987 Force 989 to 990 - 989 Force 991 to 992 - 991 Force 993 to 994 - 993 Force 995 to 996 - 995 Force 997 to 998 - 997 Force 999 to 1000 - 999



Fresh N. breezes now prevail over Ireland and England moderate S.W. to S. breezes on the S. shore of the North Sea and S.E. winds in the North of Scotland, while in the Bay of Biscay the wind draws into N.W.

The sea is rough or rather so except on our E. coast.

CLOUD, RAIN & C.

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



Rain has again fallen generally accompanied by sharp thunderstorms in the S. parts of England and Ireland. The sky is rather less cloudy than of late, but rain still falls in some places.

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

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

Dangerfield, Lith. 22 Bedford St. Covent Garden

Wed. day 8 a.m.

WEATHER REPORT.

Sept 11th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29.84	-17	49	46	+2	*	*	S	4	2	SN	*	bo	*	*
Hernösand ...	29.60	-37	52	52	0	*	*	E	2	4	S	*	ro	*	*
Stockholm ...	29.65	-24	55	54	0	*	*	SN	2	?	?	*	f	*	*
Wisby ...	29.85	-13	54	52	0	*	*	N	2	4	S	*	ro	*	*
Christiansund...	29.36	-13	51	50	-8	*	*	SSN	2	2	NNN	*	co	*	1
Skudesnaes ...	29.36	-02	64	51	+9	*	*	SEE	6	6	SEE	*	r	*	4
Oxö (X'tiansand)	29.47	+05	55	52	+2	*	*	SSN	4	6	SSN	*	bc	*	3
Skagen (The Skaw)	29.57	+07	55	53	-3	*	*	SN	2	2	SN	*	bc	0.20	*
Fanö ...	29.56	+06	53	51	-6	*	*	NN	4	4	SN	*	bc	0.28	*
Cuxhaven ...	29.68f	+10	54	52	+3	61	?	NSN	5	4	SN	4	tr	0.09	*
Sumburgh Head	29.26r	+06	50	49	-2	58	46	NE	1	0	SE	10	or	0.11	5
Stornoway (Hebrides)	29.27r	+24	49	48	-2	56	45	S	2	4	SEE	10	r	0.36	4
Thurso...	29.29r	+17	50	48	-1	59	45	NSN	1	5	SEE	8	pcor	0.03	2
Wick ...	29.30r	+17	50	48	-2	57	41	Z	0	5	S	6	lc	0.01	1
Nairn ...	29.34r		50	48		62	43	S	1	1	SN	8	co	0.08	1
Aberdeen ...	29.36r	+18	50	47	-1	57	47	SN	1	4	SN	8	pcor	0.11	1
Leith ...	29.44r	+24	51	50	-0	57	47	SN	4	5	SN	9	cr	0.25	*
Shields ...	29.49r	+19	55	50	+5	59	48	N	3	6	SN	5	c	-	1
York ...	29.62r	+20	53	50	+1	60	47	S	2	?	N	5	hla	0.20	*
Scarborough ...	29.56r	+19	52	50	0	55	48	SN	2	3	NE	8	tro	0.49	2
Nottingham ...	29.68r	+20	55	52	+2	64	46	SEE	3	5	NSN	10	pcor	0.06	*
Ardrossan ...	29.42r	+27	54	51	0	56	50	SN	5	7	NE	7	qf	0.71	4
Greencastle ...	29.42r	+27	51	50	+1	52	48	NSN	4	6	N	9	qo	0.50	*
Donaghadee ...	29.46r	+24	55	52	+6	57	46	SSN	3	5	SSN	8	c	0.02	2
Kingstown ...	29.55r	+17	52	50	+1	57	50	S	1	1	N	10	q m	0.15	1
Holyhead ...	29.56r	+16	54	52	+2	58	53	SN	3	6	NSN	10	pcor	0.02	3
Liverpool (Bidston Obs.)	29.58r		?	?		60	55	NNN	2	7	?	10	om	-	4
Valencia ...	29.51f	-10	55	53	0	63	50	SN	4	4	N	7	pcor	0.22	4
Roche's Point...	29.54f	-03	56	55	+3	58	52	SN	3	6	N	10	pcor	0.21	4
Pembroke ...	29.57f	+03	56	55	0	58	53	S	5	9	N	10	q w	0.18	5
Portishead ...	29.71r	+16	50	52	-4	64	50	SN	6	8	NNN	10	qtw	0.27	3
Scilly ...	29.65f	-07	62	61	+6	62	54	NSN	7	7	NNN	10	q m	0.71	3
Plymouth ...	29.60r	-06	57	57	+2	62	53	SE	2	3	NSN	10	or	0.72	*
Hurst Castle ...	29.76f	+11	58	57	0	68	55	SN	5	7	SN	10	qr	0.16	5
Dover ...	29.81r	+19	55	52	+3	62	50	NSN	2	5	NSN	7	cw	0.10	3
London ...	29.76r	+17	54	53	-2	65	50	S	2	5	N	10	pcor	0.12	*
Oxford...	29.72	+16	53	51	0	62	49	SN	2	6	SN	10	pcor	0.13	*
Cambridge ...	29.73r	+19	53	51	+1	63	46	SN	2	2	SN	9	pcor	0.14	*
Yarmouth ...	29.76r	+22	52	51	+1	63	48	SN	4	5	NSN	6	rgu	0.10	3
Helder...	29.73	+22	57	*	+2	*	*	NSN	7	*	*	*	*	*	4
Cape Gris Nez...	29.82r	+20	58	54	+3	64	43	N	5	8	?	9	or	0.08	4
Brest ...	29.89f	-05	60	60	+3	63	56	SSN	7	7	SSN	10	mo	-	4
L'Orient ...	29.96f	+16	61	58	+4	66	56	NSN	7	7	NSN	9	c	-	5
Roche fort ...	30.13r	+25	63	58	+5	67	55	N	4	7	SSN	7	c	0.08	3
Biarritz ...	30.21r	+22	66	62	+2	71	62	S	1	5	N	6	cc	-	5
Corunna ...						*	*				*	*	*	*	*
Brussels ...	29.65	-01	55	*	+1	*	*	Z	0	*	*	*	r	*	*
Charleville ...	?	?	51	*	+3	*	*	SSN	?	*	*	*	f	*	*
Paris ...	30.01r	?	56	*	+1	64	55	SSN	5	5	N	10	co	-	*
Lyons ...	?	?	?	*	?	*	*	SN	1	*	*	*	c	*	*
Toulon...	30.20r	+20	60	51	-3	73	59	NN	5	5	NN	8	c	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sen.		Bar.	Dry.	Wet.	Wind.	C.	Wes.	Sen.
Skudesnaes ...	29.38	57	54	SEE	4	*	0	4	Valencia ...	29.68	55	52	N	4	5
Thurso ...	?	58	53	SEE	5	*	0	3	Scilly ...	29.82	60	55	N	7	5
Scarborough ...	29.42	54	51	NSN	3	9	620	3	London ...	29.66	61	54	N	3	4
Greencastle ...	29.26	51	50	N	6	9	q	*	Roche fort ...	30.01	66	57	NN	5	5
Holyhead ...	29.46	57	52	SN	6	5	pc	5							

The reading of the barometer telegraphed from Thurso this afternoon is inaccurate but at all other places a further rise is reported. The wind has increased to a moderate gale from the N^W over the Bristol Channel and fresh N^W breezes are reported from our other N^W stations.

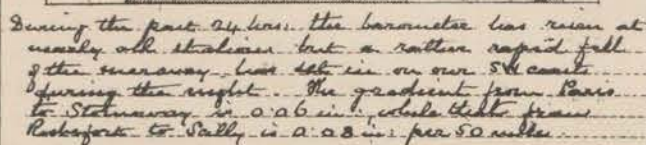
EXPLANATION OF COLUMNS.

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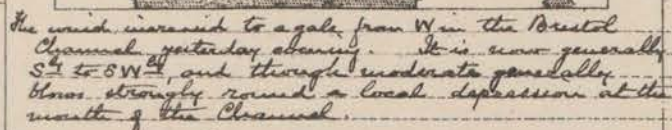
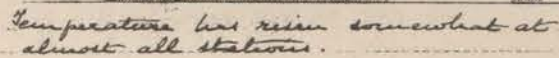
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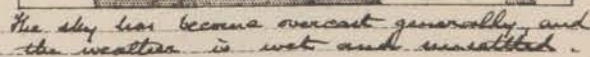
FRI. DAY 11TH SEPT: 1874 AT 8 A.M.



Note. The reports from Norway and Denmark arrived too late to be inserted in the Charts



The sea is rather rough on our S coast, moderate in the W, & smooth in the NE.

[illegible]

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

Saturday 8 a.m.

WEATHER REPORT. Sept^r 12th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby ...						*	*					*		*	*
Christiansund ...	29.30	- 06	49	48	- 2	*	*	WSW	2	2	E	*	c 1	*	0
Skudesnaes ...	29.30	- 06	53	49	- 11	*	*	E	4	4	SSW	*	c b	*	3
Oxö (X'tiansand) ...	29.26	- 21	52	47	- 3	*	*	N	4	4	SSW	*	c	*	2
Skagen (The Skaw) ...	29.25	- 22	53	52	- 2	*	*	E	2	2	WSW	*	c 0	0.24	*
Fanö ...	29.01	- 58	52	52	- 1	*	*	W	4	4	S	*	r c	1.38	*
Cuxhaven ...	29.178	- 57	60	58	+ 6	?	52	WSW	7	6	SW	7	r 0	0.39	*
Sumburgh Head ...	29.402	+ 14	50	47	0	58	44	N	4	1	NE	8	0	?	3
Stornoway (Hebrides) ...	29.612	+ 34	57	49	+ 2	56	45	NW	4	4	NW	8	d p	0.02	3
Thurso ...	29.532	+ 24	50	49	0	60	49	NW	3	4	N	10	c p	0.09	3
Wick ...	29.532	+ 23	57	49	+ 1	59	47	NW	3	3	NW	8	c 0	0.10	1
Nairn ...															
Aberdeen ...	29.522	+ 16	50	48	0	57	47	NNW	4	4	NNW	5	p e	0.20	2
Leith ...	29.582	+ 14	53	50	+ 2	64	48	N	3	3	SW	4	e	0.03	*
Shields ...	29.572	+ 02	54	50	- 1	61	49	N	4	6	SSW	3	c b	0.41	2
York ...	29.562	- 06	53	57	0	58	50	WNW	2	1	S	3	d b	0.30	*
Scarborough ...	29.572	- 05	53	52	+ 1	57	57	NNW	4	2	SSW	7	r c	0.41	4
Nottingham ...	29.572	- 09	56	53	+ 1	62	49	WNW	5	5	SSW	8	p	0.11	*
Ardrossan ...	29.612	+ 19	53	49	- 1	57	47	NNW	1	4	SW	2	c b	0.03	1
Greencastle ...	29.692	+ 27	52	50	+ 1	55	46	N	3	4	WSW	5	e	-	*
Donaghadee ...	29.642	+ 18	53	57	- 2	56	50	NW	4	4	NW	5	e	0.08	2
Kingstown ...	29.692	+ 14	52	49	0	64	51	WNW	6	6	W	1	g b	0.03	4
Holyhead ...	29.642	+ 08	53	57	+ 1	60	54	NW	6	7	NW	5	r c	0.30	5
Liverpool (Bidston Obs.) ...	29.592	+ 01	55	57	?	59	52	WNW	5	7	WSW	7	g c	0.37	4
Valencia ...	29.762	+ 25	53	53	0	63	50	NNE	3	5	WSW	9	r	0.34	3
Roche's Point ...	29.732	+ 19	53	57	- 3	61	52	NW	2	5	W	8	r 0	0.38	4
Pembroke ...	29.692	+ 12	53	52	- 1	62	54	NW	2	7	W	7	o c	0.60	5
Portishead ...	29.642	- 07	59	53	+ 6	65	57	WNW	4	16	W	7	d w	0.47	3
Scilly ...	29.792	+ 14	58	57	- 4	63	57	W	5	7	WSW	16	r u c	0.25	5
Plymouth ...	29.732	+ 13	58	58	+ 1	64	56	W	2	16	SW	9	r w	0.42	*
Hurst Castle ...	29.702	- 06	60	58	+ 2	67	56	WNW	5	7	W	3	r b	0.32	5
Dover ...	29.622	- 19	60	56	+ 5	65	54	WSW	4	7	WSW	0	g b	0.60	4
London ...	29.622	- 14	60	56	+ 6	66	54	WNW	3	7	SW	5	r g c	0.25	*
Oxford ...	29.64	- 08	57	52	+ 4	65	53	W	3	8	SW	1	r b	0.25	*
Cambridge ...	29.592	- 14	57	52	+ 4	61	52	W	1	2	S	0	p b	0.26	*
Yarmouth ...	29.525	- 24	55	53	+ 3	60	52	WNW	4	5	W	2	r b	0.28	4
Helder ...	29.39	- 34	58		+ 1			WNW	6						4
Cape Gris Nez ...	29.608	- 22	60	56	+ 2	63	52	WNW	7	7	SW	8	r 0	0.47	5
Brest ...	29.918	+ 02	60	60	0	64	56	W	4	7	WSW	10	f	0.08	5
L'Orient ...	29.918	- 05	62	62	+ 1	67	59	W	4	18	WSW	10	f	-	6
Rochefort ...	30.098	- 04	66	61	+ 3	70	61	WNW	7	8	W	10	0	-	3
Biarritz ...	30.188	- 03	66	62	0	72	64	S	4	4	N	9	c 0	-	6
Corunna ...															
Brussels ...	29.61	- 04	60	*	+ 5	*	*	W	6	*	*	*	r	*	*
Charleville ...	29.74	?	60	*	+ 9	*	*	SW	?	*	*	*	0	*	*
Paris ...	29.828	- 19	62	*	+ 6	64	62	SW	7	8	SW	10	0 1/2	0.24	*
Lyons ...	29?	?	63	*	?	*	*	E	1	*	*	*	b	*	*
Toulon ...	30.138	- 07	66	59	+ 6	?	60	NW	5	7	NW	6	e	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.37	55	57	SSW	6	*	c	6	Valencia ...	29.56	59	57	WSW	4	9	2	4
Thurso ...	29.31	58	57	NE	1	4	c	1	Scilly ...	29.73	62	61	WSW	7	10	aw	6
Scarborough...	29.49	56	54	SSW	2	10	2	2	London ...	29.57	61	58	S	2	10	20	*
Greencastle ...	29.37	56	53	WSW	3	5	c	*	Rochefort...	30.14	68	59	W	7	10	0	4
Holyhead ...	29.46	57	57	SW	3	10	d	2									

Pressure is recovering again at our SWⁿ stations, but has decreased briskly in the E and SE. Elsewhere it has changed very irregularly. Strong WSWⁿ winds are still felt at the mouth of the Channel, and in the Bay of Biscay, while the NE wind reported from Sumburgh Head this morning has extended to Thurso. The weather remains overcast and rainy except in the north-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 strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

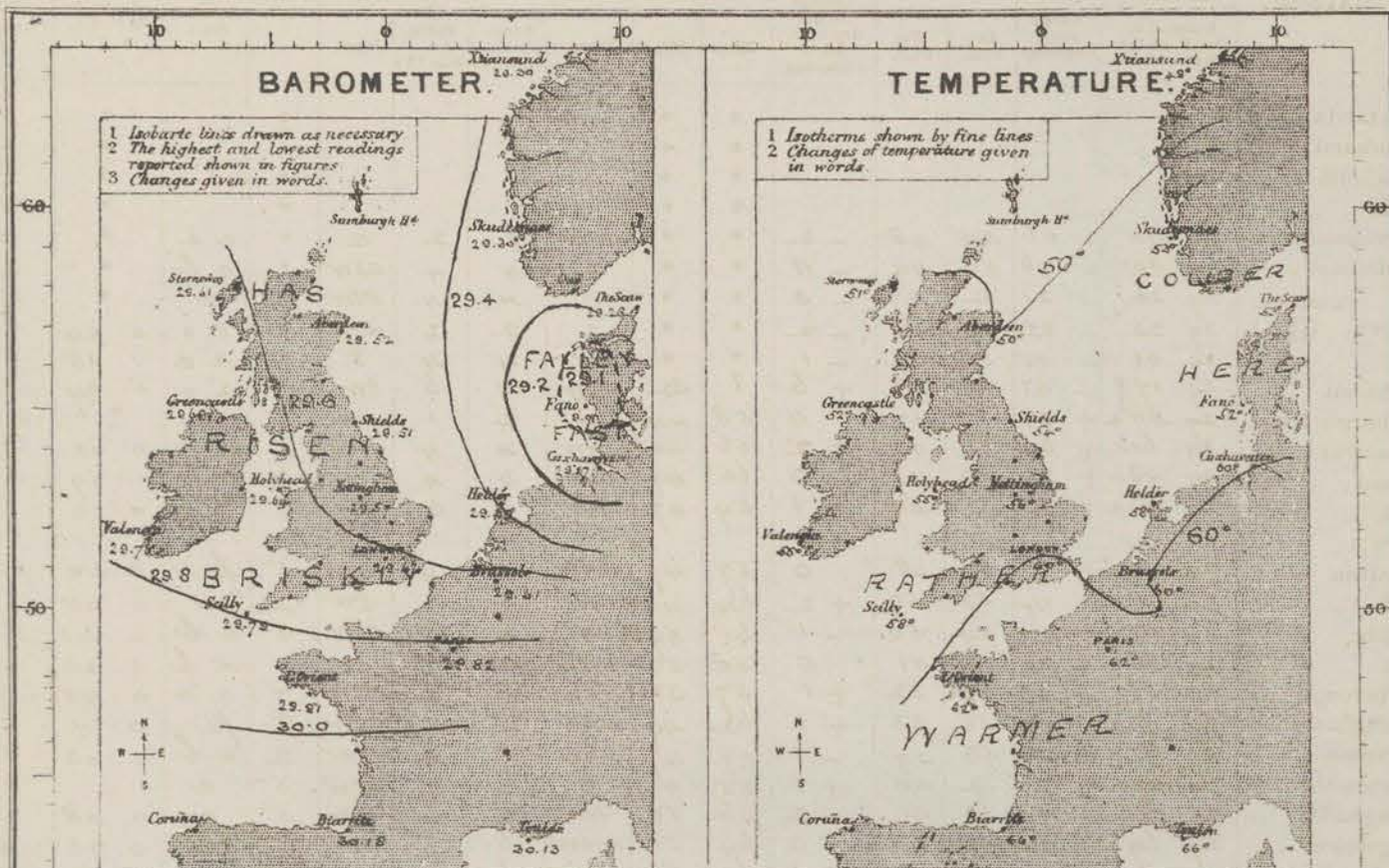
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS

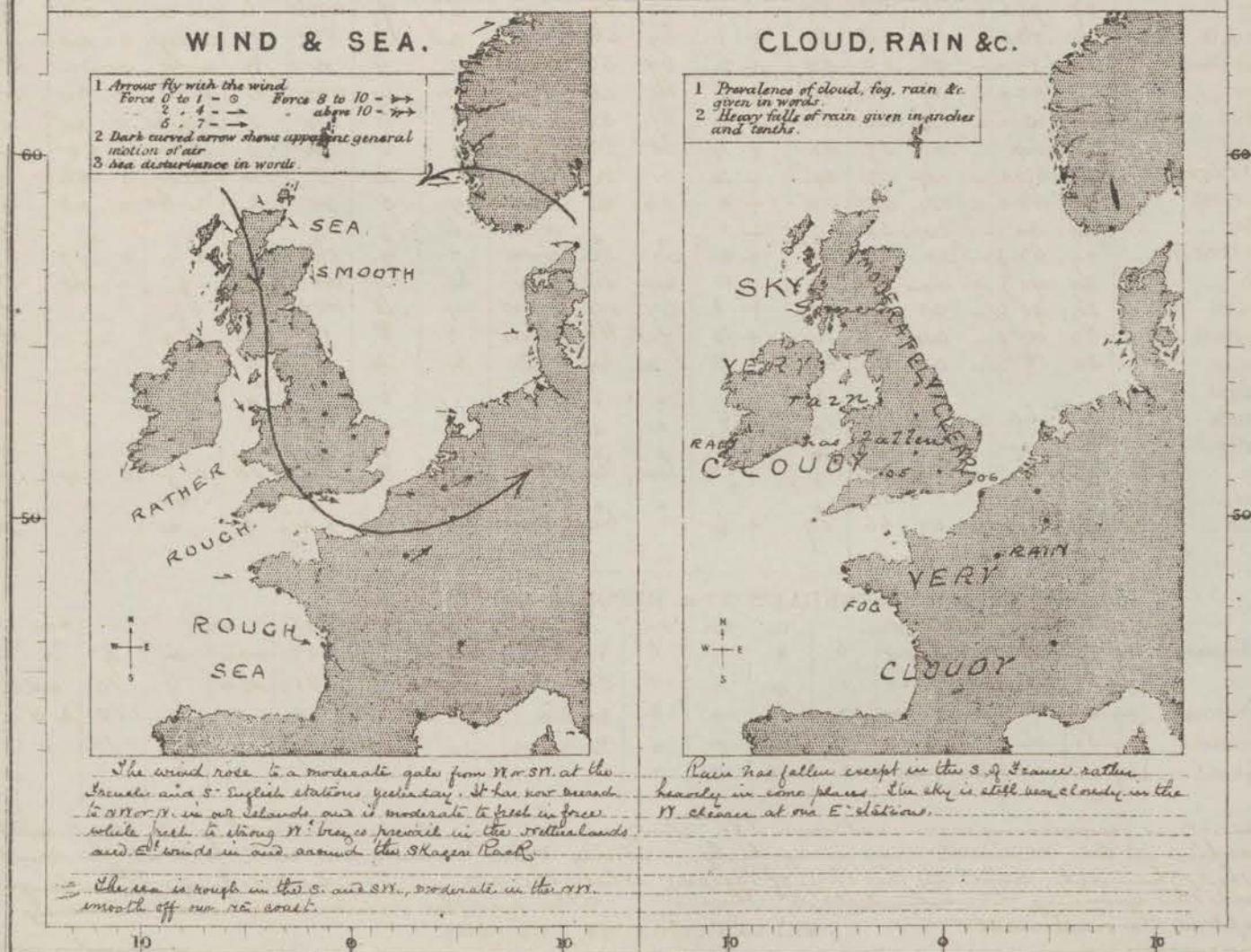
AND REMARKS FOR

SATUR - DAY SEPT 12TH 1874 AT 8 A.M.



A brisk recovery of pressure has now taken place in the British Isles especially in the N and N. while on the E. shore of the North Sea the mercury has fallen fast. The centre of a rather deep depression lies over Denmark and while the gradient from Shields to Land is 0.07 in. per 50 miles for N. winds that from Brussels to Land is 0.10 in. for N. to N.W. winds.

Temperatures have risen somewhat at all the S. stations but fallen in Denmark and the S. of Norway.



The wind rose to a moderate gale from N. or N.N. at the French and S. English stations yesterday. It has now reached to N. or N. in our Islands and is moderate to fresh in force while fresh to strong N. breezes prevail in the Netherlands and S. winds in our air around the Skagen Rock.

The sea is rough in the S. and S.W., moderate in the N.W. smooth off our N.E. coast.

Rain has fallen except in the S. of France rather heavily in some places. The sky is still very cloudy in the N. clearer at our E. stations.

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SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPTEMBER 6TH to SEPTEMBER 12TH 1874

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

On the first day of this week the barometer was lowest over Scandinavia but, by the next morning a recovery had taken place there, and the lowest readings were found to the NW^d of our Islands while the highest were over France. These general conditions continued until the 12th when a well defined depression had advanced to the Danish coast, and a brisk recovery had taken place over the NW of the British Isles. Some additional, but small, depressions have passed across the United Kingdom during the week. The wind was generally N^W or SW^W over our Islands until the 12th, when fresh to moderate N^W or NW^W winds were experienced. Temperature has changed very irregularly. A good deal of rain has fallen, the sky has been very cloudy generally, and thunderstorms have occurred in various places.

SEP^r 6TH — The mercury was rising along our E. coast and on the E. shores of the North Sea, but at the W. and S. stations, the fall noticed at the close of last week had continued. Over these Islands readings were very uniform, and the winds very light and variable; but from Scarborough to the Scaw there was a gradient of 0.05 in. per 50 miles, and fresh NW^W winds were reported over the North Sea, increasing to a gale at St. Hansund. Temperature had risen in the E. and S. but had fallen slightly elsewhere. The sky was cloudy generally, and rain was falling at our S. stations, and in the W. of Norway.

SEP^r 7TH — By 8 a.m. a recovery of pressure had taken place in the N. and S., and the fall noticed there on the previous day had passed on to Scotland. Over Scandinavia the rise continued, and gradient had become very slight everywhere. The W^W gale still held at St. Hansund, and moderate NW^W winds were felt all along that coast, but over our Islands and France very light N^W to S^W airs were experienced. Temperature had risen a little except in the neighbourhood of the Skagen Rack. The sky was very cloudy, but rain was no longer falling. During the day pressure continued to decrease slowly in the N. —

SEP^r 8TH — The barometer had again fallen at all but the Scandinavian stations. The highest readings still lay over France but the gradient from Paris to Stornoway was only 0.02 in. per 50 miles. The W^W gale had quite subsided in Norway and the wind had shifted to SE. there, but at our stations it continued from between N. and S, and was very light generally. The weather was rather colder on our W. coasts, but slightly warmer elsewhere. The sky continued very cloudy or overcast, and rain was falling in some places. By two p.m. pressure was giving way rather briskly in the N., with a freshening S^W wind.

SEP^r 9TH — A rapid fall of the barometer had taken place over our Islands, extending, though in a less degree, to the continental stations, and a well defined depression had advanced to our NW coasts; while a second, smaller one, lay over S. Wales. The lowest readings were found in the NW; but while the gradient from Rochefort to Portishead was 0.06 in. per 50 miles, that from Portishead to Stornoway was only 0.03 in. for the same distance. The winds were generally moderate in force; blowing from N. or NW. in the SW., and drawing through S, at the E., into SE. at the more W. stations. Temperature had increased somewhat in the SE., while it had fallen elsewhere. Rain was reported from various places, at some a large amount had fallen. The sky continued very cloudy.

SEPT 10th - From the more N stations, and especially from Norway, a further decrease of pressure was reported, while in the S. and SW. a recovery had set in. The depression noticed on the previous day still lay over our NW stations, and the wind over our islands and the North Sea circulated round it, being N^W in the S.; SW^W in the E.; S^W over Denmark and the S. of Norway and SE^W further to the N^W. In force it was fresh or moderate at all stations. In the N. of France NW^W winds were experienced. Temperature had again fallen, except in the SW. Thunderstorms had occurred in the S. parts of England, and at 8 a.m. the sky was moderately clear generally. In the course of the day the N^W wind increased to a moderate gale in the Bristol Channel, but the barometer was recovering steadily at all stations.

SEPT 11th - Pressure had increased at nearly all places, but during the previous night a sudden and rather brisk fall of the barometer had set in at the SW stations. The lowest reading still lay over our NW coasts, but gradients were steepest in the SW. Moderate to fresh S^W to SW^W winds were general, but blowing strongly at the mouth of the Channel, being affected by a small disturbance in that neighbourhood. Temperature was rather higher everywhere, but the sky had become overcast again and rain was falling in several places. During the day a slight rise of the barometer occurred in the SW, but the weather continued very unsettled.

SEPT 12th - A brisk rise of the barometer had occurred over the N. and N. of our islands, while on our E. coast and on the E. shores of the North Sea a fall had taken place. The decrease amounted to more than 5 of an inch over Denmark to which country a well defined depression had advanced during the night. The gradient from Shields to Laro was 0.07 in. and that from Brussels to Laro was 0.10 in. per 50 miles. The wind had veered to N. or NW. over these islands, while on the E. shores of the North Sea it circulated round the depression noticed above being N^W in the Netherlands; SW^W in N. Germany and E^W in the S. of Norway. In force it was moderate or fresh at all stations. Temperature had again risen over the British Isles and France. The sky continued cloudy in the N. but had cleared somewhat in the E. During the day the increase of pressure extended to the E. coast.

Sun-day 8 a.m.

