

5732

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER,
1880.



Dangerfield & Co. London

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC 31ST 1880.

DAILY WEATHER REPORT^{1st} JULY

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rain.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.61	58	S	2	o	29.61	— 08	54	54	— 5	S	2	o	*	66	54	0.32		
Hernösand	29.61	53	Z	0	f	29.62	— 00	54	54	+ 1	NE	2	r	*	59	48	0.04		
Stockholm	29.60	61	SH	2	o	29.61	— 00	67	62	+ 3	SSH	2	c	*	72	55	—		
Wishy	29.62	60	SH	2	bc	29.68	— 01	64	62	+ 3	SSH	2	o	*	73	54	—		
Bodo	29.54	51	Z	0	v	29.54	— 02	52	49	— 1	E	2	c	1	55	48	—		
Christiansund	29.61	51	H	3	bc	29.54	— 08	53	49	+ 2	NNN	1	b	3	54	39	—		
† Skudesnaes	29.58	54	NNN	6	bc	29.53	— 14	55	51	0	Z	0	o	2	56	54	—		
Oxö (Klansund)	29.59	54	SH	2	f	29.46	— 13	55	53	0	SSH	4	c	2	?	52	0.08		
Skagen (The Skaw)	29.62	60	SSH	4	o	29.60	— 05	58	57	— 1	SSH	2	r	0	66	54	—		
Fanö	29.67	58	SSH	4	c	29.62	— 13	63	59	+ 3	SSH	1	c	*	66	55	—		
Cuxhaven	29.79	68	NN	1	m	29.68	— 19	61	61	— 3	SH	1	r	*	73	57	0.34		
† Sumburgh Head	29.67	54	E	2	c	29.61	— 10	53	50	0	E	3	c	3	56	47	—		
† Stornoway	29.60	54	NE	3	r	29.51	— 14	56	55	0	N	3	o	3	57	52	0.11		
Wick	29.63	54	E	1	o	29.56	— 12	50	50	— 2	SSE	2	r	2	58	47	0.47		
Nairn	29.56	65	NE	1	r	29.53	— 12	54	53	— 2	NE	3	o	3	62	53	0.39		
† Aberdeen	29.61	54	E	1	r	29.54	— 10	53	53	— 2	ENE	1	o	2	56	50	0.43		
Leith	29.58	60	E	1	c	29.55	— 09	59	54	— 1	H	1	c	*	72	53	0.03		
† Shields	29.61	67	H	2	bc	29.58	— 11	58	54	— 3	H	4	c	2	68	54	0.02		
Spurn Head	29.69	65	SSH	1	c	29.61	— 16	60	59	— 6	H	4	o	3	71	58	—		
York	29.67	64	SH	2	o	29.63	— 14	59	57	+ 1	H	2	o	*	66	56	0.10		
Nottingham	29.71	69	SH	1	c	29.68	— 11	61	58	— 4	SH	2	o	*	74	55	—		
† Ardrossan	29.63	58	WNW	3	c	29.61	— 04	56	53	0	NNN	3	o	2	63	53	0.02		
† Mullaghmore	29.73	57	NW	6	og	29.70	— 03	55	53	— 1	H	4	pdps	3	60	51	0.06		
Donaghadee	29.65	46	SSH	2	o	29.68	— 02	56	54	— 5	WNW	24	c	2	66	52	0.02		
Parsonstown	29.76	59	H	2	o	29.74	— 02	55	53	— 4	NNN	1	o	*	62	50	0.06		
Barrow-in-Furness	29.67	59	SH	3	o	29.64	— 10	55	53	— 2	NN	4	o	3	63	53	0.08		
† Holyhead	29.70	57	SSH	2	r	29.71	— 06	55	53	— 1	NN	3	o	2	61	54	0.11		
Liverpool (Bidston)	29.69	62	H	1	c	29.67	— 09	56	53	— 1	NNN	2	o	1	63	54	0.04		
† Valentia	29.82	59	NN	4	c	29.80	— 00	60	56	+ 1	NNN	4	bc	3	64	53	—		
Roche's Point	29.78	61	NNW	4	c	29.78	— 01	58	54	— 2	NN	3	bc	3	70	56	0.38		
Pembroke	29.75	57	SH	3	o	29.74	— 08	55	53	— 1	NN	1	of	1	59	52	0.02		
† Scilly	29.80	61	H	2	of	29.80	— 05	58	56	0	NN	4	o	3	65	55	0.03		
Prawle Point	29.79	58	SH	4	f	29.75	— 11	56	56	0	SSH	4	o	3	63	54	—		
Hurst Castle	29.78	59	H	4	cm	29.74	— 13	58	57	+ 4	H	5	cm	4	62	54	—		
† Dover	29.73	62	SSH	2	bc	29.72	— 12	58	57	— 2	SSH	4	of	3	64	57	0.11		
† London	29.73	69	SH	3	o	29.72	— 14	60	59	+ 1	SSH	2	r	*	79	59	0.07		
Oxford	29.74	64	SSH	2	bc	29.68	— 16	59	58	+ 2	SSH	1	o	*	71	57	0.11		
Cambridge	29.69	71	SH	1	c	29.66	— 16	61	60	+ 3	SH	1	r	*	75	57	0.03		
† Yarmouth	29.72	68	Z	0	bc	29.66	— 16	63	60	+ 2	SSH	2	o	2	73	59	—		
The Helder	29.73	68	SSH	1	c	29.68	— 13	60	58	— 2	SH	2	o	2	68	57	—		
Cape Gris Nez	29.77	60	Z	0	b	29.75	— 14	57	57	— 3	SH	5	f	4	70	55	0.12		
† Jersey	29.87	58	SSH	1	cg	29.83	— 05	57	57	— 2	H	3	f	3	64	53	0.03		
Brest	29.87	60	SSH	3	o	29.86	— 05	58	57	+ 2	NNN	3	o	2	61	57	0.04		
Lorient	29.86	61	H	3	o	29.84	— 04	60	59	— 2	NN	3	m	1	70	57	0.08		
† Rochefort	29.93	64	H	5	o	29.91	— 01	64	63	— 4	SSH	7	r	2	79	59	—		
† Biarritz	30.00	64	NN	1	bc	29.95	— 07	64	61	+ 3	S	1	ot	3	73	59	0.08		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.77	— 09	60	58	— 8	SH	4	o	*	79	57	0.16		
Charleville	29.74	72	E	3	c	29.84	— 03	64	57	— 3	S	3	bc	*	72	60	—		
Paris	29.70	75	Z	0	c	29.84	— 00	68	62	+ 1	SH	4	c	*	*	*	—		
Lyons	29.82	82	S	?	?	29.93	— 00	68	63	— 1	E	1	o	*	87	64	—		
Toulon	29.95	73	SH	3	b	29.97	— 04	73	60	+ 2	Z	0	b	c	82	63	—		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.47	56	SH	4	oup	28.41	— 10	52	51	— 1	SSH	2	o	59	49	0.25			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.62	56	50	NNW	5	a	2	Valentia ...	29.81	63	60	NNW	3	c
Sumburgh Head	29.69	54	51	W	1	o	0	Scilly ...	29.83	63	62	NNW	2	of d
Stornoway ...	29.64	55	54	NE	3	o	3	Dover ...	29.78	62	59	NNW	1	bc
Aberdeen ...	29.63	56	55	E	1	d	2	London ...	29.78	72	62	SW	2	bc
Shields ...	29.64	66	60	W	2	c	2	Yarmouth ...	29.77	72	61	W	2	b
Ardrossan ...	29.63	61	59	NNW	1	c	1	Jersey ...	29.88	63	58	NNW	2	cm
Mullaghmore ...	29.74	58	55	NNW	5	og	5	Rochefort ...	29.92	68	64	W	7	o
Holyhead ...	29.74	61	59	SW	4	m	3							

The barometer is inclined to rise slightly in Ireland, where the wind has veered to NW and remains moderate in force.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.
 + Received too late for insertion in Chart.

DAILY WEATHER REPORT 2ND JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 6).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.67	54	Z	0	0	29.67	+ .05	63	61	+ 9	S	2	0	*	63	52	—		
Hernösand	29.63	53	SE	2	f	29.65	+ .03	57	50	+ 3	NE	2	f	*	61	50	0.08		
Stockholm	29.62	68	SSW	2	c	29.62	+ .01	67	63	0	W	2	c	*	75	55	0.16		
Wisby	29.66	65	SSE	4	0	29.66	— .02	63	58	— 1	W	4	bc	*	77	54	—		
Bodo	29.62	51	NE	2	b	29.54	00	51	49	— 1	NE	2	c	1	54	49	—		
Christiansund	29.52	54	NNE	5	b	29.40	— .14	51	48	— 2	E	1	f	3	57	43	0.04		
† Skudesnaes	29.48	51	Z	0	0	29.45	— .08	51	51	— 4	NNW	4	r	2	55	50	—		
Oxö (Xilansund)	29.53	58	SW	4	f	29.54	— .02	58	57	+ .3	SSW	4	c	2	61	?	0.12		
Skagen (The Skaw)	29.59	59	SW	2	0	29.58	— .02	56	55	— 2	W	4	r	1	65	52	0.16		
Fanö	29.62	59	WSW	2	c	29.67	+ .05	64	60	+ 1	W	4	b	*	68	57	0.04		
Cuxhaven	29.73	66	W	2	r	29.74	+ .06	63	63	+ 2	W	3	c	*	66	57	0.10		
† Sumburgh Head	29.58	52	ENE	3	0	29.57	— .04	51	49	— 2	N	2	0	1	56	47	—		
† Stornoway	29.63	56	NE	2	c	29.56	+ .05	56	55	0	ENE	4	b	4	57	54	—		
Wick	29.57	53	ESE	3	0	29.57	+ .01	56	53	+ 6	SE	2	0	2	56	49	0.05		
Nairn	29.56	54	Z	0	r	29.56	+ .03	56	53	+ 2	Z	0	b	0	58	46	0.08		
† Aberdeen	29.56	52	ENE	1	r	29.58	+ .04	56	54	+ 3	S	1	0	2	58	50	0.10		
Leith	29.57	55	N	1	c	29.59	+ .04	58	54	— 1	E	1	0	*	64	48	0.25		
† Shields	29.59	61	W	3	b	29.62	+ .04	59	55	+ 1	SW	2	0	1	65	49	—		
Spurn Head	29.59	61	W	3	c	29.70	+ .09	61	58	+ 1	SW	4	bc	2	64	51	—		
York	29.65	61	W	3	b	29.68	+ .05	57	54	— 2	SSW	1	b	*	65	48	—		
Nottingham	29.69	62	NNW	1	c	29.73	+ .05	63	59	+ 2	SSW	3	b	*	68	45	0.09		
† Ardrossan	29.61	59	NNW	4	b	29.57	— .04	56	52	0	SW	3	0	3	62	49	0.03		
† Mullaghmore	29.67	59	NNW	3	c	29.54	— .16	55	54	0	SSW	4	ogm	3	61	53	0.28		
Donaghadee	29.72	55	S	1	0	29.60	— .08	56	56	0	S	2	0	0	62	52	0.12		
Parsonstown	29.71	62	W	2	c	29.61	— .13	56	55	+ 1	SSW	1	od	*	64	54	0.13		
Barrow-in-Furness	29.66	57	W	3	c	29.63	— .01	57	55	+ 2	SW	3	c	3	61	54	—		
† Holyhead	29.72	66	SSW	3	bc	29.66	— .05	55	55	0	SW	2	r	2	61	53	0.02		
Liverpool (Bidston)	29.70	59	W	3	bc	29.67	00	59	56	+ 3	SSE	1	0	1	61	53	—		
† Valentia	29.77	57	W	3	op	29.66	— .14	58	57	— 2	SW	5	odg	5	64	54	0.17		
Roche's Point	29.76	58	W	3	c	29.69	— .09	59	57	+ 1	WSW	4	c	4	68	55	0.25		
Pembroke	29.76	58	W	1	b	29.72	— .02	55	55	0	SW	2	odm	3	60	54	0.04		
† Scilly	29.84	60	NNW	4	c	29.82	+ .02	57	57	— 1	WSW	5	op	4	62	55	0.03		
Prawle Point	29.79	60	W	4	bc	29.83	+ .08	58	51	0	SW	4	0	4	63	53	—		
Hurst Castle	29.74	61	W	4	bc	29.84	+ .10	58	57	0	NNW	3	c	3	63	55	—		
† Dover	29.71	59	WSW	4	c	29.83	+ .11	59	55	+ 1	WSW	3	b	2	64	53	0.01		
† London	29.71	63	WSW	2	c	29.82	+ .10	61	56	+ 1	SW	2	bc	*	69	49	0.36		
Oxford	29.73	58	NNW	1	0	29.76	+ .08	59	55	0	S	3	0	*	64	50	0.15		
Cambridge	29.68	60	NW	1	0	29.78	+ .12	60	58	— 1	SW	1	cp	*	66	46	0.14		
† Yarmouth	29.67	60	SW	1	r	29.77	+ .11	60	56	— 3	WSW	2	b	1	65	55	0.59		
The Helder	29.67	60	WSW	1	c	29.77	+ .09	61	56	+ 1	W	1	b	1	64	59	—		
Cape Gris Nez	29.76	58	SW	4	0	29.84	+ .09	?	55	?	W	4	bc	2	63	55	0.04		
† Jersey	29.85	60	NNW	4	b	29.94	+ .11	58	56	+ 1	SW	3	cg	3	64	54	—		
Brest	29.89	63	W	3	b	29.94	+ .08	58	55	0	WSW	4	0	3	63	55	—		
Lorient	29.86	62	NNW	5	b	29.95	+ .11	59	56	— 1	NNW	3	c	3	66	54	—		
† Rochefort	?	64	NNW	4	c	30.00	+ .09	62	59	— 2	SE	3	0	2	70	57	—		
Biarritz	29.95	67	NNW	4	0	29.99	+ .04	63	61	— 1	NNE	3	0	2	70	59	0.08		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.86	+ .09	61	57	+ 1	SW	3	bc	*	73	56	0.12		
Charleville	29.80	66	WSW	7	r	29.88	+ .04	61	58	— 3	W	1	bc	*	78	55	0.20		
Paris	29.81	68	WSW	3	c	29.97	+ .13	59	56	— 9	WSW	3	bc	*	*	*	0.67		
Lyons	29.90	66	WSW	1	r	29.98	+ .05	64	60	— 4	ENE	1	c	*	74	57	0.20		
Toulon	29.97	76	W	1	b	30.02	+ .05	74	62	+ .1	Z	0	b	0	84	66	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.43	53	WSW	5	bc	28.43	+ .02	52	49	0	WSW	3	ow	*	56	49	0.35		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.43	53	WSW	5	bc	28.43	+ 0.2	52	49	0	WSW	3	ow	*	56	49	0.35		
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

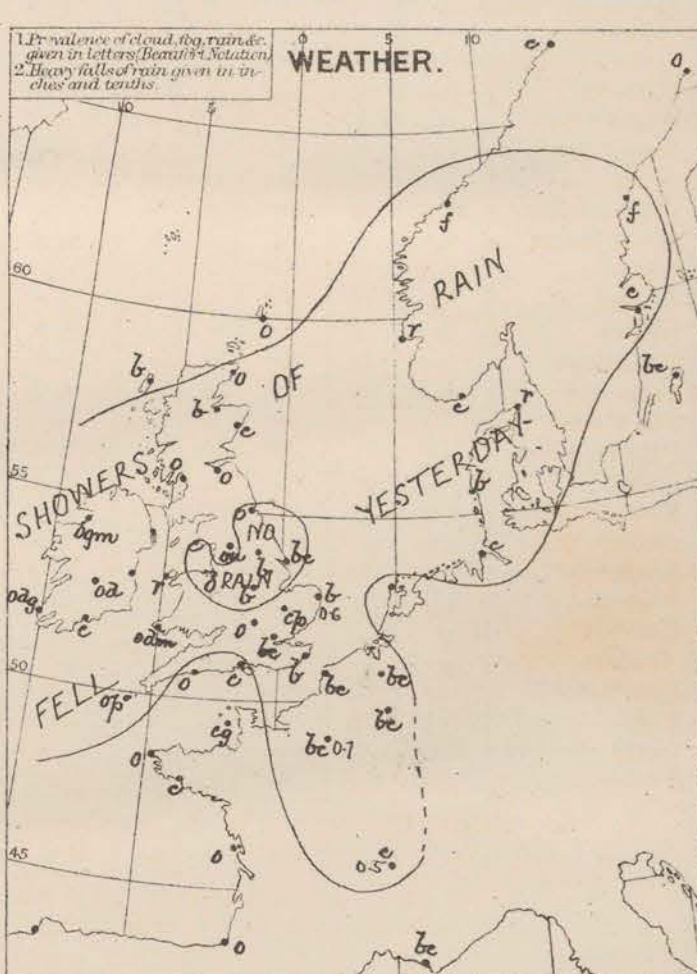
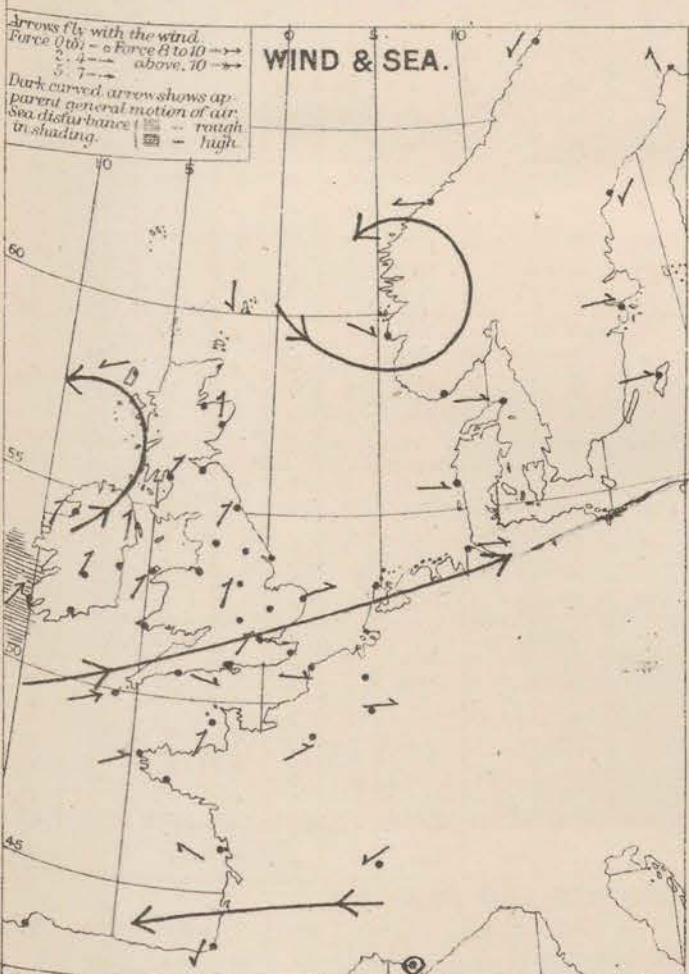
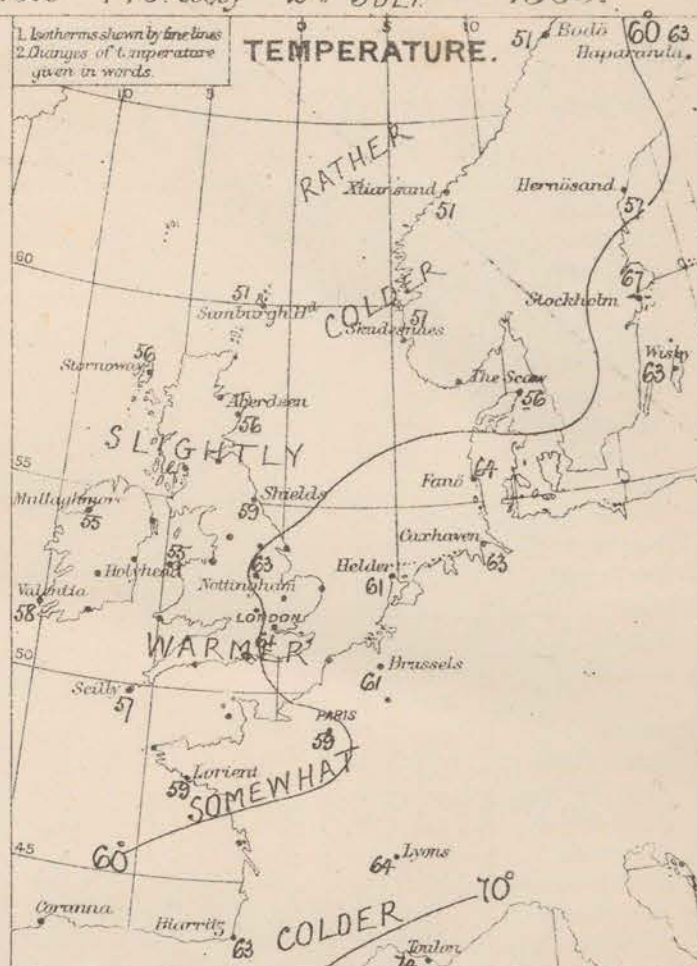
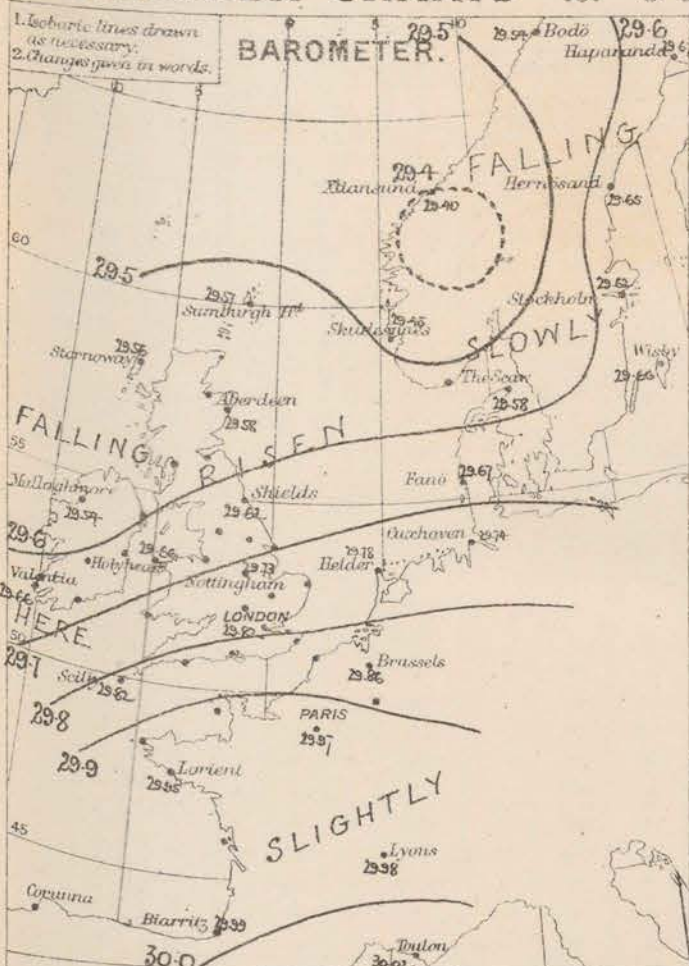
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.50	55	50	SSE	3	r	2	Valentia ...	29.79	60	58	W	4	op	5
Sumburgh Head	29.61	53	49	ENE	3	c	3	Scilly ...	29.82	62	57	NNW	4	c	4
Stornoway ...	29.62	56	54	N	2	c	3	Dover ...	29.70	63	61	WSW	4	b	3
Aberdeen ...	29.54	55	54	ENE	1	o	2	London ...	29.69	63	61	W	2	opt	*
Shields ...	29.58	63	54	W	4	o	2	Yarmouth ...	29.65	61	60	N	1	r	2
Ardrossan ...	29.62	57	54	NNW	4	o	2	Jersey ...	29.83	62	60	W	3	bc	3
Mullaghmore ...	29.69	59	56	NNW	4	bc	3	Rochefort ...	29.93	68	63	W	5	o	2
Holyhead ...	29.72	58	55	NNW	3	c	2								

Pressure is increasing somewhat in the Atlantic, but is not changing much elsewhere. At Valentia, however, the barometer is falling, and the wind backing with slowly unsettled weather. In Scotland NE to N winds are reported.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 2nd July 1880.



REMARKS. The weather this morning is, for a time, finer over the Est and Nth parts of Great Britain than it was yesterday, but is again cloudy dull and rainy over our Wst districts. Pressure remains, on the whole, highest in the Sth and lowest in the Nth districts, and while it is increasing a little in the E and SE, it is falling rather decidedly in the W and N. Temperature has risen a little in the E and N, and readings now vary from 55° to 63° over our Islands generally. During yesterday they rose to 64° in London, and to between 60° and 65° in other parts of England - showing a decrease of several degrees from the values for Wednesday. The wind (after being W or NW in most parts of England and Ireland) has backed to SW or S, and is freshening in the W of Ireland, while it remains E at the Scotch stations. Showers of rain fell very generally yesterday, accompanied by thunder and lightning in some places. The sea is rather rough at Valentia, moderate in the SW generally, smooth in most other places. It seems evident that a fresh series of depressions is advancing to us from the W and that showery, thundery weather is still probable.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 3RD JULY 1880.

STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.66	61	L	0	0	29.67	00	56	55	-7	S	2	0	*	66	55	—		
Hernösand	29.61	53	ENE	2	f	29.65	00	61	57	+4	SSE	2	bc	*	?	48	0.12		
Stockholm	29.71	61	WSW	2	b	29.83	+21	65	57	-2	SW	2	bc	*	75	59	0.04		
Wisby	29.74	59	SSW	4	b	29.85	+19	62	59	-1	W	2	c	*	75	52	0.04		
Bodö	29.74	60	NE	2	c	29.82	-12	50	49	-1	SW	4	+	3	68	50	0.04		
Christiansund	29.52	50	NW	5	f	29.78	+33	56	48	-1	W	5	f	3	55	41	—		
† Skudesnaes	29.70	59	W	2	bc	29.76	+31	56	52	+5	SE	2	c	3	59	51	—		
Oxö (Xiansund)	29.70	56	SW	4	b	29.81	+27	58	54	0	NE	2	c	2	59	50	—		
Skagen (The Skaw)	29.79	56	WSW	4	b	29.85	+27	57	55	+1	WSW	3	b	0	64	46	0.08		
Fanö	29.84	57	WSW	1	b	29.84	+17	67	61	+3	SW	4	c	*	?	55	—		
Cuxhaven	29.89	64	WSW	2	c	29.90	+16	65	63	+2	SSW	2	b	*	66	52	0.12		
† Sumburgh Head	29.65	54	NW	3	b	29.76	+19	56	51	+5	ENE	4	b	3	58	44	—		
† Stornoway	29.60	57	E	3	b	29.63	+07	55	54	-1	E	6	0	4	59	53	—		
Wick	29.60	53	SE	4	bc	29.68	+11	54	53	-2	ENE	3	0	3	62	52	—		
Nairn	29.55	60	L	0	0	29.61	+05	56	55	0	ENE	2	c	2	61	53	0.16		
† Aberdeen	29.58	57	SSE	1	c	29.60	+02	55	55	-1	ENE	2	f	2	61	54	0.06		
Leith	29.54	60	E	1	c	29.61	+02	56	55	-2	E	1	*	*	63	48	0.23		
† Shields	29.58	58	SW	2	r	29.56	-06	58	55	-1	SW	3	c	1	65	53	0.11		
Spurn Head	29.65	60	SSW	6	0	29.64	-06	58	58	-3	SSW	5	0	4	67	56	—		
York	29.62	60	S	1	r	29.61	-07	56	55	-1	S	3	0	*	65	54	0.08		
Nottingham	29.67	61	SSW	3	0	29.65	-08	61	58	-2	SSW	4	0	*	68	52	0.11		
† Ardrossan	29.53	58	S	1	r	29.55	-02	58	56	+2	L	0	0	0	64	53	0.21		
† Mullaghmore	29.50	57	W	4	c	29.63	+09	56	55	+1	NNW	5	op	4	62	54	0.51		
Donaghadee	29.52	56	SW	3	c	29.56	-04	57	57	+1	W	2	0	3	63	53	0.34		
Parsonstown	29.57	57	SW	3	0	29.64	+03	55	54	-1	W	1	0	*	65	52	0.08		
Barrow-in-Furness	29.58	59	SSW	3	c	29.56	-08	57	55	0	SW	4	c	3	60	55	0.10		
† Holyhead	29.57	58	SSW	4	c	29.62	-04	58	55	+1	W	2	m	1	62	54	0.03		
Liverpool (Bidston)	29.60	61	SW	3	c	29.60	-07	54	54	-5	WSW	1	+	1	63	54	0.20		
† Valentia	29.64	66	W	4	op	29.79	+13	62	58	+4	NW	4	op	4	62	53	0.16		
Roche's Point	29.62	58	W	5	c	29.68	-01	59	56	0	NW	4	c	4	65	54	0.18		
Pembroke	29.68	58	SW	3	c	29.66	-06	56	54	+1	W	3	0	3	59	54	0.03		
† Scilly	29.80	61	WSW	5	0	29.75	-07	57	55	0	NNW	4	op	4	64	54	0.09		
Prawle Point	29.81	56	SW	4	0	29.74	-09	58	55	-1	WSW	4	c	4	57	53	0.38		
Hurst Castle	29.82	57	W	6	c	29.76	-08	56	56	-2	WSW	7	bc	6	61	56	0.08		
† Dover	29.85	60	WSW	4	b	29.79	-04	59	57	0	WSW	4	op	3	64	58	0.02		
† London	29.79	61	WSW	5	0	29.75	-07	60	56	-1	WSW	4	bc	*	68	56	0.22		
Oxford	29.76	58	S	2	bc	29.70	-06	59	55	0	SSW	3	0	*	64	54	0.05		
Cambridge	29.74	60	SSW	2	0	29.68	-10	61	57	+1	SW	2	c	*	74	53	0.20		
† Yarmouth	29.76	63	SSW	3	bc	29.78	-04	60	57	9	SSW	4	bc	2	67	56	0.03		
The Helder	29.84	61	SW	3	b	29.82	+05	61	58	0	S	3	c	2	66	57	—		
Cape Gris Nez	29.88	59	SW	4	c	29.82	-02	60	58	?	SW	4	0	3	63	57	—		
† Jersey	29.93	60	WSW	2	c	29.85	-04	59	58	+1	SW	4	op	3	63	55	0.05		
Brest	29.94	59	WSW	5	0	29.86	-08	55	55	-3	W	5	*	3	61	54	0.08		
Lorient	29.95	61	WSW	4	c	29.89	-06	60	58	+1	W	5	*	3	61	57	0.79		
† Rochefort	30.01	65	NNW	4	0	29.96	-04	64	60	+2	W	4	c	2	79	57	—		
Biarritz	30.00	64	N	1	0	30.02	+08	61	57	-2	L	0	+	2	68	57	0.02		
Corsica	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.86	00	64	56	+3	SW	3	bc	*	67	58	—		
Charleville	29.95	68	WSW	4	bc	29.92	+04	61	56	0	SE	1	c	*	75	53	—		
Paris	29.95	69	WSW	4	c	29.94	-03	64	58	+5	S	4	bc	*	*	*	—		
Lyons	29.95	71	N	1	c	30.03	+05	61	58	-3	SSE	1	+	*	76	61	0.24		
Toulon	30.03	75	SW	1	b	30.07	+05	77	?	+3	E	2	b	1	84	66	—		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.38	55	SSW	2	0	28.36	51	51	-1	SSW	1	0	*	57	49	0.51			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

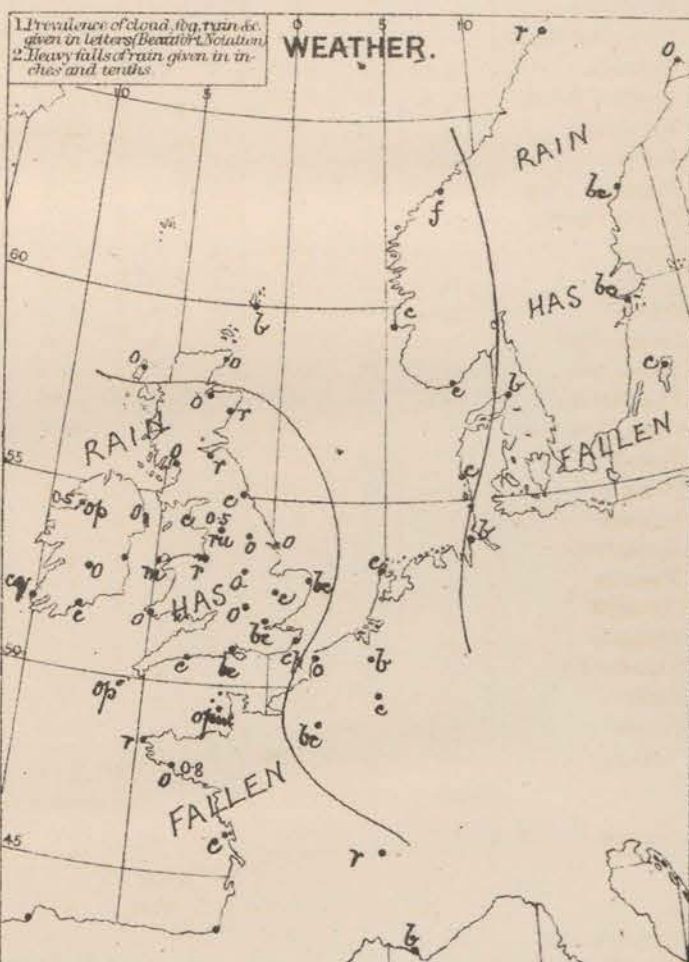
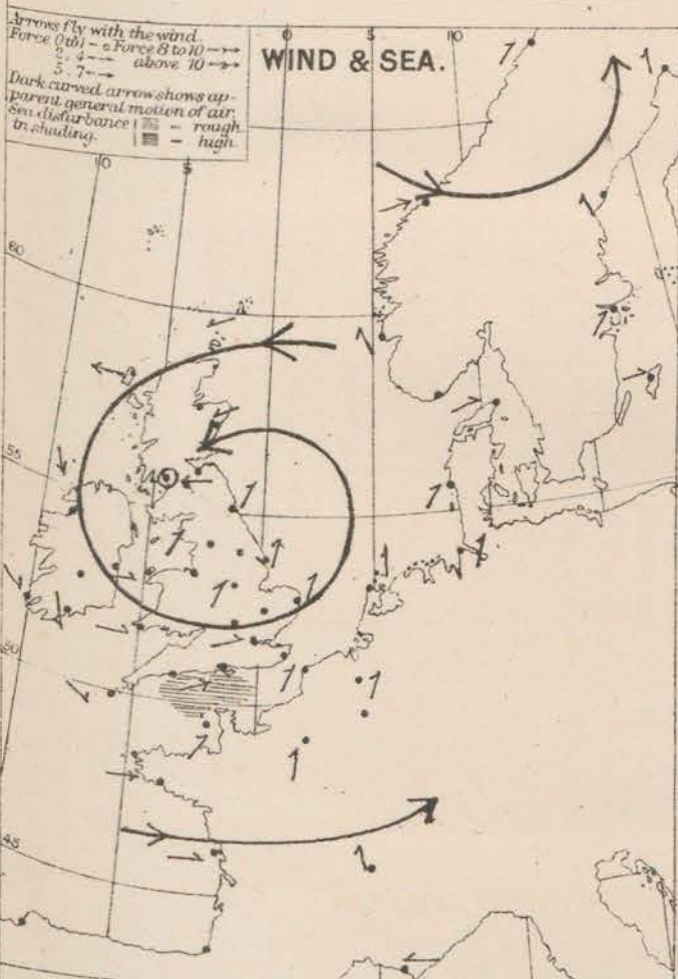
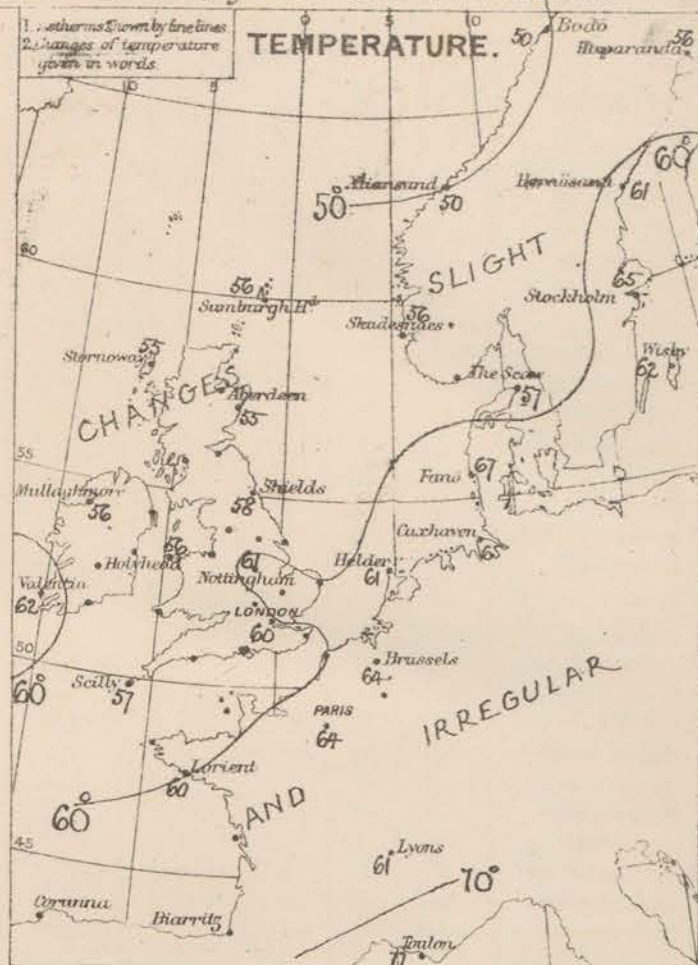
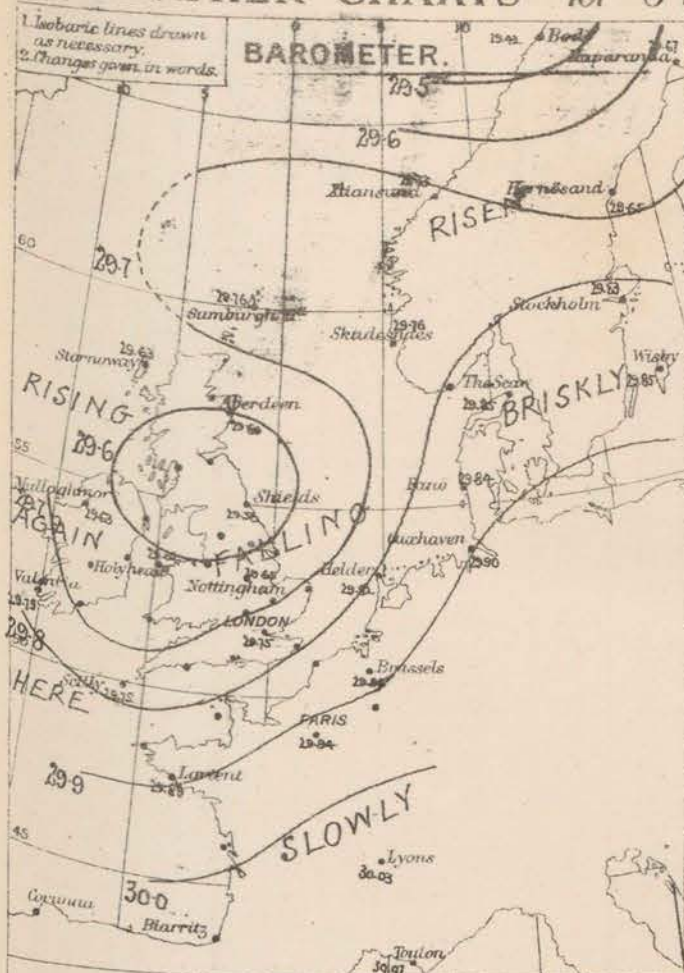
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.61	58	54	W	5	bc	2	Valentia ...	29.66	58	55	WSW	5	f	6
Sumburgh Head	29.61	56	50	NNW	3	b	1	Scilly ...	29.82	64	61	WSW	5	o	5
Stornoway ...	29.52	58	56	S	2	b	2	Dover ...	29.85	63	59	SW	4	b	3
Aberdeen ...	29.59	59	56	SSE	3	bc	2	London ...	29.80	60	60	SW	3	c	*
Shields ...	29.61	63	56	SW	2	o	1	Yarmouth ...	29.79	66	58	SW	2	bc	2
Ardrossan ...	29.57	60	57	SW	1	c	1	Jersey ...	29.95	62	57	SW	2	cg	3
Mullaghmore ...	29.50	59	57	W	4	ogm	3	Rochefort ...	30.01	69	61	NNW	3	o	1
Holyhead ...	29.62	60	58	SSW	4	o	3								

Because is changing later and somewhat irregularly, few weather still holds in Scotland, but showing weather clearing

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the...

WEATHER CHARTS for 8 a.m. on Saturday 3rd JULY 1880.



REMARKS. The weather over the United Kingdom to day is still in a very showery unsettled condition, the rain having now extended to the Scotch stations also. The centre of the depression which lay off our NW coast yesterday has moved slowly in an E direction, and is now over the N. parts of England and the S. of Scotland, and the barometer having in the mean time risen over Scandinavia and the N. of Scotland decided gradients for E winds have been formed in the N. while those for W winds prevail over England and France. Fresh equally W breezes are felt over our W districts, SW winds in the E. E in Scotland, and N to NW in Ireland. Temperature shows no important change, the readings varying from 55° to 61° in most places, the maximum of 74° was reported at Cambridge yesterday, 68° in London and at Nottingham and 67 at Yarmouth, but there was the highest observed in the United Kingdom. Rain fell at all but our extreme N stations, and in many places the showers were heavy. The sky is still overcast except in the SE. and rain is falling in several localities. The sea is rough at Hurst Castle, moderate to smooth elsewhere.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 4TH JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.67	53	SW	2	a	29.78	+ 11	54	50	— 2	SW	4	c	*	61	52	—	
Hernösand	29.88	59	Z	0	b	29.99	+ 24	58	51	— 3	N	2	b	*	70	48	—	
Stockholm	29.94	60	SW	2	b	29.97	+ 14	71	60	+ 6	S	2	b	*	75	55	—	
Wisby	29.92	62	S	2	b	29.88	+ 03	66	59	+ 4	SSE	4	b	*	70	50	—	
Bodo	29.62	52	Z	0	o	29.79	+ 37	49	45	— 1	S	2	r	1	52	48	0.20	
Christiansund	29.89	57	NW	1	bv	29.93	+ 20	52	48	+ 2	ENE	2	bv	3	55	41	—	
† Skudesnaes	29.77	57	SSE	4	o	29.8	+ 05	61	57	+ 5	Z	0	bv	3	?	?	—	
Oxo (Xiansund)	29.84	59	S	2	o	29.82	+ 01	58	56	0	NE	4	o	2	59	50	0.12	
Skagen (The Skaw)	29.87	59	SW	2	c	29.82	— 03	62	59	+ 5	E	3	c	0	66	54	0.12	
Fanø	29.78	61	E	4	c	29.64	— 20	63	60	— 4	E	4	bv	*	68	57	0.71	
Cuxhaven	29.85	70	SE	2	b	29.70	— 20	64	64	— 1	SSW	2	r	*	70	59	0.18	
† Sumburgh Head	29.85	55	NE	5	c	30.00	+ 24	55	49	— 1	NE	4	b	4	58	46	—	
† Stornoway	29.94	56	E	6	c	30.07	+ 44	55	53	0	NNW	3	bv	2	58	55	—	
Wick	29.85	54	ENE	3	bv	30.03	+ 35	57	52	+ 3	NE	3	bv	2	57	45	—	
Nairn	29.82	54	NE	6	r	30.04	+ 43	54	52	— 2	NE	3	o	3	57	52	0.10	
† Aberdeen	29.73	56	NE	2	o	29.98	+ 38	54	50	— 1	N	4	c	3	52	51	0.29	
Leith	29.68	59	E	1	c	29.99	+ 38	58	56	+ 2	NE	2	bv	*	68	53	0.06	
† Shields	29.60	58	Z	0	c	29.86	+ 30	51	51	— 6	N	6	r	4	63	51	0.34	
Spurn Head	29.62	57	ESE	4	c	29.77	+ 13	59	58	+ 1	N	6	o	5	64	56	—	
York	29.61	61	N	1	c	29.86	+ 25	54	53	— 2	N	5	o	*	64	53	0.07	
Nottingham	29.65	60	NNW	1	c	29.86	+ 21	60	55	— 1	NW	3	o	*	68	52	0.18	
† Ardrossan	29.68	61	NNE	2	c	30.02	+ 47	59	53	+ 1	NNW	3	b	2	63	49	0.02	
† Mullaghmore	29.83	58	NNW	6	a	30.13	+ 50	60	55	+ 4	N	4	c	3	71	54	0.05	
Donaghadee	29.71	57	N	4	b	30.06	+ 50	57	54	0	N	4	b	2	61	52	—	
Parsonstown	29.83	60	NNW	5	c	30.16	+ 52	56	53	+ 1	NW	3	c	e	65	49	0.07	
Barrow-in-Furness	29.61	63	NW	2	b	29.95	+ 40	57	52	0	NE	4	bv	3	63	54	—	
† Holyhead	29.67	58	NW	3	c	30.02	+ 40	56	53	—	NNW	5	b	4	63	55	—	
Liverpool (Midson)	29.63	59	N	4	bv	29.95	+ 35	55	55	+ 4	NW	3	c	1	60	54	0.01	
† Valentia	29.97	58	NNW	5	bv	30.28	+ 41	60	56	— 2	NW	5	bv	4	64	55	—	
Reek's Point	29.8	59	NNW	7	c	30.11	+ 43	58	54	— 1	NNW	5	bv	4	65	53	—	
Pembroke	29.71	56	NNW	4	c	30.04	+ 38	57	55	+ 1	NNW	6	bv	3	60	53	0.10	
† Scilly	29.85	64	NNW	6	c	30.10	+ 35	59	56	+ 2	NW	6	o	5	62	56	—	
Prawle Point	29.73	60	WSW	5	c	29.98	+ 24	61	58	+ 6	NNW	4	bv	4	62	53	0.03	
Eurist Castle	29.70	58	NNW	6	bv	29.91	+ 15	60	57	+ 4	NNW	5	b	4	62	54	0.04	
† Dover	29.69	58	SW	4	bv	29.78	— 01	60	57	+ 1	NW	4	og	3	63	55	—	
† London	29.66	59	SW	2	c	29.82	+ 07	59	55	— 1	NW	3	o	*	68	54	0.24	
Oxford	29.69	56	Z	0	o	29.87	+ 17	59	54	0	NNW	4	o	*	64	55	0.23	
Cambridge	29.64	58	S	1	c	29.80	+ 12	55	55	— 6	NW	1	r	*	67	53	0.66	
† Yarmouth	29.66	60	S	3	bv	29.72	— 01	58	56	— 2	NW	3	c	2	65	54	0.29	
The Helder	29.74	62	SW	1	c	29.66	— 16	60	57	— 1	S	1	o	1	65	57	0.28	
Cape Gris Nez	29.74	57	SW	4	c	29.75	— 07	56	55	— 4	W	4	o	4	63	55	0.28	
† Jersey	29.84	59	WSW	5	b	30.02	+ 17	59	57	0	NNW	5	bv	5	62	54	0.56	
Brest	29.91	59	N	4	o	30.11	+ 28	59	55	+ 4	NNW	4	b	3	63	52	—	
Lorient	29.93	62	NNW	7	bv	30.08	+ 19	59	55	— 1	NNW	5	bv	4	65	55	0.09	
† Rochefort	30.13	64	NW	7	o	30.01	+ 05	63	59	— 1	N	7	bv	2	68	59	—	
Biarritz	30.09	64	NW	3	o	30.18	+ 16	62	58	+ 1	N	5	o	3	64	57	0.04	
Corunna	*	*	*	*	*	30.22	+ 11	65	*	+ 2	N	2	c	4	*	*	*	
Brussels	*	*	*	*	*	29.75	— 11	59	56	— 5	SW	5	o	*	73	55	0.16	
Charleville	29.78	56	SW	1	c	29.84	— 08	56	53	— 5	SW	1	r	*	75	52	0.24	
Paris	29.84	60	SSW	5	o	29.94	+ 00	60	58	— 4	WSW	4	o	*	*	*	0.04	
Lyons	29.93	68	NNW	1	o	30.06	+ 03	66	58	+ 5	N	1	b	*	80	55	0.24	
Toulon	30.03	73	SE	3	b	30.02	— 05	73	60	— 4	NNW	3	b	2	82	68	—	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.40	54	SSW	1	o	29.68	+ 28	49	48	— 2	NNW	5	ow	55	48	0.28
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

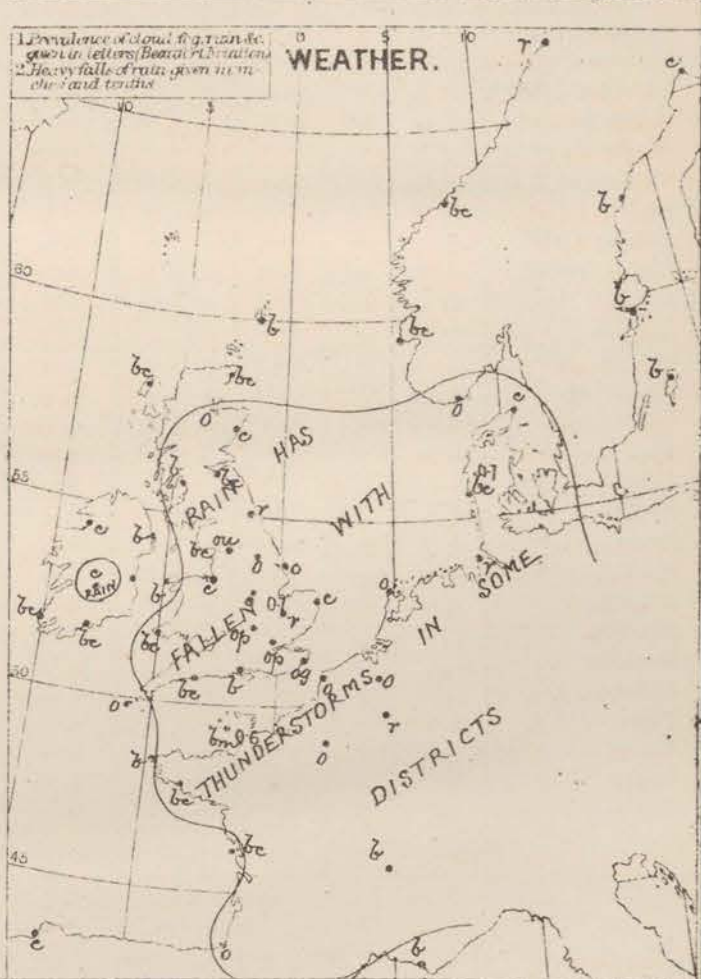
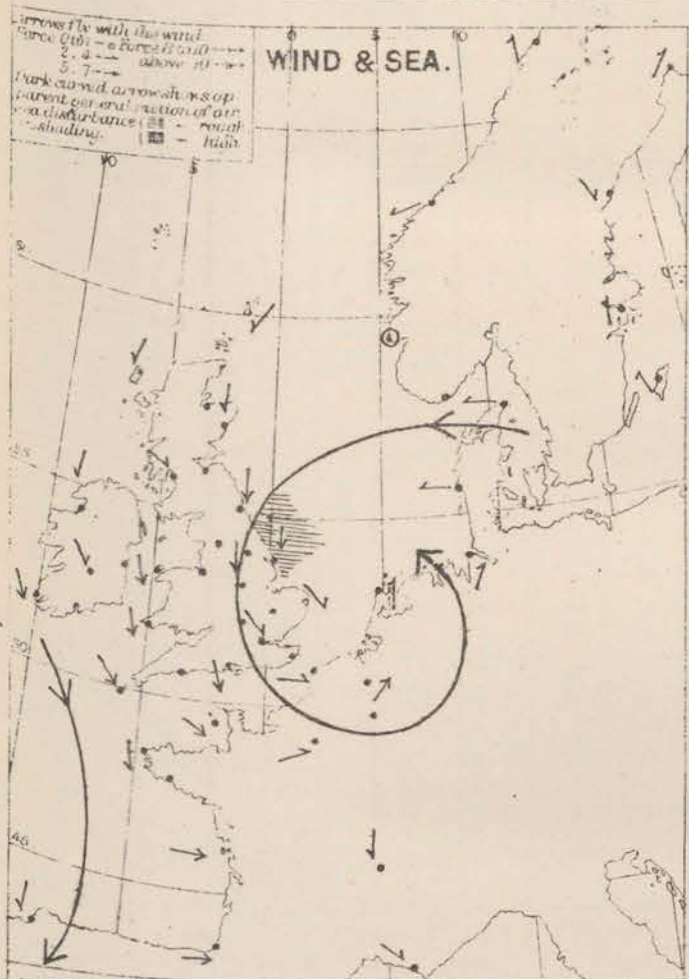
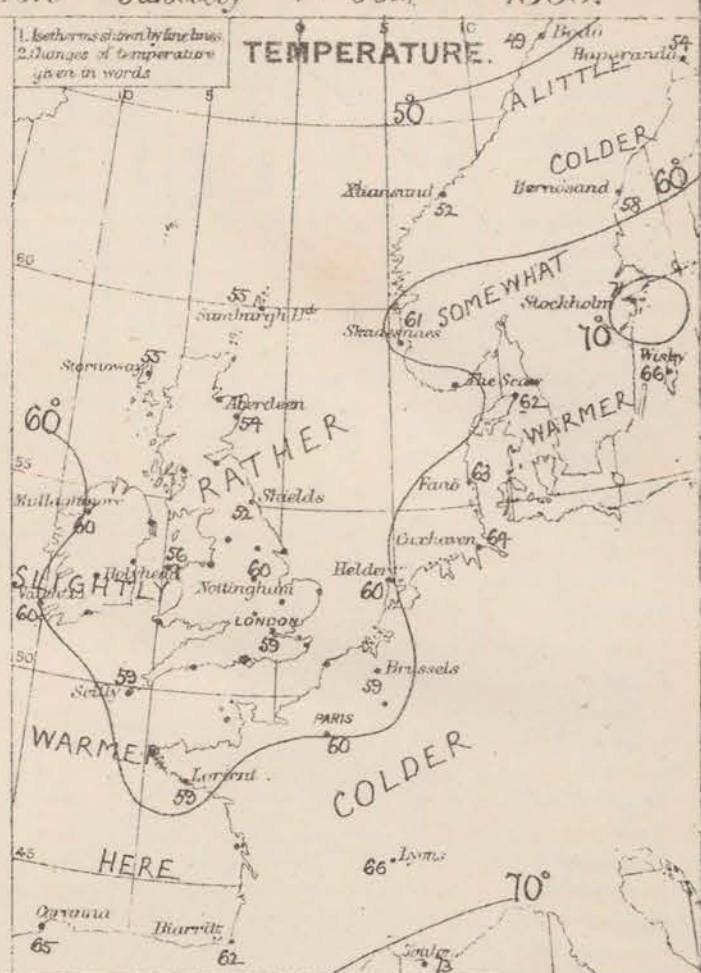
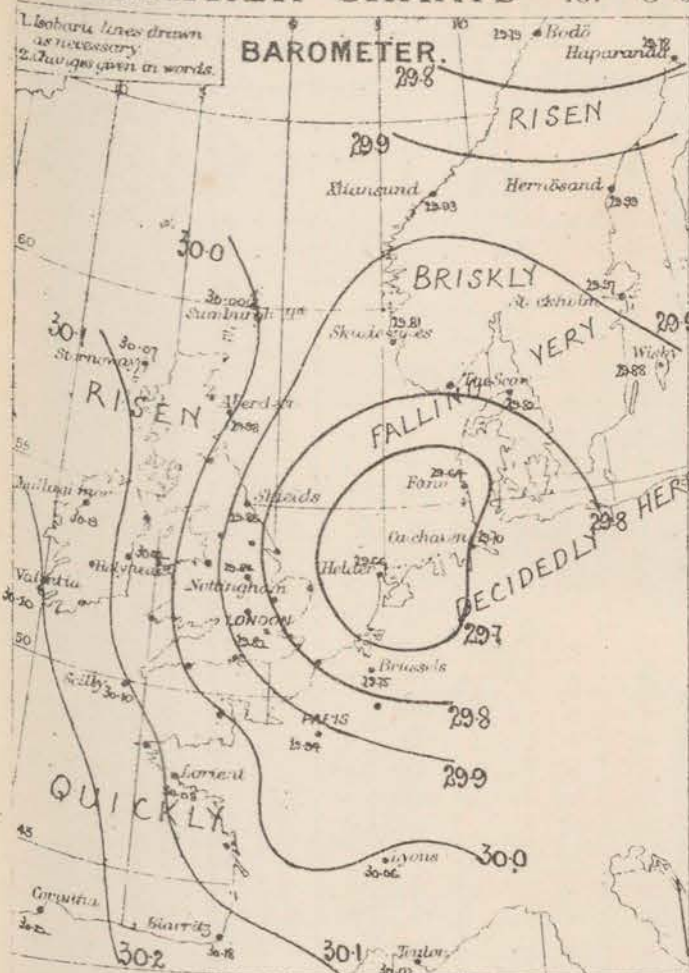
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.75	58	55	E	4	7f	2	Valentia ...	29.89	63	58	NN	5	bog	6
Sumburgh Head	29.80	57	53	NE	5	bv	4	Scilly ...	29.80	62	59	NNN	6	c	5
Stornoway ...	29.73	58	50	E	6	c	5	Dover ...	29.77	58	56	SW	5	cp	4
Aberdeen ...	29.64	56	55	E	1	r	3	London	29.70	63	59	SW	3	cp	*
Shields ...	29.57	55	52	SE	2	r	0	Yarmouth ...	29.71	62	60	S	5	bog	3
Ardrossan ...	29.60	61	57	ENE	2	o	1	Jersey ..	29.84	58	56	N	4	bog	4
Mullaghmore	29.72	58	56	NNN	6	og	5	Rochefort ...	30.01	67	60	N	5	c	2
Holyhead...	29.63	61	57	WSW	3	c	2								

The depression in the N. is still moving slowly to the E. Heavy thunderstorms have occurred in the N. part of Great Britain and showers in the E. and S.

EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (light); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 4th July 1880.



REMARKS. The depression which lay over the N. of England yesterday has travelled SE², and is now over Holland; the barometer has risen quickly in its rear and the wind has shifted to the NW² and N² all over the Kingdom. Temperature has fallen over the E² districts and France, but risen a little over our N² districts. Readings over our Islands vary from 54° at Harwich and Aberdeen to about 60° on our S. coast. Heavy showers of rain have fallen in most places accompanied by sharp thunderstorms and hail in some districts. The weather this morning remains showing in the E, but has cleared considerably elsewhere. The sea is rather rough at the mouth of the Humber and the entrance to the English Channel, but is moderate to slight on our other coasts.

DAILY WEATHER REPORT 5TH JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
+ Haparanda	29.97	55	W	2	o	30.11	+ .33	58	52	+ 4	NE	4	b	*	59	45	—			
+ Herrösand	30.00	57	Z	0	b	30.02	+ .03	61	58	+ 3	NE	2	b	*	73	45	—			
+ Stockholm	29.93	59	ESE	2	b	29.75	— .22	68	62	— 3	E	8	o	*	77	54	—			
+ Wisby	29.85	61	ESE	2	b	29.67	— .21	62	61	— 4	SSE	4	r	*	72	50	0.04			
+ Hodo	29.82	49	N	2	o	30.02	+ .23	51	48	+ 2	NNE	2	b	1	?	46	—			
+ Christiansund	29.93	54	NNE	6	b	29.84	— .09	56	52	+ 4	NE	2	c	2	?	43	—			
+ Skudesnaes	29.77	56	NNW	6	r	29.66	— .15	59	57	— 2	N	3	c	3	63	55	—			
+ Grö (Knapstad)	29.66	58	NNE	6	r	29.68	— .44	59	58	+ 1	NE	4	c	2	61	55	0.87			
+ Skagen (the Skaw)	29.64	61	SSW	3	r	29.67	— .15	62	60	0	ESE	3	o	0	64	55	0.39			
+ Esbjerg	29.64	57	SSW	2	c	29.52	— .12	60	59	— 3	W	4	c	*	70	55	0.75			
+ Cuxhaven	29.74	62	SW	2	c	29.71	+ .01	60	60	— 4	NNW	6	r	*	66	54	0.13			
+ Sumburgh Head	30.03	54	NNW	4	b	29.96	— .04	53	49	— 2	N	3	b	3	59	47	—			
+ Stofnøway	30.12	56	S	3	c	30.00	— .07	56	55	+ 1	SSE	4	o	3	57	54	—			
+ Wick	30.08	53	N	3	b	30.02	— .01	54	51	— 3	N	2	b	2	59	40	0.02			
+ Nairn	30.09	57	Z	0	b	30.04	— .00	56	50	+ 2	W	1	c	1	61	44	0.01			
+ Aberdeen	30.06	56	N	2	b	30.03	+ .05	56	51	+ 2	NNW	2	c	2	60	46	—			
+ Leith	30.07	59	E	1	b	30.08	+ .09	55	52	— 3	W	1	om	*	66	48	—			
+ Shields	30.04	57	N	6	b	30.06	+ .20	57	53	+ 5	NNW	3	b	3	57	47	0.01			
+ Spurn Head	30.00	56	N	6	c	30.09	+ .32	56	54	— 3	NNW	3	c	3	59	51	—			
+ York	30.06	58	N	3	c	30.11	+ .25	57	54	+ 3	W	2	c	*	59	45	—			
+ Nottingham	30.08	59	NNW	2	b	30.15	+ .25	62	56	+ 2	NNW	4	b	*	64	47	—			
+ Ardrossan	30.10	59	NNW	3	b	30.11	+ .09	56	53	— 3	S	1	c	0	64	52	—			
+ Mullaghmore	30.21	59	NNW	4	c	30.17	+ .04	58	56	— 2	WSW	4	og	3	63	57	0.02			
+ Donaghadee	30.18	57	NNW	3	b	30.16	+ .10	61	59	+ 4	W	4	c	2	62	49	—			
+ Parsonstown	30.20	66	NNW	1	b	30.23	+ .07	57	54	+ 1	SW	2	o	*	68	48	—			
+ Barrow-in-Furness	30.08	61	NNW	5	b	30.13	+ .18	56	53	— 1	NNW	4	c	4	68	52	—			
+ Holyhead	30.15	60	NNW	3	b	30.19	+ .17	57	55	+ 1	NNW	3	c	2	60	52	—			
+ Liverpool (Bilston)	30.10	60	NNW	4	b	30.16	+ .21	57	54	— 1	W	4	b	2	62	53	—			
+ Valentia	30.28	61	NNW	4	b	30.26	+ .06	57	56	— 3	WSW	3	od	3	65	57	—			
+ Roche's Point	30.24	60	NNW	3	b	30.26	+ .15	58	55	0	W	1	b	3	69	51	—			
+ Pembroke	30.19	60	WSW	1	b	30.23	+ .19	57	54	0	NNW	1	c	2	62	53	—			
+ Scilly	30.23	62	NNW	4	c	30.28	+ .18	60	59	+ 1	NNW	2	b	2	62	56	—			
+ Prawle Point	30.14	65	NNW	3	b	30.24	+ .26	63	59	+ 2	NNW	2	b	2	75	51	—			
+ Hurst Castle	30.08	69	NNE	4	b	30.22	+ .31	60	56	0	NNW	2	b	2	71	51	—			
+ Dover	29.99	61	NNW	4	beg	30.17	+ .39	59	53	— 1	W	2	b	2	65	51	0.01			
+ London	30.05	62	NNW	3	c	30.19	+ .37	58	52	— 1	NNW	2	b	*	66	47	—			
+ Oxford	30.12	60	NNW	1	b	30.19	+ .32	58	52	— 1	NNW	2	b	*	64	47	—			
+ Cambridge	30.05	58	NNW	2	c	30.16	+ .36	56	53	+ 1	W	1	o	*	71	46	0.02			
+ Yarmouth	29.93	57	NNW	4	ogp	30.12	+ .40	58	52	0	NNW	4	b	3	60	47	0.04			
+ The Helder	29.79	58	NNW	4	r	29.96	+ .30	57	55	— 3	NNW	4	c	3	63	57	0.28			
+ Cape Gris Nez	30.02	59	NNW	5	o	30.16	+ .41	56	55	0	NNW	3	c	2	64	54	—			
+ Jersey	30.19	60	NNW	4	b	30.29	+ .27	60	57	+ 1	NNW	2	b	2	63	52	—			
+ Brest	30.26	59	NNW	5	o	30.32	+ .21	56	55	— 3	N	3	b	2	61	55	—			
+ Lorient	30.24	62	NNW	4	b	30.28	+ .20	55	52	— 4	NE	3	b	2	68	50	—			
+ Rochefort	30.22	64	NNW	7	b	30.26	+ .25	61	59	— 2	ENE	4	b	0	72	54	—			
+ Biarritz	30.25	64	NNE	4	b	30.26	+ .08	64	59	+ 2	E	3	b	4	68	55	—			
+ Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
+ Brussels	*	*	*	*	*	30.12	+ .37	57	52	— 2	W	5	c	*	63	52	0.47			
+ Charleville	29.96	60	W	3	b	30.15	+ .31	55	51	— 1	SW	4	o	*	69	51	0.63			
+ Paris	30.06	64	NNW	4	o	30.25	+ .31	61	55	+ 1	NNW	4	b	*	*	*	—			
+ Lyons	30.13	68	NNW	1	c	30.21	+ .15	63	57	— 3	N	1	b	*	75	52	—			
+ Toulon	29.93	75	WSW	8	b	30.04	+ .02	61	55	— 12	NNW	7	b	4	77	59	—			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.83	58	NNW	4	b	28.88	+ .20	57	47	+ 2	W	2	b	59	42	—		

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.																			
Stations.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Stations.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Remarks.					
Skudesnaes	29.78	63	58	NNW	6	om	Valentia												
Sumburgh Head							Scilly												
Stornoway							Dover												
Aberdeen							London												
Shields							Yarmouth												
Ardrossan							Jersey												
Mullaghmore							Rochefort	30.20	67	61	NNW	7	b	2					
Holyhead																			

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (fog); overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

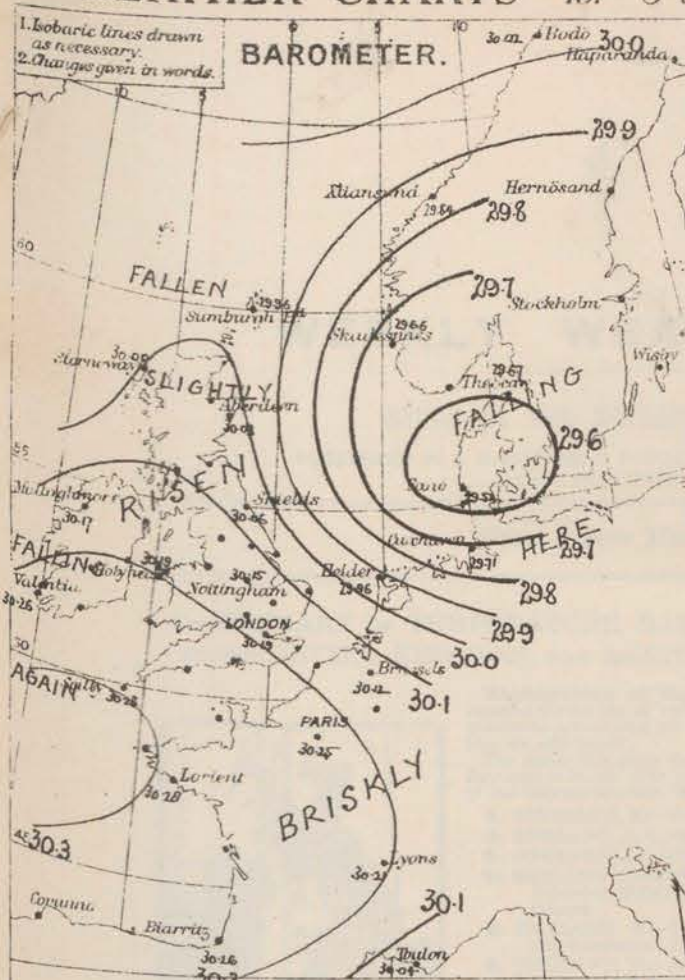
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

+ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Monday 5th JULY 1880.

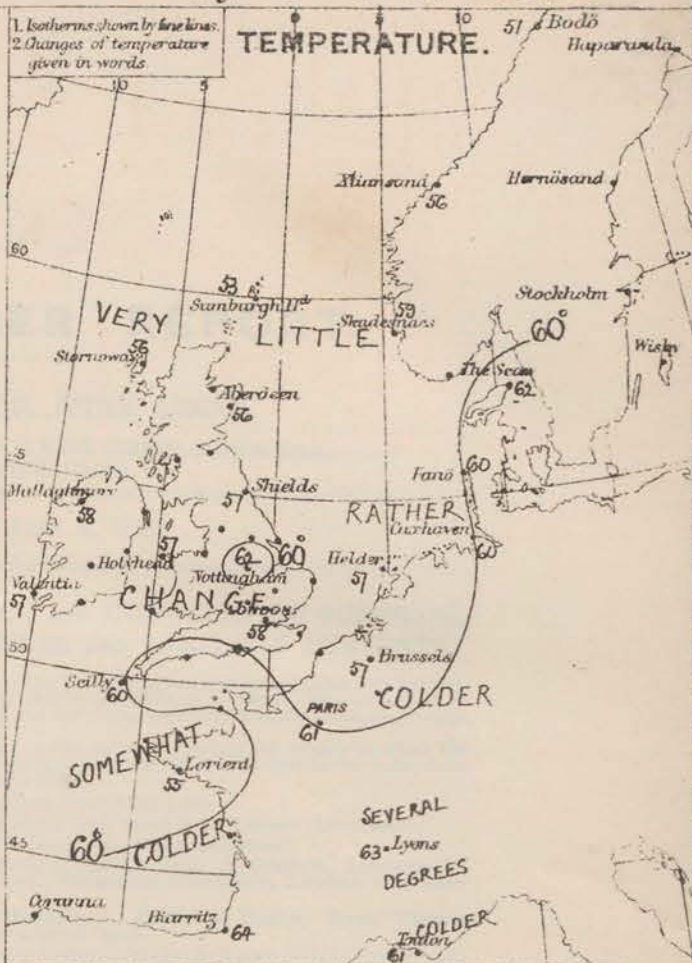
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



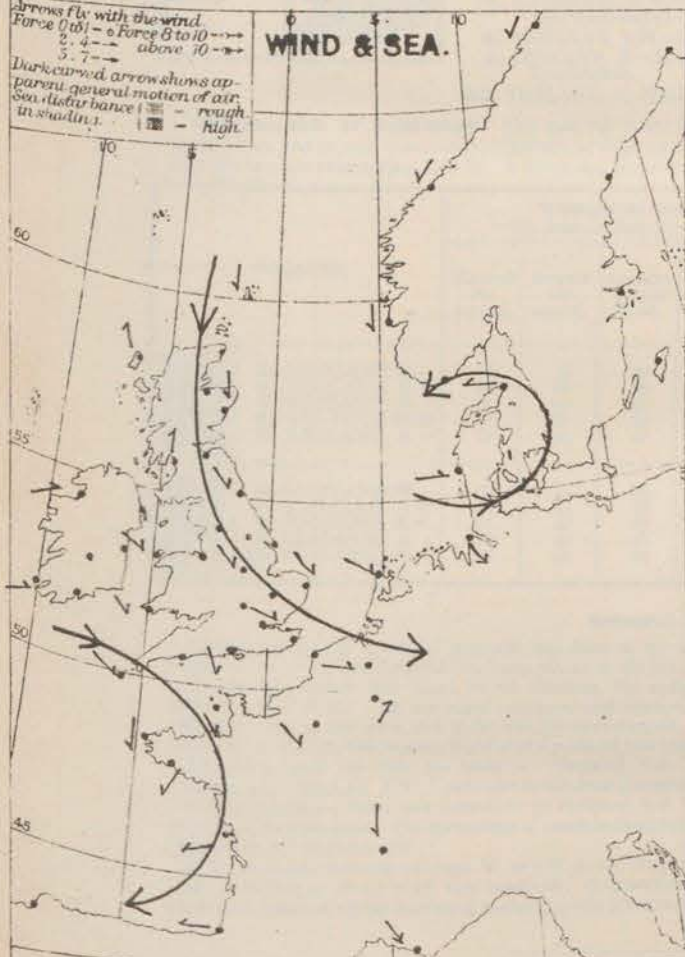
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



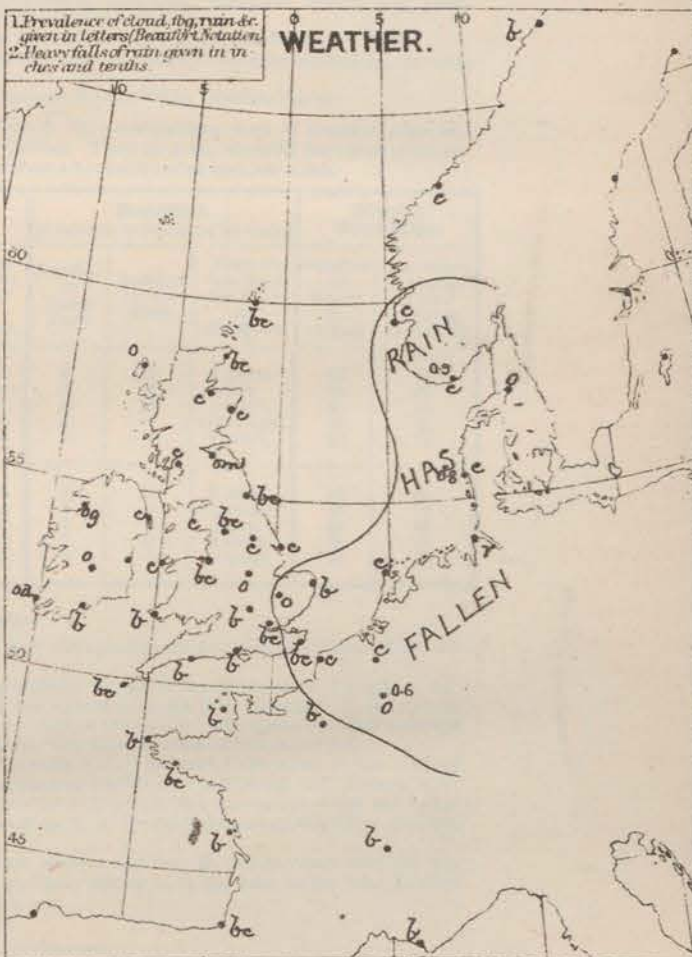
- Arrows fly with the wind.
- Force 0 to 10.
- Force 11 to 20.
- Force 21 to 30.
- Force 31 to 40.
- Force 41 to 50.
- Force 51 to 60.
- Force 61 to 70.
- Force 71 to 80.
- Force 81 to 90.
- Force 91 to 100.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (B, M, C, N, S, T, U, V, W, X, Y, Z).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The area of low pressure which had framed away to the E^o of our Islands on Sunday morning has moved very slowly as its centre is now only over Denmark; the barometer has nevertheless risen quickly at our E^o stations, and to a smaller extent over France, but is already falling again over Ireland and the W. of Scotland. Temperature differs very little from that of yesterday morning, but the night has been very cool over England, minima as low as 45° to 47° being reported at our island stations. As regards the minimum on the grass was 39°. The wind is N^o or NW^o and light in force in all parts of Great Britain, and NE^o in the W. of France. In Ireland, however, it is backing again, and is already NW^o in the extreme W., while it is S^o at Clonsilla. Some rain fell over our E^o coasts, and a good deal on the E^o shores of the North Sea yesterday. The sky is now clear in most places, but has become overcast again in the Hebrides and W. of Ireland, and rain is falling at Valentia. Much sheet cirrus (with a solar halo) is reported at Mullaghmore. The clouds radiating and moving from NW^o. The sea is smooth.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 6th JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.05	61	NE	2	b	29.06	— .05	64	61	+ 6	E	4	b	*	68	50	—		
Hernösand	29.81	57	NE	8	o	29.85	— .17	58	57	— 3	2	o	f	*	?	45	0.55		
Stockholm	29.78	59	SSW	4	b	29.80	+ .02	63	59	— 5	E	4	o	*	70	57	—		
Wisby	29.75	59	SSE	4	b	29.77	+ .10	62	57	0	SSW	6	o	*	70	54	0.17		
Bodö	29.93	62	NE	2	b	29.89	— .13	61	58	+ 10	E	5	b	3	64	?	—		
Christiansund	29.69	55	NSW	1	c	29.47	— .37	66	59	+ 10	SE	5	b	2	66	48	0.04		
† Skudesnaes	29.63	55	NNW	6	r	29.58	— .08	52	51	— 7	NNW	6	r	4	63	?	—		
Oxö (Kissasund)	29.67	59	SW	2	o	29.54	— .14	55	54	— 4	NSW	6	r	2	63	54	0.08		
Skagen (The Skaw)	29.61	61	SW	2	c	29.62	— .05	56	55	— 4	W	3	r	0	68	52	0.16		
Fanö	29.76	55	NNW	6	o	29.84	+ .32	58	55	— 2	W	6	c	*	66	52	0.20		
Cuxhaven	29.83	56	NNW	8	r	29.96	+ .25	60	60	0	W	5	b	*	?	52	0.10		
† Sumburgh Head	29.91	54	NNW	3	b	29.72	— .24	52	48	— 1	NNW	3	c	3	57	43	—		
† Stornoway	29.92	59	NNW	3	o	29.69	— .31	57	56	+ 1	2	o	c	0	62	7.56	0.01		
Wick	29.97	56	SSW	3	o	29.73	— .29	58	55	+ 4	2	o	o	0	65	52	0.01		
Nairn	29.91	63	W	1	o	29.73	— .31	57	56	+ 1	2	o	r	1	67	54	0.07		
† Aberdeen	29.95	58	SSE	1	b	29.73	— .30	59	58	+ 3	SW	1	r	1	66	51	0.02		
Leith	29.98	61	NSW	3	b	29.79	— .29	58	57	+ 3	W	1	r	*	71	53	0.02		
† Shields	30.02	63	W	2	c	29.85	— .21	61	57	+ 4	NSW	2	o	3	65	55	0.03		
Spurn Head	30.06	61	NNW	2	c	29.96	— .13	59	56	+ 3	SW	4	o	4	61	53	—		
York	30.08	63	W	4	c	29.95	— .16	59	57	+ 2	SW	2	o	*	69	56	—		
Nottingham	30.12	61	SW	3	b	30.00	— .15	61	58	— 1	SW	4	o	*	72	51	—		
† Ardrossan	30.04	57	NNW	2	r	29.77	— .34	56	55	0	SSW	3	r	3	59	55	0.32		
† Mullaghmore	30.10	60	NSW	4	og	29.84	— .33	58	57	0	NNW	5	og	4	64	56	0.27		
Donaghadee	30.10	61	W	3	o	29.84	— .33	59	57	— 2	SW	5	o	2	67	55	0.12		
Parsonstown	30.18	61	SW	2	a	29.93	— .30	59	58	+ 2	SSW	3	o	*	64	55	0.04		
Barrow-in-Furness	30.09	59	NSW	3	c	29.94	— .19	58	56	+ 2	SW	5	r	5	64	55	0.02		
† Holyhead	30.15	62	NSW	3	c	29.95	— .24	56	55	— 1	SSW	5	r	3	65	55	0.07		
Liverpool (Bishop)	30.11	63	W	4	c	29.95	— .21	60	57	+ 3	SW	2	o	0	63	57	—		
† Valentia	30.21	60	NSW	4	o	30.00	— .26	53	53	— 4	NSW	4	r	4	65	51	0.50		
Roche's Point	30.21	60	W	3	o	30.00	— .26	58	57	0	NSW	4	r	4	69	52	0.02		
Pembroke	30.20	58	W	1	c	30.04	— .19	57	57	0	SW	4	o	3	61	56	—		
† Scilly	30.26	61	W	3	b	30.14	— .14	59	58	— 1	SW	4	o	3	65	56	0.02		
Prawle Point	30.22	64	NSW	3	b	30.13	— .11	57	56	— 6	NSW	3	c	3	65	53	—		
Hurst Castle	30.17	63	W	5	b	30.13	— .09	59	57	— 1	W	4	c	3	69	56	—		
† Dover	30.13	63	NSW	4	b	30.08	— .09	61	57	+ 2	NSW	3	b	2	69	57	—		
† London	30.14	67	W	2	og	30.09	— .10	60	57	+ 2	W	2	o	*	72	52	—		
Oxford	30.15	64	W	1	o	30.07	— .12	58	55	0	SW	2	o	*	68	53	—		
Cambridge	30.12	66	NNW	1	o	30.04	— .12	60	57	+ 4	SW	1	o	*	70	50	—		
† Yarmouth	30.10	60	ESE	1	c	30.05	— .07	60	57	+ 2	NSW	2	o	2	63	51	—		
The Helder	30.05	57	W	2	b	30.04	+ .08	60	57	+ 3	NSW	2	b	1	61	55	—		
Cape Gris Nez	30.14	59	NSW	4	c	30.12	— .04	57	57	+ 1	NSW	4	b	2	64	55	—		
† Jersey	30.28	61	NNW	2	b	30.22	— .07	58	57	— 2	W	2	b	3	64	51	—		
Brest	30.30	60	NNW	4	b	30.23	— .09	58	55	+ 2	W	3	b	3	63	50	—		
Lorient.	30.25	63	NNW	5	b	30.25	— .06	58	53	0	NNW	3	b	1	66	52	—		
† Rochefort	30.23	67	NNW	7	b	30.24	— .02	63	59	+ 2	ESE	5	2	2	73	44	—		
Biarritz	29.95	65	NNE	5	b	30.21	— .05	67	63	+ 3	S	1	b	2	68	59	—		
† Corunna	*	*	*	*	*	30.21	+ .01	65	*	0	E	1	b	1	*	*	*		
Brussels	*	*	*	*	*	30.13	+ .01	60	56	+ 3	SW	4	b	*	67	55	*		
Charleville	30.19	63	W	4	b	30.20	+ .05	55	51	0	SSE	1	b	*	68	45	—		
Paris	30.19	70	NNW	1	b	30.21	— .04	64	57	+ 3	NNW	3	b	*	*	*	—		
Lyons	30.17	68	NNE	1	b	30.21	0.0	62	54	— 1	N	1	b	*	73	51	—		
Toulon	29.96	75	NSW	7	b	30.06	+ .02	71	58	+ 10	2	o	b	2	79	63	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,125 ft.) above M.S.L.																			
Hawes Junction	28.85	54	NSW	4	b	28.68	— .20	54	53	+ 3	NSW	4	b	*	60	50	0.07		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.85	54	NSW	4	at	28.68	— .20	54	53	+ 3	NSW	4	at	*	60	50	0.07
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