WEATHER REPORT. September 13th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda	29.25	-.02	50	49	+2	*	*	S	4	2	SW	*	o	*	*
Hernösand	29.35	+.04	45	40	-3	*	*	NW	6	2	SW	*	cb	*	*
Stockholm	29.35	-.02	47	43	+5	*	*	NNW	6	4	NE	*	rc	*	*
Wisby	29.88	+.49	53	51	-3	*	*	N	6	2	S	*	oc	*	*
Christiansund	29.76	+.46	43	42	-6	*	*	NW	6	6	WNW	*	bo	*	7
Skudesnaes	29.82	+.52	48	45	-5	*	*	NNW	8	10	WNW	*	or	*	7
Oxö (X'tiansand)	29.67	+.41	51	45	-1	*	*	NNW	4	4	NNW	*	bc	*	12
Skagen (The Skaw)	29.66	+.41	53	50	0	*	*	NE	4	2	NNW	*	bc	0.04	*
Fanö	29.66	+.65	54	51	+2	*	*	NNW	6	4	NW	*	bc	0.32	*
Cuxhaven	29.812	+.64	58	53	-2	?	52	N	7	8	NW	5	rc	0.32	*
Sumburgh Head	30.012	+.61	46	43	-4	55	38	N	4	4	N	8	o	—	3
Stornoway (Hebrides)	30.132	+.52	46	45	-5	54	38	W	1	6	N	1	cb	0.02	2
Thurso	30.092	+.56	49	45	-1	56	46	N	2	5	NNE	8	ga	0.09	3
Wick	30.102	+.57	55	45	+4	56	38	NW	2	4	N	4	e	0.03	0
Nairn	30.142	-	49	46	-	56	43	Z	0	1	NE	0	ob	0.04	0
Aberdeen	30.122	+.60	50	46	0	58	45	NNW	4	5	NNW	5	e	0.01	2
Leith	30.192	+.62	56	52	+3	68	43	NW	3	3	NW	4	e	—	*
Shields	30.132	+.62	57	47	-3	58	46	N	3	3	N	3	b	—	4
York	30.092	+.53	54	48	+1	61	46	N	1	2	NW	4	bc	—	*
Scarborough	30.142	+.66	53	50	0	57	49	NNW	3	5	NNW	6	e	0.01	3
Nottingham	30.192	+.62	53	52	-3	65	41	NE	1	6	NNW	9	tm	—	*
Ardrossan	30.142	+.56	57	47	-2	61	48	NNW	2	3	WNW	2	cb	0.03	1
Greencastle	30.222	+.53	54	52	+2	57	50	NW	1	4	WNW	9	co	0.13	*
Donaghadee	30.192	+.55	53	50	0	60	50	SW	4	5	NW	8	c	0.01	2
Kingstown	30.232	+.54	52	49	0	60	51	W	3	6	WNW	9	co	—	3
Holyhead	30.162	+.52	58	53	0	59	54	NW	4	4	N	6	bc	—	3
Liverpool (Bidston Obs.)	30.152	+.56	52	51	-3	60	52	ESE	1	5	WNW	7	con	0.24	2
Valencia	30.282	+.52	57	53	+2	63	50	NE	2	3	NNE	2	b	—	2
Roche's Point	30.242	+.57	54	51	+1	60	48	NW	1	3	NNE	2	cb	0.12	3
Pembroke	30.202	+.57	53	52	0	59	57	NNW	1	3	N	5	bc	—	1
Portishead	30.162	+.52	60	56	+1	67	46	NE	2	4	N	5	gc	—	1
Scilly	30.232	+.44	56	54	-2	60	55	N	4	5	N	4	pc	0.04	4
Plymouth	30.182	+.45	52	50	-6	65	47	N	1	4	SW	0	pf	0.28	*
Hurst Castle	30.172	+.47	57	53	-3	68	47	N	2	3	WNW	1	cb	—	2
Dover	30.102	+.48	54	51	-6	65	49	NW	4	3	W	2	b	—	3
London	30.142	+.52	54	51	-6	66	43	WNW	1	3	WNW	5	orf	—	*
Oxford	30.15	+.57	49	48	-8	63	44	Z	0	4	W	0	cb	—	*
Cambridge	30.162	+.57	53	51	-4	63	45	N	1	2	NW	0	cb	—	*
Yarmouth	30.102	+.58	55	53	0	60	47	NNW	2	4	NNW	3	cb	0.01	4
Helder															
Cape Gris Nez	30.082	+.48	56	52	-4	66	55	N	3	7	WNW	3	ob	—	2
Brest	30.192	+.28	52	50	-8	63	50	NNE	3	4	W	0	fb	0.04	4
L'Orient	30.122	+.21	53	53	-9	66	52	NE	4	5	WNW	0	cb	—	3
Rochefort	30.072	-.02	69	54	-7	69	56	NE	3	9	WSW	10	ro	0.55	2
Biarritz	30.092	-.09	64	62	-2	70	63	E	1	5	W	10	o	0.16	4
Cornunna															
Brussels	30.04	+.43	54	*	-6	*	*	W	3	*	*	*	e	*	*
Charleville	30.05	+.31	48	*	-12	*	*	W	3	*	*	*	c	*	*
Paris	30.102	+.22	53	*	-9	68	49	W	1	?	?	0	f	—	*
Lyons	?	?	63	*	8	*	*	NW	7	*	*	*	fo	*	*
Toulon	29.94f	-.19	64	60	-2	73	60	NW	7	7	NE	4	bc	—	5

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...					*			Valencia ...	29.95	57	53	NNE	4	4	e	4	
Thurso ...	29.71	57	49	NNE	5	9	fg	4	Scilly ...	29.84	59	57	WNW	5	6	fo	5
Scarborough...	29.72	56	53	SSW	2	8	o	5	London ...	29.73	65	55	W	3	7	oc	*
Greencastle ...	29.85	57	53	WNW	3	6	c	*	Rochefort...	30.04	68	63	WSW	9	10	o	5
Holyhead ...	29.81	57	53	N	4	3	b	4									

The barometer continues to rise over our Islands, especially in the W. and N., but has fallen slightly at Rochefort. The wind is veering more to the N. in the W. and N. of Great Britain, but the weather does not appear settled.

EXPLANATION OF COLUMNS.

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

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

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

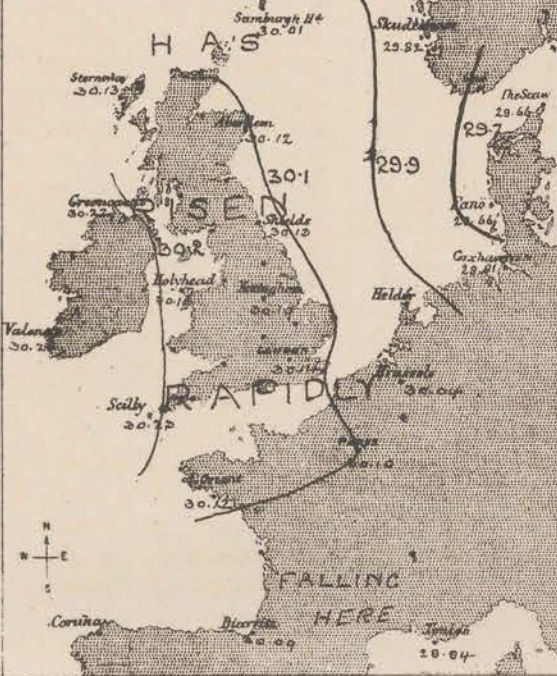
WEATHER CHARTS

AND REMARKS FOR

SUN-DAY SEP^R 13TH 1874 AT 8 A.M.

BAROMETER.

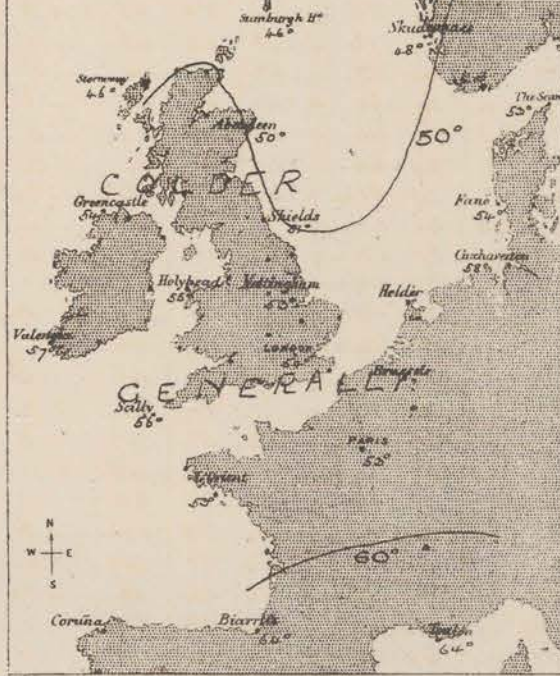
- 1 Isohyets lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hours a rapid rise of the barometer (exceeding 16 of an inch on our E coast) has taken place on all except the 8° French stations. Over these islands readings are very uniform but the gradient from Scarborough to Paris is 0.005 in. per 50 miles.

TEMPERATURE.

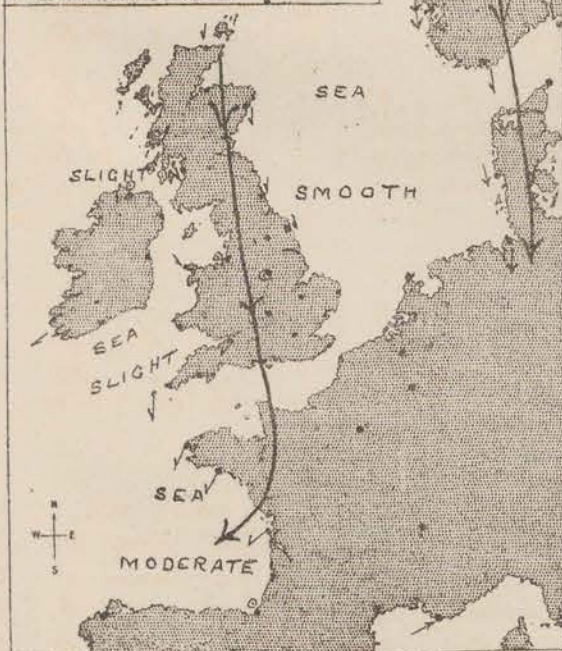
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen generally especially in France and the SE. of England.

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.



Westerly winds are now general over the British Isles and the North Sea drawing into N.E. over the Bay of Biscay. In force they are moderate over our islands and France but strong to a gale on the E. 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.



Aurora was seen at Sunning Head and Llandovery last night. Some rain has fallen in the N. and N.W. The sky is cloudy in the N. moderately clear elsewhere but fog or mist prevail in some places.

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.

Monday 8 a.m.

WEATHER REPORT. Sept^r 14th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.29	+0.04	46	46	-6	*	*	N	6	2	N	*	or	*	*
Hernösand ...	29.76	+0.41	44	37	-1	*	*	WNW	4	8	WNW	*	b	*	*
Stockholm ...	29.93	+0.58	44	38	-3	*	*	WNW	2	4	WNW	*	b	*	*
Wisby ...	30.12	+0.24	49	45	-4	*	*	N	4	6	N	*	b	*	*
Christiansund ...	29.96	+0.20	45	43	+2	*	*	S	4	8	WSW	*	ors	*	*
Skudesnaes ...	30.15	+0.33	52	49	+4	*	*	SSE	4	6	NNW	*	co	*	4
Oxö (X'tiansand) ...	30.15	+0.48	46	41	-5	*	*	NNW	2	4	NNW	*	bc	*	1
Skagen (The Skaw) ...	30.12	+0.46	53	50	0	*	*	NW	2	2	W	*	bc	-	*
Fanö ...	30.22	+0.56	53	49	-1	*	*	NNW	6	6	NW	*	cb	-	*
Cuxhaven ...	30.27	+0.46	56	52	-2	?	52	N	5	6	NNW	8	o	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.84	-0.29	53	50	+7	?	38	SW	8	8	SW	10	u	0.05	8
Thurso ...	29.92	-0.17	51	49	+2	58	43	SW	2	2	NNW	8	co	-	2
Wick ...	29.93	-0.17	52	49	-3	57	47	SW	4	4	SW	5	c	-	2
Nairn ...	29.97	-0.17	54	49	+5	59	46	W	2	2	W	6	bc	-	1
Aberdeen ...	30.07	-0.05	48	46	-2	55	45	S	1	4	SSW	8	bo	-	1
Leith ...	30.14	-0.02	53	50	-3	63	40	WSW	4	2	SSW	6	bc	-	*
Shields ...	30.25	+0.12	48	45	-3	56	43	SSW	2	4	N	4	bc	-	4
York ...	30.36	+0.27	50	47	-4	61	46	S	1	1	N	3	cb	-	*
Scarborough ...	30.30	+0.13	51	49	-2	54	44	SSW	2	2	N	2	b	-	2
Nottingham ...	30.35	+0.16	53	50	0	?	?	SSE	2	?	NE	?	q	-	*
Ardrossan ...	30.15	-0.02	56	53	+5	60	51	SSW	4	4	SSW	6	bc	-	3
Greencastle ...	30.09	-0.13	52	49	-2	54	49	SSW	6	6	SSW	10	co	-	*
Donaghadee ...	30.14	-0.02	50	49	-3	59	47	SSW	3	4	SW	5	c	-	1
Kingstown ...	30.25	+0.02	53	50	+1	59	50	SE	2	3	W	5	oc	-	1
Holyhead ...	30.26	+0.10	55	48	0	60	49	SSW	2	3	NNW	6	bc	-	1
Liverpool (Bidston Obs.) ...	30.29	+0.14	57	48	-1	60	44	S	2	3	W	4	c	0.01	1
Valencia ...															
Roche's Point ...	30.25	+0.01	56	54	+2	62	47	SSW	5	5	SSW	6	bc	-	4
Pembroke ...	30.32	+0.12	55	53	0	60	50	SSW	2	2	N	5	bc	-	2
Portishead ...	30.35	+0.19	48	48	-12	60	43	Z	0	3	NE	10	cg	-	0
Scilly ...	30.35	+0.12	54	53	-2	59	50	SSW	2	4	NNE	3	cb	-	2
Plymouth ...	30.35	+0.17	52	51	0	65	45	Z	0	2	N	0	bc	-	*
Hurst Castle ...	30.38	+0.21	58	56	+1	68	49	SW	2	2	SW	4	bc	-	2
Dover ...	30.38	+0.18	58	53	+4	61	51	Z	0	4	E	3	b	-	0
London ...	30.38	+0.24	54	52	0	63	43	Z	0	1	ENE	10	fb	-	*
Oxford ...	30.36	+0.21	53	52	+4	63	46	SSE	1	1	SSE	0	bc	-	*
Cambridge ...	30.39	+0.23	52	49	-1	61	42	?SSW	1	1	N	?	cb	-	*
Yarmouth ...	30.39	+0.29	49	48	-4	59	43	WNW	1	3	NNW	3	bc	-	3
Helder ...	30.35	-	54	*	-	*	*	W	2	*	*	*	*	-	2
Cape Gris Nez ...	30.37	+0.19	53	50	-3	64	50	SE	1	3	N	4	bc	-	1
Brest ...	30.34	+0.15	52	52	0	65	49	E	3	4	NE	6	bc	-	3
L'Orient ...	30.33	+0.21	52	52	-1	70	51	E	3	4	NW	4	bc	-	2
Rocheport ...	30.29	+0.22	55	50	-4	41	53	ESE	4	4	NW	0	cb	-	3
Biarritz ...	30.27	+0.18	55	53	-9	71	54	E	4	3	NE	0	rf	0.39	3
Corunna ...			*	*		*	*		*	*	*	*	*	-	*
Brussels ...	30.27	+0.23	52	*	-2	*	*	NW	3	*	*	*	c	-	*
Charleville ...	30.38	+0.33	45	*	-3	*	*	?	?	*	*	*	c	-	*
Paris ...	30.39	+0.29	52	*	-1	64	48	NE	5	4	N	0	cb	-	*
Lyons ...	?	?	59	*	-4	*	*	N	3	*	*	*	b	-	*
Toulon ...	30.02	+0.08	61	61	-3	72	58	E	5	8	NW	9	or	0.08	5

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

Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.
Skudesnaes ...	30.01	50	44	NNW	8	*	Valencia ...						
Thurso ...							Scilly ...						
Scarborough ...							London ...						*
Greencastle ...						*	Rocheport ...	30.15	67	60	ESE	3	6 c 3
Holyhead ...													

EXPLANATION OF COLUMNS.

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

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

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

WEATHER CHARTS

AND REMARKS FOR

MON - DAY SEPT 14TH 1874 AT 8 A.M.

BAROMETER.

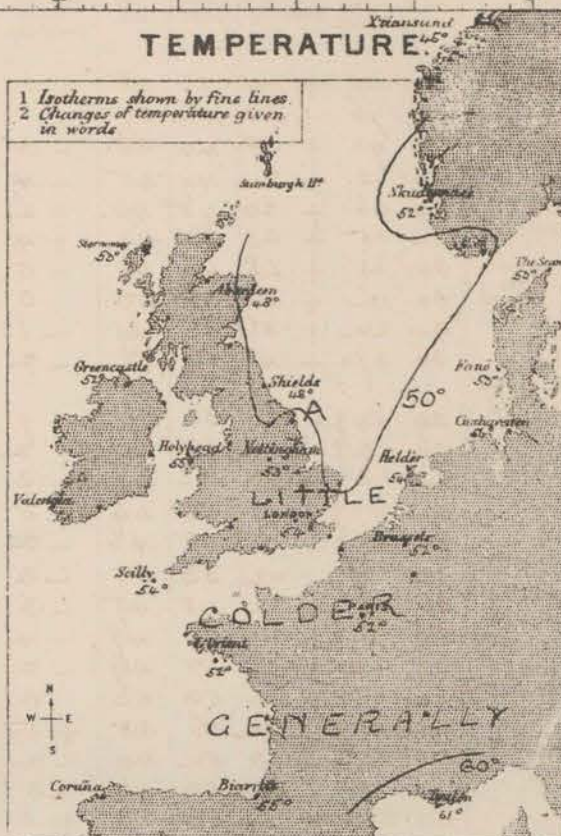
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Yesterday morning the barometer had risen rapidly in all parts of the British Isles and thus neighbouring land; but since then a brisk fall has set in on our N. and N. coast, while in the S. the rise has continued. Readings are uniformly high over the S. stations but the gradient from South to S.W. is 0.11 in. per 50 miles.

TEMPERATURE.

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



Temperature has changed very irregularly since Saturday. Early yesterday morning it fell as low as 52° on the coast in London. It is now rising in the N. and N. of Scotland.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 2 to 10 - 2, Force 11 to 15 - 3, Force 16 to 20 - 4, Force 21 to 25 - 5, Force 26 to 30 - 6, Force 31 to 35 - 7, Force 36 to 40 - 8, Force 41 to 45 - 9, Force 46 to 50 - 10, Force 51 to 55 - 11, Force 56 to 60 - 12, Force 61 to 65 - 13, Force 66 to 70 - 14, Force 71 to 75 - 15, Force 76 to 80 - 16, Force 81 to 85 - 17, Force 86 to 90 - 18, Force 91 to 95 - 19, Force 96 to 100 - 20.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Moderate E. breeze now prevails at the Scotch stations. Calms in the S. of England and S.W. winds on our N. and N. coast - attaining the force of a fresh gale at Sumburgh. The sea is moderate to smooth except at Sumburgh.

CLOUD, RAIN &c.

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



A little rain has fallen at Sumburgh and Sinesport during the past 24 hours. The sky is very cloudy except in the S.

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

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

Tuesday 8 a.m.

WEATHER REPORT. Sept 15th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. — (0 to 12.)	Force. — (0 to 12.)	Direc.				
Haparanda ...	29.66	+ 37	38	36	- 8	*	*	SE	2	1	N	*	bc	*	*
Hernösand ...	29.58	- 18	47	44	+ 3	*	*	SW	2	0	Z	*	bo	*	*
Stockholm ...	29.84	- 09	50	48	+ 6	*	*	SW	4	4	W	*	br	*	*
Wisby ...	29.78	- 34	53	51	+ 4	*	*	SW	4	10	NW	*	cor	*	*
Christiansund ...	29.43	- 53	?	?	?	*	*	?	?	0	Z	*	o	*	?
Skudesnaes ...	29.71	- 45	55	55	+ 3	*	*	SSW	8	8	SSW	*	r	*	7
Oxö (Christiansand) ...	29.85	- 30	56	55	+ 10	*	*	SW	6	6	WSW	*	or	*	3
Skagen (The Skaw) ...	29.91	- 21	57	56	+ 4	*	*	WSW	8	4	W	*	o	—	*
Fanö ...	30.08	- 14	60	57	+ 7	*	*	SW	6	4	SW	*	cb	—	*
Cuxhaven ...	30.23 f	- 04	50	49	- 6	58	?	SW	3	3	W	3	cb	—	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.50 f	- 34	54	53	+ 1	57	50	WSW	6	11	SW	9	rw	0.58	7
Thurso ...	29.49 f	- 43	56	55	+ 5	62	57	?	2	6	S	4	ge	0.17	2
Wick ...	29.50 f	- 43	57	54	+ 5	57	50	SW	5	6	SSW	6	rge	0.40	3
Nairn ...	29.57 f	- 40	59	57	+ 5	61	53	WSW	2	7	W	5	e	0.03	2
Aberdeen ...	29.62 f	- 45	60	57	+ 12	60	48	SSW	7	8	SSW	7	ge	0.18	2
Leith ...	29.75 f	- 42	60	58	+ 7	63	53	WSW	5	7	WSW	8	eo	—	*
Shields ...	29.91 f	- 34	57	55	+ 9	60	46	SW	6	7	W	8	o	—	2
York ...	30.08 f	- 28	56	52	+ 6	64	48	S	1	3	WSW	3	cb	—	*
Scarborough ...	29.98 f	- 32	57	53	+ 6	61	50	SW	5	4	SW	4	e	—	4
Nottingham ...	30.12 f	- 23	56	57	+ 3	67	48	S	5	5	SSW	1	bw	—	*
Ardrossan ...	29.76 f	- 39	58	57	+ 2	59	55	SSW	6	6	S	9	pr	0.05	5
Greencastle ...	29.76 f	- 35	59	58	+ 7	59	52	W	2	7	SSW	10	gr	0.33	*
Donaghadee ...	29.82 f	- 35	58	57	+ 8	61	50	S	6	7	S	9	eo	—	4
Kingstown ...	29.94 f	- 31	62	57	+ 9	64	53	S	5	5	SW	9	e	—	3
Holyhead ...	30.01 f	- 25	58	57	+ 3	61	54	SSW	6	6	SSW	7	cm	—	4
Liverpool (Bidston Obs.) ...	30.04 f	- 25	60	54	+ 9	64	52	SSE	2	5	SW	7	e	—	2
Valencia ...	29.95 f	- 24	59	55	+ 3	63	56	SW	6	6	SW	9	r	0.32	5
Roche's Point ...	29.99 f	- 26	58	57	+ 2	62	55	SSW	5	5	SSW	9	efg	0.08	4
Pembroke ...	30.11 f	- 21	59	57	+ 4	59	53	SW	6	5	SW	8	cu	—	4
Portishead ...	30.17 f	- 18	54	52	+ 6	69	46	S	4	3	SSE	10	cu	—	2
Scilly ...	30.17 f	- 18	59	58	+ 5	62	53	SSW	5	5	SSW	5	e	—	4
Plymouth ...	30.20 f	- 15	52	51	0	64	50	WSW	1	2	S	6	cm	—	*
Hurst Castle ...	30.23 f	- 15	59	56	+ 1	68	58	NW	2	4	SW	3	b	—	2
Dover ...	30.34 f	- 04	60	58	+ 2	62	53	SW	3	3	SW	2	b	—	3
London ...	30.21 f	- 17	61	57	+ 7	70	49	SW	2	3	SW	6	obc	—	*
Oxford ...	30.16 f	- 20	54	51	+ 7	67	49	SSW	2	3	SW	0	cb	—	*
Cambridge ...	30.18 f	- 21	55	53	+ 3	66	45	SW	1	1	SW	8	e	—	*
Yarmouth ...	30.18 f	- 21	57	55	+ 8	60	49	SW	3	4	S	2	cb	—	2
Helder ...	30.21 f	- 14	58	*	+ 4	63	*	?	6	*	*	*	*	—	4
Cape Gris Nez ...	30.24 f	- 13	52	48	- 1	63	50	SW	3	1	SW	4	e	—	2
Brest ...	30.29 f	- 05	55	53	+ 3	65	57	SE	3	3	ESE	1	b	—	3
L'Orient ...															
Rochefort ...	30.23 f	- 06	53	49	- 2	56	52	E	4	4	NE	0	b	—	3
Biarritz ...	30.17 f	- 10	54	52	- 1	?	49	SE	4	4	E	4	ef	—	3
Corunna ...															
Brussels ...	30.24	+ 07	50	*	- 2	*	*	N	3	*	*	*	b	*	*
Charleville ...	30.37	- 01	42	*	- 3	*	*	E	1	*	*	*	b	*	*
Paris ...	30.30 f	- 09	47	*	- 5	62	46	NNW	3	4	E	0	cb	—	*
Lyons ...	?	?	59	*	0	*	*	N	3	*	*	*	e	*	*
Toulon ...	30.18 f	+ 16	62	55	+ 1	69	54	NE	1	4	W	1	ob	—	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	30.06	55	57	S	6	*	0	6	Valencia ...	30.18	60	56	SSW	5	6	p	5
Thurso ...	29.67	53	57	S	6	10	d	3	Scilly ...	30.35	61	57	SSW	4	4	c	2
Scarborough...	30.20	61	54	SW	4	6	c	3	London ...	30.36	64	58	SSW	3	8	e	*
Greencastle ...	29.99	58	55	SSW	5	10	g	*	Rochefort...	30.31	72	60	NE	3	0	b	3
Holyhead ...	30.22	60	55	SSW	5	4	e	4									

Pressure continues to fall briskly at the N^W stations, but has changed very little indeed in the S^W. Such S^W winds are reported from our W^W stations, with showery weather at Valencia and Brest. While at Stornoway the wind has increased to a heavy gale from SW. At Valencia the sea is very rough and the wind is said to be from the N^W.

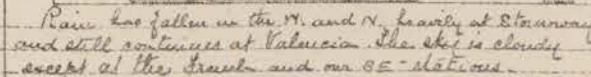
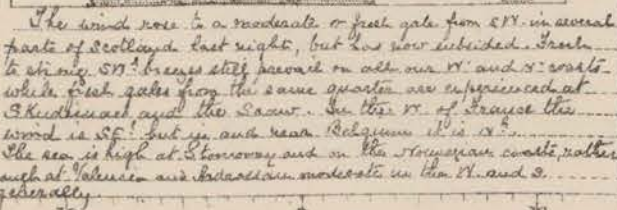
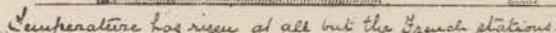
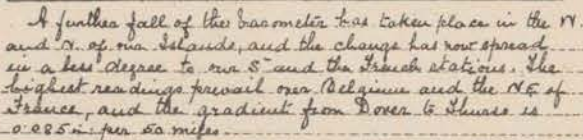
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BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds;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

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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 opposition direction.

1874 AT 8 A.M.



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

Wednesday 8 a.m.