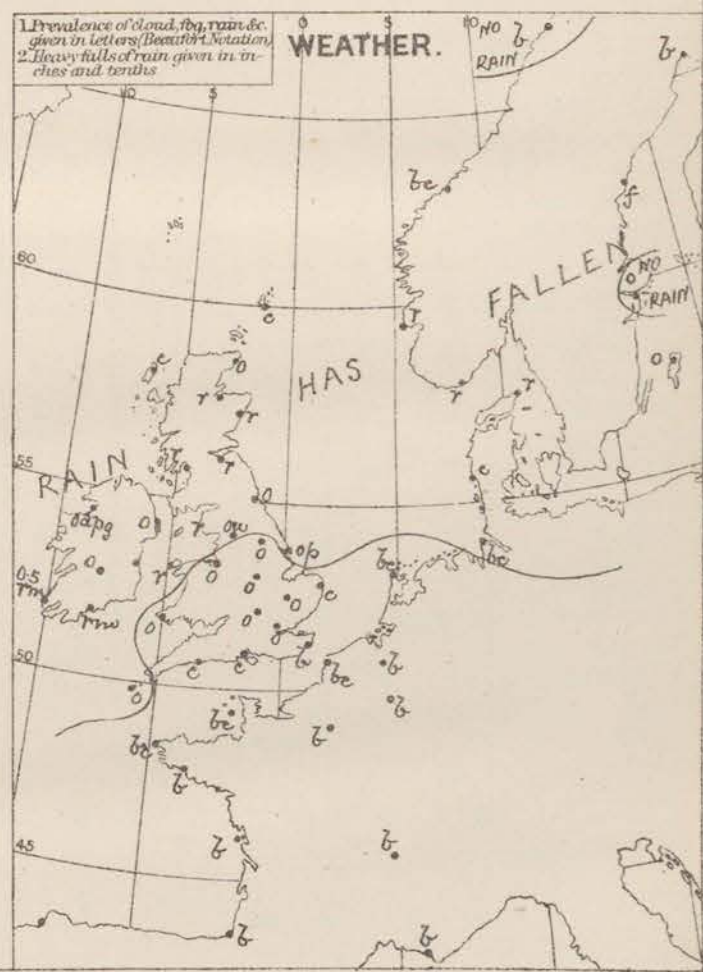
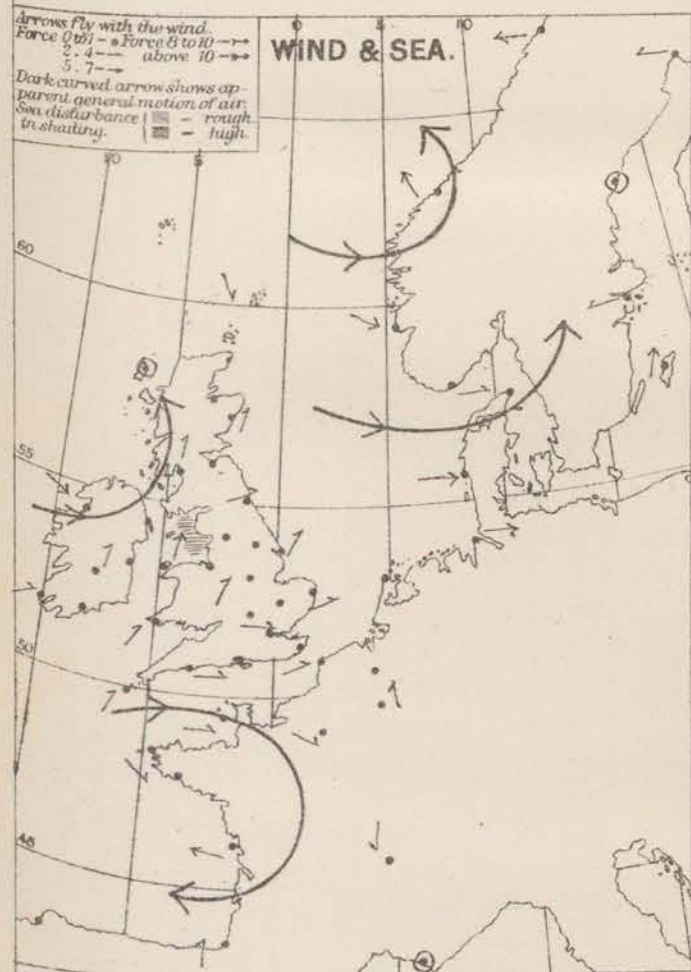
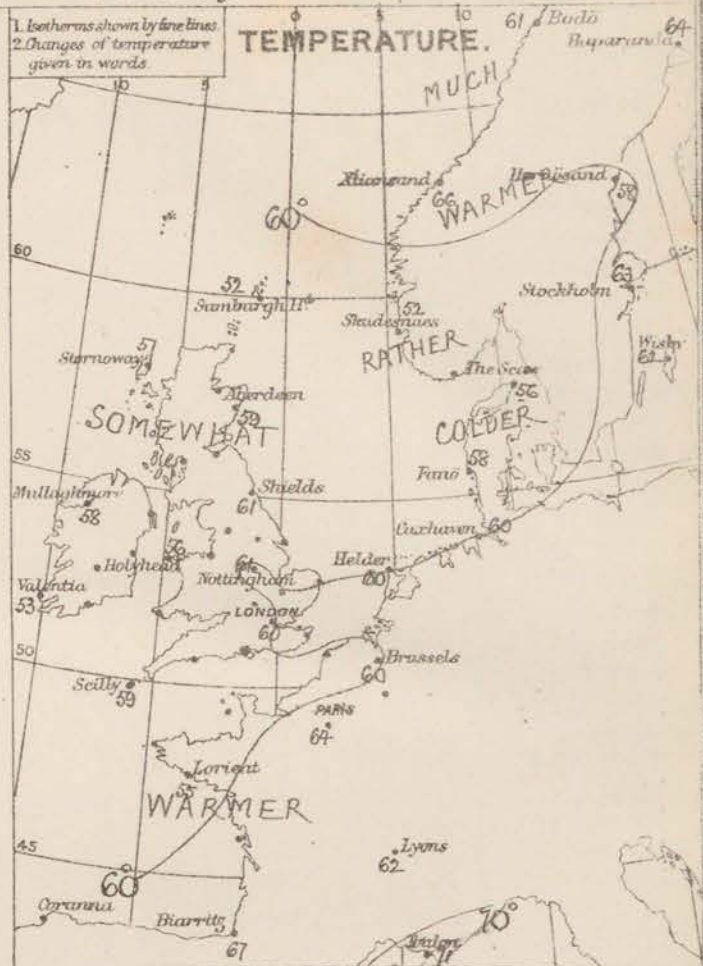
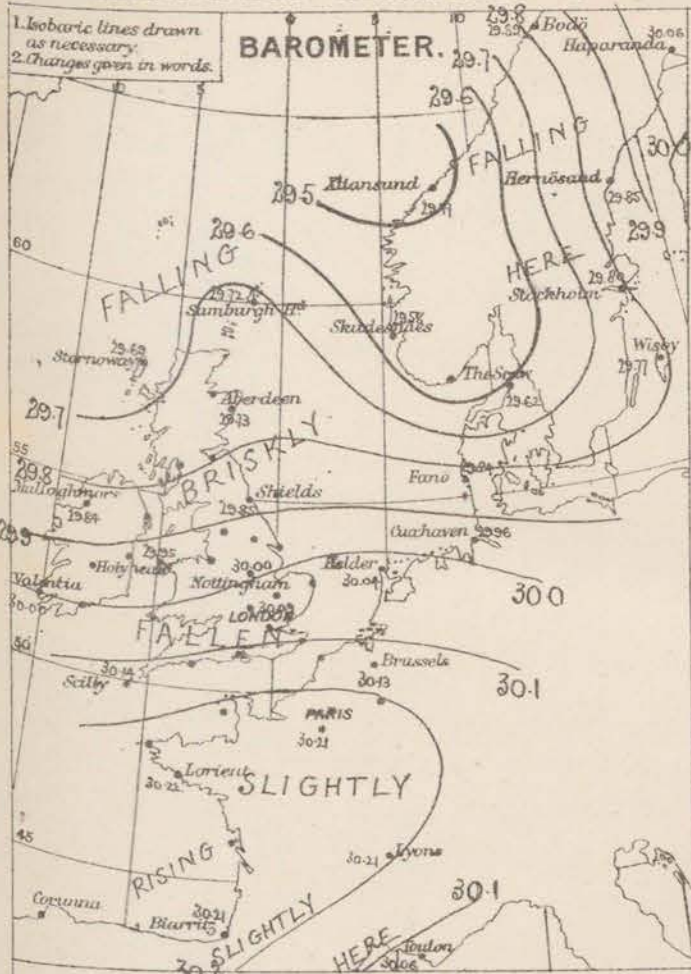
	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	29.66	60	58	WN	6	o	3	Valentia ...	30.26	64	60	W	3	o	3
Sumburgh Head	29.95	55	50	NNW	4	c	3	Scilly ...	30.28	63	60	NNW	3	b	2
Stornoway ...	29.96	55	54	S	4	o	3	Dover ...	30.16	64	58	SW	2	b	2
Aberdeen ...	29.99	61	56	SSE	2	b	2	London ...	30.15	67	57	NNW	3	b	*
Shields ...	30.05	58	54	E	1	c	4	Yarmouth ...	30.11	61	56	NE	2	b	2
Ardrossan ...	30.08	57	55	SW	2	o	2	Jersey ...	30.30	64	59	W	2	b	2
Mullaghmore ...	30.15	60	58	W	4	og	3	Rochefort ...	30.28	70	63	NNW	4	b	2
Holyhead ...	30.18	63	58	NSW	3	c	2								

Very little change has occurred since the morning, excepting along our E. coast, where light airs have set in from the E.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. lightning; m. misty (thick); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.
 + Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Tuesday 6TH JULY 1880.



REMARKS. The depression noticed over Denmark yesterday has moved very irregularly; it now lies over the S. of Norway, and has apparently become subsidiary to a larger disturbance over the Atlantic. Pressure is now highest (30.2 ins.) over France, lowest to the N^W of our Islands, and a new depression has begun to approach our NW-coasts, the barometer having fallen very briskly in Ireland and the W. of Scotland during the night. The wind has backed to SW in the W. and N. of England and freshened slightly, while it remains W in the Channel and on the E^l shores of the Irish Sea. Temperature has risen somewhat over Great Britain and France, and the present readings are rather above 60° at several of the English stations. The maximum readings yesterday were as high as 72° in London and at Nottingham, 71° at Bath, and 70° at Cambridge. Rain has fallen at the Coastal and Irish stations - heavily at Valentia. The sky is cloudy or overcast generally, and rain is still falling on many parts of our W. N^W and NE^l coasts. The sea is moderate in the W. generally slight elsewhere.

Subscription for these Charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " book post 5/- " "
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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 7th JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda	29.91	64	Z	0	0		29.86	- .20	64	59	0	S	2	0	*		75	53	0.16
Hernösand	29.85	55	SE	4	0		29.79	- .06	57	55	- 1	SSE	4	0	*		59	52	0.05
Stockholm	29.81	61	SSW	4	0		29.88	+ .08	65	59	+ 2	SSW	4	0	*		73	54	-
Wisby	29.82	60	SW	4	0		29.85	+ .11	62	59	0	W	4	0	*		70	50	-
Bodö	29.74	58	E	4	+		29.61	- .28	63	55	- .01	SE	3	0	1		70	55	0.28
Christiansund	29.84	54	W	4	+		29.58	+ .11	57	54	- 9	SE	3	0	2		?	46	0.08
† Skudesnaes	29.70	54	S	1	+		29.60	+ .02	55	55	+ 3	SE	2	+	3		57	52	-
Oxö (Xiansund)	29.74	55	SW	4	0		29.61	+ .07	57	56	+ 2	SSW	4	+	2		59	54	0.16
Skagen (The Skaw)	29.78	59	WSW	4	0		29.77	+ .15	58	57	+ 2	SSW	4	0	1		61	54	0.24
Fanö	29.80	58	WSW	4	0		29.79	+ .05	58	57	0	SSW	4	0	*		64	57	0.08
Cuxhaven	30.01	65	W	3	+		29.90	- .06	60	60	0	SW	2	0	*		?	55	0.06
† Sumburgh Head	29.65	53	WNW	2	0		29.57	- .15	52	51	+ 1	WSW	1	0	0		56	48	0.24
† Stornoway	29.71	58	S	1	0		29.65	- .04	55	53	- 2	E	3	0	2		60	51	-
Wick	29.66	59	N	2	0		29.58	- .15	57	51	- 7	NNE	2	0	1		60	50	0.02
Nairn	29.66	59	Z	0	+		29.57	- .16	58	55	+ 1	Z	0	0	0		64	52	0.48
† Aberdeen	29.66	62	Z	0	0		29.58	- .15	55	54	- 4	ENE	1	0	2		66	52	0.37
Leith	29.67	60	W	1	0		29.56	- .23	58	57	0	NE	1	0	*		72	52	0.05
† Shields	29.72	65	W	4	0		29.58	- .27	62	58	+ 1	SW	4	0	2		67	55	0.05
Spurn Head	29.84	60	SW	4	+		29.67	- .29	62	59	+ 3	SSW	4	0	4		66	56	-
York	29.82	61	SW	1	+		29.66	- .29	57	56	- 2	S	1	0	*		65	54	0.27
Nottingham	29.87	60	SSE	4	+		29.70	- .30	63	62	+ 2	SSW	4	0	*		66	55	0.16
† Ardrossan	29.70	58	WNW	3	0		29.57	- .20	56	55	0	WNW	2	0	1		66	53	0.10
† Mullaghmore	29.76	60	W	4	0		29.64	- .20	53	51	- 5	SW	5	0	3		62	50	0.15
Donaghadee	29.76	56	NNE	2	0		29.62	- .21	55	54	- 4	W	4	0	2		68	49	0.17
Parsonstown	29.81	60	SW	1	0		29.71	- .22	55	51	- 4	W	2	0	*		63	48	0.26
Barrow-in-Furness	29.79	59	SW	4	0		29.65	- .29	56	54	- 2	SW	3	0	0		62	54	0.08
† Holyhead	29.81	57	SSW	4	+		29.68	- .27	55	53	- 1	WNW	3	0	2		59	53	0.36
Liverpool (Bidston)	29.81	58	SW	2	+		29.66	- .29	56	54	- 4	W	3	0	1		63	54	0.28
† Valentia	29.88	56	W	4	0		29.78	- .22	56	53	+ 3	WNW	4	0	4		63	52	0.19
Roche's Point	29.85	58	WSW	4	0		29.76	- .24	57	53	- 1	WNW	4	0	4		65	52	0.06
Pembroke	29.90	56	SW	5	+		29.73	- .31	55	53	- 2	WNW	2	0	3		59	53	0.30
† Scilly	30.02	60	SW	5	0		29.80	- .24	58	56	- 1	WNW	4	0	4		65	55	0.42
Prawle Point	30.02	57	SW	4	0		29.76	- .27	57	57	0	WSW	3	+	4		61	54	0.15
Hurst Castle	30.02	58	W	5	0		29.77	- .26	56	56	- 3	WSW	5	0	4		63	56	0.06
† Dover	30.01	60	WSW	4	0		29.82	- .26	59	57	- 2	WSW	4	0	3		65	57	-
† London	29.91	61	SW	2	0		29.77	- .22	59	57	- 1	S	4	0	*		67	55	0.02
Oxford	29.95	58	SW	2	0		29.72	- .25	58	57	0	S	2	0	*		62	55	0.21
Cambridge	29.95	60	SSW	1	+		29.75	- .29	59	57	- 1	SSW	1	0	*		64	55	0.05
† Yarmouth	29.93	61	SW	2	0		29.77	- .28	59	57	- 1	SW	3	0	2		65	55	0.06
The Helder	29.96	60	SW	4	0		29.82	- .22	60	57	0	SW	2	0	2		64	57	-
Cape Gris Nez	30.04	57	SW	3	0		29.86	- .26	57	56	0	SW	4	0	3		70	55	0.04
† Jersey	30.12	60	W	3	0		29.88	- .24	57	57	- 1	SW	8	0	4		64	56	0.04
Brest	30.14	59	WSW	5	0		29.91	- .22	58	57	0	W	7	0	4		63	55	0.28
Lorient	30.13	63	WNW	4	0		29.96	- .25	59	57	+ 4	WSW	5	0	2		66	54	-
† Rochefort	30.15	69	WNW	4	0		30.06	- .18	63	59	0	WSW	5	0	2		77	57	-
Biarritz																			
Corunna	*	*	*	*	*												*	*	*
Brussels							29.90	- .20	60	56	0	SW	1	0	*		72	58	-
Charleville	30.08	71	SW	4	0		29.92	- .28	60	57	+ 8	SSE	3	0	*		78	54	-
Paris	30.10	73	S	3	0		29.95	- .26	64	59	0	WSW	1	0	*		*	*	-
Lyons	30.12	71	NNE	1	0		30.07	- .14	60	57	- 2	NNE	1	0	*		77	48	-
Toulon	30.06	71	W	1	0		30.06	.00	74	62	+ 3	Z	0	0	1		84	72	-

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.58	55	WSW	4	0		28.44	- .27	51	50	- 3	WSW	3	0	*		58	51	0.67
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.70	57	52	W	4	0	Valentia	29.94	62	62	SW	5	0
Sumburgh Head	29.67	55	50	W	2	0	Scilly	30.11	63	60	SW	4	0
Stornoway	29.70	59	58	S	3	0	Dover	30.06	60	57	SW	4	0
Aberdeen	29.68	64	60	SW	1	0	London	30.04	64	59	WSW	2	0
Shields	29.78	63	58	WSW	4	0	Yarmouth	29.97	64	58	WSW	2	0
Ardrossan	29.74	64	60	WSW	1	0	Jersey	30.19	62	58	WSW	3	0
Mullaghmore	29.84	62	58	W	4	0	Rochefort	30.21	74	63	WNW	4	0
Holyhead	29.90	59	58	SSW	4	+							

The wind is generally light or moderate from SW, but at Stornoway it is S, and at Valentia it is backing toward that quarter and is freshening. Pressure is steady in the NW, but is decreasing elsewhere, and the weather is far from settled.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); n. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 8 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

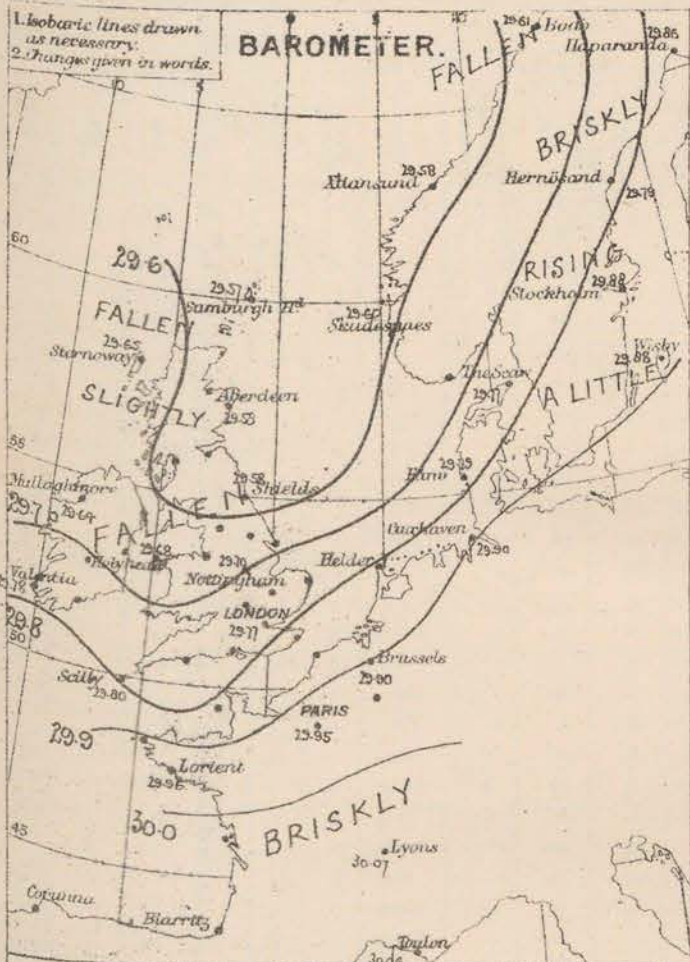
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Wednesday 7th JULY 1880.

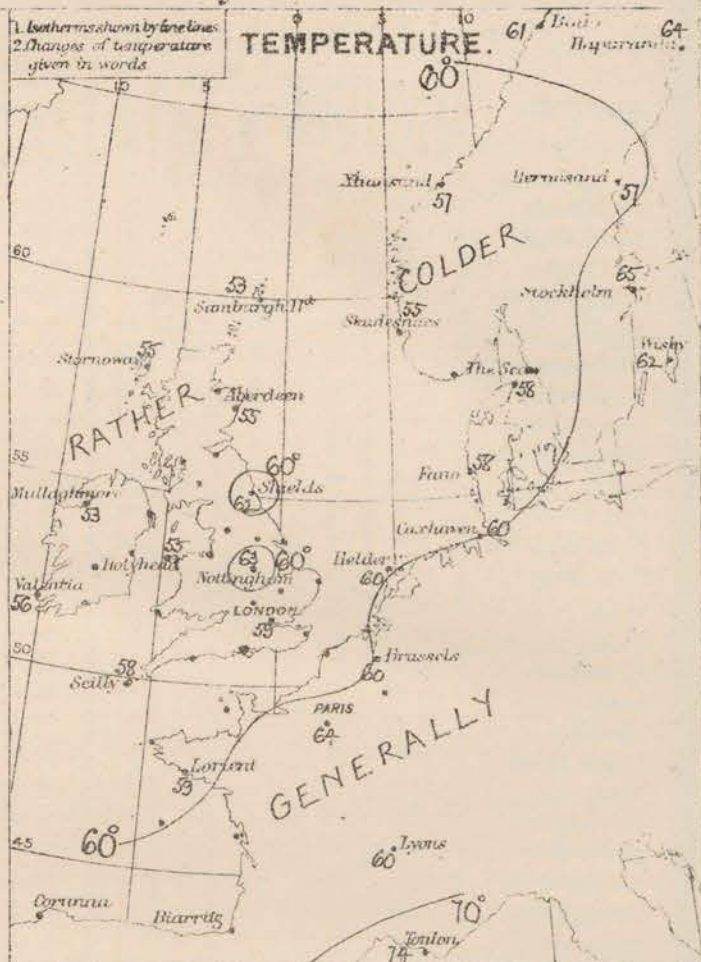
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



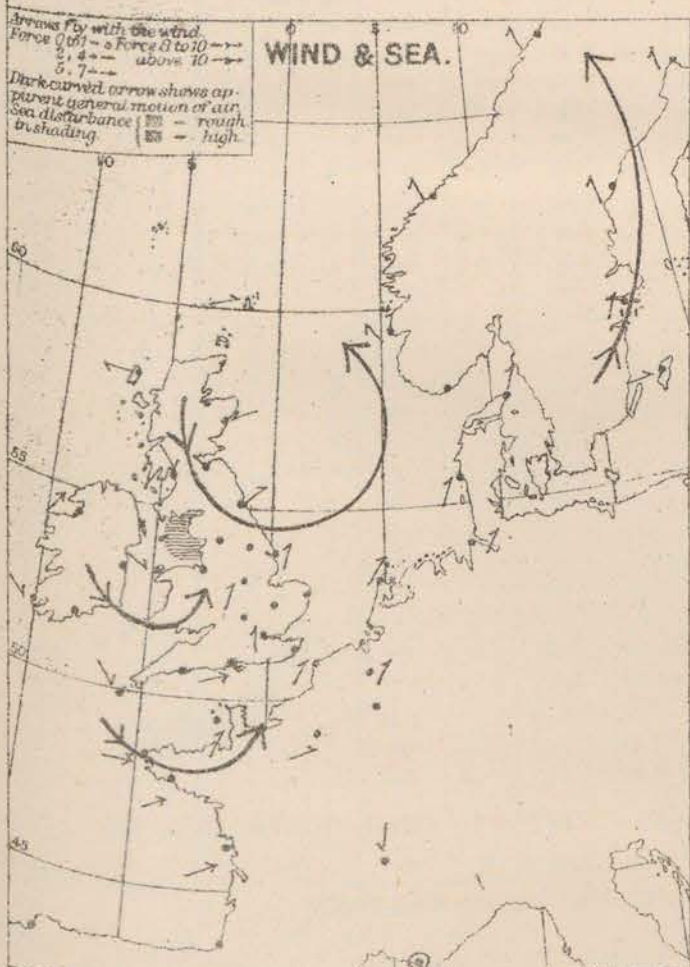
1. Isotherms shown by lines.
2. Changes of temperature given in words.

TEMPERATURE.