WEATHER REPORT. Sept 16th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (in shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)					Direc.
Haparanda ...	29. 13	- 53	50	46	+ 12	*	*	SW	4	6	S	*	ob	*	*
Hernösand ...	29. 45	- 13	57	47	+ 4	*	*	S	2	2	S	*	ob	*	*
Stockholm ...	29. 65	- 19	60	55	+ 10	*	*	SW	6	8	SW	*	c	*	*
Wisby ...	29. 97	+ 19	54	54	+ 1	*	*	W	4	6	S	*	rc	*	*
Christiansund ...	29. 63	+ 20	46	44	?	*	*	W	8	10	SW	*	or	*	7
Skudesnaes ...	? 29. 91	+ 20	51	47	- 4	*	*	WSW	6	6	?	*	ob	*	16
Oxö (X'tiansand)	29. 88	+ 03	52	49	- 4	*	*	SW	4	10	W	*	rb	*	3
Skagen (The Skaw)	29. 97	+ 06	58	57	- 2	*	*	SW	2	4	SW	*	bc	—	*
Fanö ...	? 29. 82	- 26	59	56	- 1	*	*	WNW	6	3	WSW	*	ob	0.08	*
Cuxhaven ...	30. 04	- 19	55	52	+ 5	65	?	WSW	2	2	WSW	3	c	—	*
Sumburgh Head	29. 85	-	49	45	-	56	44	?	4	8	W	5	bc	0.03	? 5
Stornoway (Hebrides)	29. 95	+ 45	46	45	- 8	56	38	SW	1	7	W	3	pb	0.09	3
Thurso ...	29. 94	+ 45	47	45	- 9	62	45	SSW	2	5	W	7	pc	0.16	3
Wick ...	29. 96	+ 46	48	45	- 9	61	42	WNW	2	6	W	5	c	—	1
Nairn ...	30. 00	+ 43	49	45	- 10	65	44	WSW	1	2	WSW	6	bc	—	1
Aberdeen ...	29. 99	+ 37	47	44	- 13	65	42	W	1	7	SSW	2	cb	0.01	1
Leith ...	30. 05	+ 30	49	47	- 11	65	42	W	2	3	W	7	cw	0.03	*
Shields ...	30. 05	+ 14	49	47	- 8	65	46	WNW	3	7	SW	12	ob	—	2
York ...	? 30. 10	+ 02	53	49	- 3	62	49	W	1	2	SW	6	c	—	*
Scarborough ...	30. 05	+ 07	53	50	- 4	65	49	N	2	5	WSW	3	cb	—	2
Nottingham ...	30. 05	- 07	55	55	- 1	67	53	NNE	3	5	SSW	10	cd	0.02	*
Ardrossan ...	30. 05	+ 29	57	48	- 7	63	46	NE	1	6	SSW	8	co	0.08	0
Greencastle ...	30. 07	+ 31	57	49	- 8	58	49	NW	2	6	SW	10	fg	0.02	*
Donaghadee ...	30. 04	+ 22	48	47	- 10	64	45	WNW	2	6	S	8	c	0.01	2
Kingstown ...	30. 10	+ 16	54	51	- 8	65	53	NW	2	5	WSW	9	g	—	2
Holyhead ...	30. 04	+ 03	56	53	- 2	62	55	NNE	3	6	SSW	7	rno	0.06	2
Liverpool (Bidston Obs.)	30. 03	- 01	56	57	- 4	64	53	NNE	1	6	SW	110	o	—	1
Valencia ...	30. 10	+ 15	57	54	- 3	63	57	NNE	3	3	WNW	6	c	0.01	3
Roche's Point ...	30. 06	+ 07	58	56	0	64	57	N	4	5	SSW	7	mc	0.23	3
Pembroke ...	30. 01	- 10	57	56	- 2	62	56	Z	3	6	SW	9	dno	0.10	4
Portishead ...	30. 02	- 15	53	53	- 1	68	52	S	3	4	WSW	10	ob	0.09	1
Scilly ...	30. 02	- 15	59	58	0	65	58	Z	0	5	SSW	8	co	0.15	5
Plymouth ...	30. 04	- 16	59	59	+ 7	64	57	SSW	1	4	SW	10	mr	0.01	*
Hurst Castle ...	30. 05	- 18	62	60	+ 3	69	58	W	3	4	W	5	bc	—	2
Dover ...	30. 05	- 29	59	57	- 1	63	52	W	1	4	SW	7	bg	—	1
London ...	30. 05	- 16	62	58	+ 1	70	52	SSW	2	3	SW	5	obe	—	*
Oxford ...	30. 03	- 13	57	56	+ 3	65	54	S	1	3	SW	10	ow	0.01	*
Cambridge ...	30. 03	- 15	57	57	+ 2	65	53	SW	1	2	SW	10	cr	0.08	*
Yarmouth ...	30. 04	- 14	58	57	+ 1	68	55	WSW	1	4	SW	10	bf	—	2
Helder ...	30. 04	- 17	60	*	+ 2	*	*	SW	2	*	*	*	*	*	2
Cape Gris Nez ...	30. 06	- 18	60	58	+ 8	65	52	WSW	1	3	SW	9	co	—	1
Brest ...	? 30. 10	- 19	54	52	- 1	66	54	SE	3	3	SSW	11	b	—	2
L'Orient ...	30. 07	- 17	54	52	+ 1	69	57	E	3	3	NW	1	b	—	2
Rochefort ...	30. 02	- 21	55	52	+ 2	74	49	? E	3	4	ENE	10	bo	—	3
Biarritz ...	30. 05	- 12	61	57	+ 7	72	56	? SSE	4	4	N	5	cf	—	3
Corunna ...				*		*	*				*	*	*	*	*
Brussels ...	30. 06	- 28	62	*	+ 2	*	*	WSW	1	*	*	*	cf	*	*
Charleville ...	? 30. 14	- 23	41	*	- 1	*	*	W	3	*	*	*	bc	*	*
Paris ...	30. 11	- 19	54	*	+ 7	64	47	W	1	4	SSE	4	bc	—	*
Lyons ...	? 30. 11	- 19	57	*	- 2	*	*	N	3	*	*	*	b	*	*
Toulon ...	30. 11	- 07	60	53	- 2	73	59	Z	0	3	W	8	co	—	2

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

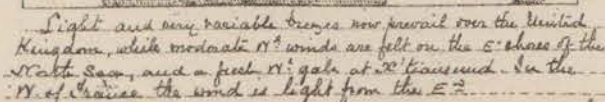
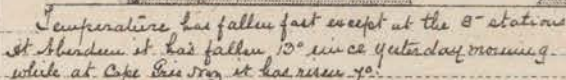
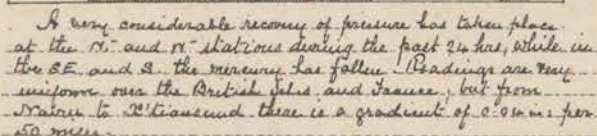
	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.
Skudesnaes ...	29.65	56	55	W	8	*	2	Valencia ...	30.04	60	58	WNW	3	6	c
Thurso ...	29.61	53	47	W	5	4	c	Scilly ...	30.16	62	61	SSW	5	6	c
Scarborough...	29.93	65	60	WSW	4	7	c	London ...	30.14	65	57	WSW	2	7	c
Greencastle ...	29.90	55	54	SSW	6	10	sw	Rochefort...	30.19	71	59	NNE	3	0	b
Holyhead ...	29.97	60	58	SSW	6	10	sw								

Pressure has increased to 10 in Ireland and Scotland, while it has decreased over France. The wind has veered to WNW at Valencia, with improved weather, but backed to SW at Newcastle, and increased to a strong breeze. The south coast has been in the N. to-day.

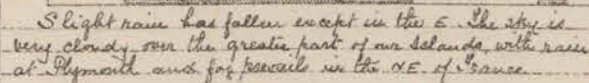
EXPLANATION OF COLUMNS.

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

1874 AT 8 A.M.



The sea is heavy rough off the N. coast of Norway, moderate off our S.W. coast smooth or nearly so elsewhere.



ROBERT H. SCOTT, Director.

Thurs. day 8 a.m.

WEATHER REPORT. *Sept 7th* 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. (0 to 12.)	Force. (0 to 12.)	Dir.				
Haparanda ...	29.65	+ .42	44	42	- 6	*	*	SW	6	6	SW	*	b	*	*
Hernösand ...	29.93	+ .48	38	37	- 13	*	*	SW	2	4	SW	*	bc	*	*
Stockholm ...	29.89	+ .24	46	46	- 14	*	*	SW	1	4	WSW	*	bc	*	*
Wisby ...	30.04	+ .07	54	50	0	*	*	NW	2	2	SW	*	bc	*	*
Christiansund ...	29.87	+ .18	47	43	+ 1	*	*	Y	0	4	WNW	*	o	*	6
Skudesnaes ...	29.83	- .08	49	46	- 2	*	*	SE	4	2	W	*	cr	*	3
Oxö (X'tiansand)	29.86	- .02	47	44	- 5	*	*	N	2	2	SW	*	bo	*	2
Skagen (The Skaw)	29.88	- .09	53	51	- 5	*	*	SW	1	2	SW	*	bo	-	*
Fanö ...	29.82	00	57	56	- 2	*	*	S	2	4	NE	*	op	-	*
Cuxhaven ...	29.84	- .20	56	55	+ 1	65	?	S	1	1	NE	5	b	-	*
Sumburgh Head	29.69	- .16	50	49	+ 1	53	46	WSW	4	4	WNW	5	c	-	3
Stornoway (Hebrides)	29.73	- .22	47	46	+ 1	54	40	SW	1	3	SW	5	pc	0.09	3
Thurso ...	29.74	- .20	48	47	+ 1	56	39	SSE	1	2	W	4	cb	0.01	2
Wick ...	29.74	- .22	49	46	+ 1	57	40	W	2	2	W	5	c	-	1
Nairn ...	29.79	- .21	50	47	+ 1	57	43	W	1	1	WSW	4	c	-	1
Aberdeen ...	29.82	- .17	47	43	0	55	38	WSW	1	1	W	0	ob	-	0
Leith ...	29.89	- .16	49	47	0	58	40	W	2	3	E	2	ob	-	*
Shields ...	29.89	- .16	47	45	- 2	55	45	WNW	3	4	ESE	3	cb	-	2
York ...	29.94	- .16	46	45	- 7	63	43	N	1	1	NNE	0	ob	0.14	*
Scarborough ...	29.89	- .16	49	48	- 4	56	48	NNW	2	1	NE	5	oc	0.12	3
Nottingham ...	29.94	- .11	52	52	- 3	56	48	NW	1	4	NNE	9	2nd	0.71	*
Ardrossan ...	29.89	- .16	53	51	+ 2	54	43	W	2	2	NE	5	c	0.01	1
Greencastle ...	29.83	- .14	57	49	0	53	47	WSW	3	3	WSW	5	oc	0.01	*
Donaghadee ...	29.92	- .12	48	47	0	56	42	W	2	3	NW	4	c	-	1
Kingstown ...	30.03	- .07	49	46	- 5	58	47	WNW	5	4	NNW	7	ond	-	4
Holyhead ...	29.97	- .07	53	49	- 3	59	53	NNW	3	3	N	4	c	-	3
Liverpool (Bidston Obs.)	29.94	- .09	53	49	- 3	57	50	NNW	2	3	NW	3	ob	-	1
Valencia ...	30.10	- .06	55	51	- 2	62	51	NW	3	3	NNE	6	c	-	3
Roche's Point...	30.06	00	49	47	- 9	59	47	NW	3	4	N	7	co	-	3
Pembroke ...	30.00	- .01	53	49	- 4	61	49	N	3	5	N	3	ow	-	1
Portishead ...	29.94	- .08	53	50	0	61	49	NNE	3	5	N	7	rc	0.62	2
Scilly ...	30.02	00	55	51	- 4	60	53	NNE	6	6	NNE	16	pc	0.16	5
Plymouth ...	29.96	- .08	58	57	- 1	61	50	N	1	3	SSW	4	rg	0.92	*
Hurst Castle ...	29.90	- .15	54	52	- 8	70	52	NNE	2	3	W	10	pg	0.03	2
Dover ...	29.85	- .20	59	57	0	64	54	WSW	2	6	SW	7	cg	-	1
London ...	29.90	- .15	53	51	- 9	71	57	NNW	1	2	SSW	10	og	-	*
Oxford ...	29.90	- .13	57	50	- 6	61	50	NW	2	2	NW	10	pd	0.44	*
Cambridge ...	29.87	- .16	57	50	- 6	62	48	N	1	1	SW	10	d	0.11	*
Yarmouth ...	29.83	- .21	58	57	0	64	56	WSW	1	2	S	8	ow	-	2
Helder ...	29.83	- .21	58	*	- 2	*	*	SW	3	*	*	*	*	-	2
Cape Gris Nez...	29.82	- .24	55	50	- 5	63	52	?	?	1	WSW	8	o	-	1
Brest ...	29.93	- .17	54	54	0	66	52	N	4	5	N	10	co	0.25	3
L'Orient ...	29.84	- .23	55	55	+ 1	70	53	ESE	1	3	WSW	8	co	-	2
Rocheport ...	29.89	- .13	62	55	+ 7	69	53	WSW	3	4	SSW	10	co	-	3
Biarritz ...	29.95	- .10	61	59	0	67	60	SW	4	4	S	10	co	-	3
Corunna ...															
Brussels ...	29.88	- .18	53	*	+ 1	*	*	Y	0	*	*	*	f	*	*
Charleville ...	29.94	- .20	45	*	+ 4	*	*	SSE	1	*	*	*	fg	*	*
Paris ...	29.89	- .22	65	*	+ 11	65	54	SE	1	3	N	8	ow	-	*
Lyons ...	?	?	63	*	+ 6	*	*	SE	1	*	*	*	b	-	*
Toulon ...	30.10	- .01	58	58	- 2	66	56	NE	3	2	SW	10	ond	0.57	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.96	53	48	W	4	*	C	4	Valencia ...	30.11	55	57	NNE	3	7	C	3
Thurso ...	29.92	53	47	N	1	8	O	3	Scilly ...	29.99	60	59	N	2	9	6	5
Scarborough...	30.01	54	57	E	1	10	O	2	London ...	29.98	65	59	WSW	1	10	C	*
Greencastle ...	30.03	54	50	SW	2	9	O	*	Rocheport...	30.02	77	60	E	4	6	C	3
Holyhead ...	30.02	58	52	N	3	5	C	2									

Pressure has decreased slightly at almost all stations. The winds continued very light and variable, with cloudy or overcast weather.

EXPLANATION OF COLUMNS.

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

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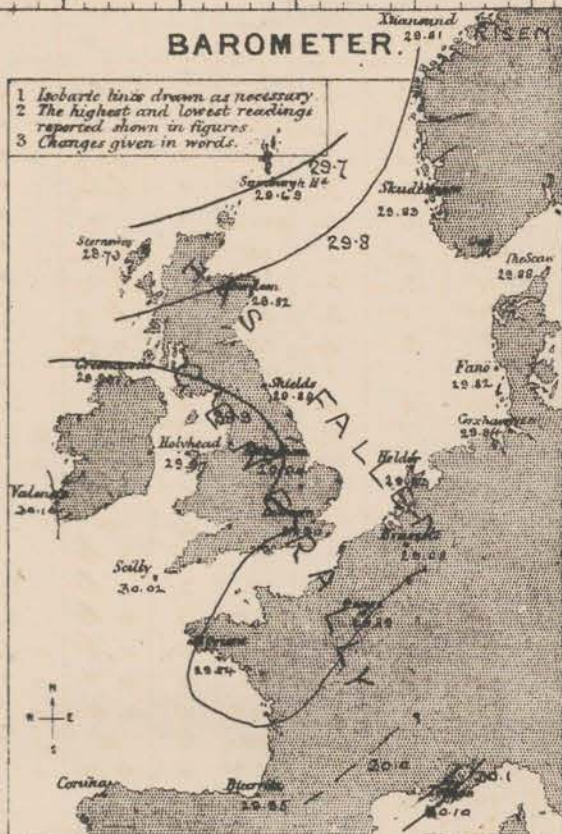
WEATHER CHARTS

AND REMARKS FOR

THURS-DAY SEPT 17TH 1874 AT 8 A.M.

BAROMETER.

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

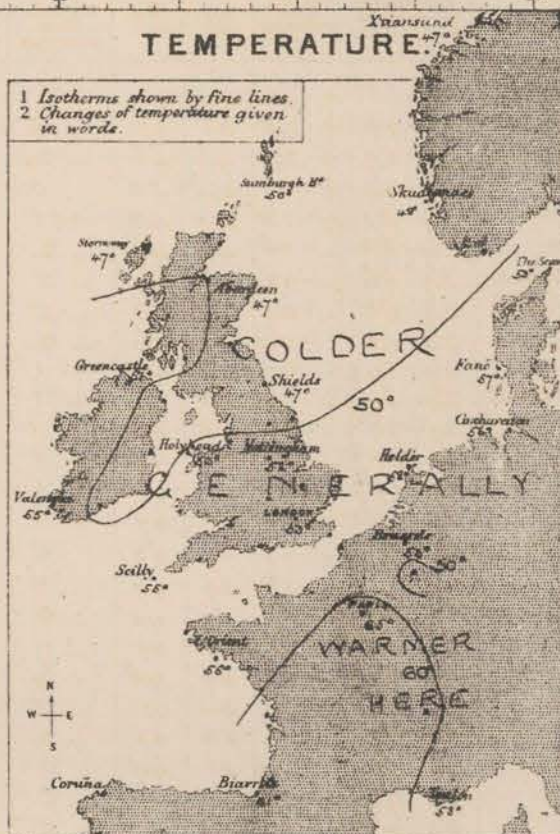


The barometer has now fallen somewhat except at St. John's and in the S. of Ireland. The change though not large has been very irregular. Readings are lowest to the N. of our Islands but there is also a shallow local depression lying over the N. and N.E. of France. The following gradients prevail:

From London to Paris 0.02 in. per 50 miles for S.W. winds.
Valencia to Barcelona 0.03 in. for N.W.
St. Louis to Sumburg 0.04 in. for N.

TEMPERATURE.

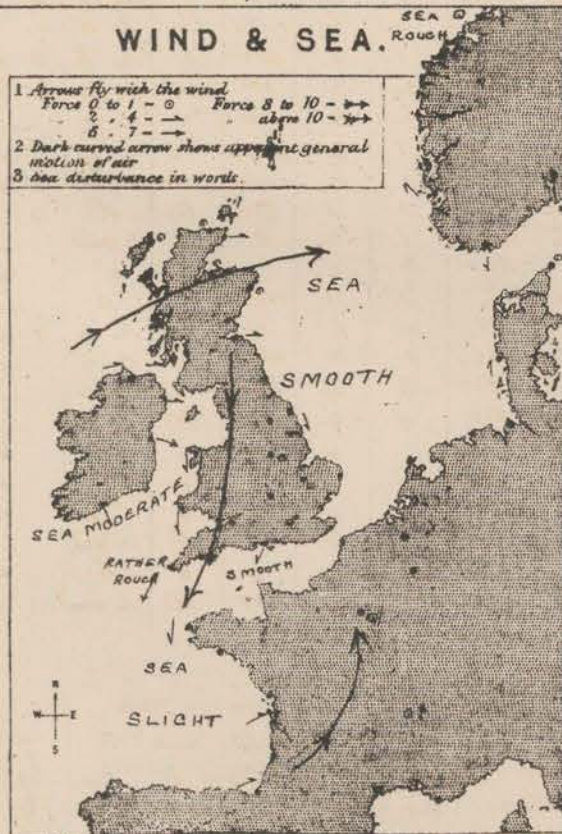
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen considerably in England the E. of Ireland and the S. of Norway, risen in most other places especially over France. Paris is 14° warmer than Oxford.

WIND & SEA.

- 1 Arrows for 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 winds are very variable. They are light from the N. at the N. stations, from N.W. on Ireland and England fresh from S.W. at the mouth of the Channel and light from N.W. to S.W. in France.

The sea is moderate to smooth, except at Scilly.

CLOUD, RAIN &c.

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



Aurora was seen at Wick last night. Rain has fallen in the N. of Scotland as well as in many parts of England. The sky is moderately clear in the N. and N.E. very cloudy elsewhere, with rain at Oxford and Cambridge, fog in the N.E. of France.

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

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

Dangerfield 15th 22 Bedford St. Covent Garden

Friday 8 a.m.

WEATHER REPORT. Sept^r 18th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.76	+ 11	48	46	+ 4	*	*	SW	2	2	SW	*	bc	*	*
Hernösand ...	29.66	- 27	47	47	+ 9	*	*	SE	2	0	Z	*	or	*	*
Stockholm ...	29.63	- 26	57	57	+ 5	*	*	S	4	2	SW	*	of	*	*
Wisby ...	29.85	- 19	55	54	+ 1	*	*	S	2	2	S	*	- 2	*	*
Christiansund ...	29.57	- 30	45	41	- 2	*	*	E	4	0	Z	*	eb	*	3
Skudesnaes ...	29.43	- 40	57	50	+ 2	*	*	SE	6	?	SSE	*	- 2	*	4
Oxö (X'iansand)	29.58	- 26	48	47	+ 1	*	*	? NE	2	2	ENE	*	20	*	2
Skagen (The Skaw)	29.57	- 31	54	53	+ 1	*	*	NW	8	8	SE	*	20	0.12	*
Fanö ...	29.71	- 11	56	57	- 1	*	*	W	4	2	SW	*	c	-	*
Cuxhaven ...	29.813	- 03	57	54	+ 1	64	?	WSW	3	1	SW	2	b	-	*
Sumburgh Head	29.178	- 52	50	50	0	55	46	WNW	4	6	S	?	er	0.37	3
Stornoway (Hebrides)	29.542	- 19	48	47	+ 1	52	45	NW	2	6	SW	2	20	0.31	4
Thurso ...	29.398	- 35	52	49	+ 4	?	47	WNW	6	5	W	8	20	0.16	5
Wick ...	29.398	- 35	57	48	+ 2	56	48	WNW	5	6	WNW	5	9c	0.07	2
Nairn ...	29.552	- 24	52	49	+ 2	57	49	WNW	2	2	W	2	ob	0.08	1
Aberdeen ...	29.578	- 31	54	49	+ 7	58	47	WNW	2	3	S	7	c	0.07	1
Leith ...	29.638	- 26	54	57	+ 5	63	48	W	4	6	W	5	c	-	*
Shields ...	29.698	- 20	54	52	+ 7	58	40	W	5	5	WNW	4	c	0.01	2
York ...	29.878	- 13	55	52	+ 9	60	45	WSW	2	2	WSW	6	c	0.02	*
Scarborough ...	29.672	- 22	53	57	+ 4	64	49	SW	2	2	NNE	10	co	-	2
Nottingham ...	29.898	- 05	57	55	+ 5	62	46	W	4	4	NW	4	bc	-	*
Ardrossan ...	29.683	- 21	55	57	+ 2	59	53	WNW	6	7	W	5	cpq	0.07	4
Greencastle ...	29.782	- 15	53	57	+ 2	54	50	SW	4	16	SW	8	9b	0.20	*
Donaghadee ...	29.782	- 14	53	57	+ 5	58	47	W	3	4	S	5	c	-	2
Kingstown ...	29.902	- 13	54	50	+ 5	59	49	W	5	6	W	9	co	-	4
Holyhead ...	29.892	- 08	55	57	+ 2	58	52	W	4	5	W	6	c	-	3
Liverpool (Bidston Obs.)	29.858	- 09	54	57	+ 1	57	57	WSW	5	6	WSW	9	cp	0.03	2
Valencia ...	30.032	- 07	57	53	+ 2	60	52	NW	4	4	WNW	7	2c	0.02	4
Roche's Point...	29.992	- 05	53	50	+ 4	59	49	W	4	4	W	4	c	-	3
Pembroke ...	29.968	- 04	57	55	+ 4	57	52	WNW	4	4	W	10	fo	-	2
Portishead ...	29.952	- 01	58	56	+ 5	62	49	WNW	3	4	N	10	o	0.02	3
Scilly ...	30.063	- 04	58	55	+ 3	58	54	WNW	5	5	WNW	8	co	-	4
Plymouth ...	30.002	- 04	58	57	0	62	52	W	1	3	NNE	10	cf	0.01	*
Hurst Castle ...	29.992	- 09	59	57	+ 5	66	50	WNW	4	4	WNW	10	co	-	3
Dover ...	29.962	- 11	54	50	- 5	63	48	SW	3	2	NW	2	eb	-	3
London ...	29.952	- 05	56	53	+ 3	59	43	SW	1	1	NNW	9	oc	-	*
Oxford...	29.92	- 02	56	54	+ 5	59	45	WSW	1	2	NW	10	owd	-	*
Cambridge ...	29.902	- 03	55	52	+ 4	57	44	WSW	1	1	N	8	co	-	*
Yarmouth ...	29.882	- 05	50	49	- 8	60	45	WSW	2	4	NW	8	owd	0.01	2
Helder...	29.86	- 03	58	*	0	*	*	S	6	*	*	*	*	*	4
Cape Gris Nez...	29.972	- 15	55	50	0	64	54	WNW	4	1	NNE	1	ob	-	3
Brest ...	30.132	- 20	57	55	+ 3	60	57	W	3	5	N	10	o	-	3
L'Orient ...	30.122	- 28	52	50	- 3	68	48	SE	1	7	N	2	ob	-	1
Rochefort ...	30.082	- 19	55	57	- 7	69	55	N	4	5	SW	10	o	-	3
Biarritz ...	30.082	- 13	63	61	+ 2	68	61	NW	4	5	W	9	20	0.08	4
Corunna ...	30.00	+ 12	53	*	0	*	*	SW	3	*	*	*	o	*	*
Brussels ...	29.99	+ 05	52	*	+ 7	*	*	SSW	3	*	*	*	fb	*	*
Charleville ...	30.052	+ 16	56	*	- 9	67	52	W	3	4	WNW	0	c	-	*
Paris ...	?	?	64	*	+ 1	*	*	NE	3	*	*	*	c	*	*
Lyons ...	30.098	- 01	65	63	+ 7	71	58	Z	0	1	SE	5	c	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.73	53	50	SSE	2	*	c	3	Valencia ...	30.03	59	55	W	3	7	c
Thurso ...	29.62	55	48	SSW	3	8	o	3	Scilly ...	30.06	56	50	NNW	5	5	c
Scarborough...	29.86	52	48	NNE	2	5	c	2	London ...	29.91	57	53	NNW	1	10	90
Greencastle ...	29.81	54	52	SW	6	10	g	*	Rochefort...	29.93	68	57	SW	4	6	c
Holyhead ...	29.95	56	57	W	2	4	c	2								

Pressure has begun to recover in the S., but the decrease in the N. & W. continues. The wind is backing to W. & SW. at all the W. stations, and has freshened from the latter quarter at Greencastle.

EXPLANATION OF COLUMNS.

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

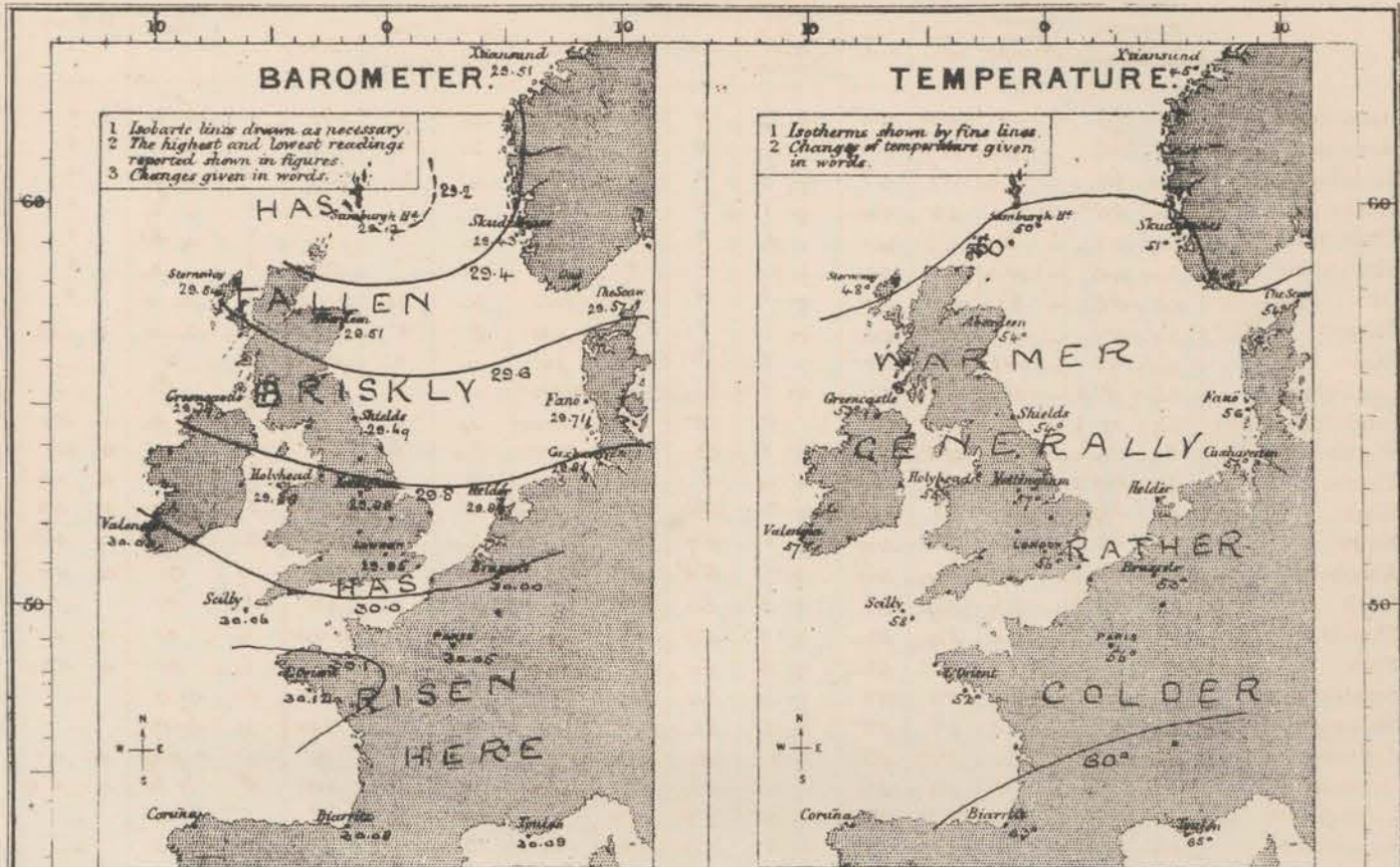
* AN ASTERISK is inserted in all places for which information is not usually received. The "extreme" wind for the Swedish, Norwegian and Danish Stations is an observation taken at 8 p.m.