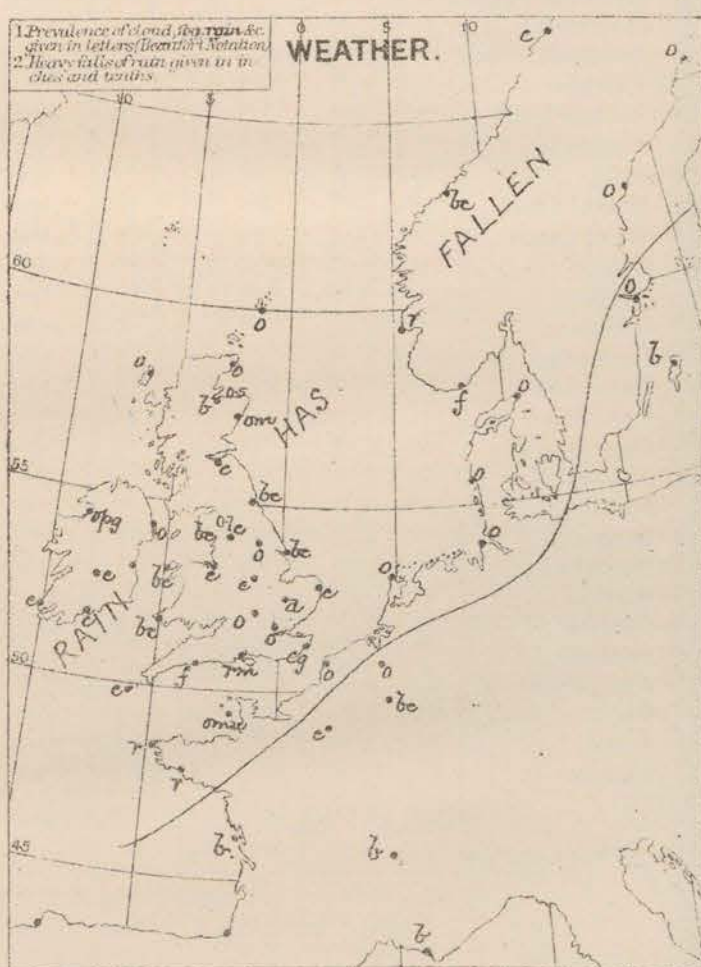
Arrows fly with the wind.
Force 0 to 10 —
Force 11 to 20 —
Force 21 to 30 —
Force 31 to 40 —
Force 41 to 50 —
Force 51 to 60 —
Force 61 to 70 —
Force 71 to 80 —
Force 81 to 90 —
Force 91 to 100 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance (rough) —
Shading — high.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (see table).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. Pressure is increasing a little over the British Isles, but in all other places it is decreasing briskly, and numerous small local depressions are passing across these islands, one of these centres lies over the E. of Scotland, a second over North Wales, and a third over the entrance of the Channel. They occasion very unsettled weather over the whole of our area, and the day is cloudy or dull except at a few stations in the N. of England, while rain is reported from the NW. of France and the W. of Ireland. Showers of rain have fallen in all parts of the Kingdom during the past 24 hours. Light E. and NE. breezes prevail at some of the British stations, with SE. winds in the W. and N. of Scandinavia, but in all other places breezes between SW. and NW. are felt. Thermometer has fallen very generally, and readings are low for the time of year. They range over these islands from 57° at Wick to 63° at Nottingham, over France from 57° at B. to 64° at Paris, and over the countries to the E. of the North Sea from 55° at St. Petersburg to 65° at Stockholm. The maximum yesterday was between 60° and 68° generally, but the high at 7 p.m. at B. was 70°. Rain is moderate to much.

Subscription for three Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter. book post 6/-

Meteorological Office.
116, Victoria Street, Westminster, S.W.
R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

8TH JULY

1880.

STATIONS.	† YESTERDAY EVENING.						S A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.82	57	S	4	b	29.84	- 0.2	56	56	- 8	S	2	o	*	64	54	-		
Hernösand	29.80	58	S	4	c	29.81	+ 0.2	63	59	+ 6	S	4	b	*	64	50	-		
Stockholm	29.88	61	SSW	2	o	29.89	+ 0.1	72	62	+ 7	S	2	b	*	73	54	-		
Wisby	29.88	62	S	2	b	29.85	- 0.3	69	62	+ 7	S	4	b	*	73	48	-		
Bodo	29.68	52	SW	2	c	29.73	+ 0.2	54	52	- 7	Z	0	c	o	61	50	-		
Christiansund	29.89	55	WNW	4	c	29.89	+ 0.1	61	57	+ 4	E	1	b	1	64	46	-		
† Skudesnaes	29.89	56	SSE	4	o	29.80	- 0.10	58	56	+ 3	SE	4	r	3	?	55	-		
Oxö (Kjansund)	29.69	57	S	4	f	29.59	- 0.2	58	57	+ 1	ESE	4	r	2	59	55	0.24		
Skagen (The Skaw)	29.75	58	S	3	o	29.65	- 0.12	59	59	+ 1	SSE	3	r	0	63	55	0.39		
+ Fanö	29.68	58	S	3	r	29.59	- 0.20	59	58	+ 1	SSW	4	r	*	64	55	0.35		
Cuxhaven	29.79	67	SSW	3	b	29.69	- 0.21	63	63	+ 3	SSW	3	o	*	64	55	0.12		
† Sumburgh Head	29.84	55	SSE	2	c	29.47	- 0.10	54	53	+ 1	NE	3	o	2	60	50	0.17		
† Stornoway	29.84	56	N	2	o	29.53	- 0.12	56	55	+ 1	?	3	c	2	59	49	0.12		
Wick	29.82	59	E	2	b	29.43	- 0.15	55	54	+ 4	NE	3	r	2	61	50	0.12		
Nairn	29.81	57	Z	0	o	29.44	- 0.13	54	52	- 4	NNE	3	o	2	60	53	0.39		
† Aberdeen	29.48	56	Z	0	o	29.44	- 0.16	57	55	+ 2	Z	0	c	1	62	53	0.24		
Leith	29.49	55	E	1	c	29.43	- 0.13	55	54	- 3	W	1	r	*	62	51	0.41		
† Shields	29.50	61	W	2	b	29.48	- 0.12	56	52	- 6	SW	2	c	2	65	58	-		
Spurn Head	29.55	57	SSE	1	o	29.53	- 0.14	58	55	- 4	SW	4	b	3	63	52	0.74		
York	29.55	61	W	3	b	29.51	- 0.15	57	58	0	WSW	2	c	*	63	50	0.04		
Nottingham	29.59	63	W	1	b	29.54	- 0.16	60	57	- 3	W	2	b	*	67	48	0.30		
† Ardrossan	29.50	60	WNW	2	c	29.45	- 0.12	58	52	- 1	WNW	3	c	2	64	52	-		
† Mullaghmore	29.62	59	WNW	5	c	29.56	- 0.08	56	53	+ 3	WNW	6	og	5	61	52	0.19		
Donaghadee	29.84	56	W	2	c	29.80	- 0.12	55	53	0	WNW	3	o	1	62	47	0.05		
Parsonstown	29.63	62	WNW	2	c	29.63	- 0.08	54	52	- 1	WSW	2	od	*	62	51	0.13		
Barrow-in-Furness	29.80	56	W	2	b	29.49	- 0.16	54	52	- 2	W	4	b	5	62	52	0.10		
† Holyhead	29.60	59	SW	3	c	29.56	- 0.12	55	53	0	WSW	3	r	2	61	52	0.10		
Liverpool (Bidston)	29.58	65	WSW	2	c	29.54	- 0.12	54	51	- 2	W	4	b	2	62	50	0.21		
† Valentia	29.76	58	WNW	5	c	29.74	- 0.04	57	54	+ 1	WNW	4	c	4	64	54	0.31		
Roche's Point	29.63	58	WNW	5	b	29.69	- 0.07	57	54	0	WNW	4	c	4	64	53	0.18		
Pembroke	29.62	58	WSW	4	b	29.65	- 0.08	56	54	+ 1	W	5	c	4	59	53	-		
† Scilly	29.79	59	W	6	c	29.75	- 0.05	58	56	0	WNW	4	c	4	61	54	0.10		
Prawle Point	29.71	58	W	3	b	29.70	- 0.06	57	56	0	SW	3	b	3	62	52	0.02		
Hurst Castle	29.68	59	W	2	b	29.70	- 0.07	59	58	+ 3	WNW	5	b	3	62	56	0.14		
† Dover	29.64	58	WSW	5	or	29.66	- 0.10	59	57	0	WSW	4	b	3	59	58	0.36		
† London	29.64	60	SSW	2	o	29.65	- 0.12	60	55	+ 1	WSW	3	b	*	65	50	0.05		
Oxford	29.62	57	WSW	2	b	29.62	- 0.10	57	52	- 1	WSW	2	b	*	64	50	0.17		
Cambridge	29.58	60	SW	1	b	29.60	- 0.15	57	54	- 2	SW	1	c	*	66	47	0.16		
† Yarmouth	29.60	63	SW	3	b	29.60	- 0.17	57	54	- 2	WSW	3	c	2	64	50	0.08		
The Helder	?	59	?	3	r	29.62	- 0.20	60	56	0	SW	3	b	2	63	56	0.39		
Cape Gris Nez	29.67	59	SW	7	r	29.66	- 0.20	56	55	- 1	SW	8	r	6	61	55	0.39		
† Jersey	29.87	58	W	5	c	29.80	- 0.08	59	57	+ 2	W	5	c	5	60	54	0.20		
Brest	29.88	60	WNW	3	b	29.84	- 0.07	58	55	0	W	4	o	4	63	55	0.39		
Lorient	29.86	62	WNW	5	b	29.85	- 0.11	59	55	0	WNW	5	b	4	64	54	0.59		
† Rochefort	29.96	64	W	5	o	29.94	- 0.12	62	59	- 1	WNW	5	b	2	70	57	0.32		
Biarritz	30.02	66	WNW	4	o	29.98	- 0.12	62	60	- 1	W	5	r	3	73	59	-		
+ Corunna	*	*	*	*	*	30.10	- 0.19	64	53	- 2	WNW	1	o	2	*	*	*		
Brussels	*	*	*	*	*	29.75	- 0.15	58	53	- 2	SW	5	b	*	64	53	0.24		
Charleville	29.84	62	WNW	3	r	29.77	- 0.15	58	53	- 5	SSW	3	b	*	79	55	0.16		
Paris	29.84	62	S	3	r	29.84	- 0.11	62	61	- 2	SSW	4	b	*	*	*	0.16		
Lyons	29.82	79	S	3	c	29.93	- 0.11	62	61	- 2	WNW	1	r	*	86	60	0.28		
Toulon	29.97	75	W	3	b	29.95	- 0.11	68	66	- 6	SW	3	m	2	84	66	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.83	53	WSW	4	b	28.27	- 0.14	50	49	- 1	WSW	3	oup	*	57	44	0.04
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	29.62	56	55	S	2	rf	Valentia ...	29.75	60	57	WNW	5	ofg	5
Sumburgh Head	29.56	58	55	WSW	2	o	Scilly ...	29.80	61	58	WNW	5	b	4
Stornoway ...	29.60	57	54	N	2	c	Dover ...	29.74	57	57	SW	5	or	4
Aberdeen ...	29.55	59	57	ENE	1	c	London ...	29.68	64	59	WSW	3	o	*
Shields ...	29.54	62	55	W	2	c	Yarmouth ...	29.67	60	58	SSW	3	c	3
Ardrossan ...	29.53	61	55	SW	1	b	Jersey ...	29.80	58	58	SW	6	over	4
Mullaghmore ...	29.63	58	55	WNW	5	c	Rochefort ...	30.01	64	61	W	5	c	2
Holyhead ...	29.64	60	56	SW	3	b								

Weather remains unsettled with rain in the SE. and SW. and moderate to fresh W. to NW breezes. Pressure still decreases gradually but the change is very slight in the W. and temperature readings range from 57 at Dover and Stornoway to 62 in London.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (overcast); p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

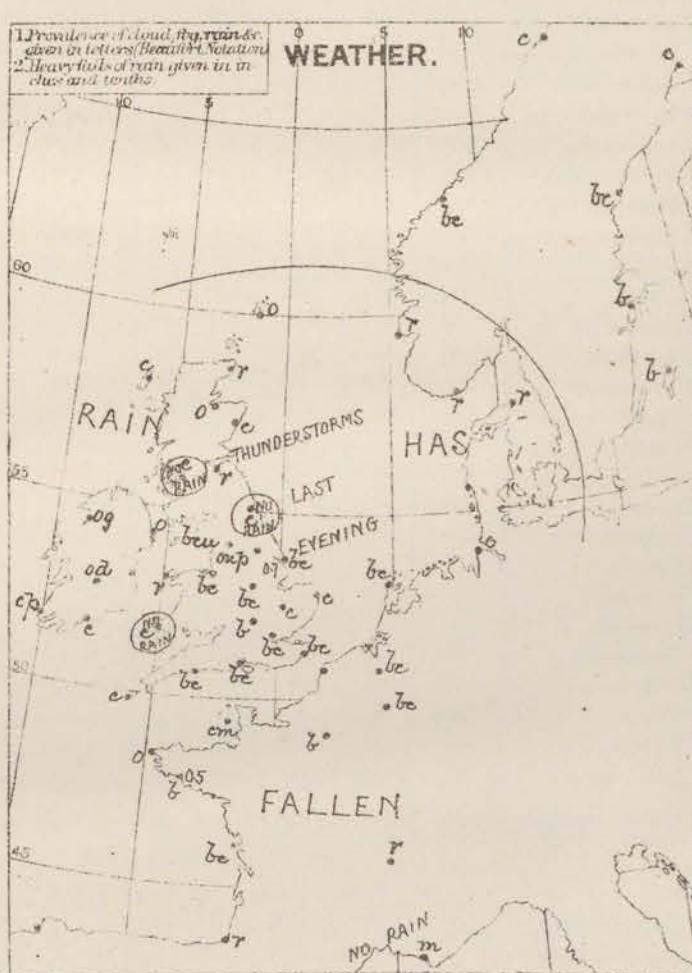
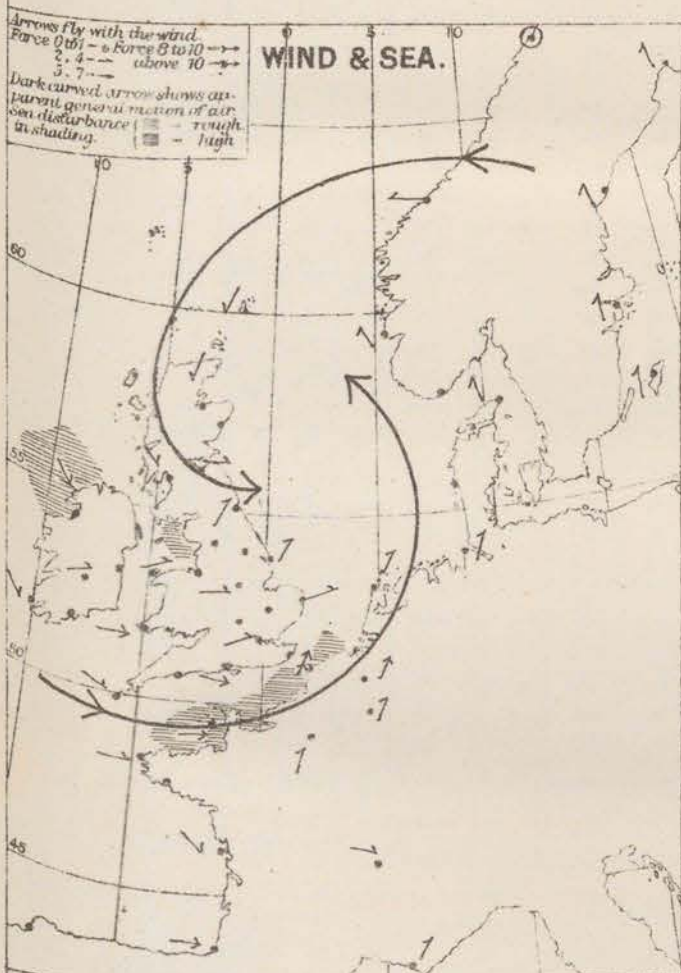
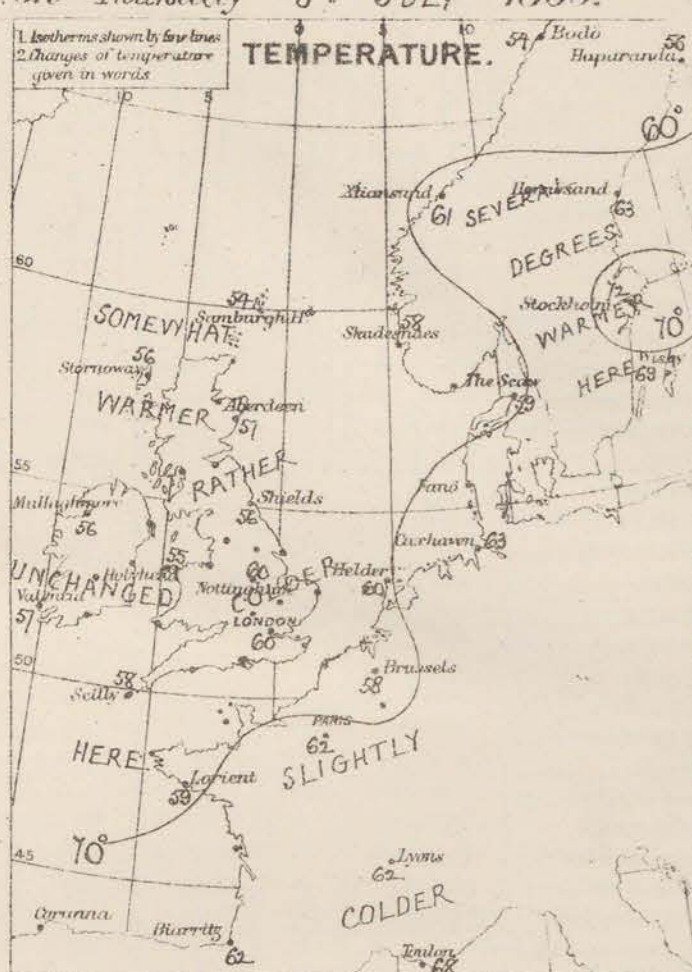
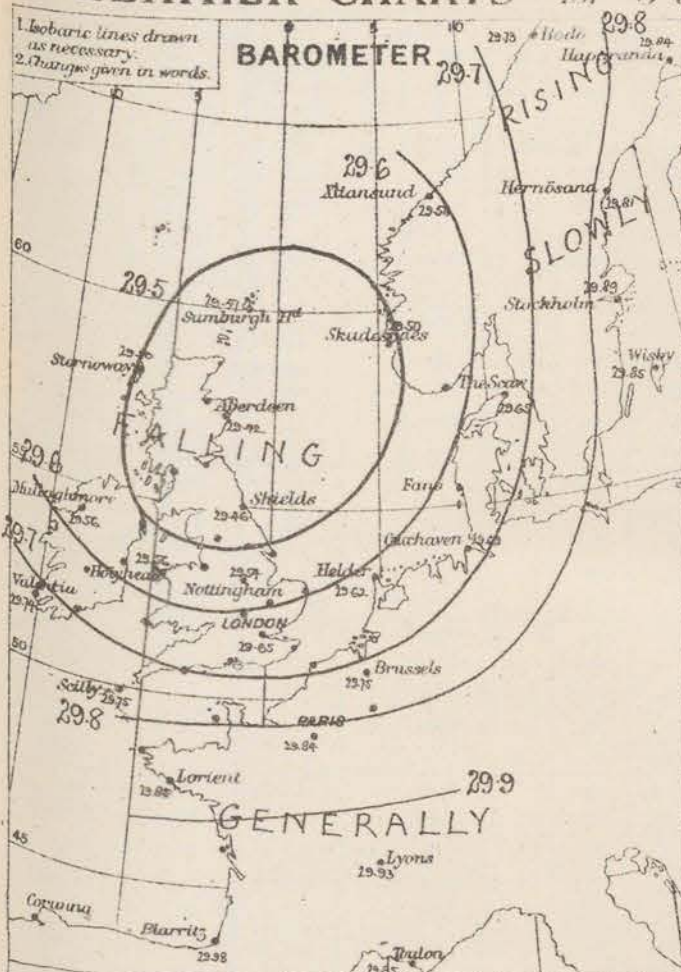
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

+ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Thursday 8th JULY 1880.



REMARKS. Very little change has taken place during the past 24 hours in the general distribution of pressure over our islands. The depression recently noticed in the N. shows no change of position, but while the barometer is inclined to fall a little in all parts of the British Isles, it has risen over the N^w parts of Scandinavia. Temperature has fallen a few degrees over our E. and NE. coasts and is low over our islands generally for the time of year, though it is high in Sweden. The highest reading recorded yesterday at any of our own stations was only 67° (at Nottingham); at Pembroke the maximum was only 59° at Jersey 60°, or about 13° lower than the present reading at Stockholm. The wind is light from the NE^w in Scotland, fresh from NW in Ireland, moderate from W over England and from SE in Norway. In the Bay of Biscay, however, it is NW. Rain has fallen at nearly all stations during the past 24 hours, and thunderstorms have occurred in the N. and NE. The sky has since cleared a good deal over England, but dull showery weather still holds in Ireland. The sea is moderate or slight on our own coasts, but rough on the French side of the Channel.

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

R. H. SCOTT.
Secretary

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 9TH JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 3 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.85	55	S	2	bc	29.88	+ 0.4	59	53	+ 3	S	2	bc	*	61	54	—		
Hernösand	29.84	56	S	0	bc	29.87	+ 0.6	59	58	— 4	SSW	2	o	*	64	54	0.08		
Stockholm	29.89	62	S	4	b	29.89	00	63	60	— 9	S	3	o	*	77	57	0.08		
Wisby	29.86	64	SE	4	b	29.86	+ 0.1	67	63	— 2	WSW	2	o	*	79	56	—		
Bodö																			
Christiansund	29.53	68	SSE	1	c	29.67	+ 0.8	57	54	— 4	WSW	3	†	2	70	48	0.04		
† Skudesnaes	29.60	56	S	4	o	29.74	+ 2.4	56	53	— 2	SE	4	o	3	59	55	—		
(XO) (Xinnasund)	29.68	58	S	4	c	29.82	+ 2.3	59	56	+ 1	SSW	4	o	4	63	57	0.02		
Skagen (The Skaw)	29.75	60	S	0	b	29.90	+ 2.5	58	56	— 1	SSW	3	b	3	70	52	0.20		
Fanö	29.79	57	SW	4	b	29.83	+ 2.4	63	60	+ 4	S	4	bc	*	64	52	—		
Cuxhaven	29.74	68	SW	1	b	29.88	+ 1.9	64	64	+ 1	SSW	1	b	*	68	54	—		
† Sumburgh Head	29.48	56	NE	4	f	29.61	+ 1.4	56	55	+ 2	S	3	†	3	61	52	0.27		
† Stornoway	29.52	59	NNW	3	c	29.63	+ 1.0	56	56	0	NNE	1	†	0	59	47	0.11		
Wick	29.48	60	E	2	bc	29.61	+ 1.8	60	58	+ 5	E	1	c	1	65	49	—		
Nairn	29.48	59	E	1	b	29.61	+ 1.7	57	54	+ 3	S	0	bc	0	61	50	0.04		
† Aberdeen	29.46	59	S	1	bc	29.63	+ 2.1	61	57	+ 4	S	0	bc	1	66	45	—		
Leith	29.46	57	NE	1	bc	29.62	+ 1.9	55	53	0	NNE	1	o	*	64	45	0.01		
† Shields	29.48	55	S	0	c	29.62	+ 1.6	57	55	+ 1	SW	1	c	*	60	52	0.53		
Spurn Head	29.55	59	SSW	4	bc	29.63	+ 1.0	57	55	— 1	SSW	3	c	3	64	54	0.26		
York	29.53	56	SSW	1	o	29.63	+ 1.2	57	55	0	S	1	c	*	63	51	0.30		
Nottingham	29.63	62	WSW	2	c	29.71	+ 1.7	63	58	+ 3	SSW	3	c	*	68	56	0.15		
† Ardrossan	29.47	57	E	1	†	29.61	+ 1.6	58	55	+ 3	NE	1	c	1	63	51	0.33		
† Mullaghmore	29.56	55	NE	6	opg	29.69	+ 1.3	56	55	0	N	4	opg	4	56	53	0.13		
Donaghadee	29.50	55	SW	1	c	29.63	+ 1.3	57	55	+ 2	NNW	2	bc	0	60	48	0.12		
Parsonstown	29.61	56	NE	3	o	29.70	+ 0.7	58	55	+ 4	NE	1	c	*	59	50	0.37		
Barrow-in-Furness	29.40	56	WSW	3	†	29.46	+ 1.3	56	54	+ 2	NE	2	bc	4	61	54	0.05		
† Holyhead	29.56	55	WSW	3	†	29.66	+ 1.0	57	55	+ 2	WSW	3	o	2	59	53	0.28		
Liverpool (Bidston)	29.53	58	WSW	4	c	29.66	+ 1.2	57	53	+ 3	SW	1	c	1	61	53	0.05		
† Valentia	29.73	55	NE	4	op	29.74	00	59	56	+ 2	NE	4	bc	4	63	52	0.27		
Roche's Point	29.66	56	NE	5	c	29.71	+ 0.2	58	54	+ 1	NE	3	c	4	63	51	0.06		
Pembroke	29.64	57	N	4	o	29.69	+ 0.4	55	54	— 1	N	1	c	2	59	53	—		
† Scilly	29.76	59	N	5	op	29.76	+ 0.1	56	54	— 2	N	4	op	4	62	54	0.13		
Prawle Point	29.71	57	SW	4	bc	29.75	+ 0.5	59	56	+ 2	SW	3	bc	3	61	53	—		
Hurst Castle	29.71	61	N	6	bc	29.78	+ 0.8	58	57	— 1	WSW	6	bc	4	63	57	—		
† Dover	29.71	58	WSW	5	b	29.81	+ 1.5	61	58	+ 2	SW	4	bc	3	62	56	—		
† London	29.68	62	SW	3	c	29.77	+ 1.2	62	56	+ 2	SW	2	c	*	69	52	0.10		
Oxford	29.66	58	S	2	b	29.73	+ 1.1	58	54	+ 1	S	3	c	*	64	56	0.02		
Cambridge	29.64	62	SW	1	c	29.75	+ 1.5	58	55	+ 1	SW	1	bc	*	68	56	0.02		
† Yarmouth	29.65	62	SW	2	b	29.76	+ 1.6	60	55	+ 3	SW	3	bc	2	65	53	0.05		
The Helder	29.74	61	SW	3	b	29.81	+ 1.9	60	56	+ 0	SW	3	bc	2	66	54	0.04		
Cape Gris Nez	29.77	61	ESE	4	bc	29.82	+ 1.6	58	56	+ 2	WSW	5	c	3	60	55	—		
† Jersey	29.82	60	N	4	bm	29.85	+ 0.5	58	56	+ 1	SW	4	bc	3	62	54	—		
Brest	29.87	59	N	4	o	29.94	00	57	55	— 1	N	4	o	3	63	55	0.08		
Lorient	29.86	61	NNW	5	b	29.84	+ 0.1	60	56	+ 1	WSW	4	bc	3	64	54	0.12		
† Rochefort	29.95	65	E	7	bc	29.94	+ 0.0	62	58	0.0	N	4	bc	2	71	55	0.04		
Biarritz																			
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.89	+ 1.4	60	55	+ 2	SSW	3	b	*	69	53	0.08		
Charleville	29.82	66	SW	4	b	29.89	+ 1.2	61	55	+ 3	WSW	3	bc	*	79	55	—		
Paris	29.85	63	SW	4	†	29.94	+ 1.0	60	55	— 2	SW	4	b	*	*	*	0.04		
Lyons	29.89	69	S	1	c	29.98	+ 0.5	62	59	0	NNW	1	c	*	75	?	0.32		
Toulon	29.93	70	SW	3	m	29.99	+ 0.4	67	65	— 1	S	0	m	1	77	63	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	57	WSW	2	ow	28.41	+ 1.4	57	57	+ 2	WSW	2	†w	*	56	48	1.08		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.29	57	WSW	2	ow	28.41	+ 1.4	52	51	+ 2	WSW	2	†w	*	56	48	1.08
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.62	58	56	SSE	4	cf	4	Valentia ...	29.74	58	55	NNW	4	o	5
Sumburgh Head	29.46	59	57	NE	3	c	2	Scilly ...	29.76	62	60	WSW	4	cf	4
Stornoway ...	29.50	52	50	NE	3	o	2	Dover ...	29.70	61	58	SW	5	b	4
Aberdeen ...	29.42	62	58	S	1	bc	1	London	29.68	58	56	SW	4	gpts	*
Shields ...	29.47	56	52	WSW	2	o	2	Yarmouth ...	29.63	64	56	WSW	4	b	2
Ardrossan ...	29.42	61	55	SW	1	bc	1	Jersey ...	29.81	60	57	WSW	4	am	2
Mullaghmore ...	29.56	55	53	NN	6	opg	5	Rochefort ...	29.97	71	61	WSW	7	bc	2
Holyhead ...	29.56	57	56	WSW	4	op	3								