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

WEATHER CHARTS

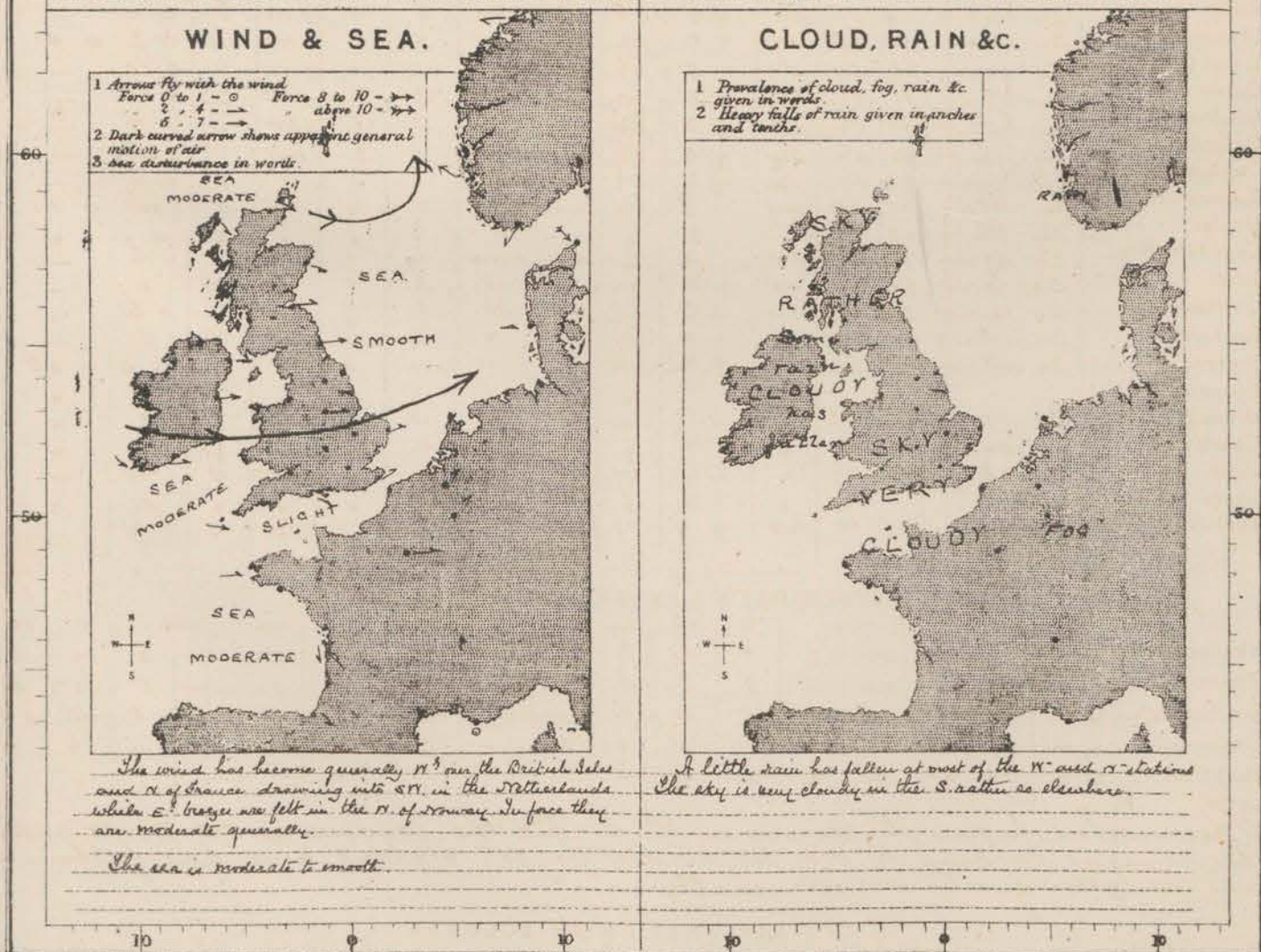
AND REMARKS FOR

FRI- DAY SEPT 18TH 1874 AT 8 A.M.



The barometer has fallen very briskly at the N. stations, while it has risen in the S. The highest readings now lie over the Bay of Biscay and the lowest in the neighbourhood of the Skutumpah Sea, the gradient from Valence to Shetland being 0.07 in. per 50 miles.

Temperatures has decreased over France and the SE of England, more elsewhere. In London, however, it was as low as 32° on the grass during the night.



The wind has become generally N. over the British Isles and N. of France, drawing into S.W. in the Netherlands, while E. breezes are felt in the N. of Norway. In force they are moderate generally.

The sea is moderate to smooth.

A little rain has fallen at west of the N. and N. stations. The sky is very cloudy in the S. rather so elsewhere.

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

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

Dangerfield, Lth. 22, Bedford St. Covent Garden

Saturday 8 a.m.

WEATHER REPORT. Sept 4 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)	Force. (0 to 12.)	Direc.				
Haparanda ...	29.36	-40	46	45	-2	*	*	E	2	2	E	*	r	*	*
Hernösand ...	29.42	-24	46	44	-1	*	*	WNW	2	2	ESE	*	rc	*	*
Stockholm ...	29.54	-09	57	50	0	*	*	SW	4	4	SSW	*	cr	*	*
Wisby ...	29.80	-05	54	57	-1	*	*	W	6	4	W	*	c	*	*
Christiansund ...	29.62	+11	48	47	+3	*	*	W	2	0	Z	*	bc	*	3
Skudesnaes ...	29.78	+35	52	49	+1	*	*	W	6	10	W	*	ro	*	5
Oxö (X'tiansand) ...	29.75	+17	53	49	+5	*	*	WSW	4	6	WSW	*	c	*	3
Skagen (The Skaw) ...	29.75	+18	55	57	+1	*	*	WNW	10	8	WNW	*	e	0.08	*
Fanö ...	29.93	+21	61	55	+5	*	*	WSW	2	6	W	*	cb	-	*
Cuxhaven ...	30.02	+21	58	56	+1	?	54	WSW	3	6	WSW	3	cb	-	*
Sumburgh Head ...															
Stornoway (Hebrides) ...	29.45	-09	53	53	+5	54	47	SW	8	8	SW	10	d	0.06	7
Thurso ...	29.58	+19	52	57	0	65	47	S	2	7	WNW	9	po	0.17	3
Wick ...	29.61	+22	53	51	+2	66	46	W	2	7	NW	8	o	0.12	1
Nairn ...	29.62	+07	55	52	+3	58	50	W	1	2	WNW	8	co	0.01	1
Aberdeen ...	29.76	+25	50	49	-4	60	47	S	2	3	WNW	10	co	0.05	1
Leith ...	29.78	+15	56	53	+2	63	49	SW	4	5	WNW	8	bo	-	*
Shields ...	29.91	+22	49	48	-5	59	48	SW	2	7	W	8	com	-	2
York ...			51	57	-4	60	45	SSE	1	3	W	10	co	-	*
Scarborough ...	29.94	+27	53	57	0	59	45	SW	4	2	WNW	2	ob	-	3
Nottingham ...	30.03	+14	54	52	-3	63	43	SSW	1	4	W	3	com	-	*
Ardrossan ...	29.77	+09	56	49	+1	59	53	SSW	4	6	WNW	8	co	0.01	4
Greencastle ...	29.72	-06	54	53	+1	55	50	SW	6	6	SW	10	o	-	*
Donaghadee ...	29.79	+01	52	52	+1	60	48	S	5	5	S	10	co	0.01	3
Kingstown ...	29.90	+00	56	52	+2	61	54	SW	3	6	WNW	9	co	-	2
Holyhead ...	29.91	+02	57	54	+2	60	54	SW	4	4	WNW	6	e	-	3
Liverpool (Bidston Obs.) ...	29.94	+09	56	53	+2	58	50	S	2	6	W	?	e	0.05	1
Valencia ...	29.86	-17	57	55	0	60	54	SW	5	5	SW	9	pr	0.12	5
Roche's Point ...	29.94	-05	57	55	+4	62	49	SW	4	4	SW	9	o	-	3
Pembroke ...	29.99	+03	58	53	+1	59	56	WSW	3	4	W	3	co	-	2
Portishead ...	30.03	+08	55	53	-3	69	49	SSW	3	5	WNW	10	go	-	1
Scilly ...	30.06	00	58	56	0	61	56	WSW	4	5	WNW	7	lo	-	4
Plymouth ...	30.07	+07	56	56	-2	64	52	Z	0	2	NW	10	of	-	*
Hurst Castle ...	30.08	+09	60	58	+1	67	53	WSW	1	2	NNW	3	bo	-	2
Dover ...	30.10	+14	56	57	+2	62	47	WSW	2	3	WSW	0	cb	-	1
London ...	30.08	+13	54	57	-2	64	42	S	1	3	W	10	cb	-	*
Oxford ...	30.04	+12	54	57	-2	61	46	S	1	4	W	3	cb	-	*
Cambridge ...	30.06	+16	57	49	-4	60	42	S	1	1	SW	10	co	-	*
Yarmouth ...	30.07	+19	49	48	-1	60	45	WSW	2	3	W	4	gom	-	2
Helder ...	30.06	+20	58	*	0	*	*	WSW	2	*	*	*	*	-	2
Cape Gris Nez ...	30.10	+13	57	53	+2	62	54	WNW	3	4	WSW	10	o	-	2
Brest ...	30.15	+02	58	56	+1	63	55	S	1	4	W	9	o	-	3
L'Orient ...	30.12	00	55	55	+3	67	57	ESE	1	4	WNW	18	g	-	1
Rochefort ...	30.10	+02	55	57	0	67	50	NNE	3	5	NW	0	b	-	3
Biarritz ...	30.06	-02	60	58	-3	64	57	S	1	3	SW	10	cr	0.04	4
Corunna ...			*	*		*	*				*	*	*	*	*
Brussels ...	30.12	+12	55	*	+2	*	*	W	3	*	*	*	b	*	*
Charleville ...	30.15	+16	53	*	+1	*	*	SSE	3	*	*	*	e	*	*
Paris ...	30.15	+10	50	*	-6	65	48	?	?	?	?	8	-e	-	*
Lyons ...	?	?	?	*	?	?	?	NW	?	*	*	*	e	-	*
Toulon ...	30.11	+02	62	58	-3	71	60	N	4	4	NE	9	om	-	4

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.38	53	57	SW	8	*	2	6	Valencia ...	30.05	59	57	W	3	9	2	4
Thurso ...	29.59	54	49	WNW	6	?	9/6	5	Scilly ...	30.09	60	57	WNW	4	8	0	5
Scarborough...	29.82	58	54	WNW	2	9	0	2	London ...	29.98	62	54	W	3	8	0	*
Greencastle ...	29.89	55	52	WNW	5	8	0	*	Rochefort...	30.09	65	56	NNE	4	0	6	3
Holyhead ...	29.95	58	53	WNW	4	6	e	3									

Pressure is increasing generally - quickly in the north. The wind is veering towards NW throughout our Islands, and has freshened a little at Penzance.

EXPLANATION OF COLUMNS.

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

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

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

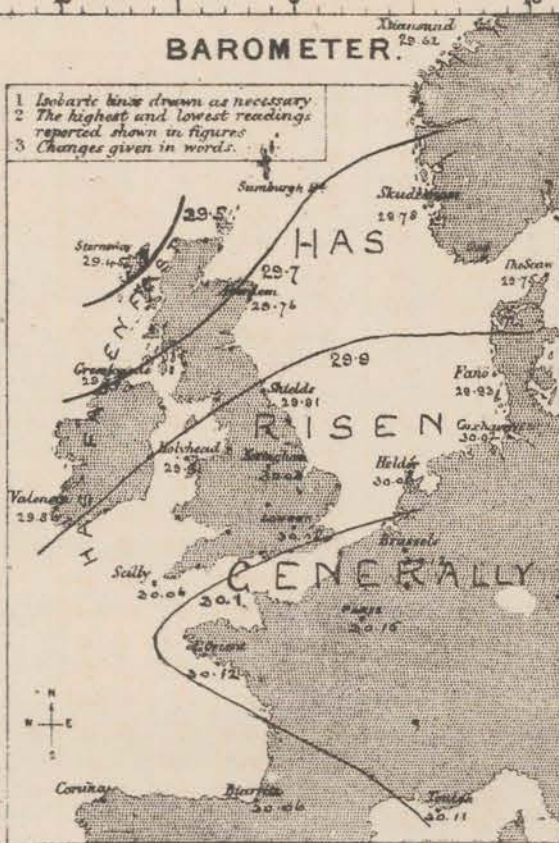
WEATHER CHARTS

AND REMARKS FOR

SATUR-DAY SEPT 19TH 1874 AT 8 A.M.

BAROMETER.

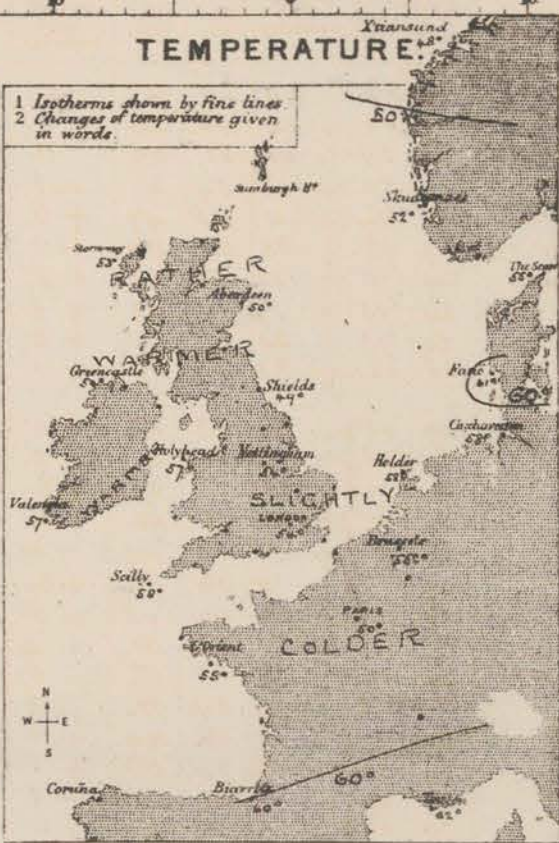
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



The barometer, after recovering briskly over the United Kingdom yesterday, has again begun to fall fast at our N. and N.E. stations during the night, and the change has already extended in a few degrees to London. The highest readings still lie over France, and the gradient from Dover to Stornoway is 0.655 in. per 50 miles.

TEMPERATURE.

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



Temperature has risen somewhat on our N. and N.E. coasts falls elsewhere. In London it fell to 52° in the shade and 52° on the grass during the night.

WIND & SEA.

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



The wind blew strongly from N.W. in Scotland as the depression noticed yesterday passed off. It has now backed to S.W. again over our islands, and though light to moderate in force in most places, blows a strong breeze at Newcastle and a fresh gale at Stornoway. At the same time a whole gale from N. is reported for France the wind is very light and variable.

The sea is high at Stornoway, moderate to small 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 has again become overcast in the N. and N.E. with rain at Stornoway and Valence. Elsewhere the weather is cloudy but dry.

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

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

Daguerfield, 12th, 22 Bedford St. Covent Garden.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPTEMBER 13TH to SEPTEMBER 19TH 1874.

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

On the 13th a rapid rise of the barometer was reported over our Islands, the lowest readings lay over Denmark and moderate N² winds prevailed over the United Kingdom and France; but by the next day a brisk fall had taken place in the N. and N., the wind had backed to SW. and a depression appeared off our NW. coast. This depression passed on to Norway during the next two days, and light SW² to N² winds were experienced. On the 17th the winds were very variable and readings rather uniform (though still lowest in the N.) but during the night a fresh depression had traversed the N. of Scotland and at 8 am, on the 18th, lay near the Shetland Isles. A brisk recovery of pressure took place after the passage of this depression, but by the morning of the 19th the mercury was again falling fast in the N. and N. Temperature has oscillated very considerably during this period. The sky has been generally cloudy and a good deal of rain has fallen.

SEPT 13TH - A rapid rise of the barometer had taken place at all but the extreme S-French stations, the change exceeding half an inch over the British Isles. Pressure was very uniformly above 30 inches over these Islands but from Scarborough to Land there was a gradient of 0.085 in. per 50 miles. Fresh to very strong N² winds were felt on the E-shores of the North Sea, and light to moderate N² breezes over our Islands, drawing into NE. in the Bay of Biscay. Temperature had fallen generally, more especially at the S and SE stations. In London it fell to 55° on the grass during the early morning. The sky was cloudy in the NW. but moderately clear elsewhere.

SEPT 14TH - At the S-stations the barometer continued to rise, while in the N. a brisk fall had set in. A large area of high pressure lay over the S. of England and N. of France, and the gradient from Louth to Stornoway was 0.11 in. per 50 miles. The wind had shifted to SW. again in the N. and N. reaching the force of a gale at Stornoway, while moderate E² breezes prevailed over France and the Bay of Biscay, and calms in the S. of England. Temperature had changed rather irregularly, but had again fallen in France. The sky was moderately clear except in the N. During the day the wind rose to a heavy gale at Stornoway, and the barometer still fell in the N. while it hardly changed elsewhere.

SEPT 15TH - The area of high pressure now lay over the Netherlands and NE. of France, whilst the fall noticed in the NW. on the previous day had continued and extended to all stations. The lowest readings were found off our NW. coast, and the gradient from Dover to Thurso is 0.086 in. per 50 miles. The wind continued SW² over our Islands and the North Sea, being fresh on our N. and N. coasts and strong to a gale in the S. of Norway and the Skager Rack. Light N² airs prevailed in Belgium, and SE² over the Bay of Biscay. The N² wind still kept the temperature down in the E. of France, but elsewhere a slight rise had taken place. Rain was falling in the NW. and at Valencia, but in the S. and SE. the sky was moderately clear. During the day the barometer rose again in the N. and N.

SEPT. 16TH - Over Scotland and Ireland the barometer had risen briskly, while in all other parts a fall had taken place. Readings were consequently very uniform over our Islands and France, so that very light and variable airs were experienced, but from Seith to St'tiansund there was a gradient of 0.04 in. per 50 miles, and moderate N^W breezes blew along the coasts of Norway and Denmark, amounting to a fresh N^W gale at St'tiansund. Temperature had fallen considerably at the N^W, but risen several degrees at the S^W stations. The sky was very cloudy except in the N. of Scotland, and fog prevailed in the N.E. of France. During the day pressure decreased slightly at most stations. Aurora was seen at Wick in the evening.

SEPT 17TH - A further fall of the barometer had occurred at all stations except St'tiansund and the S. of Ireland. The lowest readings lay off our NW coast, and at the same time a small local depression showed itself in the neighbourhood of La Vendée, but gradients were slight everywhere. The winds were very light generally; from the N^W over Scotland and from the N^W over England, but at Scilly a fresh NNE^W breeze was reported. Over France the wind blew from SW. to SE. being affected by the small depression noticed above. Temperature had fallen several degrees over England and the E. of Ireland, but had risen generally elsewhere, especially at Paris. The sky was moderately clear in the N. and N., very cloudy at all other places, and fog still prevailed in the N.E. of France. By 2 p.m. pressure was increasing slightly in the S., but continued to decrease in the N. and N.

SEPT 18TH - A rather brisk fall of the barometer had taken place at the N^W stations, while the rise noticed in the S. on the 17th had continued. A well defined depression lay between the Scotch and Norwegian coasts and the gradient from Valencia to Thuro was 0.07 in. per 50 miles. The wind was generally N^W over N^W Europe, drawing into SW. over the Netherlands, while an E^W breeze was experienced on the N. coast of Norway. In force it was moderate to fresh. Temperature had fallen over France and the SE of England. In London it reached 33° on the grass during the night. The sky was very cloudy in the S. moderately clear elsewhere. By the afternoon the barometer had recovered briskly in the N.

SEPT 19TH - The recovery noticed above had been very brief, for during the night the barometer had begun to fall quickly in the N. and N. The lowest readings lay off our NW coasts, and the highest over France; the gradient from Dover to Stornoway was 0.055 in. per 50 miles. The wind had backed to SW. again over our Islands, and though light in the E and S. blew strongly in the N. of Ireland, and a fresh gale at Stornoway. On the E^W shores of the North Sea it continued N^W and blew a whole gale at the Scaw. Temperature had risen generally, though very slightly, but in London it had been as low as 32° on the grass during the night. The sky had again become very cloudy every where, and the weather was wet at Valencia and Stornoway. During the morning the centre of a depression had reached the N. of Scotland, and a recovery was in progress at Stornoway -

Sunday 8 a.m.

WEATHER REPORT. September 20th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.73	+ .37	44	42	- 2	*	*	NW	4	2	S	*	0	*	*
Hernösand ...	29.80	+ .38	42	40	- 4	*	*	Z	0	0	Z	*	0	*	*
Stockholm ...	29.96	+ .42	51	50	0	*	*	W	4	4	WSW	*	0	*	*
Wisby ...	30.16	+ .36	54	54	0	*	*	?	?	4	W	*	0	*	*
Christiansund ...	29.53	- .09	56	50	+ 8	*	*	SE	2	2	ESE	*	0	*	4
Skudesnaes ...	29.81	+ .03	55	55	+ 3	*	*	S	2	6	SSW	*	0	*	5
Oxö (X'tiansand) ...	29.91	+ .16	57	55	+ 4	*	*	SW	6	6	SW	*	0	*	3
Skagen (The Skaw) ...	29.99	+ .24	54	53	- 1	*	*	WSW	2	4	SW	*	0	*	*
Fanö ...	30.02	+ .09	58	56	- 3	*	*	SSW	4	4	SSW	*	0	*	*
Cuxhaven ...	30.07	+ .06	53	52	- 5	64	?	S	1	1	W	3	0	*	*
Edinburgh Head ...	29.59	- .03	51	42	+ 1	55	49	WNW	2	5	ESE	10	0.15	0.15	4
Stornoway (Hebrides) ...	29.62	+ .17	50	50	- 3	58	47	N	1	10	SSW	10	0.26	0.26	2
Thurso ...	29.60	+ .12	50	49	- 2	63	49	Z	0	6	S	10	0.29	0.29	1
Wiek ...	29.70	+ .09	51	50	- 2	61	49	NE	2	4	W	10	0.13	0.13	1
Nairn ...	29.61	- .01	54	52	- 1	65	54	Z	0	6	W	10	0.00	0.00	1
Aberdeen ...	29.65	- .11	58	56	+ 8	59	50	S	2	4	S	4	0.00	0.00	1
Leith ...	29.68	- .10	61	58	+ 5	64	55	SW	4	5	SW	4	0.00	0.00	*
Shields ...	29.84	- .07	59	55	+ 10	62	51	WSW	4	6	WSW	3	0.00	0.00	1
York ...	29.91	- .07	57	53	+ 6	65	49	S	2	3	SW	6	0.00	0.00	*
Scarborough ...	29.87	- .07	59	55	+ 6	62	52	S	3	4	SW	9	0.00	0.00	2
Nottingham ...	29.91	- .12	58	55	+ 4	65	56	S	4	4	SSE	10	0.00	0.00	*
Ardrrossan ...	29.65	- .12	57	56	+ 1	58	56	SSW	5	6	SSW	9	0.20	0.20	4
Greencastle ...	29.65	- .07	54	53	0	57	51	NW	1	6	SW	10	0.34	0.34	*
Donaghadee ...	29.65	- .14	58	56	+ 4	66	54	S	6	6	S	8	0.07	0.07	4
Kingstown ...	29.72	- .18	58	55	+ 2	62	56	S	4	5	SSW	7	0.00	0.00	4
Holyhead ...	29.76	- .15	58	55	+ 1	62	54	SSW	4	5	SSW	7	0.00	0.00	3
Liverpool (Bidston Obs.) ...	29.82	- .12	56	52	0	64	53	SE	3	5	SW	10	0.00	0.00	2
Valencia ...	29.61	- .25	56	55	- 1	62	54	N	3	?	SW	9	0.67	0.67	3
Roche's Point ...	29.62	- .32	59	57	+ 2	62	56	S	6	7	S	9	0.00	0.00	4
Pembroke ...	29.81	- .18	58	54	0	61	48	S	4	4	SW	10	0.00	0.00	3
Portishead ...	29.92	- .11	60	56	+ 5	65	49	S	4	2	S	10	0.00	0.00	1
Scilly ...	29.82	- .24	59	56	+ 1	63	56	S	5	5	S	6	0.00	0.00	5
Plymouth ...	29.84	- .20	59	57	+ 3	63	56	SE	2	4	SW	10	0.02	0.02	*
Hurst Castle ...	29.93	- .15	61	59	+ 1	63	57	SSE	3	3	WSW	5	0.00	0.00	2
Dover ...	29.95	- .13	64	58	+ 10	69	51	SSW	3	4	SSW	10	0.00	0.00	*
Oxford ...	29.96	- .10	66	52	+ 5	65	50	SW	1	1	SW	10	0.00	0.00	*
Cambridge ...	29.96	- .10	66	52	+ 5	65	50	SW	1	1	SW	10	0.00	0.00	*
Yarmouth ...	30.00	- .07	57	55	+ 8	62	48	SW	1	2	SW	7	0.00	0.00	2
Helder ...	29.99	- .11	57	52	0	62	54	SSE	3	3	W	8	0.00	0.00	1
Cape Gris Nez ...	29.92	- .23	57	57	- 1	62	55	SE	4	4	SE	10	0.00	0.00	2
Brest ...	29.92	- .23	57	57	- 1	62	55	ENE	3	3	NW	3	0.00	0.00	?
L'Orient ...	29.89	- .21	62	60	+ 7	74	61	SSE	3	4	NNE	10	0.00	0.00	3
Rocheport ...	29.82	- .14	61	59	+ 1	66	59	SW	5	4	N	0	0.16	0.16	4
Corunna ...	30.03	- .09	57	*	- 4	*	*	W	3	*	*	*	0.00	0.00	*
Brussels ...	30.04	- .09	45	*	- 8	*	*	ESE	1	*	*	*	0.00	0.00	*
Charleville ...	29.98	- .17	53	*	+ 3	67	57	WNW	1	?	?	9	0.00	0.00	*
Paris ...	29.97	- .14	63	59	+ 1	68	60	E	8	7	E	10	0.16	0.16	6
Lyons ...	29.97	- .14	63	59	+ 1	68	60	E	8	7	E	10	0.16	0.16	6
Toulon ...	29.97	- .14	63	59	+ 1	68	60	E	8	7	E	10	0.16	0.16	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.85	55	50	SSW	6	*	0	4	Valencia ...	29.81	60	58	SSW	6	8	9	6
Thurso ...	29.50	62	57	SSW	4	7	c	3	Scilly ...	30.02	61	58	SW	5	4	c	5
Scarborough...	29.90	61	55	SW	3	5	c	2	London ...	30.04	64	56	WSW	2	10	bco	*
Greencastle ...	29.69	57	56	SW	5	10	g	*	Rocheport...	30.05	72	60	NNE	4	0	b	3
Holyhead ...	29.89	61	57	SSW	5	5	c	4									

A recovery of pressure has already set in at Stornoway, where the wind has veered to N, and moderate S.W. winds prevail. Elsewhere the mercury has continued to fall, and moderate S.W. winds prevail.

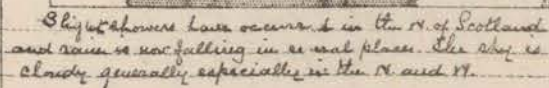
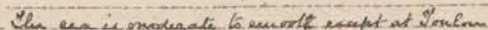
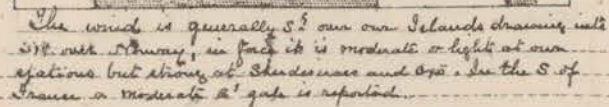
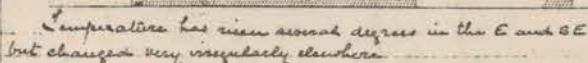
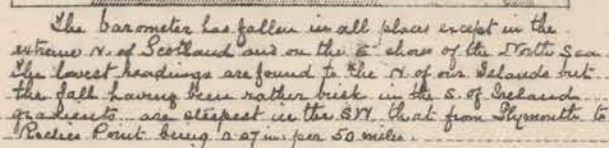
EXPLANATION OF COLUMNS.

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

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

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

SUN - DAY SEPT 20TH 1874 AT 8 A.M.



Dangerfield, Isb. 22 Bedford St. Covent Garden

Monday 8 a.m.