The changes in pressure though very slight, are generally upward. The wind remains N on most coasts, and the weather though locally clear in some parts of the country remains unsettled and showery.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (mist); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

DAILY WEATHER REPORT 10th JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Bar. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.84	58	S	2	b	29.89	+ 01	57	54	- 2	S	2	o	*	63	54	-		
Hernösand	29.89	60	S	2	bc	29.90	+ 03	69	60	+ 10	SW	2	b	*	70	50	-		
Stockholm	29.91	64	SSW	2	o	30.01	+ 12	71	59	+ 8	SW	2	b	*	77	59	-		
Wisby	29.90	63	NNW	2	e	29.95	+ 09	63	50	- 4	NNW	2	b	*	70	54	-		
Bodo	29.79	53	SSW	2	b	29.84		51	50		SW	4	o	3	55	50	0.20		
Christiansund	29.82	58	NE	3	c	29.86	+ 19	58	55	+ 1	WSW	1	c	1	61	48	-		
† Skudesnaes	29.81	59	SSE	6	c	29.87	+ 13	57	54	+ 1	SSE	5	o	4	59	?	-		
Oxö (Xtiansund)	29.88	60	SSE	4	c	29.94	+ 12	61	57	+ 2	SSE	2	bc	2	66	56	-		
Skagen (The Skaw)	29.91	59	SSW	2	b	29.98	+ 08	60	58	+ 2	L	0	bc	0	66	50	0.47		
Fanö	29.93	59	WSW	1	b	29.90	+ 07	62	59	- 1	E	4	o	*	68	52	-		
Cuxhaven	30.01	66	NE	2	b	29.90	+ 02	64	64	0	SE	3	r	*	68	57	0.05		
† Sumburgh Head	29.68	58	S	2	bc	29.75	+ 14	57	56	+ 1	NE	2	o	2	61	50	-		
† Stornoway	29.73	57	E	3	r	29.81	+ 18	58	57	+ 2	NNE	3	o	2	59	49	0.02		
Wick	29.66	57	SE	1	o	29.73	+ 12	57	55	- 3	SE	1	bc	1	62	51	0.20		
Nairn	29.65	60	L	0	b	29.74	+ 13	55	53	- 2	L	0	o	1	60	53	0.23		
† Aberdeen	29.66	62	S	1	bc	29.74	+ 11	54	53	- 7	NNW	1	r	1	68	53	0.13		
Loith	29.67	61	E	1	bc	29.74	+ 12	60	58	+ 5	W	1	bc	*	65	50	-		
† Shields	29.68	60	L	0	c	29.77	+ 15	60	56	+ 3	NNW	2	bc	1	62	48	0.13		
Spurn Head	29.74	57	SE	1	c	29.81	+ 18	60	58	+ 3	S	1	bc	1	65	53	0.16		
York	29.71	59	S	1	e	29.81	+ 18	57	55	0	SW	1	c	*	67	51	0.15		
Nottingham	29.76	58	SSW	1	o	29.83	+ 12	64	61	+ 1	WSW	1	c	*	71	48	0.29		
† Ardrossan	29.67	53	SW	1	c	29.76	+ 15	58	55	0	NNW	3	b	2	67	54	0.05		
† Mullaghmore	29.73	59	NNW	5	bc	29.88	+ 19	56	53	0	NE	4	og	3	63	55	0.08		
Donaghadee	29.71	59	SE	3	c	29.82	+ 19	55	53	- 2	NNW	4	c	2	62	50	0.04		
Parsonstown	29.75	59	NNW	1	o	29.90	+ 20	55	53	- 3	L	0	od	*	63	53	0.55		
Barrow-in-Furness	29.71	61	WSW	2	b	29.79	+ 18	58	55	+ 2	W	2	o	4	65	51	-		
† Holyhead	29.72	61	SW	2	b	29.84	+ 18	57	56	0	NNW	2	o	1	63	54	0.04		
Liverpool (Bidston)	29.72	59	S	1	c	29.81	+ 15	62	55	+ 5	WSW	1	b	1	62	53	0.05		
† Valentia	29.84	60	NNW	5	bc	29.97	+ 23	59	56	0	NNW	4	c	4	64	54	-		
Roche's Point	29.79	57	NNW	4	bc	29.92	+ 21	57	53	- 1	NNW	4	o	4	66	53	0.08		
Pembroke	29.77	59	W	2	bc	29.86	+ 17	56	55	+ 1	NNW	3	c	1	61	54	-		
† Scilly	29.80	59	WSW	4	c	29.94	+ 18	58	57	+ 2	NNW	4	c	4	62	55	0.01		
Prawle Point	29.80	57	WSW	3	bc	29.89	+ 14	56	56	- 3	WSW	2	m	3	63	52	-		
Hurst Castle	29.82	60	WSW	3	b	29.89	+ 11	54	54	- 4	W	3	bc	3	62	?	0.07		
† Dover	29.83	60	S	3	b	29.85	+ 04	64	60	+ 3	WSW	2	b	2	64	57	0.10		
† London	29.80	62	WSW	4	b	29.87	+ 10	61	56	- 1	SW	2	bc	*	68	51	0.07		
Oxford	29.88	58	SSW	1	o	29.86	+ 13	54	53	- 4	S	1	o	*	64	49	0.57		
Cambridge	29.75	64	SW	1	b	29.85	+ 10	54	53	- 4	SW	1	o	*	69	49	-		
† Yarmouth	29.80	64	SSW	4	bc	29.84	+ 08	58	56	- 2	L	0	od	2	65	56	0.09		
The Helder	29.89	63	S	1	b	29.82	+ 12	62	60	+ 2	ESE	1	c	1	72	57	-		
Cape Gris Nez	29.93	63	SW	3	c	29.86	+ 04	58	57	0	SW	3	bc	1	66	55	0.24		
† Jersey	29.86	60	W	2	bc	29.97	+ 12	58	56	0	WSW	3	cg	3	63	52	0.03		
Brest	29.88	59	NNW	3	o	29.98	+ 14	58	56	+ 1	NNW	1	b	3	63	54	0.16		
Lorient	29.86	63	W	3	bc	29.97	+ 13	59	56	- 1	NNW	4	bc	2	64	54	-		
† Rochefort	29.95	64	SW	4	c	30.04	+ 10	63	58	+ 1	NNW	5	bc	2	73	55	0.12		
Biarritz	29.92	63	N	4	o	30.06		63	59		NNW	5	c	3	68	57	0.08		
Corunna	*	*	*	*	*			*	*		*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.85	- 04	57	57	- 1	S	1	o	*	71	57	0.24		
Charleville	29.90	68	S	4	bc	29.89	00	59	55	- 2	SW	4	o	*	79	55	0.35		
Paris	29.92	69	SE	3	o	29.97	+ 03	63	59	+ 3	W	4	o	*	*	*	0.04		
Lyons	29.85	68	N	1	o	30.04	+ 02	63	60	+ 1	E	1	r	*	77	59	0.12		
Toulon	29.99	70	SE	3	bc	29.98	- 01	71	60	+ 4	E	5	b	3	75	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.88	59	WSW	2	bc	29.88	+ 17	53	51	+ 1	WSW	3	c	*	61	46	0.07		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.88	59	WSW	2	bc	29.88	+ 17	53	57	+ 1	WSW	3	61	46	0.07			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.80	59	57	SSE	6	o	4	Valentia ...	29.80	63	57	NNW	3	bc	4
Sumburgh Head	29.65	58	57	S	3	c	3	Scilly ...	29.78	61	57	WSW	4	o	4
Stornoway ...	29.78	58	57	NNE	2	r	1	Dover ...	29.84	63	59	SW	4	b	3
Aberdeen ...	29.64	61	58	SE	1	bc	2	London ...	29.78	66	58	S	3	bc	*
Shields ...	29.65	62	59	N	2	c	0	Yarmouth ...	29.79	63	57	S	4	bc	3
Ardrossan ...	29.63	64	58	NN	1	c	1	Jersey ...	29.86	62	59	SSW	3	bc	3
Mullaghmore ...	29.71	62	60	NN	5	cp	5	Rochefort ...	29.93	69	61	SW	2	o	1
Holyhead ...	29.70	59	58	WSW	2	b	1								

Pressure is increasing slowly everywhere, but the weather though fine in a few places remains showery and unsettled generally. The wind is moderate - from NW in Ireland and from W. and S. in Great Britain.

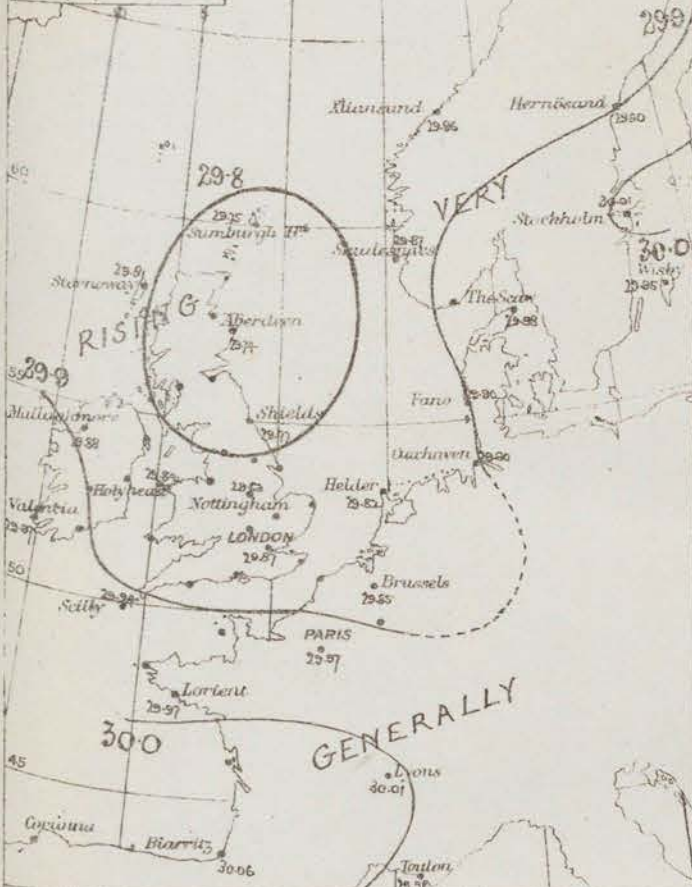
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 10th JULY. 1880.

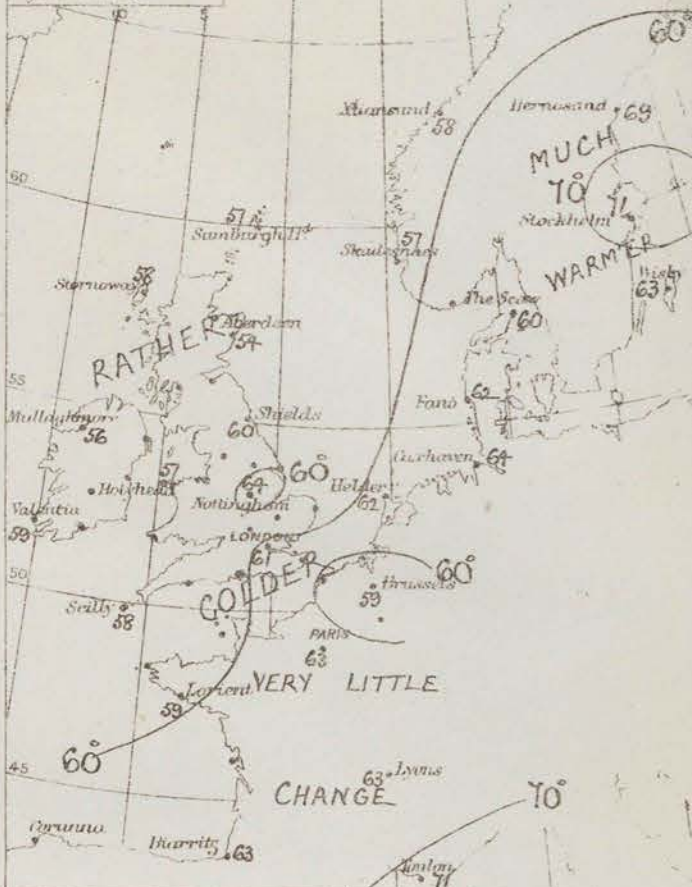
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



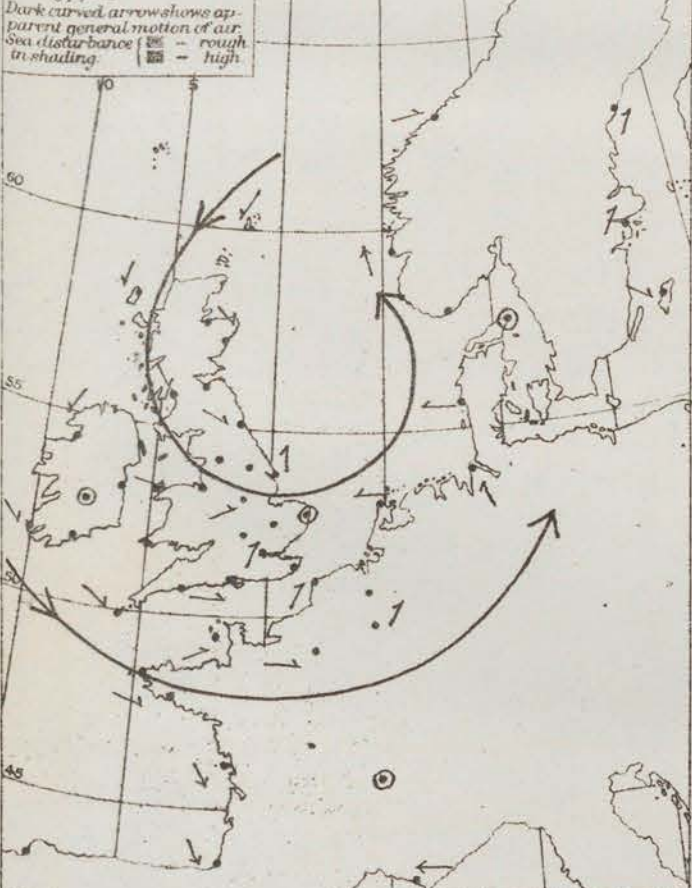
1. Isotherms drawn by few lines.
2. Changes of temperature given in words.

TEMPERATURE.



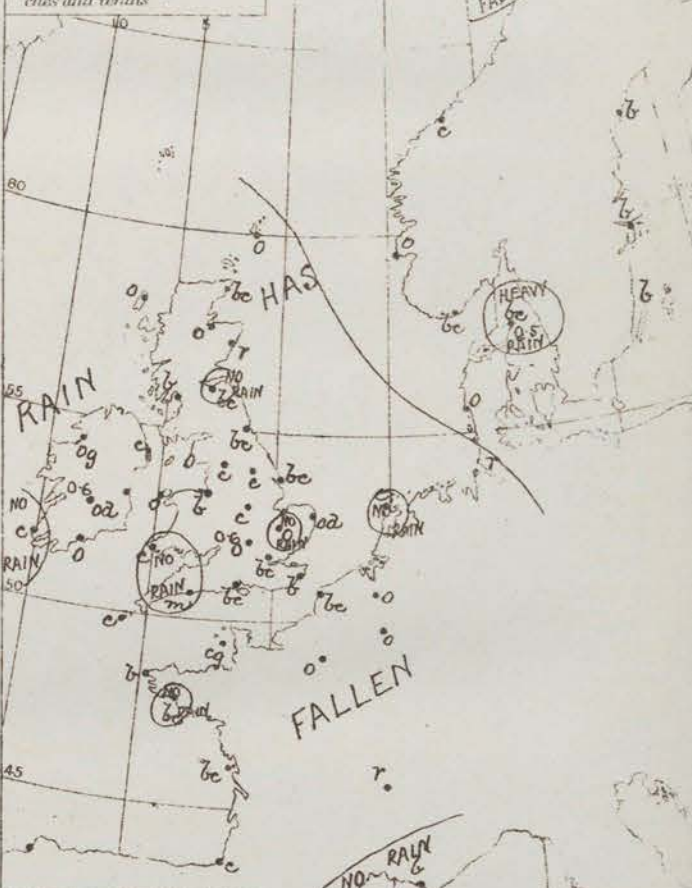
Arrows fly with the wind.
Force 0 to 10 — Force 6 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrows show apparent general motion of air.
Sea disturbance: — rough in shading — high

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Brevity Notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The barometer is rising this morning in all parts of W. Europe except at Looe and over N. Germany. The depression noticed in the N. during the past few days is still shown there, while small subsidiary disturbances are reported from our SW. coasts and over the Netherlands. Areas of high pressure are shown over the W. of France and over the Baltic. The wind, which is light or moderate generally, blows from N. over W. coast, from W. over England and the greater part of France, from E. over N. Germany and from S. over Scandinavia. The weather varies considerably in different localities and rain is falling at Aberdeen, Yarmouth and over Central England. Showers of rain have fallen in most parts of the Kingdom. Temperature has changed little over France, fallen a few degrees over the British Isles, and risen fast over the Baltic. Readings range over these Islands from 55° at Looe and 54° at Harwich to 64° at Nottingham, over France from 58° at Cape Fin des Isles to 71° at Looe, and over Scandinavia from 51° at Stockholm to 71° at Stockholm. Sea is moderate to smooth.

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Meteorological Office.
116, Victoria Street, Westminster, S.W.
R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

11th JULY

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.89	55	2	0	b	30.01	+ 12	62	55	+ 5	2	0	b	*	63	50	—		
Hernösand	29.97	66	8	2	bc	30.00	+ 10	59	57	+ 10	NE	2	0	*	79	50	—		
Stockholm	30.01	64	8W	2	c	29.90	— 11	60	63	— 5	ESE	2	0	*	82	65	—		
Wisby	29.96	62	7	2	b	29.88	— 07	67	65	+ 4	SW	4	c	*	70	62	0.20		
Bodö	29.60	48	SW	4	c	30.05	+ 21	50	47	— 1	Z	0	c	0	84	46	—		
Christiansund	29.95	58	N	1	b	29.90	+ 04	54	51	— 4	NE	5	0	2	61	46	—		
† Skudesnaes	29.86	59	8	2	0	29.72	— 15	56	55	— 1	NW	4	r	3	61	?	—		
Örö (Kriensund)	29.88	59	NNE	2	0	29.65	— 23	55	53	— 6	WSW	6	0	3	63	52	0.47		
Skagen (The Skaw)	29.81	59	NE	2	r	29.78	— 20	59	55	— 1	WSW	7	c	3	66	55	0.32		
Fanö	29.79	55	WSW	6	c	29.94	+ 04	62	59	— 0	WSW	3	c	*	64	55	1.42		
Cuxhaven	29.86	65	7	3	bc	30.04	+ 14	61	61	— 2	WSW	4	bc	*	?	54	0.40		
† Sumburgh Head	29.80	58	ESE	3	m	29.87	+ 12	57	56	— 0	NE	4	c	3	60	54	0.01		
† Stornoway	29.90	55	NNE	4	r	30.01	+ 20	55	53	— 3	NNE	4	0	3	61	49	0.05		
Wick	29.81	55	NE	2	r	29.88	+ 15	58	57	+ 1	N	1	c	0	64	52	0.45		
Nairn	29.82	57	SW	2	r	29.92	+ 18	54	51	— 1	NW	4	0	2	66	52	0.05		
† Aberdeen	29.80	59	SW	1	c	29.90	+ 10	53	54	+ 4	NW	2	c	1	62	51	0.28		
Leith	29.82	58	NW	1	0	29.92	+ 18	59	56	— 1	W	1	b	*	69	54	0.25		
† Shields	29.82	61	E	1	bc	29.93	+ 16	58	55	— 2	NW	1	b	0	67	59	0.03		
Spurn Head	29.81	61	SW	2	bc	29.99	+ 18	58	55	— 2	WSW	4	bc	4	66	51	0.15		
York	29.84	66	W	2	bc	29.99	+ 18	60	56	+ 3	W	4	c	*	70	50	—		
Nottingham	29.94	62	W	2	c	30.06	+ 20	65	60	+ 1	W	1	c	*	73	46	0.02		
† Ardrossan	29.85	59	NW	4	c	29.97	+ 21	56	54	— 2	NW	3	c	2	61	54	—		
† Mullaghmore	29.99	58	NNW	4	0	30.05	+ 17	57	54	+ 1	NW	2	0	2	64	55	0.05		
Donaghadee	29.95	57	N	4	0	30.05	+ 20	57	53	+ 2	NW	3	c	1	61	49	—		
Parsonstown	29.91	62	W	2	0	30.10	+ 20	57	54	+ 2	W	1	0	*	64	53	0.48		
Barrow-in-Furness	29.95	50	NW	3	c	30.02	+ 23	55	52	— 3	NW	2	c	4	63	51	—		
† Holyhead	29.95	62	WSW	3	b	30.06	+ 22	58	54	+ 1	NNW	3	c	2	63	54	—		
Liverpool (Bidston)	29.92	59	W	4	b	30.04	+ 23	58	52	— 4	NNW	3	b	3	64	53	—		
† Valentia	30.08	59	NNW	4	c	30.14	+ 17	55	54	— 4	WSW	4	adm	4	64	54	0.02		
Roche's Point	29.96	58	NNW	3	c	30.11	+ 19	57	53	— 0	NW	3	c	3	64	54	—		
Pembroke	29.99	58	W	4	c	30.10	+ 24	58	56	+ 2	W	3	c	2	62	54	—		
† Scilly	30.09	41	W	4	b	30.17	+ 23	59	56	+ 1	NW	2	0	3	63	46	—		
Pinwle Point	30.03	58	WSW	3	b	30.14	+ 25	59	57	+ 3	W	2	c	3	65	51	0.03		
Hurst Castle	29.98	64	W	5	b	30.13	+ 24	60	59	+ 6	W	3	bc	2	64	52	0.08		
† Dover	29.95	59	WSW	4	b	30.12	+ 27	59	57	— 5	WSW	3	bc	2	65	54	0.14		
† London	29.93	60	SW	2	bc	30.11	+ 24	61	59	— 0	SW	1	c	*	67	52	0.08		
Oxford	29.97	59	WSW	2	b	30.09	+ 23	60	57	+ 2	W	1	0	*	66	53	0.17		
Cambridge	29.89	64	W	1	a	30.09	+ 24	61	56	+ 7	W	1	b	*	70	47	0.02		
† Yarmouth	29.87	61	W	1	bc	30.06	+ 22	60	55	+ 2	W	3	b	1	62	50	0.61		
The Helder	29.92	60	SW	1	b	30.03	+ 21	60	56	— 2	WSW	2	bc	2	64	59	—		
Capa Gris Nez	30.00	59	SW	5	bc	30.12	+ 26	58	57	— 0	W	4	bc	2	63	57	—		
† Jersey	30.11	61	W	3	b	30.21	+ 24	60	58	+ 2	W	3	cq	3	63	54	—		
Brest	30.16	61	NNW	3	b	30.23	+ 25	59	57	+ 1	NNW	3	0	2	64	57	—		
Lorient	30.15	62	NNW	3	b	30.20	+ 23	59	57	— 0	WSW	1	c	1	66	52	—		
† Rochefort	30.16	66	WSW	5	b	30.22	+ 18	61	57	— 2	SE	4	bc	2	72	54	—		
Biarritz	30.19	65	NNE	3	bc	30.20	+ 14	62	59	— 1	E	4	c	2	68	57	—		
Corunna	*	*	*	*	*	30.23	+ 23	61	*	+ 1	SW	1	b	?	*	*	*		
Brussels	*	*	*	*	*	30.15	+ 30	60	56	+ 1	SW	3	b	*	67	55	0.24		
Charleville	30.20	61	5	3	0	30.20	+ 21	60	54	+ 1	S	1	b	*	70	47	0.16		
Paris	30.07	65	2	0	0	30.22	+ 25	63	57	— 0	2	0	b	*	*	*	—		
Lyons	30.15	64	ESE	1	b	30.20	+ 19	64	61	+ 1	W	1	b	*	69	49	0.32		
Toulon	30.07	77	SW	1	bc	30.09	+ 11	71	66	— 0	E	1	b	2	84	68	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.63	55	W	2	bc	28.75	+ 17	57	50	— 2	W	4	0	*	60	49	0.17		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.63	55	W	2	bc	28.75	+ 17	51	50	— 2	W	4	0	*	60	49	0.17
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.89	61	56	5	cm	4	Valentia	30.02	61	56	NW	3	3
Sumburgh Head	29.77	57	55	ESE	3	3	Scilly	30.01	63	59	NW	4	4
Stornoway	29.82	61	59	ESE	4	3	Dover	29.90	60	58	SW	3	4
Aberdeen	29.76	54	55	E	1	1	London	29.89	66	58	SSW	3	*
Shields	29.77	60	56	SSE	2	2	Yarmouth	29.85	61	59	SSE	2	2
Ardrossan	29.79	60	55	NW	3	2	Jersey	30.01	60	59	W	4	3
Mullaghmore	29.93	63	57	N	8	2	Rochefort	30.13	68	61	NW	5	2
Holyhead	29.88	59	56	NW	4	3							

Pressure is inclined to increase over France, but hardly any other change has occurred since the morning.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (lower); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN asterisk is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

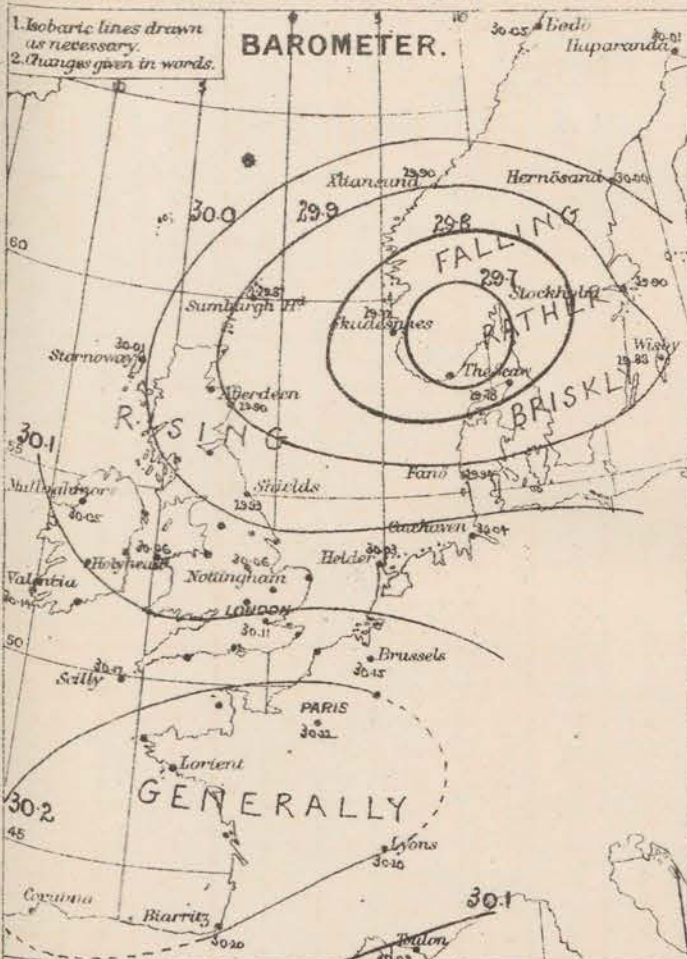
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Sunday 11th JULY 1880.