WEATHER REPORT. Sept 21st 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.66	-07	50	48	+6	*	*	SW	4	6	SW	*	0	*	*
Hernösand ...	29.87	+07	52	51	+10	*	*	SW	2	2	S	*	00	*	*
Stockholm ...	30.03	+07	56	53	+5	*	*	SW	4	4	SW	*	0	*	*
Wisby ...	30.21	+05	53	53	-1	*	*	S	2	2	W	*	06	*	*
Christiansund...	29.88	+35	47	46	-9	*	*	Z	0	6	W	*	20	*	?
Skudesnaes ...	29.91	+10	57	53	+2	*	*	SE	6	6	SSW	*	0	*	5
Oxö (X'tiansand)	29.95	+04	55	50	-2	*	*	ENE	2	4	SSW	*	08	*	2
Skagen (The Skaw)						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	29.88	-19	55	53	+2	72	?	SE	3	2	SSE	3	0	-	*
Sumburgh Head															
Stornoway (Hebrides.)	29.68	+06	49	49	+2	54	46	N	1	1	N	10	0.14	0.14	1
Thurso...	29.72	+12	52	52	+2	53	49	E	1	2	NE	10	0.10	0.10	1
Wick ...	29.69	-01	54	54	+3	54	50	NE	1	2	NE	7	0.06	0.06	1
Nairn ...	29.70	+09	53	57	-1	55	52	Z	0	?	E	14	0.04	0.04	0
Aberdeen ...	29.73	+08	56	54	-2	62	52	S	1	2	S	110	0.0	-	1
Leith ...	29.71	+03	55	54	-6	66	53	ENE	3	5	SW	8	0.0	-	*
Shields...	29.76	-08	55	55	-4	64	54	SE	1	4	SW	9	0.10	0.10	1
York ...	29.74	-17	56	55	-1	64	53	NNW	1	1	SE	10	0.05	0.05	*
Scarborough ...	29.72	-5	56	55	-3	63	55	SE	1	3	S	10	0.03	0.03	3
Nottingham ...	29.67	-24	59	58	+1	67	55	E	1	2	S	6	0.15	0.15	*
Ardrossan ...	29.65	+10	56	54	-1	59	53	NE	2	5	SSE	7	0.06	0.06	2
Greencastle ...	29.62	-03	50	49	-4	55	49	ENE	1	3	WNW	7	0.02	0.02	*
Donaghadee ...	29.61	-04	56	56	-2	61	54	E	3	6	S	110	0.0	-	2
Kingstown ...	29.59	-13	58	56	0	64	57	ESE	1	6	SSE	10	0.0	-	1
Holyhead ...	29.58	-18	58	57	0	64	57	E	3	4	SSW	7	0.0	-	3
Liverpool (Bidston Obs.)	29.61	-21	57	55	+1	62	55	E	2	5	ESE	110	0.01	0.01	1
Valencia ...	29.41	-20	56	53	0	59	53	SE	4	4	SE	6	0.90	0.90	4
Roche's Point...	29.46	-16	57	55	-1	62	55	SSE	4	6	S	7	0.22	0.22	4
Pembroke ...	29.59	-22	59	58	+1	61	50	ESE	3	3	NNW	18	0.0	-	3
Portishead ...	29.58	-34	60	58	0	67	53	E	1	2	ESE	10	0.01	0.01	1
Scilly ...	29.46	-36	58	56	-1	62	56	ESE	6	6	SSW	9	0.01	0.01	5
Plymouth ...	29.53	-34	61	60	+2	65	58	E	1	3	SE	10	0.0	-	*
Hurst Castle ...	29.61	-32	62	61	+1	67	60	SSE	2	3	ESE	7	0.01	0.01	1
Dover ...	29.70	-	62	60	-	66	60	SSE	2	2	ESE	3	0.01	0.01	1
London ...	29.66	-29	65	62	+1	73	58	SSE	1	4	SSW	7	0.01	0.01	*
Oxford...	29.62	-	61	59	-	69	57	Z	0	2	S	8	0.01	0.01	*
Cambridge ...	29.67	-29	61	59	+5	64	57	SE	1	1	SE	10	0.0	-	*
Yarmouth ...	29.73	-27	61	60	+4	62	57	SSE	3	4	SSE	6	0.0	-	4
Helder...	29.62	-	60	*	-	*	*	ESE	4	*	*	*	0.0	-	2
Cape Gris Nez...	29.76	-23	62	57	+5	70	56	S	3	3	ENE	8	0.0	0.0	3
Brest ...	29.58	-34	58	58	+1	76	55	SSE	4	4	SSE	10	0.07	0.07	3
L'Orient ...	29.54	-?	63	63	+9	67	55	S	3	4	S	?	0.0	0.0	2
Rocheport ...	29.68	-21	64	59	+2	75	58	S	7	3	SSE	6	0.0	0.0	3
Biarritz ...	29.75	-07	68	65	+7	79	61	SW	5	5	SW	4	0.16	0.16	3
Corunna ...						*	*					*	0.0	0.0	*
Brussels ...	29.79	-24	63	*	+12	*	*	S	3	*	*	*	0.0	0.0	*
Charleville ...	29.86	-18	59	*	+14	*	*	SE	6	*	*	*	0.0	0.0	*
Paris ...	29.77	-21	60	*	+7	74	59	SE	4	7	E	10	0.08	0.08	*
Lyons ...		-?	63	*	-3	*	*	S	1	*	*	*	0.0	0.0	*
Toulon...	30.06	+09	62	60	-1	64	58	E	5	8	E	9	1.06	1.06	4

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

Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.
Skudesnaes ...	29.86	57	54	SW	8	*	10	1					
Thurso ...													
Scarborough...													
Greencastle ...						*							
Holyhead ...													
Valencia ...													
Scilly ...													
London ...													
Rochefort...	29.83	75	64	WSW	1	10	0	3					

EXPLANATION OF COLUMNS.

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

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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 opposition direction.

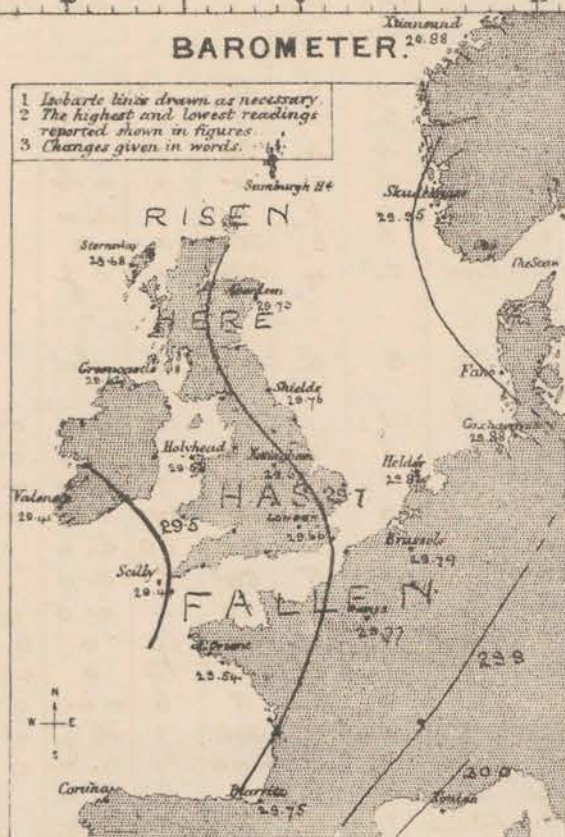
WEATHER CHARTS

AND REMARKS FOR

MON-DAY SEPT 21ST 1874 AT 8 A.M.

BAROMETER.

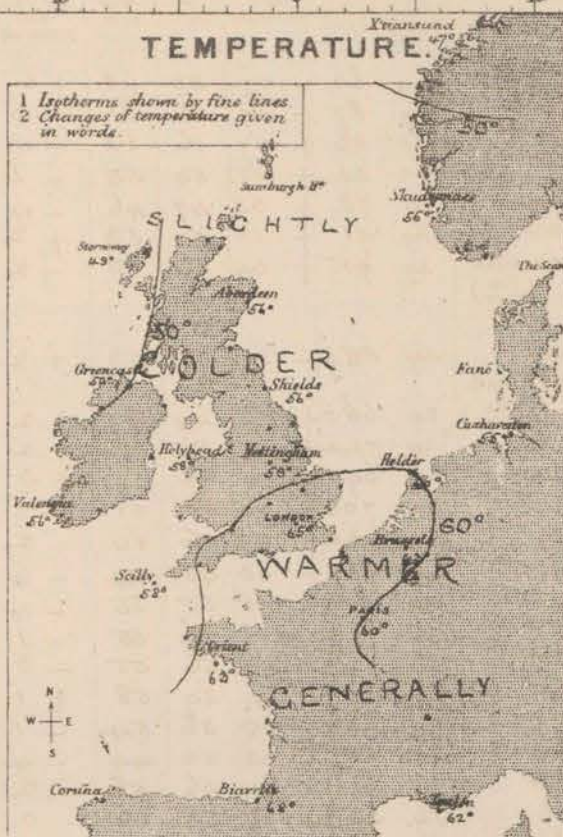
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



The barometer has again fallen at all but the most N. stations, where a slight rise has occurred. The lowest readings are found off our SW. coast and the gradient from Yarmouth to Scilly is 0.04 in favor of SE. winds.

TEMPERATURE.

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



A further increase in temperature is reported from the SE. stations this morning while it has decreased slightly in the N. In the neighborhood of Belgium the rise amounts to 1.5° in the past six hours.

WIND & SEA.

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



Very light winds are general. They are SSE at our SE. stations and E in the N. and N. while a moderate SW. breeze is reported from Biarritz.

The sea is slight or smooth except at Scilly.

CLOUD, RAIN & C.

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



Slight rain has fallen in most places. The sky is very cloudy generally, and rain still falls at the mouth of the Channel.

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

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

Tuesday 8 a.m.

WEATHER REPORT. Sept 22nd 1874.

STATIONS.	BAROMETER.		THERMOMETERS.				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ances. 0 to 9.	
	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.	Change in the dry bulb since yesterday.	Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
Haparanda ...	29.96	-30	42	39	-8	*	*	NW	2	2	NW	*	ob	*	*
Hernösand ...	29.97	+10	50	49	+2	*	*	Z	0	0	Z	*	bo	*	*
Stockholm ...	29.95	-08	54	53	-2	*	*	ENE	1	2	SSE	*	b	*	*
Wisby ...	30.06	-15	57	54	+4	*	*	SW	2	2	SE	*	b	*	*
Christiansund...	29.88	00	56	49	+3	*	*	N	2	2	ENE	*	co	*	3
Skudesnaes ...	29.83	-08	58	55	+1	*	*	E	2	0	Z	*	ro	*	3
Oxö (X'tiansand)	29.88	-07	56	54	+1	*	*	NE	4	4	NE	*	g	*	2
Skagen (The Skaw)	30.13	+14	58	57	+1	*	*	SSE	2	1	S	*	bce	-	*
Fanö ...	29.93	+04	62	60	+6	*	*	SSW	?	2	S	*	b	-	*
Cuxhaven ...	29.97	+09	57	57	+2	69	?	SW	1	1	SSW	2	bce	-	*
Sumburgh Head	29.54	-34	53	53	+4	53	46	SE	5	7	ENE	10	d	0.65	5
Stornoway (Hebrides)	29.48	-20	52	51	0	56	47	W	1	4	NE	2	rb	0.36	3
Thurso...	29.53	-16	54	53	0	57	57	S	2	5	ESE	2	rb	0.52	2
Wick ...	29.52	-18	55	53	+2	58	52	S	3	5	SSE	3	rb	0.57	2
Nairn ...	29.53	-17	53	50	0	60	50	Z	0	1	E	0	rb	0.30	0
Aberdeen ...	29.60	-13	54	53	-2	56	50	S	4	4	S	2	rb	0.57	2
Leith ...	29.56	-15	52	50	-3	58	47	SE	3	3	E	5	re	0.27	*
Shields ...	29.66	-10	55	52	0	59	56	W	3	4	ESE	2	ob	0.35	2
York ...	29.73	-01	53	51	-3	60	49	S	3	2	SE	0	ob	0.22	*
Scarborough ...	29.72	00	56	53	0	60	50	SSE	5	3	SE	2	ob	0.07	4
Nottingham ...	29.72	+05	57	53	-2	70	57	SSE	7	7	S	3	pr	0.18	*
Ardrossan ...	29.44	-21	54	53	-2	61	57	SE	3	3	SE	7	c	0.68	3
Greencastle ...	29.13	-39	54	53	+4	57	50	E	8	8	E	10	rg	0.43	*
Donaghadee ...	29.28	-33	55	55	-1	58	53	SE	8	8	SE	10	og	0.57	6
Kingstown ...	29.24	-35	55	53	-3	61	53	S	7	4	ENE	8	mg	0.55	4
Holyhead ...	29.38	-20	57	54	-1	63	54	SSW	14	8	SSW	4	rtw	0.53	5
Liverpool (Bidston Obs.)	29.53	-08	56	57	-1	62	57	SE	2	6	SE	9	a	0.19	3
Valencia ...	29.32	-09	53	53	-3	59	49	W	3	5	SSE	9	pr	0.36	4
Roche's Point...	29.34	-12	55	53	-2	61	52	SW	5	9	S	7	re	0.90	5
Pembroke ...	29.46	-13	56	56	-3	62	55	SW	8	5	S	14	g	0.23	7
Portishead ...	29.67	+09	58	53	-2	64	52	SW	5	4	SSW	5	re	0.30	2
Scilly ...	29.61	+15	58	54	0	60	55	SW	8	10	SE	7	uc	0.27	7
Plymouth ...	29.70	+17	59	55	-2	63	56	SSW	6	8	S	16	og	0.16	7
Hurst Castle ...	29.81	+20	61	57	-1	68	50	SW	7	7	SW	7	cq	0.04	5
Dover ...	29.90	+20	60	57	-2	65	56	SSW	4	2	SW	2	cb	-	4
London ...	29.85	+19	63	57	-2	71	52	SW	4	5	SW	4	rb	0.03	*
Oxford...	29.75	+13	59	55	-2	68	52	S	5	6	S	7	g	0.08	*
Cambridge ...	29.82	+15	58	54	+3	71	52	S	1	1	SSW	7	cb	-	*
Yarmouth ...	29.89	+16	59	56	-2	63	55	SSW	4	4	S	2	cb	0.02	3
Helder...	29.95	+13	58	*	-2	*	*	S	3	*	*	*	*	*	2
Cape Gris Nez...	29.91	+15	60	55	-2	74	58	SSW	5	4	W	1	b	0.16	4
Brest ...	29.49	+21	59	59	+1	62	54	SW	7	7	SSW	10	o	0.20	5
L'Orient ...	29.80	+29	60	56	-3	68	57	SW	7	7	W	6	ro	0.04	4
Rochefort ...	29.96	+28	58	56	-6	68	56	S	4	8	W	5	ro	0.04	3
Biarritz ...	29.95	+20	59	57	-9	70	58	SE	3	7	W	9	re	0.08	5
Corunna ...	29.93	+19	?	*	?	*	*	WSW	?	*	*	*	c	*	*
Brussels ...	30.04	+18	59	*	0	*	*	SSW	6	*	*	*	c	*	*
Charleville ...	30.02	+25	56	*	-4	70	55	SSE	3	7	SSW	5	oc	-	*
Paris ...	?	?	66	*	+6	*	*	SE	1	*	*	*	c	*	*
Lyons ...	30.09	+03	64	62	+2	71	61	E	5	5	E	8	o	0.08	5

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.84	59	52	E	4	*	0	3	Valencia ...	29.29	56	53	SSE	5	6	p	5
Thurso ...	29.68	57	55	ESE	1	8	0	1	Scilly ...	29.48	60	55	SSW	7	5	c	6
Scarborough...	29.60	57	57	ESE	3	7	e	3	London ...	29.61	68	63	SSE	3	9	ow	*
Greencastle ...	29.52	56	55	E	3	10	g	*	Rochefort...	29.85	63	57	SW	8	10	r	3
Holyhead ...	29.46	60	59	E	2	5	r	2									

Pressure has begun to recover both at Rochefort and Scilly. The wind has shifted to SSW at the mouth of the Channel, and increased to moderate gales, with a rough sea.

EXPLANATION OF COLUMNS.

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

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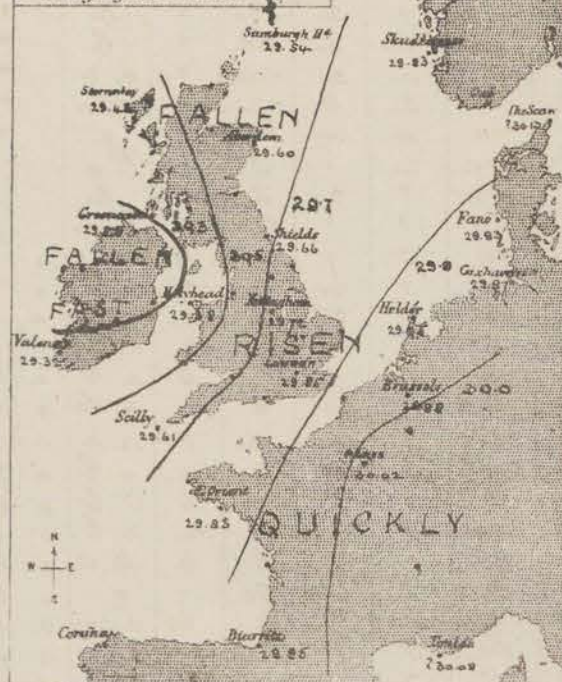
WEATHER CHARTS

AND REMARKS FOR

TUES - DAY SEPT 22ND 1874 AT 8 A.M.

BAROMETER.

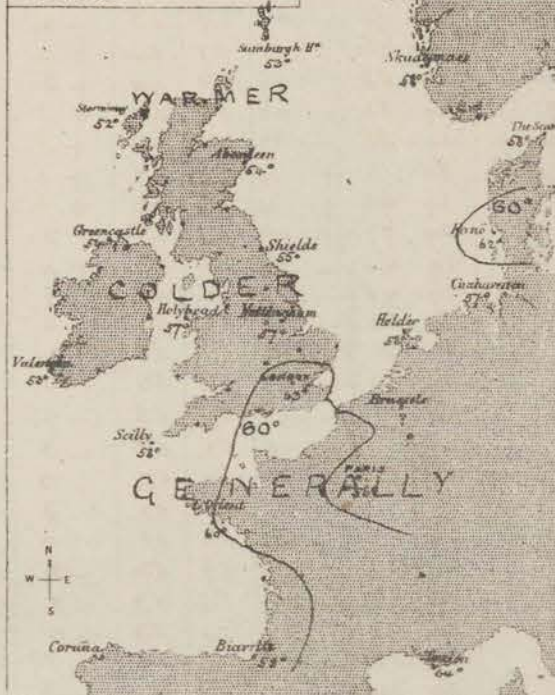
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hrs. the barometer has fallen very quickly over Ireland and to a less extent in Scotland, where it has risen briskly in France, as well as in the S and E of England. The centre of a deep depression now lies over Ireland, and the gradient from West Coast to Kingston is 0.11 in per 50 miles.

TEMPERATURE.

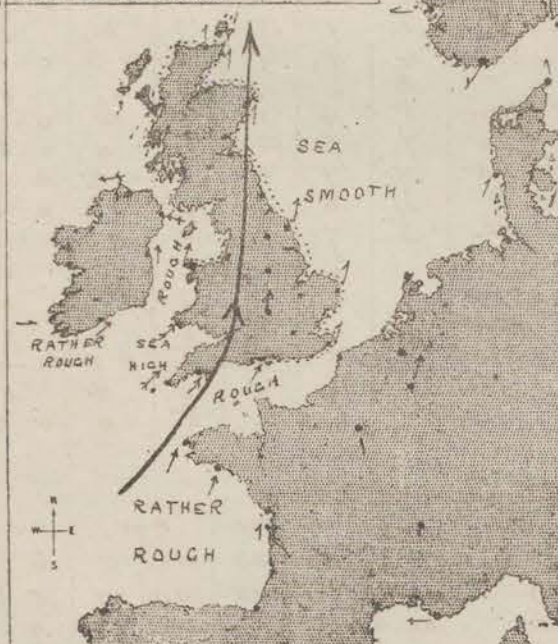
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has decreased somewhat except at the Scotch stations, and on the E shore of the North Sea, where a slight rise is reported.

WIND & SEA.

- 1 Arrows fly with the wind. Force 0 to 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 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852 - 853 - 854 - 855 - 856 - 857 - 858 - 859 - 860 - 861 - 862 - 863 - 864 - 865 - 866 - 867 - 868 - 869 - 870 - 871 - 872 - 873 - 874 - 875 - 876 - 877 - 878 - 879 - 880 - 881 - 882 - 883 - 884 - 885 - 886 - 887 - 888 - 889 - 890 - 891 - 892 - 893 - 894 - 895 - 896 - 897 - 898 - 899 - 900 - 901 - 902 - 903 - 904 - 905 - 906 - 907 - 908 - 909 - 910 - 911 - 912 - 913 - 914 - 915 - 916 - 917 - 918 - 919 - 920 - 921 - 922 - 923 - 924 - 925 - 926 - 927 - 928 - 929 - 930 - 931 - 932 - 933 - 934 - 935 - 936 - 937 - 938 - 939 - 940 - 941 - 942 - 943 - 944 - 945 - 946 - 947 - 948 - 949 - 950 - 951 - 952 - 953 - 954 - 955 - 956 - 957 - 958 - 959 - 960 - 961 - 962 - 963 - 964 - 965 - 966 - 967 - 968 - 969 - 970 - 971 - 972 - 973 - 974 - 975 - 976 - 977 - 978 - 979 - 980 - 981 - 982 - 983 - 984 - 985 - 986 - 987 - 988 - 989 - 990 - 991 - 992 - 993 - 994 - 995 - 996 - 997 - 998 - 999 - 1000



The wind has risen to a fresh gale from the SW in our SW coasts and from E in the N of Ireland during the night, while fresh S breezes are felt in the E of England and moderate S in the E of Scotland. In the night the force of a strong gale was experienced at the mouth of St. George's Channel.

The sea is high off our SW coasts, rough in the N and S generally, smooth in the NE.

CLOUD, RAIN &c.

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



Rain has fallen generally - heavily at Redoubt and in Scotland. The sky is moderately clear except in the SW and S.

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

Printed and Published by the Meteorological Office, London.

Wednesday 8 a.m.

WEATHER REPORT. Sept. 23rd 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extremes.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirce.	Force. (0 to 12.)	Force. (0 to 12.)					Dirce.
Haparanda ...						*	*					*		*	*
Hernösand ...	29.93	-.04	57	50	+1	*	*	W	1	0	Z	*	fo	*	*
Stockholm ...	30.09	+14	56	54	+2	*	*	WSW	2	?	?	*	fo	*	*
Wisby ...	30.21	+15	60	50	+3	*	*	?	?	?	?	*	*	*	*
Christiansund ...	29.95	+.07	50	49	0	*	*	Z	0	0	Z	*	re	*	4
Skudesnaes ...	30.04	+.21	57	56	-1	*	*	SSE	6	6	SSE	*	co	*	7
Oxö (Christiansand)	30.12	+.24	54	54	-2	*	*	?NE	2	2	EVE	*	co	*	2
Skagen (The Skaw)	30.15	+.02	57	55	-1	*	*	WSW	2	1	W	*	co	*	*
Fanö ...	30.14	+.21	58	55	-4	*	*	S	2	2	SSW	*	co	0.08	*
Cuxhaven ...	30.13	+.16	59	59	+2	73	?	SSW	2	1	W	6	co	0.46	*
Sumburgh Head ...	29.77	+.23	53	52	0	57	51	S	4	4	S	6	gd	-	5
Sternoway (Hebrides)	29.70	+.22	50	49	-2	58	44	Z	0	2	NE	5	co	0.01	2
Thurso ...	29.72	+.19	54	52	0	61	57	S	2	3	S	7	co	-	2
Wick ...	29.74	+.22	54	52	-1	60	53	S	3	4	SE	7	co	-	2
Nairn ...	29.73	+.20	57	54	+4	61	52	SSW	1	2	SE	6	co	0.11	1
Aberdeen ...	29.80	+.20	56	53	+1	58	52	S	4	4	S	5	co	-	2
Leith ...	29.84	+.28	57	54	+5	64	57	SW	4	4	SW	7	co	0.08	*
Shields ...	29.94	+.28	52	50	-3	62	49	SW	4	6	SW	5	co	-	2
York ...	30.02	+.29	57	50	-2	64	48	S	1	4	SW	10	co	-	*
Scarborough ...	30.00	+.28	54	53	-2	63	49	SSW	1	6	S	8	co	-	1
Nottingham ...	30.02	+.30	53	53	-4	67	48	SE	1	8	S	10	co	-	*
Ardrossan ...	29.76	+.32	57	54	+3	60	54	S	5	6	S	7	de	0.27	4
Greencastle ...	29.68	+.45	53	54	+1	56	57	S	6	8	E	9	co	0.19	*
Donaghadee ...	29.78	+.50	54	53	-1	60	50	S	5	8	SE	7	co	0.15	4
Kingstown ...	29.86	+.64	53	52	0	61	54	SSW	5	7	S	5	co	0.23	3
Holyhead ...	29.90	+.52	53	52	-2	60	54	SSW	4	7	SSW	4	co	0.08	4
Liverpool (Bidston Oke)	29.95	+.42	57	49	-5	62	48	SSE	3	16	S	4	co	-	2
Valencia ...	29.87	+.55	53	54	+2	59	52	SSW	3	5	SW	8	co	0.39	4
Roche's Point ...	29.91	+.57	53	52	0	58	52	WSW	2	6	SW	7	co	0.16	4
Pembroke ...	29.92	+.46	57	54	+1	58	53	S	1	8	SW	4	co	0.26	3
Portishead ...	29.95	+.28	54	53	-4	64	53	NE	2	6	SW	10	co	-	1
Scilly ...	29.89	+.28	58	57	0	63	54	E	3	8	SW	6	co	-	2
Plymouth ...	29.91	+.21	56	55	-3	63	50	E	1	5	S	?	co	-	*
Hurst Castle ...	29.94	+.13	59	58	-2	68	54	E	2	6	SW	10	co	0.08	2
Dover ...	29.98	+.08	61	59	+1	64	52	ESE	1	5	SSW	8	co	-	1
London ...	29.99	+.14	56	55	-7	69	49	Z	0	6	SW	9	co	0.01	*
Oxford ...	29.99	+.24	52	57	-7	64	48	Z	0	7	SSW	10	co	-	*
Cambridge ...	30.00	+.18	52	57	-7	66	46	Z	0	4	S	10	co	-	*
Yarmouth ...	30.04	+.15	60	60	+1	65	57	SSW	2	5	S	8	co	-	2
Helder ...	30.03	+.08	60	*	+2	*	*	ESE	3	*	*	*	co	-	2
Cape Gris Nez ...	29.95	+.04	58	56	-2	68	56	SE	3	5	?SSW	9	co	-	2
Brest ...	29.88	+.09	55	53	-4	63	54	SSW	3	4	SW	12	co	-	3
L'Orient ...	29.84	+.01	55	53	-5	67	53	E	4	5	SW	4	co	-	3
Rochefort ...	29.88	+.08	62	60	+4	72	55	SE	4	4	S	7	co	0.24	3
Biarritz ...	29.85	+.10	66	64	+7	70	59	S	4	4	E	10	co	0.08	4
Corunna ...			*	*	?	*	*					*		*	*
Brussels ...	30.02	+.04	59	*	?	*	*	S	1	*	*	*	co	*	*
Charleville ...	30.04	+.00	60	*	+1	*	*	ESE	6	*	*	*	co	*	*
Paris ...			*	*		*	*					*		*	*
Lyons ...	?	?	68	*	+2	*	*	S	1	*	*	*	co	*	*
Toulon ...	30.06	-.03	67	62	+3	70	60	E	8	5	E	9	co	0.04	6

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	29.94	59	57	SSE	6	*	c	4	Valencia ...	29.54	56	56	SW	5	9	2	5
Thurso ...	29.57	58	54	S	3	5	c	2	Scilly ...	29.77	61	56	SW	8	5	c	7
Scarborough...	29.76	63	55	S	6	5	c	5	London ...	29.92	65	58	SSW	4	7	9c	*
Greencastle ...	29.33	55	53	ESE	8	9	o	*	Rochefort...	29.97	70	63	SSE	1	10	0	3
Holyhead ...	29.58	58	55	SSW	7	5	c/pg	5									

Pressure is increasing at all stations, most near the centre of the depression noticed this morning. The gales noted in the W. continue, and the wind at Scarborough has increased to a strong breeze from the S.W.

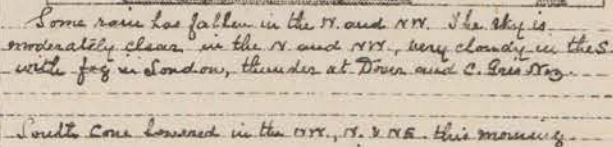
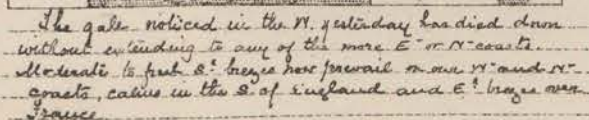
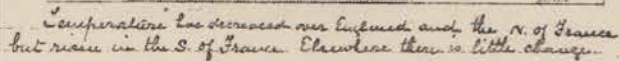
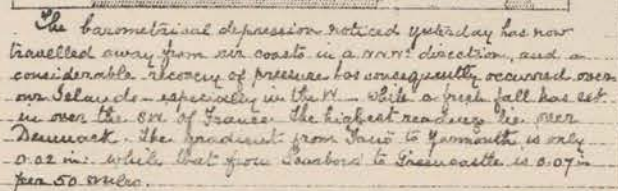
EXPLANATION OF COLUMNS.

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

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

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

WEDNES-DAY SEPT 23RD 1874 AT 8 A.M.



Dangerfield, Lith. London

Thursday 8 a.m.

WEATHER REPORT. Sept. 24th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- bance. 0 to 2.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 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	-	37	36	-	*	*	W	1	1	SW	*	co	*	*
Hernösand ...	30. 12	+ 19	44	44	- 7	*	*	Z	0	0	Z	*	bo	*	*
Stockholm ...	30. 12	+ 03	57	57	- 5	*	*	?	2	2	W	*	gb	*	*
Wisby ...						*	*					*		*	*
Christiansund ...	29. 96	+ 01	57	47	- 1	*	*	Z	0	0	Z	*	bc	*	1
Skudesnaes ...	29. 94	- 10	53	53	- 1	*	*	N	4	6	SSE	*	er	*	3
Oxö (X'tiansand) ...	29. 88	- 24	54	52	0	*	*	NNE	4	2	ENE	*	fo	*	2
Skagen (The Skaw) ...						*	*					*		*	*
Fanö ...						*	*					*		*	*
Cuxhaven ...	29. 92	- 21	63	61	+ 4	71	?	WSW	5	4	E	8	co	-	*
Sumburgh Head ...	29. 83	+ 06	52	52	- 1	57	39	W	3	5	S	5	ge	-	4
Stornoway (Hebrides) ...	29. 92	+ 22	57	50	+ 6	59	47	W	1	1	W	9	co	-	1
Thurso ...	29. 89	+ 17	53	57	- 1	65	48	SSW	1	2	SSW	4	e	-	1
Wick ...	29. 91	+ 17	50	49	- 4	62	49	SW	1	3	S	6	e	-	0
Nairn ...	29. 94	+ 21	54	52	- 3	62	52	Z	0	2	SSW	8	co	0. 01	1
Aberdeen ...	29. 94	+ 14	50	48	- 5	59	47	SSW	1	5	S	4	bc	-	1
Leith ...	30. 02	+ 18	54	52	- 3	64	57	W	2	4	SW	7	e	0. 01	*
Shields ...	30. 03	+ 09	57	49	- 1	72	46	W	3	4	SSW	5	oe	-	1
York ...	30. 13	+ 11	54	53	+ 3	63	43	SW	1	1	SE	8	c?m	-	*
Scarborough ...	30. 04	+ 04	54	53	0	59	52	SW	1	1	SE	7	oc	-	1
Nottingham ...	30. 12	+ 10	56	55	+ 3	64	45	S	1	1	NE	8	wf	-	*
Ardrossan ...	30. 02	+ 26	56	54	- 1	60	49	SW	2	5	S	6	pe	0. 11	2
Greencastle ...	30. 05	+ 37	54	53	- 1	56	51	SW	3	6	S	9	o	0. 03	*
Donaghadee ...	30. 03	+ 25	52	57	- 2	61	47	SSW	3	5	S	8	e	-	2
Kingstown ...	30. 10	+ 24	57	49	- 4	61	50	WNW	1	5	SSW	1	cb	-	2
Holyhead ...	30. 10	+ 20	55	54	0	63	51	W	1	3	SW	1	wzb	0. 01	0
Liverpool (Bidston Obs.) ...	30. 10	+ 15	55	53	+ 4	63	57	WSW	2	3	SSE	1	fb	-	1
Valencia ...	30. 12	+ 23	49	46	- 5	60	46	W	3	3	SSW	1	b	-	0
Roche's Point ...	30. 11	+ 20	49	48	- 5	62	43	NNE	2	2	SW	10	bf	-	3
Pembroke ...	30. 10	+ 18	57	56	0	63	52	Z	0	1	E	2	cb	-	0
Portishead ...	30. 12	+ 17	57	56	+ 3	65	48	S	1	1	NE	10	og	-	1
Scilly ...	30. 12	+ 23	59	58	+ 1	63	56	S	4	4	S	9	cg	0. 05	3
Plymouth ...	30. 15	+ 24	56	56	0	68	52	Z	0	4	E	10	ef	-	*
Hurst Castle ...	30. 16	+ 22	59	58	0	69	55	Z	0	1	NE	7	chw	0. 01	0
Dover ...	30. 16	+ 18	59	57	- 2	62	56	WSW	1	1	SE	4	ob	?	1
London ...	30. 16	+ 17	58	57	- 2	63	50	SW	1	2	ENE	10	rof	0. 14	*
Oxford ...	30. 13	+ 14	55	55	+ 3	65	57	S	1	2	E	10	of	-	*
Cambridge ...	30. 15	+ 15	54	54	+ 2	62	50	S	1	1	NE	10	pf	0. 23	*
Yarmouth ...	30. 15	+ 11	55	55	- 5	66	54	WSW	1	3	NE	10	rf	0. 02	2
Helder ...	30. 04	+ 01	60	*	0	*	*	WNW	6	*	*	*	*	*	4
Cape Gris Nez ...	30. 14	+ 19	60	58	+ 2	64	57	WSW	1	1	NE	8	rc	0. 47	1
Brest ...	?	?	59	59	+ 4	73	55	ESE	3	4	W	10	of	0. 04	1
L'Orient ...														*	*
Rochefort ...	30. 19	+ 32	59	57	- 3	66	57	E	3	5	NW	10	br	-	3
Biarritz ...	30. 14	+ 29	62	60	- 4	77	60	SE	4	5	S	0	eb	-	3
Corunna ...				*		*	*					*		*	*
Brussels ...	30. 16	+ 14	63	*	+ 4	*	*	WSW	6	*	*	*	e	*	*
Charleville ...	30. 10	+ 06	60	*	0	*	*	SSE	6	*	*	*	o	*	*
Paris ...	30. 22	+ 29	59	*	- 2	63	59	SW	1	4	S	10	ro	0. 75	*
Lyons ...	?	?	66	*	- 2	*	*	SE	3	*	*	*	b	*	*
Toulon ...	30. 10	+ 04	?	?	?	?	?	E	5	8	E	3	ob	0. 16	5

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	30.09	58	57	SE	6	*	0	5	Valencia ...	29.98	58	54	SSW	3	4	0	3
Thurso ...	29.75	63	57	SSW	2	6	0	2	Scilly ...	29.92	61	59	ENE	4	7	0	2
Scarborough...	30.01	58	56	SE	1	10	0	1	London ...	29.94	62	60	ENE	2	10	29	*
Greencastle ...	29.86	57	55	W	3	8	0	*	Rochefort...	29.91	73	64	S	3	2	0	3
Holyhead ...	29.95	61	57	SW	3	2	6	2									

Pressure has increased somewhat at all stations excepting London. A light ENE wind prevails over the S. of England, while at Rochefort the wind has veered to S.

EXPLANATION OF COLUMNS.

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

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

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

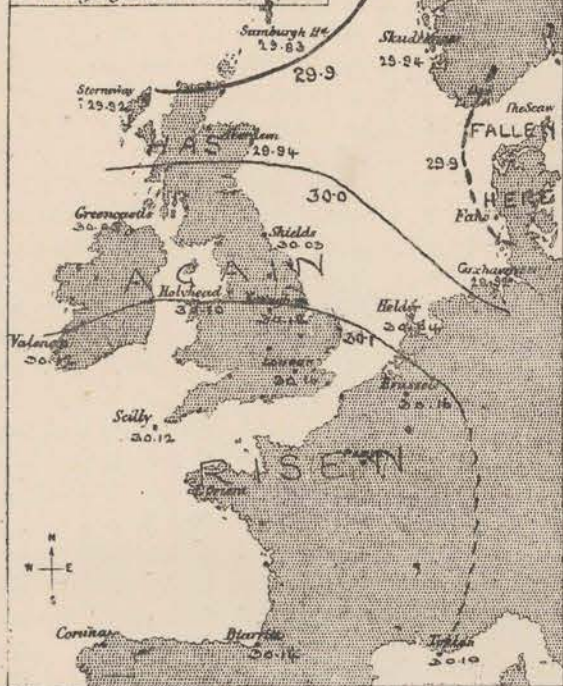
WEATHER CHARTS

AND REMARKS FOR

THURS-DAY SEPTEMBER 24TH 1874 AT 8 A.M.

BAROMETER.

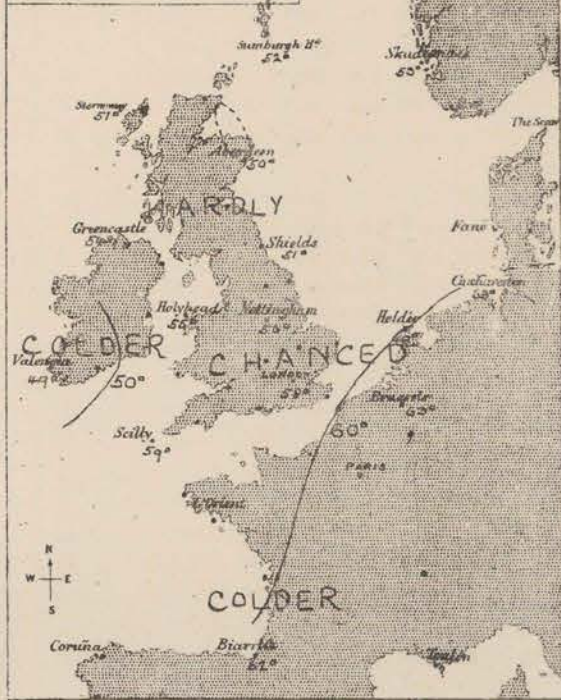
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A further necessity of barometrical pressure has taken place except in Denmark and the S. of Norway, where the pressure has fallen rather briskly. Readings are uniformly rather high over France and the S. of our Islands; from Liverpool to St. Petersburg Head the gradient is only 0.2 in. per 50 miles for N. winds.

TEMPERATURE.

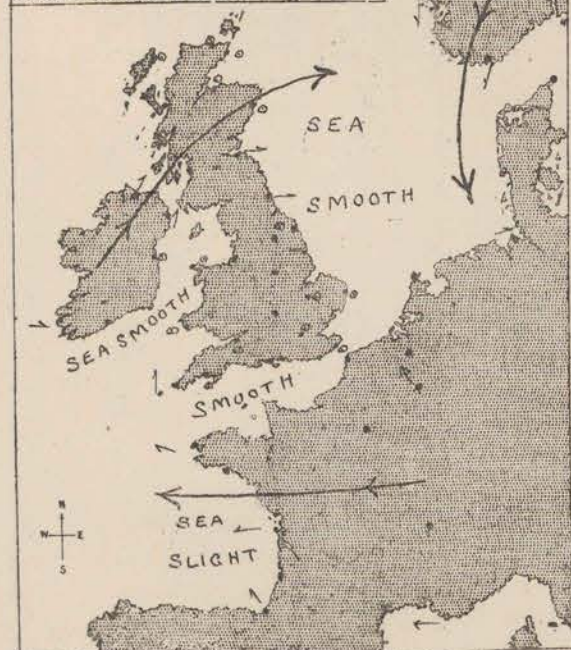
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has fallen in the S. parts both of Ireland and France, but has not changed much elsewhere.

WIND & SEA.

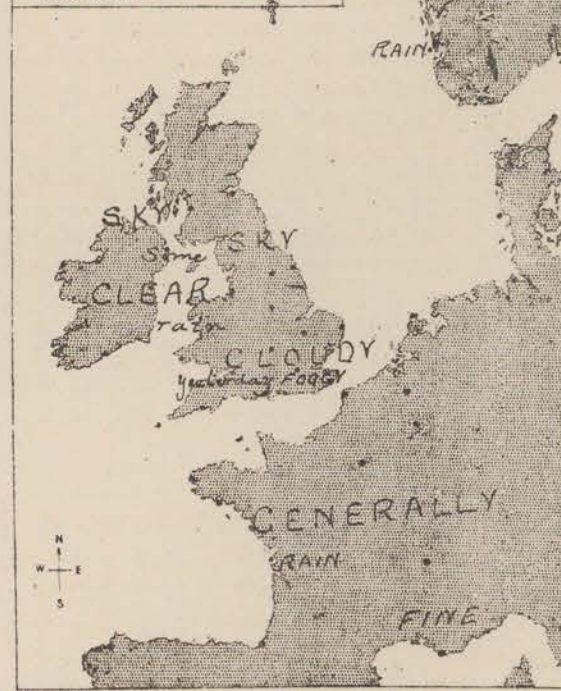
- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 10 to 12 - 10.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Light N. to S.W. winds prevail in the N. of our Islands, variable and in the S., and S.E. to E. breezes over France. In the S. of Norway moderate N. winds are reported. The sea is smooth, or nearly so on our coasts.

CLOUD, RAIN &c.

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



A little rain has fallen at several stations, most in the S.E. The sky is clear in the N.W., cloudy elsewhere, especially in the S. of England with much fog in the S.E.

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

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

Printed by L. & CO. London.

Friday 8 a.m.

WEATHER REPORT. Sept. 25th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)					Dirac.
Haparanda ...	29.61	-53	49	46	+12	*	*	SE	2	2	SW	*	0.2	*	*
Hernösand ...	29.77	-35	52	51	+8	*	*	NNE	2	4	SE	*	0.2	*	*
Stockholm ...	29.57	-55	56	51	+5	*	*	WSW	8	6	SSW	*	0	*	*
Wisby ...	29.41	-	55	51	-	*	*	WSW	6	4	SW	*	0	*	*
Christiansund ...	29.64	-32	51	49	0	*	*	SW	5	2	SW	*	0.2	*	4
Skudesnaes ...	29.85	-09	52	50	-1	*	*	WSW	6	4	WNW	*	0	*	4
Oxö (X'tiansand) ...	29.83	-05	55	52	+1	*	*	SW	4	4	WSW	*	0	*	4
Skagen (The Skaw) ...						*	*					*		*	*
Fanö ...	30.03	+28	50	56	-2	*	*	W	4	6	W	*	0	-	*
Cuxhaven ...	30.16	+24	60	59	-3	?	56	WSW	3	4	W	9	0.02	0.08	*
Sunburgh Head ...	29.67	+16	51	51	-1	56	49	WNW	5	4	WNW	10	0.2	0.17	4
Stornoway (Hebrides) ...	29.86	+06	49	48	-2	58	45	SW	2	3	W	9	0.0	0.14	5
Thurso ...	29.82	+07	52	51	-1	55	49	W	3	3	WSW	10	0.0	0.04	2
Wick ...	29.83	+08	53	52	+3	55	47	NW	2	2	S	10	0	0.02	0
Nairn ...	29.88	+06	55	53	+1	58	52	W	1	1	SW	8	0.0	0.02	1
Aberdeen ...	29.89	+05	53	50	+3	61	50	SSW	1	1	SSW	8	0.0	-	1
Leith ...	30.02	+00	53	52	-1	64	52	SW	4	3	W	10	0.2	0.03	*
Shields ...	30.00	+03	58	55	+7	61	50	WNW	4	4	WNW	9	0.2	-	1
York ...	30.22	+09	58	56	+4	63	57	SSW	2	3	W	10	0.0	-	*
Scarborough ...	30.12	+08	58	56	+4	62	53	WSW	2	2	W	10	0.0	-	2
Nottingham ...	30.21	+09	61	59	+5	68	50	SSW	1	2	WNW	4	0.0	-	*
Androsan ...	30.06	+04	54	51	-2	59	54	WSW	3	3	W	8	0.2	0.10	2
Greencastle ...	30.07	+02	54	53	0	58	51	WSW	4	4	SSW	10	0	0.02	*
Donaghadee ...	30.08	+05	55	54	+3	61	52	WSW	3	4	WSW	10	0.0	-	2
Kingstown ...	30.16	+06	57	56	+6	64	57	SW	1	4	WSW	6	0.2	-	2
Holyhead ...	30.15	+05	58	57	+3	63	54	SSW	3	3	SW	10	0.0	-	2
Liverpool (Biddston Obs.) ...	30.16	+06	59	57	+4	64	55	WSW	1	4	SW	6	0.0	-	1
Valencia ...	30.17	+05	59	56	+10	61	49	SW	2	3	SW	9	0.0	-	2
Roche's Point ...	30.18	+07	58	58	+9	62	49	S	1	2	S	10	0.0	-	3
Pembroke ...	30.21	+11	59	58	+2	61	56	SSW	2	2	SSW	10	0.0	-	3
Portishead ...	30.23	+11	57	57	0	68	52	NW	1	2	NW	?	0.0	-	1
Scilly ...	30.24	+12	59	50	0	64	57	S	2	2	ESE	10	0.2	0.17	2
Plymouth ...	30.27	+12	58	58	+2	63	53	E	1	?	S	4	0.0	0.09	*
Hurst Castle ...	30.29	+13	62	61	+3	69	56	W	1	1	W	0	0.0	0.01	1
Dover ...	30.34	+15	61	61	+2	64	57	WSW	1	3	WSW	3	0.0	-	1
London ...	30.27	+11	68	63	+10	88	53	SSW	1	2	WSW	0	0.0	-	*
Oxford ...	30.24	+11	57	56	+2	66	50	S	1	3	SW	3	0.0	-	*
Cambridge ...	30.25	+10	56	55	+2	66	52	SSW	1	1	SSW	0	0.0	-	*
Yarmouth ...	30.25	+10	58	57	+3	65	53	W	2	2	SW	2	0.0	-	2
Helder ...	30.22	+18	61	*	+1	*	*	W	?	*	*	*	0.0	-	?
Cape Gris Nez ...	30.30	+16	60	58	0	67	60	SW	3	3	WSW	4	0.0	0.04	2
Brest ...	30.25	?	60	58	+1	74	58	ESE	3	4	E	0	0.0	-	3
L'Orient ...	30.26	+13	59	57	+3	74	55	WSW	?	4	SE	0	0.0	-	2
Rocheport ...	30.25	+06	62	58	+3	87	57	SE	3	3	E	0	0.0	-	3
Biarritz ...	30.21	+07	66	62	+4	84	62	SE	5	5	E	0	0.0	-	3
Corunna ...	30.22	+18	65	*	0	*	*	?	3	*	*	*	0.0	-	?
Brussels ...	30.35	+19	56	*	-7	*	*	W	3	*	*	*	0.0	-	*
Charleville ...	30.38	+28	56	*	-4	*	*	WSW	3	*	*	*	0.0	-	*
Paris ...	30.37	+15	?	*	?	66	?	S	1	3	S	10	0.0	-	*
Lyons ...	?	?	66	*	0	*	*	S	1	*	*	*	0.0	-	*
Toulon ...	30.29	+19	69	60	?	77	67	NE	3	4	SE	1	0.0	-	3

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		
Skudesnaes ...	29.82	55	53	WNW	8	*	0	4	Valencia ...	29.98	58	54	SSW	3	4	c	3
Thurso ...	29.75	63	57	SSW	2	6	c	2	Scilly ...	30.17	62	61	ESE	4	5	c	3
Scarborough...	30.01	58	56	SE	1	10	0	1	London ...	29.94	62	60	ENE	2	10	2.9	*
Greencastle ...	29.86	57	55	W	3	8	0	*	Rocheport...	29.91	73	64	S	3	2	c	3
Holyhead ...	29.95	61	57	SW	3	2	b	2									

Pressure has increased somewhat at all stations excepting London. A light ENE wind now prevails over the S. of England, while at Rocheport the wind has veered to S.

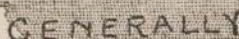
EXPLANATION OF COLUMNS.

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

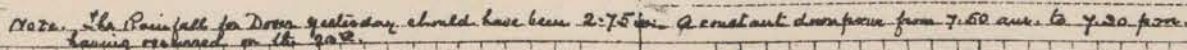
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N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

FRI - DAY SEPTEMBER 25TH 1874 AT 8 A.M.



Temperatures has risen at all but the N stations
In London the reading this morning (at 8.30) is as high
as the maximum temperature of yesterday.



Dangerfield, Lith, 22 Bedford St. Covent Garden

Saturday 8 a.m.

WEATHER REPORT. Sept. 26th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.	
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Direc.	Force. (0 to 12.)						Force. (0 to 12.)
Haparanda ...	29.28	-.33	45	45	-4	*	*	NW	2	2	SW	*	o	*	*
Hernösand ...	29.60	-.17	46	43	-6	*	*	SW	2	2	SW	*	ob	*	*
Stockholm ...	29.67	+.10	52	50	-4	*	*	W	4	4	SW	*	oc	*	*
Wishy ...	29.90	-.01	57	54	+2	*	*	W	?	4	W	*	cb	*	*
Christiansund ...	29.64	.00	57	?	?	*	*	WSW	6	6	WSW	*	ro	*	5
Skudesnaes ...	29.92	+.07	57	48	-1	*	*	W	6	4	WNW	*	o	*	4
Oxö (X'iansand)	29.91	+.08	53	49	-2	*	*	WSW	6	?	?	*	e	*	?
Skagen (The Skaw)						*	*					*		*	*
Fanö ...	30.06	+.03	59	56	+1	*	*	W	4	4	WSW	*	c	—	*
Cuxhaven ...	30.14	-.02	61	60	+1	?	56	W	3	3	NNW	3	ob	0.01	*
Samburgh Head	29.82	+.15	50	48	-1	53	47	WNW	6	5	WNW	7	fb	0.03	5
Stornoway (Hebrides)	30.04	+.18	48	46	-1	56	43	W	2	3	W	9	fb	0.05	2
Thurso ...	29.99	+.17	49	47	-3	56	46	W	3	4	W	8	fb	0.03	2
Wick ...	30.01	+.18	49	46	-4	56	44	W	2	2	NW	6	e	?	0
Nairn ...	30.08	+.20	50	47	-5	57	47	WSW	1	1	W	6	oc	0.11	0
Aberdeen ...	30.09	+.20	49	44	-4	58	43	WSW	1	1	SSW	5	oc	0.15	0
Leith ...	30.16	+.14	50	48	-3	59	47	WSW	2	2	W	4	oc	0.05	*
Shields ...	30.19	+.19	55	52	-3	60	54	NW	3	3	W	7	oc	0.05	1
York ...	30.20	-.02	59	57	+1	70	66	W	1	1	W	8	co	—	*
Scarborough ...	30.19	+.07	55	49	-3	65	55	NNW	1	4	WSW	10	od	—	2
Nottingham ...	30.21	.00	58	57	-3	74	55	WSW	1	3	WSW	9	bnd	—	*
Ardrossan ...	30.16	+.10	54	49	0	57	53	WSW	2	3	WSW	6	fb	0.13	1
Greencastle ...	30.08	+.01	51	49	-3	55	49	WSW	2	4	WSW	10	go	0.06	*
Donaghadee ...	30.19	+.11	55	49	-5	58	48	NW	2	3	WSW	7	dc	0.22	1
Kingstown ...	30.23	+.07	56	54	-2	68	56	NNW	2	5	WSW	10	cm	—	2
Holyhead ...	30.21	+.06	57	57	-1	61	56	Z	0	4	SSW	7	wm	0.01	0
Liverpool (Bidston Obs.)	30.21	+.05	58	56	-1	68	57	WNW	1	5	SW	10	co	—	0
Valencia ...	30.19	+.02	58	54	-1	64	47	W	3	3	SW	2	cb	—	2
Roshe's Point...	30.18	.00	55	54	-3	63	57	NNE	2	2	SSW	10	f	—	3
Pembroke ...	30.28	+.07	55	54	-4	63	55	E	1	1	E	9	mg	0.01	4
Portishead ...	30.20	-.03	56	55	-1	76	50	S	1	1	W	7	gm	—	1
Scilly ...	30.15	-.09	59	58	0	65	57	E	4	4	E	5	e	—	3
Plymouth ...	30.18	-.09	58	57	0	68	53	E	1	2	SW	0	bnd	—	*
Hurst Castle ...	30.21	-.08	57	56	-5	69	50	NE	1	1	NE	3	bnd	—	1
Dover ...	30.25	-.06	62	61	+1	65	56	WSW	2	3	WSW	0	b	—	1
London ...	30.24	-.03	60	57	-8	81	49	SW	1	2	W	1	b	—	*
Oxford...	30.23	-.01	55	54	-2	73	50	Z	0	3	W	2	cm	—	*
Cambridge ...	30.22	-.03	59	56	+3	73	53	SW	1	1	SSW	1	b	—	*
Yarmouth ...	30.22	-.02	61	60	+3	72	57	WSW	2	3	WSW	3	bnd	—	2
Helder...	30.21	-.01	62	*	+1	*	*	W	2	*	*	*	*	—	2
Cape Gris Nez...	30.29	-.01	61	57	+1	68	59	SW	1	3	SW	1	b	—	1
Brest ...	30.15	-.10	62	62	+2	69	60	ESE	3	4	ESE	8	bo	—	3
L'Orient ...	30.13	-.13	59	57	0	78	56	E	4	5	ESE	6	bc	—	3
Rochefort ...	30.15	-.10	62	58	0	88	69	ESE	4	3	SE	7	bo	—	3
Biarritz ...	30.13	-.08	66	64	0	88	65	W	3	4	E	9	bo	—	2
Corunna ...				*		*	*				*	*	*	—	*
Brussels ...	30.30	-.05	57	*	-5	*	*	WSW	3	*	*	*	b	—	*
Charleville ...	30.35	-.03	49	*	-7	*	*	S	1	*	*	*	btc	—	*
Paris ...	30.29	-.08	56	*	-7	70	55	SE	1	3	SE	2	btc	—	*
Lyons ...	?	?	64	*	-2	*	*	N	1	*	*	*	b	—	*
Toulon...	30.22	-.07	68	61	-1	79	65	E	3	7	NW	1	fb	—	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.	
Skudesnaes ...	29.84	54	53	N	6	*	2	4	Valencia ...	30.19	62	57	SW	3	6	2
Thurso ...	29.86	53	49	W	4	9	?	3	Scilly ...	30.22	64	62	ESE	1	2	6
Scarborough...	30.10	63	66	WSW	2	9	0	2	London ...	30.24	73	63	WSW	2	8	*
Greencastle ...	30.06	54	53	WSW	3	10	9	*	Rochefort...	30.24	80	71	SE	1	0	3
Holyhead ...	30.15	60	58	SSW	4	10	mf	3								

Scarcely any change of pressure is reported. The wind remains very light, especially in the but at Scilly the sea is rising very much from the S^W though the weather there is clear and bright.

EXPLANATION OF COLUMNS.

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

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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 opposition direction.

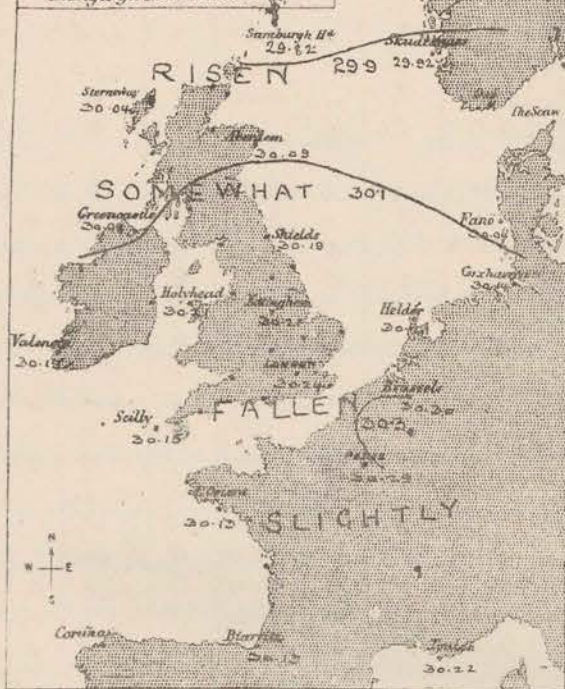
WEATHER CHARTS

AND REMARKS FOR

SATUR - DAY SEPTEMBER 26TH 1874 AT 8 A.M.

BAROMETER.