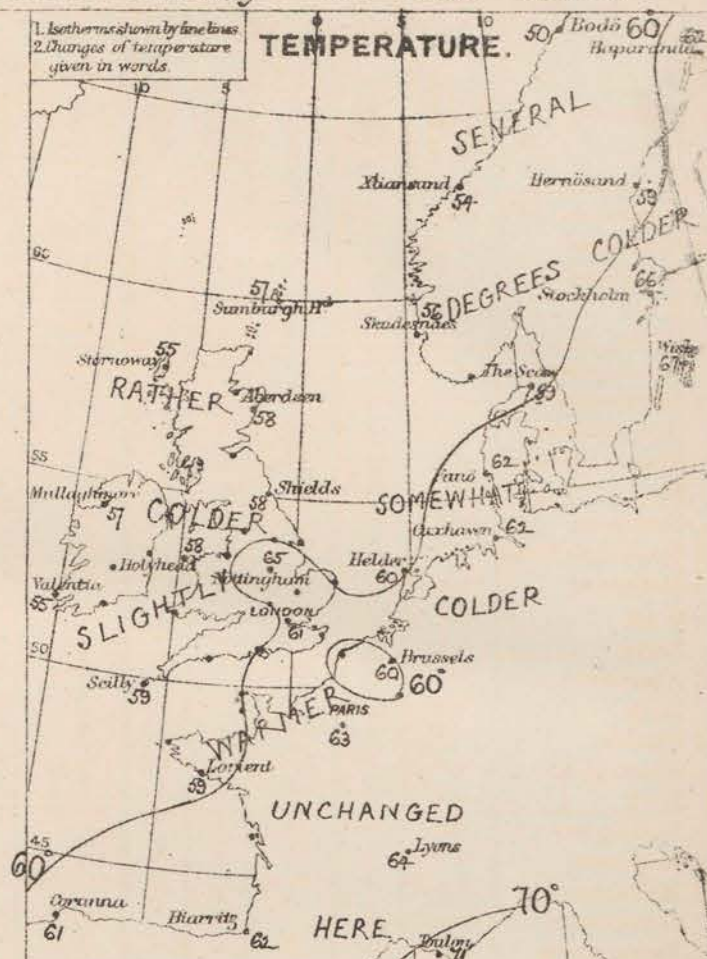
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



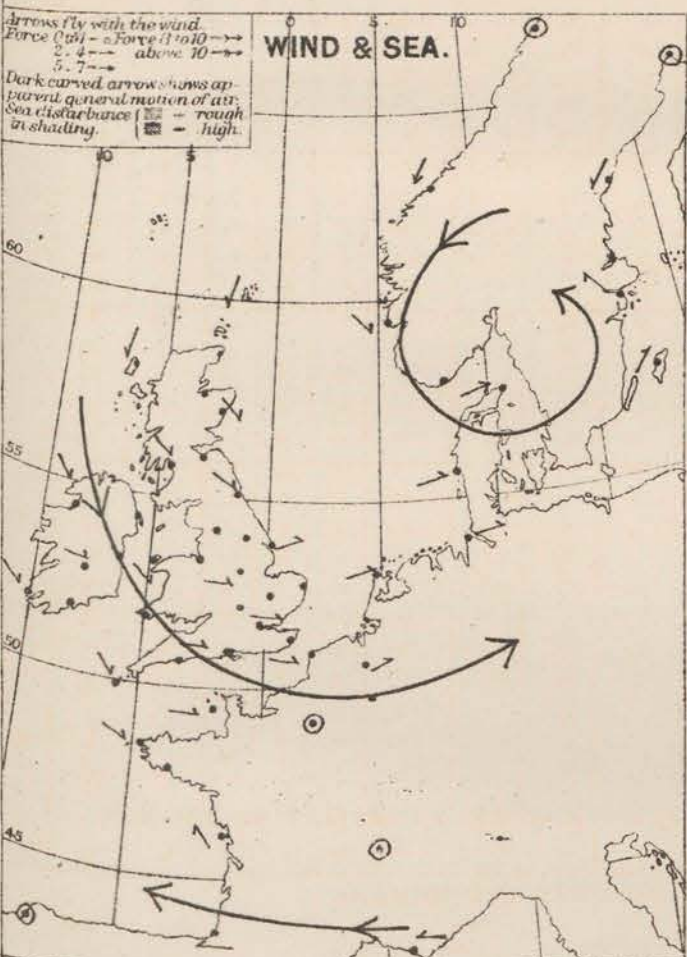
1. Isotherms shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE.



- Arrows fly with the wind.
- Force (psi) - a Force 1 to 10 -> 2, 4 -> above 10 -> 5, 7 ->
- Dark curved arrows show apparent general motion of air.
- Sea disturbances: [rough symbol] = rough, [high symbol] = high.

WIND & SEA.



- Prevalence of cloud, fog, rain, &c. given in letters (Beaufort's Notation)
- Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The weather appears to be improving somewhat this morning, and the depression which recently lay over the north-west part of the British Isles appears to have moved away End to Scandinavia. An increase of pressure has consequently taken place at all our stations, and the wind in the E. has ceased, so that NW winds are now reported from our N^{orth} and N^{orth-east} coasts, and W winds over England. They are moderate or light on all our coasts. The weather is fine and bright at our E^{ast} and SE stations, but is more or less cloudy in the W. and N. and drizzling rain is reported from Valencia. Thunderstorms occurred in the NE^{ast} and Central parts of England yesterday, and rain fell in several places. Sea surface is lower except in the SE and S than it was yesterday, and readings ranged over our Islands from 54 at Norm to 65 at Rotterdam. The sea is moderate to smooth.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

12th JULY

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda	30.02	61	Z	0	0	29.80	- 21	59	57	- 3	SE	2	r	*	68	59	0.39		
Hernösand	29.93	59	ENE	2	r	29.58	- 44	62	58	+ 3	S	2	b	*	66	52	0.04		
Stockholm	30.04	64	SW	4	b	29.91	+ 01	67	58	+ 1	WSW	4	0	*	79	57	-		
Wisby	29.95	62	SW	2	b	30.11	+ 20	63	59	- 4	W	4	b	*	73	54	-		
Bodo																			
Christiansund	29.74	57	NE	3	f	29.87	- 03	53	51	- 1	NNN	3	f	2	55	45	0.28		
† Skudesnaes	29.87	58	WSW	4	0	30.02	+ 20	57	54	+ 1	W	4	0	2	59	44	-		
Oxö (Klansund)	30.02	59	SW	4	b	30.05	+ 40	59	55	+ 4	SW	4	b	2	61	53	-		
Skagen (The Skaw)	29.99	59	WSW	4	b	30.11	+ 33	59	55	0	WSW	3	c	0	68	52	-		
Fanö	30.11	58	WSW	6	c	30.17	+ 23	67	62	+ 5	SW	4	b	*	?	55	-		
Cuxhaven	30.21	60	N	1	r	30.21	+ 17	65	64	+ 3	SE	1	b	*	66	52	0.22		
† Sumburgh Head	29.96	58	NE	4	0	30.10	+ 23	51	48	- 4	N	3	0	3	59	47	-		
† Stornoway	30.00	56	NNN	2	r	30.13	+ 12	50	52	- 2	ENE	4	0	4	57	50	0.08		
Wick	29.96	55	N	1	0	30.13	+ 20	52	50	- 6	N	2	0	2	64	50	0.05		
Nairn	29.99	56	NNN	1	r	30.12	+ 20	54	51	0	ENE	1	0	2	59	53	0.59		
† Aberdeen	29.98	58	Z	0	0	30.09	+ 19	57	55	- 1	NNN	1	0	1	62	51	0.17		
Leith	29.98	60	N	2	b	30.09	+ 17	60	56	+ 1	N	1	b	*	69	46	0.11		
† Shields	29.99	65	NN	1	c	30.10	+ 17	56	54	- 2	Z	0	0	0	67	51	0.11		
Spurn Head	30.05	64	WSW	2	b	30.12	+ 13	59	55	+ 1	N	1	c	1	66	56	-		
York	30.04	63	N	3	c	30.12	+ 13	57	55	- 3	W	1	0	*	69	53	-		
Nottingham	30.07	64	Z	0	0	30.12	+ 06	61	58	- 3	Z	0	0	*	72	53	-		
† Ardrossan	30.02	58	NN	3	b	30.10	+ 13	58	54	+ 2	NN	1	b	1	62	48	-		
† Mullaghmore	30.07	59	NN	3	0	30.09	+ 04	59	55	+ 2	NNE	1	b	1	62	54	-		
Donaghadee	30.07	54	NNE	3	0	30.12	+ 07	55	53	- 2	NE	2	b	0	64	50	0.03		
Parsonstown	30.09	62	NNN	3	c	30.08	- 02	55	54	- 2	NN	1	0	*	63	54	0.22		
Barrow-in-Furness	30.09	61	SW	2	c	30.14	+ 09	260	55	+ 5	WSW	2	b	1	?	56	-		
† Holyhead	30.05	58	SW	2	0	30.10	+ 04	58	56	0	SSW	3	c	1	60	54	0.06		
Liverpool (Biddon)	30.08	59	NN	1	0	30.10	+ 06	62	56	+ 4	SE	1	b	1	64	54	0.13		
† Valentia	30.14	56	WSW	3	rm	30.09	- 05	61	58	+ 6	N	3	c	3	62	54	0.29		
Roche's Point	30.12	59	NN	3	c	30.09	- 02	58	56	+ 1	W	3	r	3	65	54	0.06		
Pembroke	30.13	57	N	2	c	30.13	+ 03	58	56	0	N	1	c	2	61	54	-		
† Scilly	30.20	62	WSW	4	c	30.19	+ 02	60	57	+ 1	SW	4	0	3	65	55	-		
Prawle Point	30.17	57	WSW	3	c	30.19	+ 05	58	56	- 1	WSW	2	b	2	63	52	0.08		
Hurst Castle	30.15	61	N	5	b	30.20	+ 07	60	58	0	NNN	2	b	1	64	56	-		
† Dover	30.14	61	WSW	3	b	30.18	+ 06	63	60	+ 4	WSW	3	b	2	64	56	-		
† London	30.11	67	W	2	c	30.17	+ 06	61	60	0	SW	2	0	*	71	55	0.26		
Oxford	30.12	61	N	1	b	30.15	+ 06	59	58	- 1	WSW	1	0	*	68	51	-		
Cambridge	30.10	61	WSW	1	0	30.15	+ 06	60	56	- 1	S	1	b	*	70	53	0.03		
† Yarmouth	30.09	62	SSW	2	0	30.14	+ 08	59	58	- 1	WSW	1	c	1	68	56	0.11		
The Helder	30.13	63	SW	1	b	30.16	+ 13	61	58	+ 1	SSW	1	b	1	66	50	-		
Cape Gris Nez	30.15	60	SW	3	b	30.16	+ 04	60	59	+ 2	SW	3	b	2	64	54	-		
† Jersey	30.23	59	N	2	c	30.26	+ 05	60	57	0	NNN	1	b	1	64	55	-		
Brest	30.23	60	NNN	2	0	30.25	+ 02	57	55	- 2	N	1	b	3	64	54	-		
Lorient	?	64	?	?	?	30.22	+ 02	58	55	- 1	NE	1	b	1	65	52	-		
† Rochefort	30.22	66	NN	4	b	30.25	+ 03	63	59	+ 2	N	4	b	2	73	57	-		
Biarritz	30.22	65	N	4	0	30.21	+ 01	62	57	0	ENE	1	0	2	70	57	-		
Corunna	*	*	*	*	*	30.28	+ 05	63	*	+ 4	NE	1	b	1	*	*	0.32		
Brussels	*	*	*	*	*	30.20	+ 05	59	54	- 1	W	3	0	*	72	57	-		
Charleville	30.23	61	SW	3	0	30.17	- 03	62	57	+ 2	SW	4	b	*	79	55	-		
Paris	30.17	71	Z	0	b	30.23	+ 01	65	57	+ 2	NN	3	b	*	*	*	-		
Lyons	30.12	71	N	1	b	30.17	- 03	67	62	+ 3	E	1	b	*	77	51	-		
Toulon	30.07	50	N	1	b	30.08	- 01	78	64	+ 7	Z	0	b	*	82	70	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.80	59	WSW	3	b	28.87	+ 12	53	52	+ 2	WSW	1	0	*	60	49	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.80	59	WSW	3	b	28.87	+ 12	53	+ 2	WSW	1	0	*	60	49	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.86	59	56	71	4	0	4	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...							
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.24	73	63	NN	3	60	1
Holyhead ...															

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (base); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

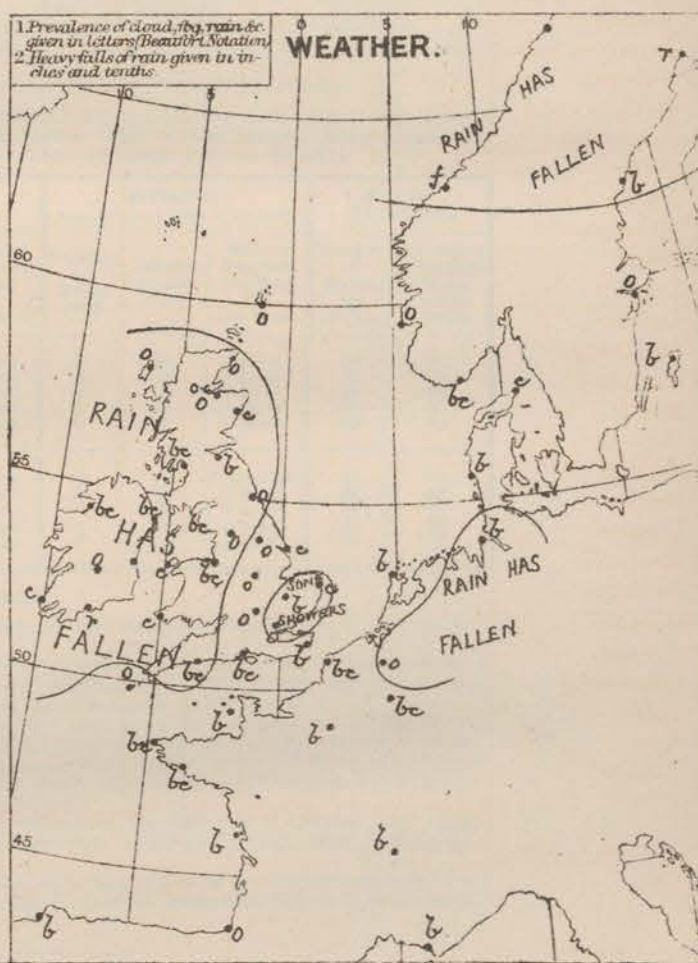
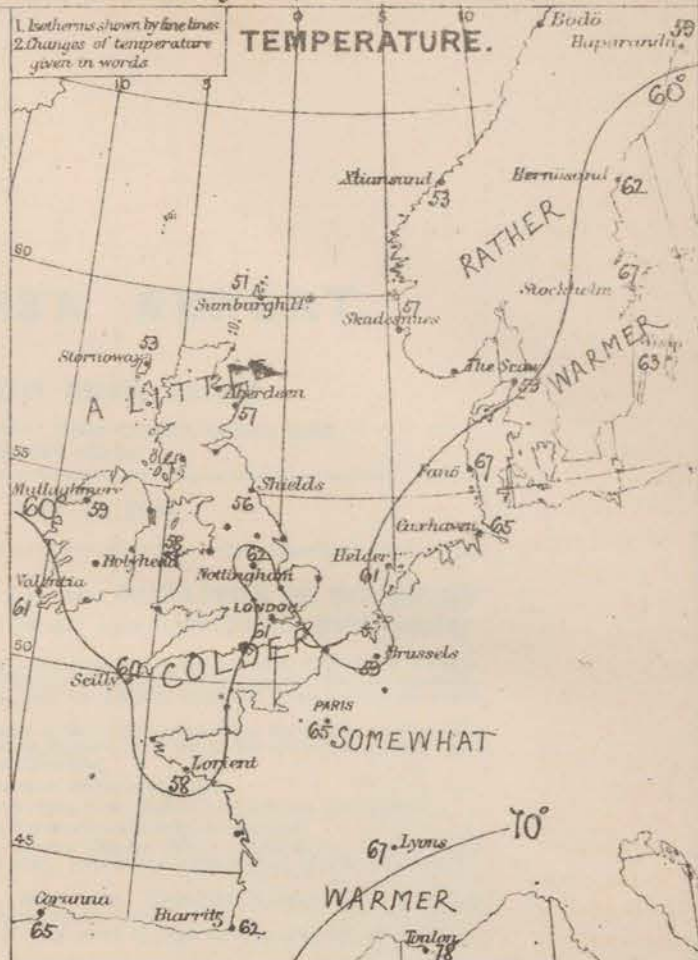
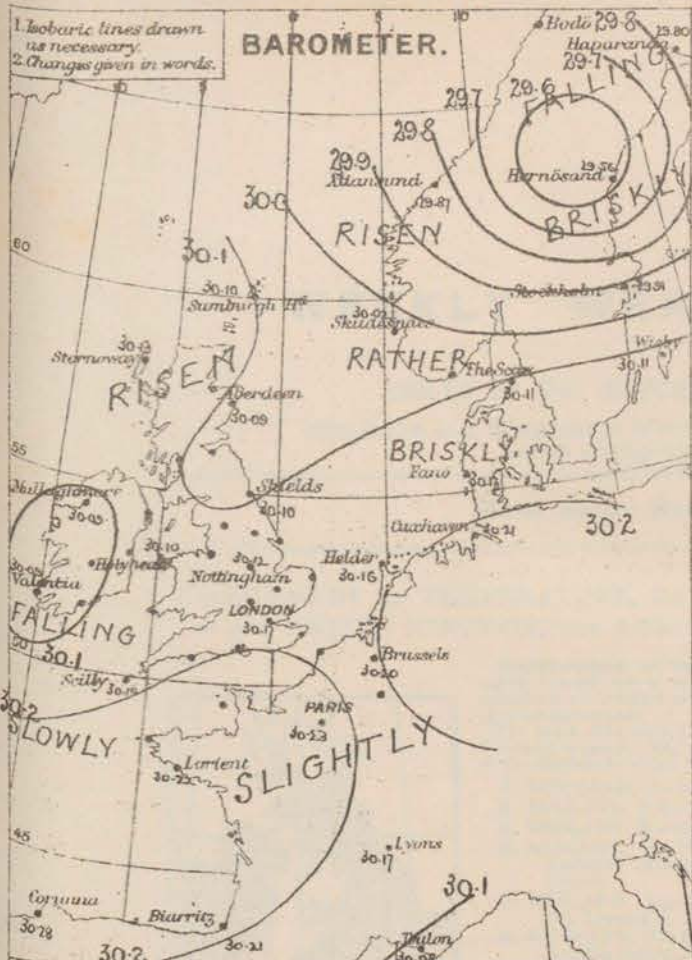
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Monday 12th JULY 1880.



REMARKS. The weather is very fine this morning over the whole of France, N. Germany and the SE. of England, but elsewhere the amount of cloud varies considerably. At Roches Point rain is falling. Rather heavy showers of rain occurred in different parts of the country during yesterday. Pressure has decreased considerably over the N. of Scandinavia and the depression which yesterday lay over the Skagge Røkke has travelled N. to the Gulf of Bothnia. Over France and these Islands the mercury has risen, and readings are uniform, though rather higher over the W. of France and lower over Ireland and E. Scotland than elsewhere. Light N. breezes prevail over Ireland and Scotland, and W. breezes over England and the Channel, while on the E. shores of the North Sea the wind is moderate from the S. Temperature has fallen a little in most places, and readings range from 51° in the Netherlands to 62° over Central England. The maximum yesterday was between 60° and 65° in most places, but as high as 71° in London, 72° at Nottingham and 73° at Cambridge. The sea is slight or smooth.

DAILY WEATHER REPORT

13th JULY

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.87	59	W	2	0	29.93	+ 13	63	57	+ 4	S	2	6	*	63	53	—		
Hernösand	29.99	67	SW	2	0	30.09	+ 33	64	58	+ 2	SW	2	6	*	77	54	—		
Stockholm	30.15	62	W	2	0	30.20	+ 29	67	58	0	NNW	2	6	*	73	57	—		
Wisby	30.17	61	SW	2	0	30.18	+ 07	63	59	0	NNW	2	6	*	75	53	—		
Bodö	29.96	49	W	2	0	30.06		47	46		SW	6	0	4	84	45	—		
Christiansund	30.09	53	NNW	2	0	30.19	+ 32	53	51	0	W	1	0	1	55	45	—		
† Skudesnaes	30.16	57	NNW	2	0	30.21	+ 19	58	54	+ 1	NNW	3	6	2	63	57	—		
Oxö (Xiansund)	30.16	59	SW	4	0	30.21	+ 16	58	55	— 1	SSW	2	6	1	63	54	—		
Skagen (The Skaw)	30.19	60	WSW	2	0	30.22	+ 11	59	57	0	W	2	6	0	72	50	—		
Fanö	30.20	60	NE	1	0	30.17	— 00	66	62	— 1	SE	4	0	*	68	57	—		
Cuxhaven	30.28	66	ESE	1	0	30.19	— 02	66	65	+ 1	SE	2	6	*	68	59	—		
† Sumburgh Head	30.18	52	NE	3	0	30.28	+ 18	54	50	+ 3	NE	2	0	2	54	48	—		
† Stornoway	30.18	55	NE	4	0	30.24	+ 12	53	52	0	NE	3	0	3	56	46	—		
Wick	30.19	53	NE	2	0	30.27	+ 14	55	50	+ 3	E	2	0	1	64	48	—		
Nairn	30.17	57	ENE	2	0	30.23	+ 11	54	50	0	ENE	2	0	2	57	47	—		
† Aberdeen	30.15	56	NNE	1	0	30.21	+ 12	58	52	+ 1	NE	1	0	2	60	53	0.21		
Leith	30.13	57	E	1	0	30.19	+ 10	56	55	— 4	NW	1	0	*	63	54	0.00		
† Shields	30.11	56	2	0	0	30.14	+ 04	56	56	0	ENE	2	0	3	61	54	0.15		
Spurn Head	30.11	60	ESE	3	0	30.13	+ 01	58	58	— 1	SSE	1	0	1	64	56	0.02		
York	30.11	63	SE	1	0	30.13	+ 01	57	56	0	SSE	1	0	*	65	52	0.11		
Nottingham	30.18	65	SW	1	0	30.12	— 00	60	59	— 2	S	3	0	2	74	55	0.27		
† Ardrossan	30.10	63	WSW	1	0	30.17	+ 07	58	55	0	ENE	2	0	1	64	52	—		
† Mullaghmore	30.12	59	E	4	0	30.19	+ 10	57	55	— 2	NNE	5	0	4	63	54	0.01		
Donaghadee	30.13	56	ENE	1	0	30.17	+ 05	54	54	— 1	N	4	0	2	60	52	0.28		
Parsonstown	30.09	60	NNW	1	0	30.17	+ 09	58	55	+ 3	NNW	2	0	*	62	52	0.08		
Barrow-in-Furness	30.11	62	W	2	0	30.10	— 01	57	56	— 3	NNW	2	0	3	69	55	0.03		
† Holyhead	30.10	59	S	2	0	30.09	— 01	56	55	— 2	NNE	4	0	3	65	56	0.07		
Liverpool (Bidston)	30.10	58	WSW	1	0	30.08	— 02	57	55	— 5	SE	1	0	0	68	52	0.28		
† Valentia	30.14	61	NNW	4	0	30.20	+ 11	62	57	+ 1	N	3	0	3	64	55	—		
Roche's Point	30.11	59	NW	3	0	30.13	+ 04	56	52	— 2	NNW	4	0	3	66	52	0.30		
Pembroke	30.11	56	NNW	2	0	30.11	— 02	57	56	— 1	NNW	1	0	2	59	54	0.50		
† Scilly	30.17	60	SW	4	0	30.15	— 04	59	58	— 1	W	2	0	2	65	56	0.02		
Prawle Point	30.19	58	SW	2	0	30.13	— 06	58	58	0	SSW	2	0	3	64	55	0.01		
Hurst Castle	30.20	64	WSW	1	0	30.16	— 04	58	57	— 2	SW	4	0	3	64	58	0.01		
† Dover	30.17	60	WSW	2	0	30.13	— 00	61	58	— 2	SW	2	0	1	64	58	—		
† London	30.16	65	SW	2	0	30.17	— 00	62	57	+ 1	SSW	2	0	*	70	54	—		
Oxford	30.16	58	2	0	0	30.12	— 03	57	56	— 2	S	2	0	*	67	53	0.18		
Cambridge	30.17	63	SW	1	0	30.14	— 01	60	58	0	SW	1	0	*	68	54	—		
† Yarmouth	30.15	65	SW	2	0	30.16	+ 02	60	58	+ 2	SSE	1	0	1	67	56	—		
The Helder	30.18	62	SW	1	0	30.20	+ 04	58	56	— 2	SW	1	0	0	72	57	—		
Cape Gris Nez	30.18	62	SW	1	0	30.20	+ 04	58	56	— 2	SW	1	0	0	72	57	—		
† Jersey	30.25	61	NNW	1	0	30.22	— 04	60	57	0	SW	2	0	2	63	54	—		
Brest	30.25	62	WSW	3	0	30.23	— 02	58	58	+ 1	W	3	0	2	64	57	—		
Lorient	30.23	63	NNW	4	0	30.20	— 02	60	57	+ 2	E	1	0	1	66	54	—		
† Rochefort	30.19	67	NW	7	0	30.20	— 05	63	59	0	NNW	7	0	2	72	57	—		
Biarritz																			
Corunna	*	*	*	*	*				*						*	*	*		
Brussels						30.19	— 01	62	58	+ 4	N	1	0	*	72	56	0.12		
Charleville	30.17	70	N	1	0	30.11	— 06	59	54	— 3	NE	1	0	*	80	51	—		
Paris	30.18	71	NNW	1	0	30.20	— 03	64	57	— 1	NNE	3	0	*	*	*	—		
Lyons	30.12	74	N	1	0	30.14	— 03	71	63	+ 4	E	1	0	*	81	60	—		
Toulon	30.05	77	W	5	0	30.07	— 01	78	63	0	W	3	0	2	86	70	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.88	58	WSW	2	0	28.88	+ 01	52	52	— 1	?	3	0	*	63	51	0.32		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.88	58	WSW	2	0	28.88	+ 01	52	52	— 1	?	3	op	*	63	53	0.32	
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.12	63	56	W	4	C	2	Valentia ...	30.13	63	57	NNN	3	C	3
Sumburgh Head	30.15	52	49	N	3	0	3	Scilly ...	30.20	65	60	SW	4	0	4
Stornoway ...	30.16	55	53	NE	4	C	4	Dover ...	30.18	65	59	SW	2	0	1
Aberdeen ...	30.13	57	55	NNE	1	0	1	London ...	30.17	67	58	SW	2	0	*
Shields ...	30.12	57	56	E	1	C	0	Yarmouth ...	30.14	67	58	WSW	2	0	1
Ardrossan ...	30.10	62	58	WSW	1	0	1	Jersey ...	30.27	62	57	WSW	2	0	2
Mullaghmore ...	30.10	62	57	NN	2	C	2	Rochefort ...	30.22	71	62	NN	5	0	2
Holyhead ...	30.10	64	61	SSW	2	C	1								

No important change has occurred since the morning. Weather is still very unsettled and changeable.