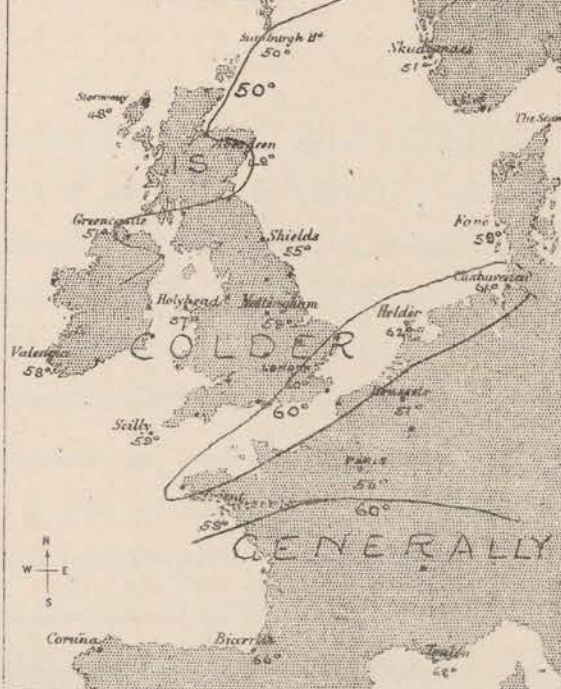
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



A slight fall of the barometer at the S. stations has been accompanied by a slight but general rise in the N., so that readings, though still highest over France and the SE. of our Islands are more uniform than they were yesterday. The gradient from Scarborough to St. Ives is 0.045 in. per 50 miles for N. winds, while from London to Brest there is one of 0.020 in. for E. winds.

TEMPERATURE.

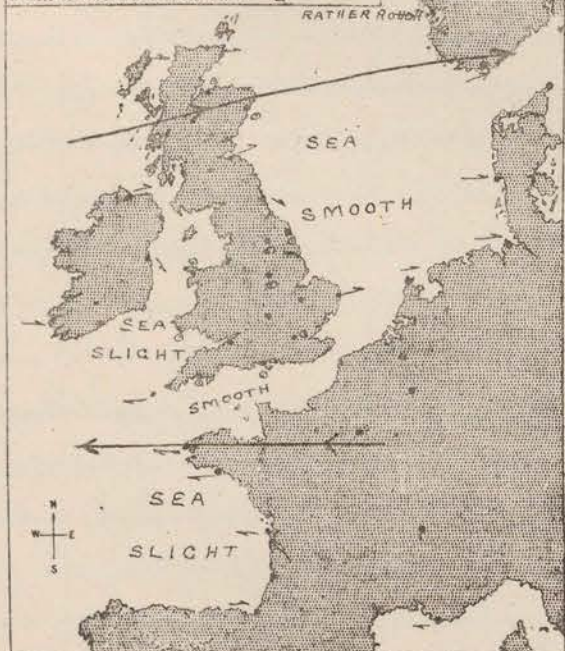
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature rose to an unusual height for the time of year yesterday. In London it was 81° in the shade and considerably above 70° at all the more central English stations. It has since fallen generally and in London it went as low as 49° in the shade and 58° on the grass during the night.

WIND & SEA.

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



Fresh N.E. winds prevail in Norway, light breezes from the same quarter in the N. of our Islands & N. Germany, while on our SW. coasts and over the Bay of Biscay the wind is light from the E.

A heavy ground swell was observed at the mouths of the S. Seas, Bristol and English Channels yesterday, Sicily reported it to be from the S.E., but the sea is not generally smooth on our coasts, rather rough in the western N.

CLOUD, RAIN &c.

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



A little rain has fallen in the N. & N.E., where too the sky continues very cloudy. In the S.W. and S. of our Islands fog & haze prevail and cloudy weather in the N. of France.

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

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

Dangerfield Lith. 22 Bedford St. Covent Garden.

SUMMARY OF WEATHER IN WESTERN EUROPE

from SEPTEMBER 20TH to SEPTEMBER 26TH 1874

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

At the commencement of this week pressure was lowest to the N^W of our Islands while it was highest over Germany and the E. of France. On the 21st, however, the barometer had risen a little in the N. while it had fallen elsewhere; a depression was advancing towards our SW. coast, and very light winds were general. During the next two days this disturbance travelled very slowly along our W. coast and the wind increased to a gale at some stations. As the depression passed off the barometer rose rapidly, and, till the close of the week, the lowest readings were found in the North while a large area of high pressure lay over France and the S. of England. At the same time ^{the} winds were light from various quarters. Temperature rose considerably near the close of the week, having been as high as 81° in the shade in London on the 25th and 26th. The weather was cloudy generally during the first few days but latterly the sky was clear in the S. though a good deal of fog or mist prevailed.

SEPT 20TH - The fall of the barometer, noticed at the close of last week, had extended S^W, and pressure was giving way in all places except in the N. of Scotland and on the E. shores of the North Sea where a slight recovery had set in. In the S. of Ireland the decrease had been rather brisk and the gradient from Plymouth to Roches Point was 0.07 in. per 50 miles. Moderate S^W winds prevailed over our Islands drawing into SW. and freshening in the S. of Norway. In France the wind was variable, but a moderate E^W gale was reported from London. Temperature had risen somewhat in the E. and SE. of England, but was not much changed elsewhere. At 8 am. rain was falling in many places and the sky was cloudy generally.

SEPT 21ST - A further rise of the barometer was reported from Scotland and Norway, but at all other stations a fall had taken place. The decrease amounted to more than 0.3 in. at the SW. stations and a depression appeared to have advanced to the S. of Ireland. The highest readings were found in the NE. and the gradient from Yarmouth to Scilly was 0.04 in. per 50 miles. The wind had freshened a little from SE. at the SW. stations but elsewhere very light breezes were general, being from the SE. on the Continent and E^W in the N. and N. Temperature had again increased at the SE. stations, decreased elsewhere. The sky was cloudy generally with rain in the SW. By two pm. the barometer was rising in the S., and at Scilly the wind had backed to SSW. and freshened.

SEPT 22ND - The depression noticed above lay, at 8 am., over the N. of Ireland where the barometer had fallen briskly, and the decrease had also extended, though in a less degree, to Scotland. Over France and on our S. coast the mercury had risen; and the gradient from Hurst Castle to Kington was 0.11 in. per 50 miles. The wind circulated round the above depression being SW^W in the SW., S^W over the N. and E. of England and drawing into SE. and E. in the N. of Ireland. In force it was fresh to moderate generally, but a SW^W gale was reported at Scilly and Pembroke, and an E^W gale in the N. of Ireland. Temperature was rather lower in most places, except in the N. of Scotland and over Denmark. Heavy rain had fallen at some places but at 8 am. the sky was moderately clear except in the SW. In the afternoon the barometer was rising at all stations, but the gales reported above still held, and the depression was still found over the N. of Ireland.

SEPT 23RD - The atmospheric depression had become less intense and the lowest pressure was now off the N. coast of Scotland. During the night the barometer had continued to rise at all our stations - very rapidly in the N. - Readings were highest over Denmark, but gradients were steepest across our Islands, that from Scarborough to Newcastle

being 0.07 in. per 50 miles. Over the W. of France the barometer was falling and a slight depression appeared to be advancing over the Bay of Biscay. This depression caused the wind to back to SE in the W. of France while moderate to fresh S² winds prevailed on our W. and N. coasts. Temperature had fallen at the SE stations but risen in the S. of France. The sky remained moderately clear in the NW. but was very cloudy in the S. with thunder at Cape Gris Nez and Dover. At the latter place the rainfall was exceedingly heavy 2.8 in. having fallen between 7.50 am. and 7.30 pm. The 2 p.m. reports showed that pressure continued to increase except in London.

SEPT 24TH - The barometer had again risen over the British Isles and France but had fallen over Denmark and the S. of Norway, where the lowest readings were found. A large area of high pressure lay over the S. of our Islands and France and the gradient from Yarmouth to Faro was 0.066 in. per 50 miles. Very light winds were general; from the N² in Norway, from S. or SW. over our Islands and from E. in France. Temperature had changed very little but had fallen somewhat in the S. of Ireland. The sky was clear in the NW. cloudy elsewhere and much fog prevailed in the SE. During the day pressure continued to increase slowly.

SEPT. 25TH - The general distribution of pressure continued unaltered, except that the depression, noticed over Denmark yesterday, had been succeeded by a brisk recovery. The highest readings still lay over France, while the lowest were found to the NE² of our Islands and the gradient from Nottingham to Lumburg H² was 0.07 in. per 50 miles. On the coasts of Norway and Sweden fresh SW² winds were reported, but on all other coasts very light breezes were experienced; from SE. in France, from S. over England and from N. in the North. Temperature had risen generally but especially in London and the S. of Ireland. The weather was fine over France and the S. parts of England, and during the day temperature rose to an unusual height for the time of year, reaching 81° in the shade in London. In the SW. fog prevailed, the sky was overcast in the N. and rain was falling in the E. of Scotland. At two pm. very little change had occurred.

SEPT 26TH This morning the barometer had risen slightly in the N., while it had fallen to about the same extent at the S. stations. Consequently readings had become very uniform over our Islands and France, and the gradient in the North, from Scarborough to Kristiansund, was only 0.045 in. per 50 miles. Very light N² winds were felt over the more N. parts of the Kingdom, freshening a little on the coasts of Norway, while over France and the Channel the wind was E²; and calms prevailed over central England. Temperature had fallen again generally, but again reached 81° in the shade, in London, during the day. The sky was cloudy over France and in the N. and W. of our Islands but clear generally in the SW. and S. where however there were some fog and mist.

Sunday 8 a.m.

WEATHER REPORT.

Sept 27th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dir.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dir.				
Haparanda ...	29.47	+ .19	37	35	- 8	*	*	NN	2	2	NN	*	6	*	*
Hernösand ...	29.85	+ .25	42	38	- 4	*	*	N	2	6	SN	*	rb	*	*
Stockholm ...	29.97	+ .20	45	42	- 7	*	*	Z	0	4	SN	*	20	*	*
Wisby ...	30.15	+ .25	51	50	- 6	*	*	N	4	6	NN	*	6	*	*
Christiansund ...	29.85	+ .21	46	44	?	*	*	SN	6	10	N	*	r	*	7
Skudesnaes ...	29.97	+ .05	54	49	+ 3	*	*	SSN	4	6	N	*	0	*	4
Oxö (X'tiansand) ...	30.04	+ .12	50	47	- 3	*	*	Z	0	4	NSN	*	20	*	1
Skagen (The Skaw) ...	30.05		53	49		*	*	NNN	4	6	NN	*	20	-	*
Fanö ...	30.07	+ .01	57	57	- 2	*	*	NSN	2	2	N	*	20	-	*
Cuxhaven ...	30.14f	+ .00	53	53	- 8	64	?	SSN	1	3	NN	3	cb	-	*
Sumburgh Head ...	29.80f	- .02	50	49	0	53	48	NNN	4	4	NNN	8	po	0.11	2
Stornoway (Hobridges) ...	29.78f	- .26	50	49	+ 2	53	35	SN	3	3	SN	10	pm	0.03	4
Thurso ...	29.84f	- .18	49	47	0	55	46	S	1	4	N	7	oc	0.01	1
Wick ...	29.85f	- .16	53	50	+ 4	55	47	SN	2	3	N	10	5	-	0
Nairn ...	29.81f	- .27	51	49	+ 1	55	49	NSN	1	1	NSN	6	c	-	1
Aberdeen ...	29.89f	- .20	52	50	+ 2	57	42	SN	1	1	SSN	8	o	-	0
Leith ...	29.93f	- .23	55	54	+ 5	62	49	SN	2	3	N	7	oc	0.02	*
Shields ...	29.98f	- .21	56	55	+ 1	60	50	SN	1	4	N	9	olm	0.04	1
York ...	30.01f	- .19	53	53	- 6	62	50	S	1	1	SN	10	of	-	*
Scarborough ...	29.97f	- .22	57	56	+ 2	57	52	SSE	1	1	NE	9	o	-	1
Nottingham ...	30.04f	- .17	52	51	- 6	75	46	SSN	1	2	NSN	5	mf	-	*
Ardrossan ...	29.93f	- .23	56	55	+ 2	57	51	S	1	2	NSN	8	cd	0.21	1
Greencastle ...	29.90f	- .18	56	55	+ 5	56	51	SSN	1	4	NSN	?	oc	-	*
Donaghadee ...	29.94f	- .25	55	55	+ 5	58	50	E	1	3	ESE	10	20	0.01	1
Kingstown ...	29.97f	- .26	58	56	+ 2	62	56	Z	0	4	E	10	of	-	0
Holyhead ...	30.05r	- .16	57	57	0	63	55	Z	0	3	NNE	10	wf	-	0
Liverpool (Bidston Obs.) ...	29.96f	- .23	58	56	0	64	53	SSE	2	2	SE	10	cm	-	0
Valencia ...	29.97f	- .22	57	53	- 1	62	54	NNN	2	2	NN	4	c	-	2
Roche's Point ...	29.96f	- .22	55	54	0	64	51	NNE	2	2	S	10	f	-	2
Pembroke ...	29.95f	- .03	57	56	+ 2	66	55	ENE	1	2	ESE	5	bm	-	1
Portishead ...	No Observations - Observer away from home -														
Scilly ...	29.94f	- .21	59	59	0	64	57	Z	0	4	E	7	c	-	2
Plymouth ...	29.95f	- .23	61	60	+ 3	73	57	NE	1	3	SE	10	bf	-	*
Hurst Castle ...	30.01f	- .20	60	59	+ 3	70	55	Z	0	1	E	7	bm	-	0
Dover ...	30.02f	- .23	60	58	- 2	65	55	E	1	2	SN	5	be	-	*
London ...	30.02f	- .22	60	58	0	81	48	SN	1	1	SE	8	clw	-	*
Oxford ...	30.01	- .22	52	52	- 3	71	47	Z	0	1	S	9	bm	-	*
Cambridge ...	30.02f	- .20	57	56	- 2	71	50	Z	0	1	SSE	9	bo	-	*
Yarmouth ...	30.04f	- .19	61	60	0	67	58	Z	0	4	SSE	3	bm	-	1
Helder ...															
Cape Gris Nez ...	30.02f	- .27	62	58	+ 1	73	60	SN	1	3	SSN	5	c	-	1
Brest ...	30.00f	- .15	61	61	- 1	80	60	ESE	3	4	NE	2	ob	-	3
L'Orient ...	29.99f	- .14	63	61	+ 4	80	60	S	3	4	SE	5	c	-	2
Rocheport ...	30.02f	- .13	64	62	+ 2	84	59	SE	3	4	E	0	cb	-	3
Biarritz ...	30.01f	- .12	68	66	+ 2	70	61	S	3	5	NNN	5	rc	0.08	3
Corunna ...															
Brussels ...	30.08	- .22	61	*	+ 10	*	*	ENE	1	*	*	*	c	*	*
Charleville ...	30.09	- .26	54	*	+ 5	*	*	E	1	*	*	*	c	*	*
Paris ...	30.06f	- .23	56	*	0	74	54	SE	4	4	ESE	8	oc	-	*
Lyons ...	?	?	66	*	+ 2	*	*	NE	3	*	*	*	b	*	*
Toulon ...	30.26r	+ .04	68	63	0	80	65	NE	1	4	E	4	oc	-	2

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

	Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	C.	Wea.	Sea.		
Skudesnaes ...	30.04	51	47	N	6	*	c	4	Valencia ...	30.13	60	54	NN	?	4	c	2
Thurso ...	30.04	54	49	N	3	8	o	3	Scilly ...	30.10	64	62	E	4	5	c	3
Scarborough...	30.20	56	53	NE	1	9	o	1	London ...	30.19	69	63	SE	1	4	mc	*
Greencastle ...	30.16	54	50	NSN	1	8	o	*	Rocheport...	30.09	79	68	E	3	10	o	3
Holyhead ...	30.17	71	68	NNE	3	6	c	2									

Pressure continues to increase in the N. and decrease in the S. so that the E^l breeze is spreading over the S. of England. The sky remains overcast in the N. of our islands but is generally clear in the S. Temperature has risen rapidly at the Welsh stations.

EXPLANATION OF COLUMNS.

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

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

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

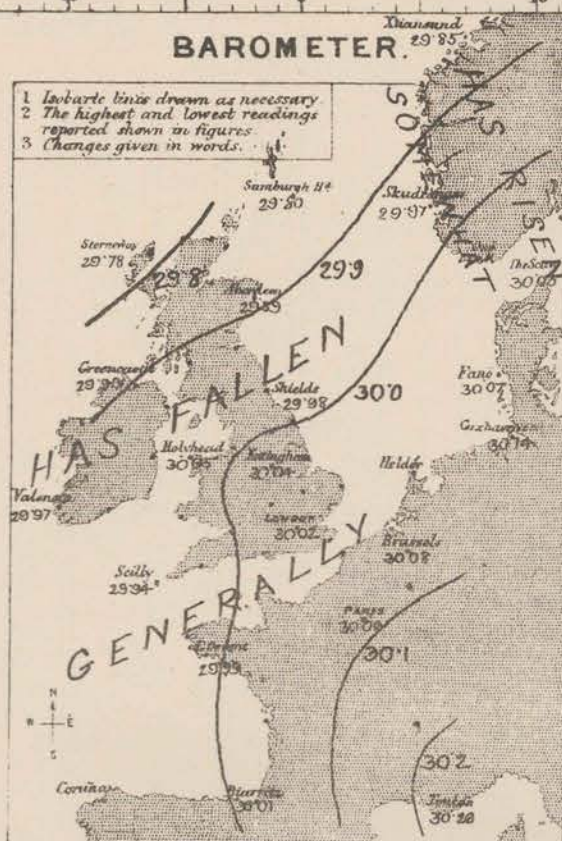
WEATHER CHARTS

AND REMARKS FOR

SUNDAY 27TH SEPT^R 1874 AT 8 A.M.

BAROMETER.

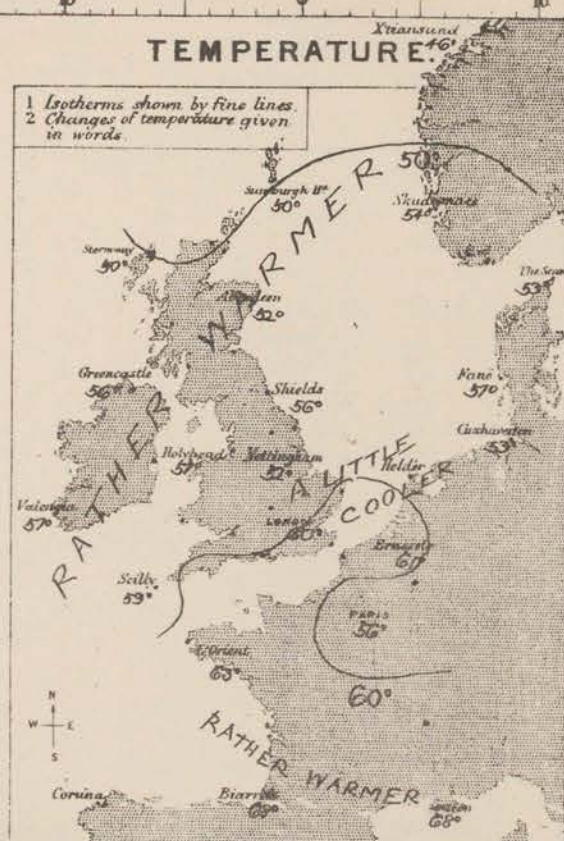
- 1 Isobars line drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Since yesterday morning a fall of the barometer has occurred at all but the Norwegian and Danish stations, where pressure continues to increase. The change has been very uniform over our Islands, and the lowest pressures are found off the north-west coast of Scotland; but gradients are very slight.

TEMPERATURE.

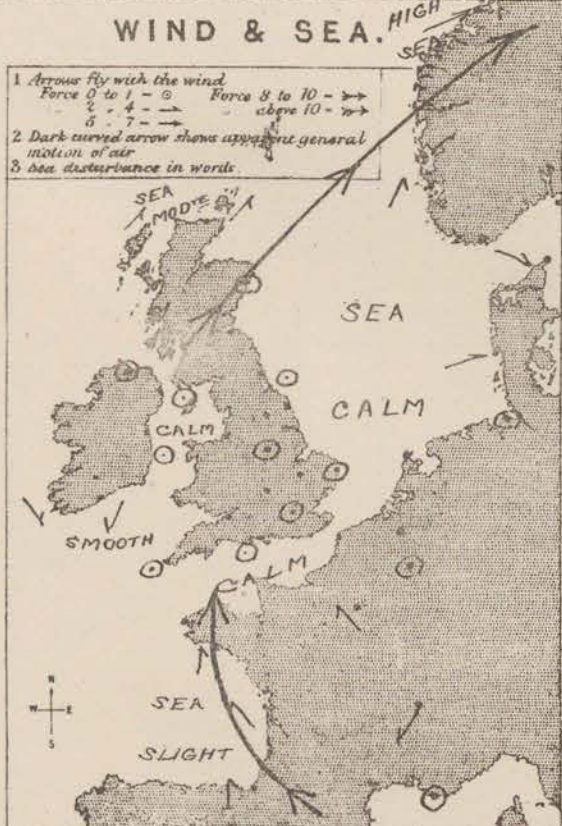
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen a little over the greater part of our Islands and France, but the weather is rather colder than it was yesterday in Central England.

WIND & SEA.

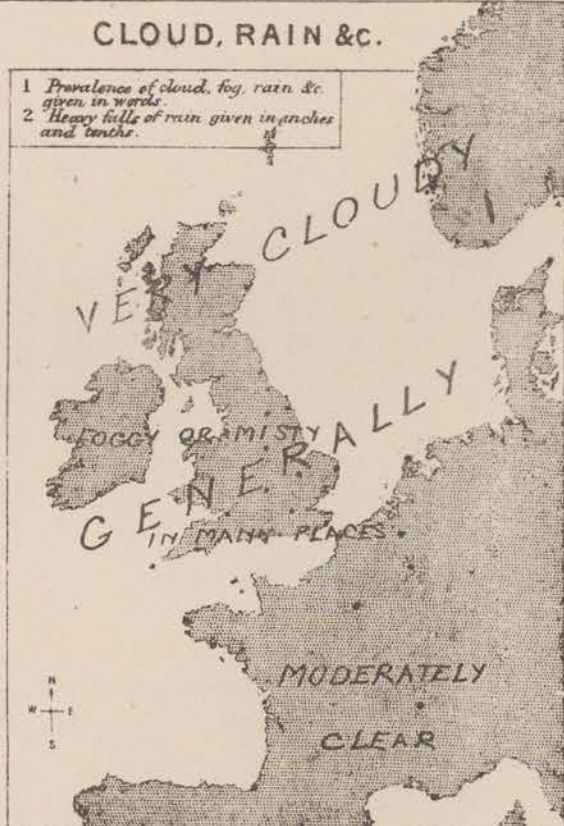
- 1 Arrows fly with the wind. Force 0 to 1 - 0, Force 8 to 10 - 8, Force 12 to 14 - 12, Force 16 to 18 - 16, Force 20 to 24 - 20, Force 26 to 30 - 26, Force 32 to 36 - 32, Force 38 to 42 - 38, Force 44 to 48 - 44, Force 50 to 54 - 50, Force 56 to 60 - 56, Force 62 to 66 - 62, Force 68 to 72 - 68, Force 74 to 78 - 74, Force 80 to 84 - 80, Force 86 to 90 - 86, Force 92 to 96 - 92, Force 98 to 100 - 98.
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Light S.W. winds are reported from our northern coasts, and from France, but variable airs and calms prevail in the more southern portions of our Islands. Light to moderate W. breezes still prevail in Denmark. The sea is calm around our coasts, but high at Christianiaund.

CLOUD, RAIN &c.

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



Slight rain has fallen at some of the northern stations. The weather is foggy or misty over the United Kingdom but moderately clear in France.

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Delivery by hand 10/- per quarter.
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Meteorological Office
116, Victoria St., Westminster S.W.
ROBERT H. SCOTT, Director.

Printed by J. G. Smith, London.

Mon- day 8 a.m.

WEATHER REPORT.

Sept- 28th 1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturb- ance. — 0 to 9.
	At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. — (0 to 12.)	Force. — (0 to 12.)	Dirac.				
Haparanda ...	29.82	+ .35	57	55	0	*	*	SW	1	1	NW	*	b	*	*
Hernösand ...	29.84	- .01	45	42	+3	*	*	SW	2	0	2	*	be	*	*
Stockholm ...	29.94	- .03	50	49	+5	*	*	S	2	2	SW	*	ef	*	*
Wisby ...	30.07	- .08	54	53	+3	*	*	S	4	2	N	*	c	*	*
Christiansund ...	29.67	- .18	53	50	+7	*	*	SSW	4	0	2	*	or	*	5
Skudesnaes ...	29.84	- .13	55	53	+1	*	*	SE	8	6	S	*	co	*	7
Oxö (X'tiansand)	29.95	- .09	49	48	-1	*	*	?N	2	4	?N	*	of	*	2
Skagen (The Skaw)	29.99	- .06	53	52	0	*	*	NW	2	4	SSE	*	co	d. 28	*
Fanö ...	29.97	- .10	55	55	-2	*	*	ESE	2	2	SW	*	b	-	*
Cuxhaven ...	29.99f	- .15	55	55	+2	75	?	SSW	1	1	SSW	2	b	-	*
Sumburgh Head	29.56f	- .24	53	53	+3	53	?50	S	4	4	NSW	9	o	-	4
Stornoway (Hebrides)	29.38f	- .40	55	54	+5	56	49	S	5	5	S	10	dw	0.04	7
Thurso...	29.47f	- .37	56	53	+7	59	48	S	4	3	S	8	o	-	2
Wick ...	29.50f	- .35	56	53	+3	57	53	S	2	2	S	8	o	-	2
Nairn ...	29.53f	- .28	59	55	+8	60	?51	NSW	3	3	NSW	8	co	-	2
Aberdeen ...	29.62f	- .27	56	55	+4	59	50	S	2	2	S	8	co	-	1
Leith ...	29.64f	- .29	60	57	+5	66	48	SW	3	2	N	6	c	-	*
Shields...	29.71f	- .27	55	55	-1	60	53	S	2	2	S	3	bm	-	1
York ...	29.80f	- .21	?65	?64	+12	73	53	S	1	1	S	0	b	-	*
Scarborough s. 40	? 29.76f	- .21	61	59	+4	61	57	SW	2	1	S	1	b	-	2
Nottingham ...	29.85f	- .19	58	57	+6	75	51	SSW	1	2	SSW	10	cw	-	*
Ardrossan ...	29.59f	- .34	58	56	+2	61	56	SSW	4	4	SSW	8	o	-	3
Greencastle ...	29.50f	- .40	57	55	+1	58	52	S	6	3	N	?	og	-	*
Donaghadee ...	29.57f	- .37	57	56	+2	63	54	?SW	6	6	SSE	10	co	-	4
Kingstown ...	29.63f	- .34	59	57	+1	62	57	S	3	1	SE	9	fo	-	2
Holyhead ...	? 29.75f	- .30	59	58	+2	65	56	S	3	2	NW	6	fm	0.03	2
Liverpool (Bidston Obs.)	29.71f	- .25	57	56	-1	73	55	SE	2	3	SE	4	e	-	1
Valencia ...	29.48f	- .49	57	54	0	60	53	SW	6	6	SW	8	am	-	5
Roche's Point...	29.59f	- .37	56	55	+1	62	55	SW	4	4	SW	9	fo	0.12	3
Pembroke ...	29.70f	- .25	59	58	+2	64	57	S	6	5	S	8	ow	0.02	6
Portishead ...	No observations.	Observer away from home													
Scilly ...	29.75f	- .19	60	59	+1	64	59	SSW	5	6	SSW	7	fp	0.05	4
Plymouth ...	29.81f	- .14	60	60	-1	71	58	SSE	4	5	SSE	10	wg	-	*
Hurst Castle ...	29.88f	- .13	61	60	+1	74	58	SW	3	3	SW	8	lo	-	2
Dover ...	29.90f	- .12	62	61	+2	65	58	SW	3	2	NSW	6	btw	0.04	3
London ...	29.87f	- .15	61	60	+1	77	53	SW	1	2	SW	10	alo	0.06	*
Oxford...	29.84	- .17	60	59	+8	72	52	S	3	3	S	9	co	-	*
Cambridge ...	29.89f	- .13	59	57	+2	70	53	SSW	1	1	S	7	be	-	*
Yarmouth ...	29.86f	- .18	61	60	0	66	59	SW	2	2	S	8	bm	-	1
Helder...	29.92		60	*		*	*	S	4	*	*	*	*	*	2
Cape Gris Nez...	29.91f	- .11	63	61	+1	70	60	S	4	1	SW	8	bo	-	2
Brest ...	29.91f	- .09	60	58	-1	66	59	SSW	5	5	SSW	10	o	-	3
L'Orient ...	29.91f	- .08	64	62	+1	72	60	SSW	4	4	NSW	9	fo	-	3
Rochefort ...	30.01f	- .01	64	60	0	75	60	S	4	4	SW	6	e	0.02	3
Biarritz ...	29.99f	- .02	63	63	-5	79	62	E	4	4	SE	9	tm	-	3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	29.97	- .11	64	*	+3	*	*	NSW	3	*	*	*	c	*	*
Charleville ...	? 30.08	- .01	63	*	+9	*	*	SE	3	*	*	*	c	*	*
Paris ...	30.01f	- .05	62	*	+6	76	60	SE	4	4	S	3	be	0.20	*
Lyons ...	?	?	72	*	+6	*	*	SE	1	*	*	*	b	*	*
Toulon...	30.25f	- .01	66	62	-2	76	64	E	5	3	SE	7	mo	-	4

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.
Skudesnaes ...	29.88	53	51	SSE	4	*	01	5	Valencia ...						
Thurso ...									Scilly ...						
Scarborough...									London ...						*
Greencastle ...							*		Rochefort...	30.05	75	66	SW	4	6
Holyhead ...															2

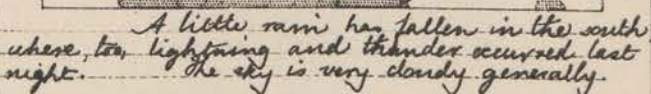
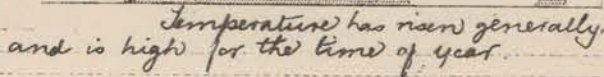
EXPLANATION OF COLUMNS.

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

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

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

MON DAY. 28TH SEPT^R 1874 AT 8 A.M.



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

Tues- day 8 a.m.

WEATHER REPORT.

Sept- 29th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 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 ...	29.73	- .09	48	48	+11	*	*	SN	4	4	SN	*	or	*	*
Hernösand ...	29.83	- .01	49	47	+4	*	*	S	2	0	Z	*	bo	*	*
Stockholm ...	29.95	+ .01	53	52	+2	*	*	S	4	2	SSN	*	of	*	*
Wisby ...						*	*					*		*	*
Christiansund...	29.58	- .09	56	52	+2	*	*	Z	0	2	ESE	*	co	*	4
Skudesnaes ...	29.64	- .20	57	57	+2	*	*	SE	8	6	SE	*	ro	*	7
Oxö (X'tiansand)	29.78	- .17	57	56	+8	*	*	SE	2	4	ESE	*	ro	*	2
Skagen (The Skaw)	29.83	- .16	58	57	+5	*	*	S	2	2	SSE	*	cr	-	*
Fanö ...	29.80	- .17	61	60	+6	*	*	SSE	2	2	SSN	*	cr	0.04	*
Cuxhaven ...	29.84 f	- .15	64	62	+9	75	?	SSN	2	1	SSN	7	bo	-	*
Sumburgh Head	29.28 f	- .28	53	53	0	57	52	S	6	6	S	10	o	-	5
Stornoway (Hebrides)	29.25 r	- .13	46	45	-9	59	40	SSN	1	8	S	10	do	0.05	3
Thurso...	29.28 f	- .19	51	50	-5	765	50	Z	0	6	S	10	er	0.32	1
Wick ...	29.25 f	- .25	51	50	-5	61	49	NE	2	5	S	10	et	0.18	2
Nairn ...	29.28 a	- .25	57	50	-8	66	49	Z	0	4	NSN	7	rc	0.21	1
Aberdeen ...	29.29 f	- .30	55	53	-1	62	53	S	2	3	S	2	b	0.03	1
Leith ...	29.36 f	- .28	54	52	-6	67	50	NSN	3	5	SN	6	c	0.17	*
Shields...	29.46 f	- .25	57	54	+2	64	54	SEN	3	5	SN	5	oc	-	1
York ...	29.58 f	- .22	57	52	-3	68	53	SN	2	3	S	0	et	0.16	*
Scarborough ...	29.56 f	- .20	58	53	-3	65	57	NSN	4	3	SSW	1	et	-	4
Nottingham ...	29.62 f	- .23	58	55	0	70	53	SSN	4	5	SSN	5	gw	0.04	*
Ardrossan ...	29.33 f	- .26	57	48	-7	61	51	SSN	2	5	S	8	p	0.41	1
Greencastle ...	29.36 r	- .14	48	46	-9	57	46	S	4	6	S	8	go	0.20	*
Donaghadee ...	29.38 r	- .19	47	47	-10	62	47	NSN	2	6	SSE	4	oc	0.63	2
Kingstown ...	29.46 r	- .17	51	47	-8	64	49	SN	2	6	?SSN	5	oc	0.46	2
Holyhead ...	29.47 f	- .28	53	50	-6	63	?	?	?	7	SN	?	?	0.32	?
Liverpool (Bidston Obs.)	29.53 f	- .18	56	51	-1	65	53	SN	2	5	SN	7	c	0.11	1
Valencia ...	29.32 f	- .16	49	48	-8	61	47	NSN	2	4	N	8	ry	0.62	3
Roche's Point...	29.36 f	- .23	50	49	-6	61	45	N	5	6	N	9	rlp	0.82	4
Pembroke ...	29.53 f	- .17	56	52	-3	60	55	SSN	4	8	S	8	ow	0.19	5
Portishead ...	29.62 f	- .17	57	55	-2	70	50	SN	4	7	SSN	7	pe	0.14	3
Scilly ...	29.59 s	- .16	57	55	-2	62	54	SSN	6	7	SSN	7	p	0.27	6
Plymouth ...	29.64 f	- .17	58	57	-2	62	56	S	5	7	S	10	gw	0.11	*
Hurst Castle ...	29.72 f	- .16	61	57	0	65	58	NSN	4	5	SN	3	pb	0.05	3
Dover ...	29.76 f	- .14	61	59	-1	64	59	SN	5	3	NSN	5	bg	-	5
London ...	29.72 f	- .15	60	57	-1	71	56	SSN	2	4	SSN	9	ob	0.03	*
Oxford...	29.67	- .17	56	54	-4	67	53	S	5	5	S	4	gc	0.02	*
Cambridge ...	29.70 f	- .19	58	54	-1	70	55	SSN	1	1	SSN	5	bc	-	*
Yarmouth ...	29.71 f	- .15	61	60	0	68	59	SSN	4	4	S	7	co	-	3
Helder...	29.79	- .13	63	*	+3	*	*	SSN	6	*	*	*	*	*	2
Cape Gris Nez...	29.82 f	- .09	60	58	-3	67	59	?	?	?	?	7	o	0.16	4
Brest ...	29.76 f	- .15	59	57	-1	64	57	SN	7	7	SSN	5	oc	-	5
L'Orient ...	29.79 r	- .12	63	58	-4	69	56	NSN	5	7	NSN	6	c	0.08	5
Rochefort ...	29.97 f	- .04	64	60	0	68	61	S	5	4	S	10	o	0.04	3
Biarritz ...	29.99 f	- .00	?	?	?	68	?	?	?	5	N	2	rc	0.16	3
Corunna ...			*	*		*	*		*	*	*	*	*	*	*
Brussels ...	29.89	- .08	64	*	0	*	*	N	3	*	*	*	c	*	*
Charleville ...	?29.96	- .12	61	*	-2	*	*	NSN	?	*	*	*	c	*	*
Paris ...	29.95 r	- .06	58	*	-4	74	58	SSE	4	4	S	3	o	-	*
Lyons ...	?	?	70	*	-2	*	*	N	1	*	*	*	o	*	*
Toulon...															

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

Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	C.	Wca.	Sea.
Skudesnaes ...	29.74	59	55	SE	6	*	Valencia ...	29.43	55	54	N	4	9
Thurso ...	29.32	65	59	S	5	4	Scilly ...	29.69	62	60	SSN	6	6
Scarborough...	29.67	65	59	SSN	3	7	London ...	29.83	68	62	SN	3	6
Greencastle ...	29.38	57	55	S	5	10	Rochefort...	30.00	67	63	S	4	10
Holyhead ...	29.57	60	58	SSN	5	6							

Pressure has continued to decrease generally, most in the N., and the wind has increased to a fresh gale from S. at Stornoway while it has veered to N. and fallen light at Valencia.

EXPLANATION OF COLUMNS.

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

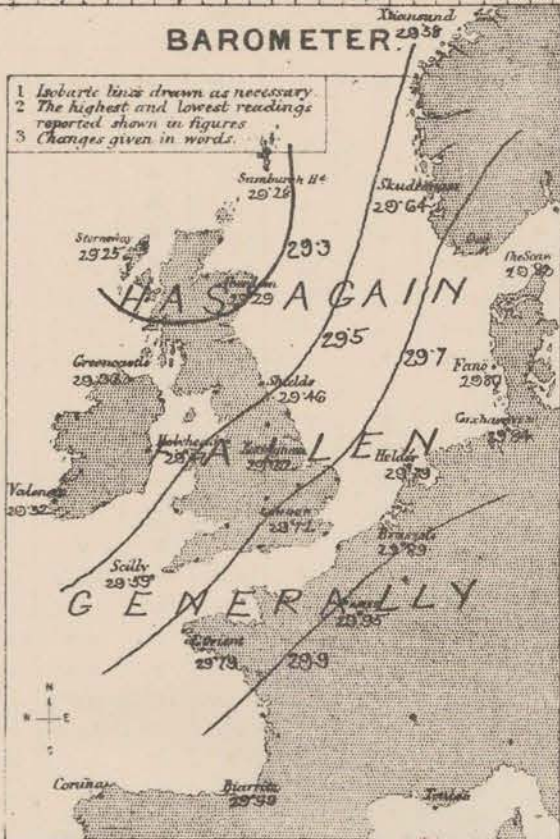
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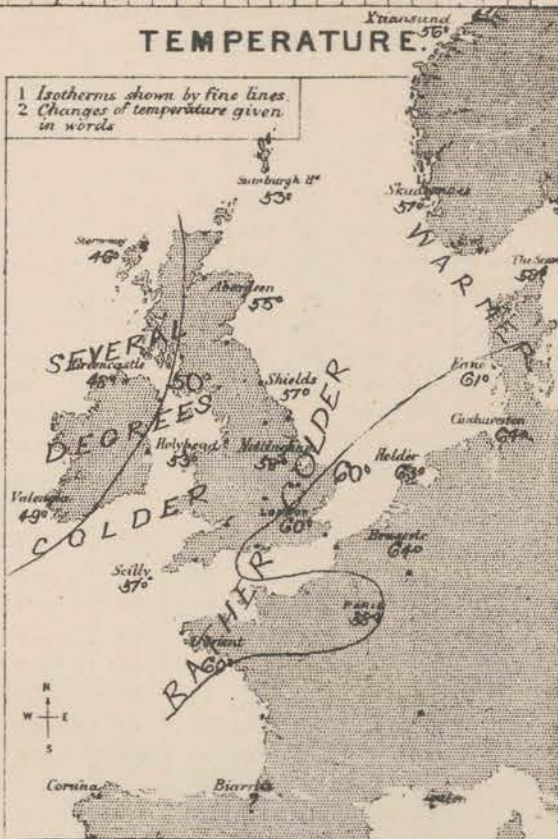
WEATHER CHARTS

AND REMARKS FOR

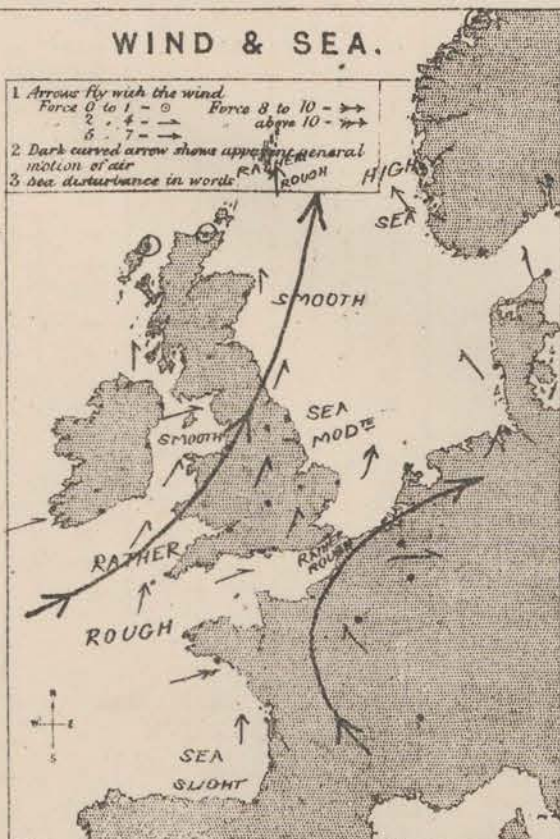
TUESDAY 29TH SEPT^R 1874 AT 8 A.M.



A further fall of the barometer has taken place over Western Europe during the past 24 hours, but the change has been very uniform except in the south-east of Ireland. The highest readings still lie over France, the lowest to the W. and the NW. of our Islands; the gradient from Paris to Donaghadee being 0.06 in. per 50 miles.

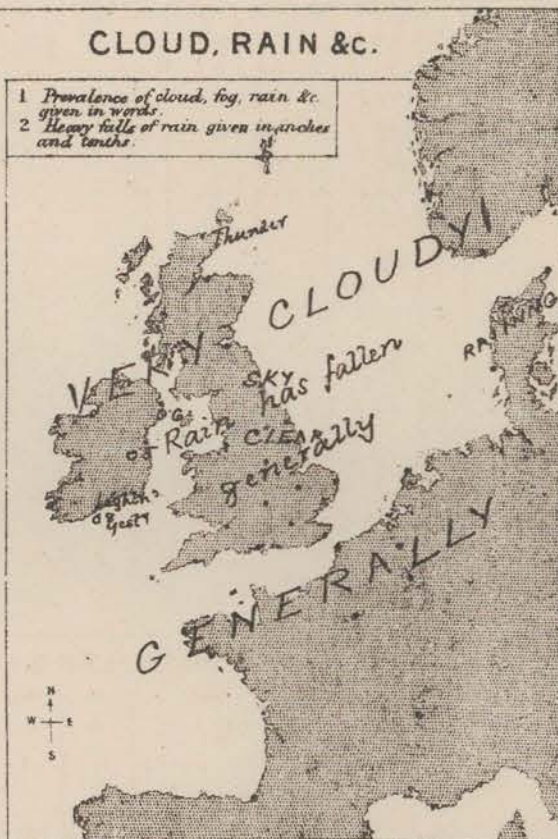


Temperature has decreased throughout our Islands and France, most in the west, but rain quickly on the eastern shores of the North Sea.



SW. and S. winds still prevail in the British Isles, and though moderate generally blow strongly at the mouth of the Channel. At Skudenes a fresh SE. gale is reported.

The sea continues rather rough in the west.



The sky is very cloudy, except in the north-east of England, and the weather shows, thunder having occurred at Wick, and lightning at Roches Pt.

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Delivery by hand 10/- per quarter
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Meteorological Office
116, Victoria Str.^t. Westminster. S.W.
ROBERT H. SCOTT, Director.

Wednesday - day 8 a.m.

WEATHER REPORT.

Sept 30th

1874.

STATIONS.	BAROMETER.		THERMOMETERS. (In shade).					WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Distur- bance. — 0 to 9.
	At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
			Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)	Dirac.				
Haparanda	29.80	- .07	48	47	0	*	*	SN	2	2	SN	*	o	*	*
Hernösand	29.81	- .02	48	48	-1	*	*	Z	0	0	Z	*	6f	*	*
Stockholm	29.91	- .04	57	55	+4	*	*	SN	2	2	SN	*	f	*	*
Wisby ...	30.06		58	57		*	*	N	2	4	SN	*	c	*	*
Christiansund	29.56	- .02	55	51	-1	*	*	SSN	4	0	Z	*	c	*	3
Skudesnaes	29.78	+ .14	54	50	-2	*	*	S	6	8	SSC	*	o	*	5
Oxö (X'tiansand)	29.83	+ .05	55	55	-2	*	*	SSN	2	4	SSN	*	e	*	2
Skagen (The Skaw)	29.90	+ .07	56	55	-2	*	*	S	2	2	NSN	*	6f	0.51	*
Fanö ...	29.89	+ .09	61	60	0	*	*	SSN	4	4	SN	*	bc	0.55	*
Cuxhaven	29.94r	+ .10	59	58	-5	70	?	SSN	1	1	SN	6	ob	0.02	*
Sumburgh Head	29.43r	+ .15	49	48	-4	54	48	S	7	8	S	8	o	0.03	6
Stornoway (Hebrides.)	29.30r	+ .05	46	45	0	52	42	S	7	7	S	8	rg	0.31	9
Thurso...	29.42r	+ .14	47	44	-4	58	42	S	4	4	SSE	0	ob	0.23	3
Wick ...	29.46r	+ .21	53	45	-1	?	41	SSN	4	7	SN	2	b	0.52	2
Nairn ...	29.45r	+ .17	49	45	-2	55	42	N	4	4	N	0	cpb	0.31	1
Aberdeen	29.54r	+ .25	49	47	-6	60	44	S	3	7	S	4	tlc	0.22	4
Leith ...	29.60r	+ .24	48	45	-6	62	42	S	2	6	SN	0	cpb	0.25	*
Shields...	29.68r	+ .22	49	49	-8	63	47	SSN	1	8	SN	8	am	-	1
York ...	29.76r	+ .18	49	46	-8	64	41	S	1	2	S	3	cb	0.04	*
Scarborough	29.75r	+ .19	51	49	-7	62	47	SSN	3	4	SSN	8	co	0.05	2
Nottingham	29.78r	+ .16	52	49	-6	66	48	S	3	5	SSN	1	uo	-	*
Ardrossan	29.54r	+ .21	51	47	0	55	50	SSN	5	7	SN	5	pc	0.17	4
Greencastle	29.49r	+ .13	47	44	-1	50	44	SN	6	6	SN	8	o	0.08	*
Donaghadee	29.56r	+ .18	46	45	-1	53	43	SSE	5	7	SSN	3	o	0.08	3
Kingstown	29.63r	+ .17	49	45	-2	58	48	SSE	1	6	NSN	1	gt	0.03	1
Holyhead	29.66r	+ .19	50	48	-3	57	49	?	3	7	SSN	5	pte	0.63	2
Liverpool (Bidston Obs.)	29.70r	+ .17	48	45	-8	60	46	SSE	2	7	SN	9	o	0.02	2
Valencia	29.62r	+ .30	51	47	+2	55	47	N	3	4	N	4	pc	0.19	4
Roche's Point...	29.65r	+ .29	50	47	0	59	45	NNN	4	6	N	5	htc	0.25	4
Pembroke	29.70r	+ .17	53	48	-3	58	50	N	2	8	SN	4	gtf	0.16	3
Portishead	29.74r	+ .12	53	51	-2	64	48	NSN	3	7	SN	7	gc	0.05	2
Scilly ...	29.73r	+ .14	53	51	-4	58	50	SSN	4	7	NSN	6	gc	0.17	6
Plymouth	29.77r	+ .13	54	53	-4	61	52	SN	2	8	NSN	2	gm	0.04	*
Hurst Castle	29.81r	+ .09	58	52	-3	72	56	N	3	5	N	3	pb	0.03	3
Dover ...	29.88r	+ .12	56	54	-5	64	54	Z	0	5	SSN	8	gw	0.03	1
London	29.82r	+ .10	55	53	-5	69	51	S	2	5	SN	9	gro	0.10	*
Oxford...	29.79	+ .12	51	50	-5	64	49	S	1	8	S	4	gm	-	*
Cambridge	29.80r	+ .10	54	52	-4	67	50	S	1	1	SSN	9	co	0.01	*
Yarmouth	29.86r	+ .15	53	52	-8	65	52	SSE	1	5	SSN	8	cr	0.16	2
Helder...	29.85	+ .06	59	*	-4	*	*	SN	6	*	*	*	*	*	2
Cape Gris Nez...	29.84f	+ .02	57	55	-3	67	58	NSN	1	5	SN	10	ro	0.35	2
Brest ...	29.83f	+ .07	57	57	-2	62	55	SN	3	7	SN	5	o	0.04	5
L'Orient	29.82f	+ .03	54	54	-6	67	52	NE	1	7	SN	7	o	0.04	5
Rochefort	29.85f	+ .12	61	57	-3	74	58	SE	4	5	S	5	oo	-	3
Biarritz	29.85f	+ .14	67	65	?	71	61	SSE	4	4	S	7	of	-	5
Corunna			*	*		*	*				*	*	*	*	*
Brussels	29.86	- .03	62	*	-2	*	*	SN	?	*	*	*	r	*	*
Charleville	? 29.93	- .03	57	*	-4	*	*	SE	1	*	*	*	c	*	*
Paris ...			*	*		*	*				*	*		*	*
Lyons ...	?	?	67	*	-3	*	*	SE	1	*	*	*	b	*	*
Toulon...	30.08f	- .02	63	59	+4	66	58	E	5	7	E	5	of	-	4

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

	Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	O.	Wea.	Sea.	
Skudesnaes ...	29.64	58	57	SSC	8	*	2	7	Valencia ...	29.41	50	47	N	4	6	4
Thurso ...	29.32	53	50	Z	0	9	r	1	Scilly ...	29.66	56	51	NSN	6	5	6
Scarborough...	29.56	62	55	SSN	4	7	c	3	London ...	29.74	65	57	SN	4	9	c
Greencastle ...	29.27	50	48	SE	4	10	og	*	Rochefort...	29.99	74	65	S	4	5	c
Holyhead ...	29.40	53	51	SSN	6	6	c6g	5								

Pressure has recovered a little except on our river coasts, towards which regions the shallow disturbances which lay over the S. of Ireland this morning is now travelling. The wind has become strong and squally from the S. in St. George's Channel, and showers of hail with thunder have occurred at Roche Point and Pembroke.

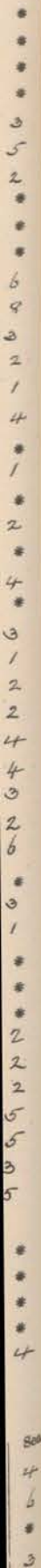
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N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposition direction.

Sea
Disturb
ance.
—
0 to 9.



Doves to Ardrossan is only 0.05 in; while that from Leith to Stormoway is 0.10 in per 50 miles, for Sth and Sthth winds



Damant - 1 1/2 1/4. Londot.

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CORRECTIONS AND ADDITIONS TO THE REPORTS FOR SEPT^r 1874

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	BAROMETER.		THERMOMETERS. (In shade).				WIND.				Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturb- ance. 0 to 3.	
		At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	Change since yesterday	At 8 A.M.		Change in the dry bulb since yesterday.	In past 24 hours.		At 8 A.M.		Extreme.					
				Dry bulb.	Wet bulb.		Max.	Min.	Dirac.	Force. (0 to 12.)	Force. (0 to 12.)					Dirac.
2 nd	Corunna	30.20	—	68	*	*	*	*	S	3	*	*	*	c	*	1
4 th	L'Orient	?	?	59	55	+2	67	55	NW	4	11	W	2	cb	0.16	5
5 th	Corunna	30.13	—	80	*	—	*	*	E	3	*	*	*	b	*	1
7 th	Corunna	30.31	+18	61	*	-19	*	*	NE	3	*	*	*	b	*	1
8 th	Corunna	30.15	—	58	*	—	*	*	NE	3	*	*	*	b	*	1
9 th	Corunna	30.12	-03	67	*	+9	*	*	NW	?	*	*	*	of	*	1
9 th	Haparanda	29.94	+03	41	39	+4	*	*	N	2	2	N	*	bc	*	*
9 th	Hernösand	29.93	+04	43	42	-5	*	*	Z	0	0	Z	*	b	*	*
9 th	Stockholm	29.99	+15	53	51	+3	*	*	SE	2	0	Z	*	c	*	*
9 th	Wistby	30.04	+14	52	50	-1	*	*	SE	2	2	NW	*	bc	*	*
9 th	Christiansund	29.81	-13	57	46	+1	*	*	ESE	4	2	ENE	*	b	*	1
9 th	Stundesnaes	29.72	-19	56	52	+6	*	*	ESE	6	6	ESE	*	o	*	4
9 th	Oso	29.85	?	55	53	?	*	*	SE	4	4	SE	*	ro	*	3
9 th	Skagen	29.92	-05	55	55	+4	*	*	S	4	2	S	*	bo	—	*
9 th	Tanis	29.81	-14	54	54	+4	*	*	SSE	4	2	SE	*	bo	—	*
9 th	Hairon	29.29f	-49	52	50	-1	62	42	Z	0	0	Z	10	ct	0.07	1
10 th	Hairon	29.09f	-20	55	50	+3	57	45	Z	0	0	Z	3	b	—	1
10 th	Liverpool	29.39f	-05	52	48	0	60	47	WSW	4	5	WSW	10	co	0.03	2
10 th	Corunna	30.09	—	67	*	—	*	*	SW	1	*	*	*	o	*	1
11 th	Hairon	—	+25	—	—	-5	—	—	—	—	—	—	—	—	—	—
11 th	Corunna	30.22	+13	67	*	0	*	*	SW	3	*	*	*	o	*	2
12 th	Haparanda	29.27	-62	48	48	-1	*	*	N	2	6	SE	*	t	*	*
12 th	Hernösand	29.31	-29	48	46	-4	*	*	S	2	6	S	*	f	*	*
12 th	Stockholm	29.37	-28	52	50	-3	*	*	S	2	2	SW	*	bc	*	*
12 th	Wistby	29.39	-46	56	53	+2	*	*	SW	2	2	W	*	bc	*	*
14 th	Lumburgh H.	29.94f	-07	43	42	-3	54	49	SSW	4	4	WNW	8	cw	—	5
14 th	Valencia	30.19f	-09	57	52	0	63	52	SSW	4	4	SSW	4	bc	—	3
14 th	Corunna	30.24	—	62	*	—	*	*	NE	1	*	*	*	b	*	1
15 th	Lumburgh H.	29.57f	-43	55	55	+12	57	52	W	8	8	WSW	10	cq	1.00	8
15 th	L'Orient	30.24f	-09	53	53	+1	67	50	E	3	3	SSE	1	cb	—	2
19 th	Lumburgh H.	29.62f	+45	50	50	0	53	45	W	5	7	W	9	d	0.09	5
19 th	Corunna	30.18	—	61	*	—	*	*	NE	3	*	*	*	?	*	?
20 th	Dover	29.98f	-12	60	56	+4	62	51	SE	2	3	WSW	0	b	—	1
20 th	Oxford	29.92f	-12	59	57	+5	65	50	SW	1	1	WSW	10	co	—	*
21 st	Skagen	29.99	-03	57	55	-1	*	*	SW	2	2	SW	*	oc	*	*
21 st	Tanis	29.89	-10	56	54	+2	*	*	SE	2	2	SE	*	b	—	*
21 st	Lumburgh H.	29.71f	+12	48	48	-3	52	45	ENE	7	5	ENE	10	t	0.44	6
22 nd	Corunna	29.94	—	60	*	—	*	*	SW	6	*	*	*	c	*	7
23 rd	Corunna	29.71	-23	62	*	+2	*	*	SW	3	*	*	*	dc	*	17
23 rd	Paris	29.93f	-09	61	*	+5	69	58	ESE	1	3	SE	10	fr	0.04	*
24 th	Skagen	29.88	-27	59	57	+2	*	*	SE	2	2	SE	*	fc	—	*
24 th	Tanis	29.75	-39	60	59	+2	*	*	SSW	2	4	E	*	ct	0.08	*
24 th	L'Orient	30.13f	+29	56	56	+1	73	58	ESE	3	4	E	8	cm	0.04	2
24 th	Corunna	30.04	+33	65	*	+2	*	*	SW	1	*	*	*	c	*	1
25 th	Skagen	29.91	+05	55	52	-4	*	*	W	6	10	W	*	c	0.08	*
26 th	Skagen	29.91	00	54	50	-1	*	*	W	8	8	WNW	*	co	—	*
27 th	Skagen	—	+14	—	—	-1	—	—	—	—	—	—	—	—	—	—
29 th	London	30.10f	-15	59	57	-7	73	58	E	5	5	E	9	ro	1.14	5
30 th	Corunna	29.78	—	59	*	—	*	*	SW	1	*	*	*	o	*	5
30 th	Paris	29.89f	-06	57	*	-1	70	57	S	3	4	?	10	ot	0.04	*
2. CORRECTIONS.																
1 st	Liverpool	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—
2 nd	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
2 nd	York	—	—	—	—	—	72	—	—	—	—	—	—	—	—	—
3 rd	Lumburgh H.	—	—	54	52	-1	58	52	—	—	—	—	—	—	—	—
3 rd	Scarboro'	—	—	—	—	—	—	—	SW	—	—	—	—	—	—	—
3 rd	Rockes Point	—	—	—	—	—	65	—	—	—	—	—	—	—	—	—
4 th	Valencia	—	—	60	55	—	—	—	—	—	—	—	—	—	—	—
4 th	Lumburgh H.	—	—	—	—	-1	—	48	WNW	—	—	—	—	—	—	—
4 th	Scilly	—	—	—	—	—	—	—	W	—	—	—	—	—	—	—
4 th	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
4 th	Paris	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	—
5 th	Lumburgh H.	—	—	—	—	—	—	—	N	—	—	—	—	—	—	—
5 th	Hairon	—	—	—	—	—	—	—	—	—	WNW	—	—	—	—	—

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

Danserfield Lith. London.