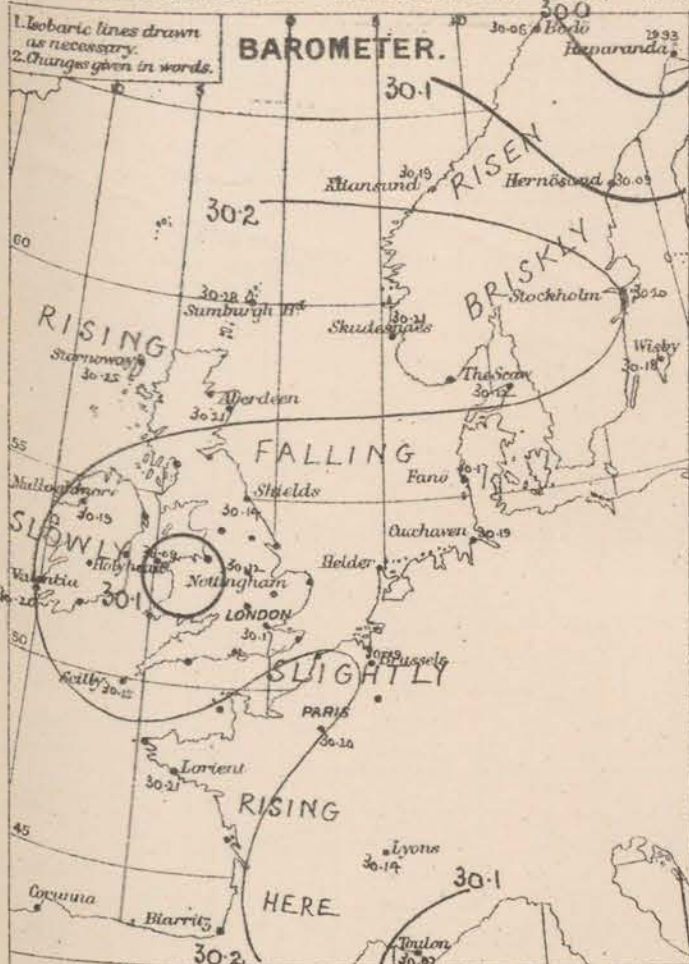
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (lower); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 13th JULY 1880.

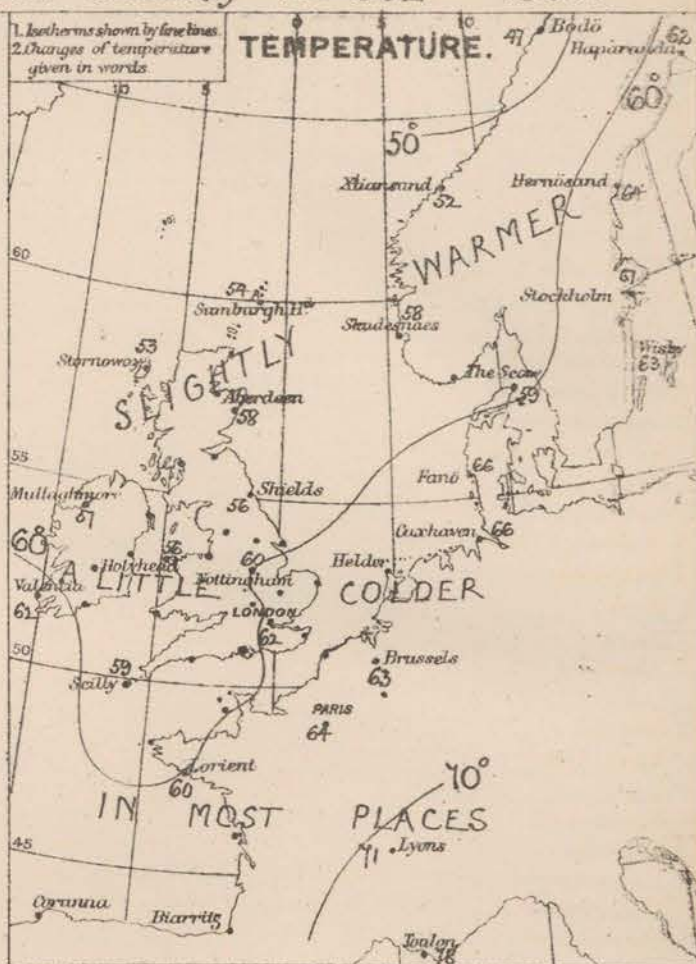
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



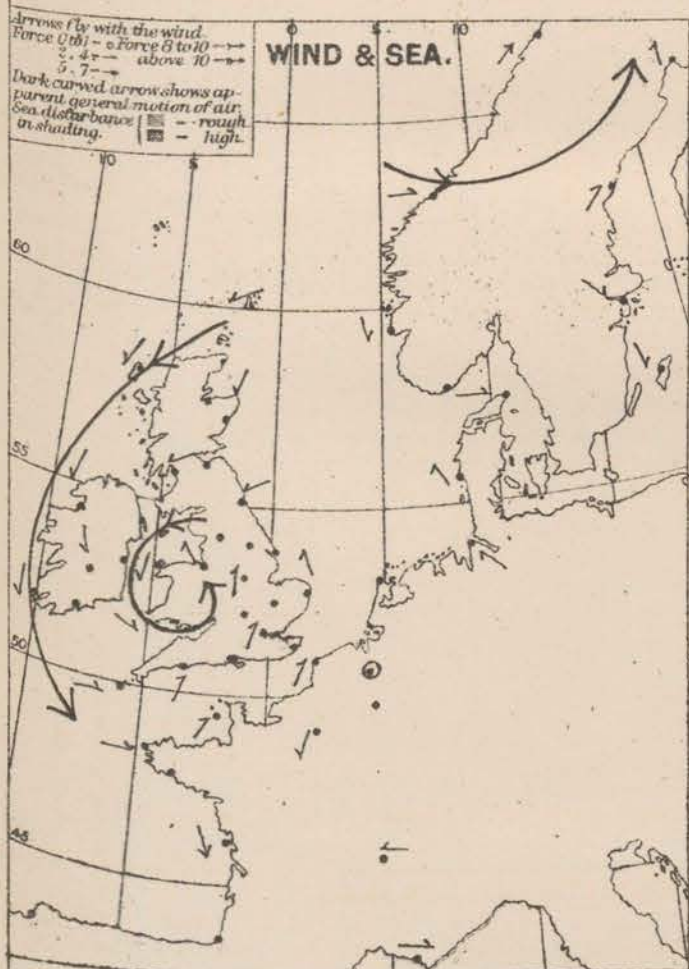
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



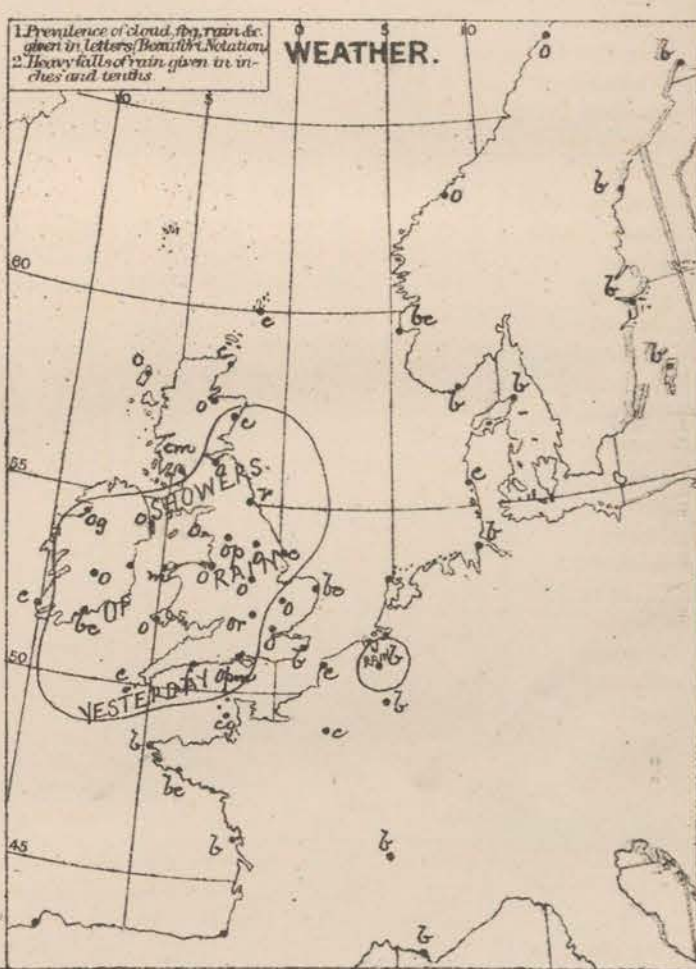
Arrows fly with the wind.
Force 0 to 10 - Force 6 to 10
Force 11 to 20 - Force 11 to 20
Force 21 to 30 - Force 21 to 30
Force 31 to 40 - Force 31 to 40
Force 41 to 50 - Force 41 to 50
Force 51 to 60 - Force 51 to 60
Force 61 to 70 - Force 61 to 70
Force 71 to 80 - Force 71 to 80
Force 81 to 90 - Force 81 to 90
Force 91 to 100 - Force 91 to 100

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters; Barometer notation.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS.

The small depression noticed over Ireland yesterday has since passed away about E or ESE, and at the same time has become much smaller. Its centre now lies over Wales and the barometer is falling both there and over the SW districts of England, in all other parts of these Islands a slight increase of pressure has occurred, while in Scandinavia a brisk wind is reported. The wind circulates round the centre of low readings, E and NE winds being reported over Scotland, N winds in Ireland, W winds over the Channel and SW winds over the greater part of England. They blow fresh at Mullaghmore, but lighter or moderate elsewhere. The weather is very fine at nearly all the continental stations, and in the extreme SE of England, but is cloudy or dark over the greater part of these Islands with rain at Hunt-Castle and Oxford. Showers of rain have fallen except in the N. of Scotland, and readings range from 53 in the Hebrides to 62 at Valentia and in London. The maxima yesterday was again between 60 and 65 generally, but reaching 70 in London and 74 at Nottingham. Sea is moderate at Mullaghmore, slight or smooth elsewhere.

Meteorological Office.

116, Victoria Street, Westminster, S.W.

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT 14th JULY 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Baromet. at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).	Max.	Min.						
Haparanda	29.97	60	SW	2	b	29.97	+0.04	59	56	-	+	?	4	b	2	65	50	-	
Hernösand	29.17	64	L	0	b	29.17	+0.02	60	64	-	+	WNW	4	b	2	51	52	-	
Stockholm	29.16	65	SW	2	b	29.16	-0.02	70	59	+	3	E	2	b	2	77	54	-	
Wisby	29.10	64	N	2	b	29.12	-0.06	60	60	0	0	S	2	b	2	70	61	-	
Bodö	29.06	50	SW	2	o	29.07	+0.01	50	49	+	3	W	2	o	1	52	46	-	
Christiansund	29.16	53	WNW	2	o	29.16	+0.07	52	48	0	0	W	2	o	2	57	45	-	
† Skudesnaes	29.21	59	NNW	6	b	29.19	-0.02	59	55	+	1	NNW	2	o	2	57	55	-	
Oxö (Ålön)	29.20	62	WSW	2	b	29.20	-0.01	60	59	+	2	NNE	1	o	1	66	59	-	
Skagen (The Skaw)	29.21	63	L	0	e	29.21	-0.01	64	62	+	6	L	0	b	0	73	55	-	
Faafö	29.16	64	WSW	1	r	29.18	+0.01	63	59	-	3	L	0	o	2	72	54	0.25	
Cuxhaven	29.20	64	N	1	b	29.21	+0.01	64	64	-	2	NE	1	b	2	68	61	0.01	
† Sumburgh Head	29.21	62	L	0	r	29.22	+0.04	54	50	0	0	NE	2	o	3	59	49	0.02	
† Stornoway	29.27	61	NNE	5	b	29.27	+0.02	56	52	+	3	E	1	b	1	57	50	-	
Wick	29.29	65	E	2	o	29.27	-0.02	59	57	+	3	SE	1	o	1	62	50	-	
Nairn	29.25	68	ENE	1	o	29.18	+0.05	50	52	+	2	ENE	3	o	2	60	51	-	
† Aberdeen	29.24	59	NNE	2	o	29.28	+0.07	55	54	-	3	NE	1	o	3	63	50	-	
Leith	29.20	59	SSW	2	o	29.23	+0.04	58	56	+	2	ENE	1	o	3	60	55	0.04	
† Shields	29.13	59	ENE	1	o	29.18	+0.04	59	56	+	1	ENE	3	o	3	59	52	0.21	
Spurn Head	29.10	59	ESE	4	o	29.12	0.00	59	56	-	1	ENE	2	o	2	51	56	0.01	
York	29.11	59	E	1	r	29.15	+0.02	58	59	+	1	E	2	o	2	62	52	0.29	
Nottingham	29.08	62	S	2	o	29.11	-0.01	59	56	-	3	SE	2	o	2	72	57	0.47	
† Ardrossan	29.17	61	ENE	3	cm	29.20	+0.03	59	55	+	1	ENE	3	cm	2	66	56	-	
† Mullaghmore	29.18	59	N	5	cm	29.19	0.00	58	55	+	1	NE	5	cm	4	61	50	0.10	
Donaghadee	29.16	56	NNW	3	r	29.17	0.00	56	55	+	2	ENE	4	o	2	60	54	0.15	
Parsonstown	29.16	59	NNW	1	o	29.13	-0.04	59	56	-	1	NNE	1	o	2	47	53	0.24	
Barrow-in-Furness	29.06	61	NE	2	o	29.13	+0.03	60	56	+	3	NE	2	o	4	62	53	0.04	
† Holyhead	29.07	58	NNE	3	b	29.07	-0.02	61	59	+	5	ENE	4	b	3	61	56	0.01	
Liverpool (Bidston)	29.05	62	NE	1	b	29.08	0.00	60	56	+	3	E	2	m	1	61	55	0.07	
† Valentia	29.19	61	NNW	4	b	29.16	+0.04	59	56	-	3	NNE	3	o	3	65	54	0.01	
Roche's Point	29.12	59	NNW	2	o	29.11	-0.02	58	56	-	1	N	3	r	3	65	54	0.48	
Pembroke	29.08	59	NNW	1	b	29.06	-0.05	58	55	+	1	NE	1	bm	0	60	53	-	
† Scilly	29.14	62	NNW	3	b	29.09	-0.06	60	58	+	1	NNW	1	o	1	64	54	-	
Prawle Point	29.14	59	SSW	2	o	29.06	-0.07	58	56	0	0	NNW	1	b	1	63	49	0.07	
Hurst Castle	29.14	60	NNW	3	o	29.09	-0.07	60	59	+	2	ENE	1	o	0	64	57	0.02	
† Dover	29.09	61	SW	3	b	29.09	-0.09	60	55	-	1	E	2	o	0	65	55	0.06	
† London	29.11	66	SSW	3	b	29.10	-0.07	61	59	-	1	ENE	1	b	0	69	55	0.11	
Oxford	29.10	60	S	1	b	29.08	-0.04	58	56	+	1	SE	1	m	0	63	57	0.44	
Cambridge	29.10	65	S	1	b	29.10	-0.04	58	59	-	2	SSW	1	r	0	68	52	0.17	
† Yarmouth	29.13	62	SSE	3	b	29.14	-0.01	61	59	+	1	ESE	2	b	2	64	58	-	
The Helder	29.17	65	WSW	1	b	29.17	0.00	66	62	+	0	ESE	1	b	1	68	59	-	
Cape Gris Nez	29.16	65	ESE	1	b	29.12	-0.08	59	59	+	1	WSW	1	r	0	68	58	0.08	
† Jersey	29.17	62	WSW	1	o	29.10	-0.12	61	59	+	1	N	1	o	1	66	54	-	
Brest	29.18	61	WSW	3	o	29.14	-0.14	58	56	0	0	NNW	1	o	2	64	54	-	
Lorient	29.16	64	N	3	o	29.08	-0.12	59	55	-	3	E	3	o	1	68	55	-	
† Rochefort	29.14	66	NNW	5	b	29.04	-0.14	64	62	+	1	ESE	1	o	0	70	57	-	
Biarritz	29.11	66	NNE	5	b	29.04	-0.14	64	61	+	0	N	4	o	2	75	55	-	
Corunna	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Brussels	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Charleville	29.26	71	N	1	o	29.13	+0.02	67	60	+	8	ESE	1	b	0	82	57	-	
Paris	29.13	67	L	0	o	29.08	-0.12	68	62	+	4	NE	3	o	0	•	•	-	
Lyons	29.08	75	N	1	b	29.08	-0.06	68	62	-	3	ENE	1	b	0	81	53	-	
Toulon	29.05	74	N	1	b	29.02	-0.05	75	65	-	3	L	0	b	1	86	68	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.24	64	ENE	2	o	29.06	+0.02	55	53	+	3	ENE	4	o	0	59	52	0.08	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.26	64	ENE	2	o	28.06	+0.02	55	53	+	3	ENE	4	o	•	59	52	0.08
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.22	63	55	NNW	6	2	Valentia ...	29.22	63	58	NNW	3	2
Sumburgh Head	29.20	55	52	E	3	2	Scilly ...	29.15	64	59	NNW	4	2
Stornoway ...	29.26	59	56	NNE	4	4	Dover ...	29.17	65	59	SW	2	2
Aberdeen ...	29.24	61	58	NE	2	3	London ...	29.14	67	60	SSW	2	2
Shields ...	29.14	59	56	ENE	2	3	Yarmouth ...	29.16	63	59	SSE	3	2
Ardrossan ...	29.17	65	58	ENE	4	2	Jersey ...	29.21	64	59	WSW	1	1
Mullaghmore	29.19	60	53	NNE	5	4	Rochefort ...	29.19	72	63	NNW	5	2
Holyhead ...	29.10	59	59	NNE	3	2							

The depression still moves slowly in an ESE^d direction, so that the barometer has begun to fall in the S and to rise in the N. The circulation of the wind is unaltered and the weather is cloudy except in the exact SE and N.

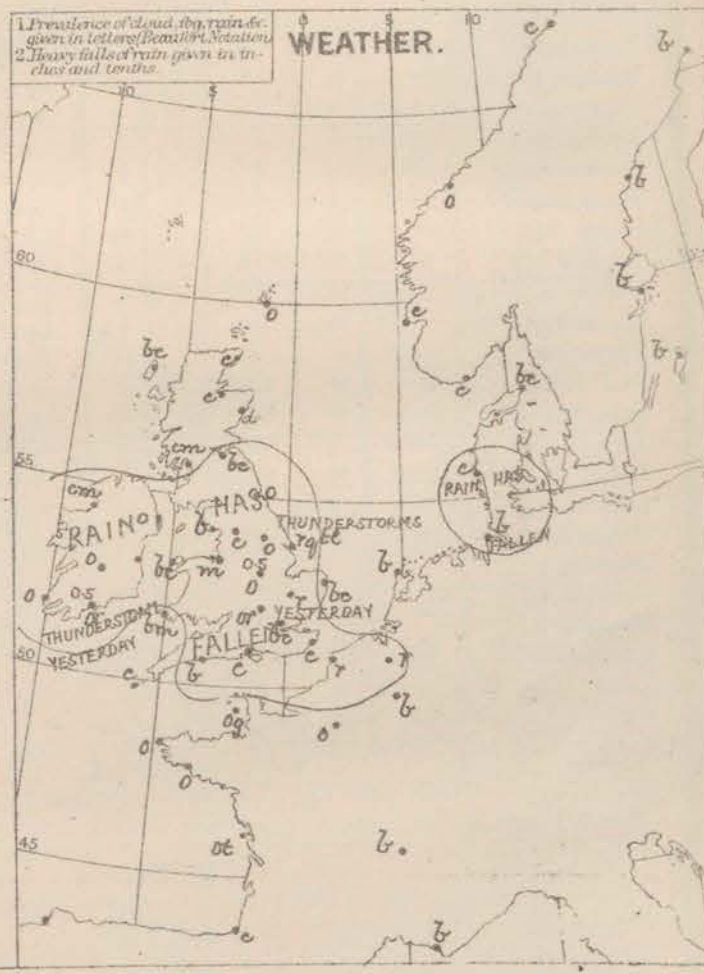
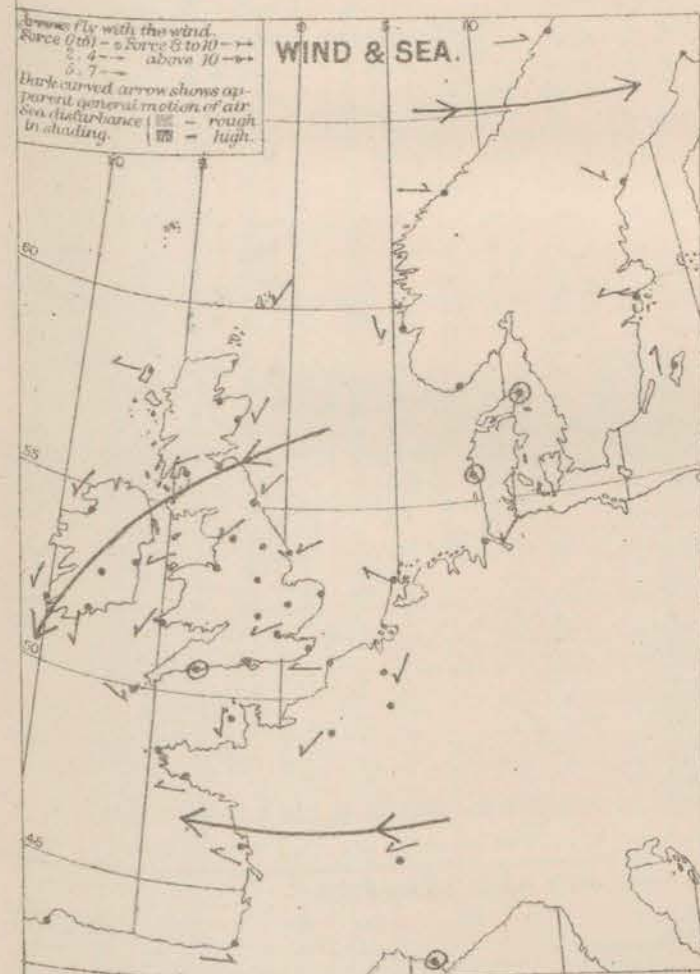
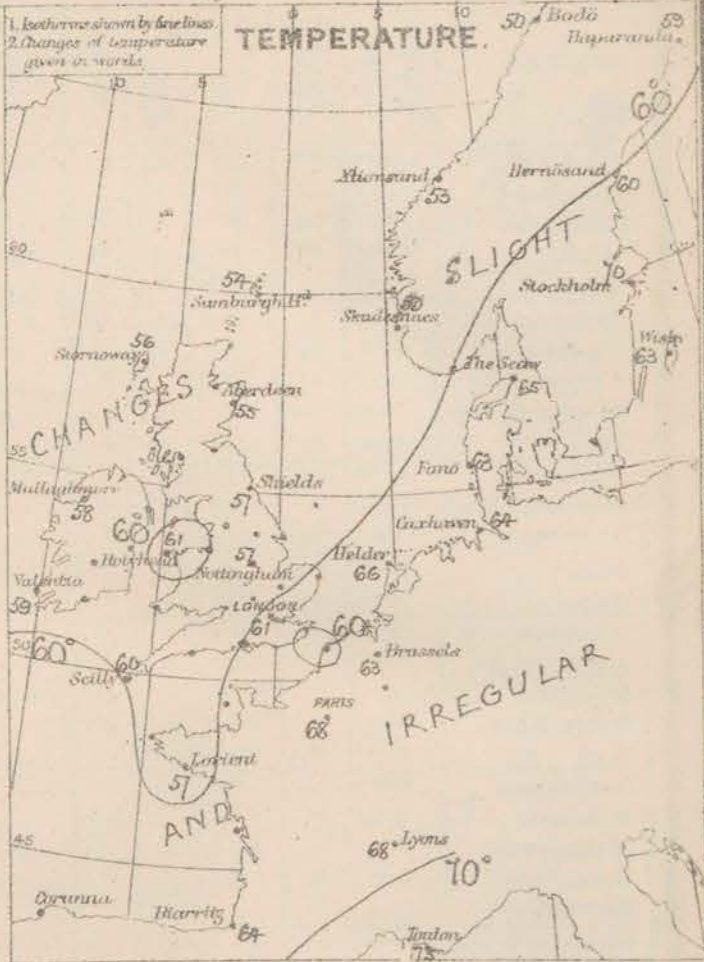
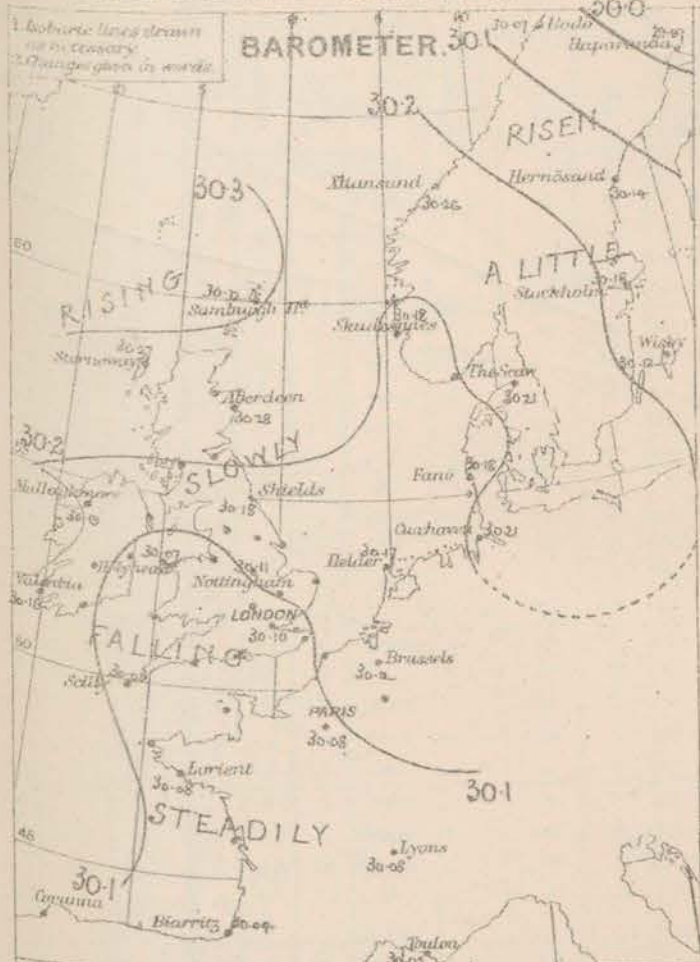
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

for 8 a.m. on Wednesday 19th JULY

1830.



REMARKS. The depression noticed over England yesterday has moved a little to the S^W of the position it then occupied, and in the mean time pressure has given way over France. Barometrical readings are now highest to the N^W of Scotland, and pressure is very irregularly distributed over the S^W districts and the North Sea. E^l and NE^l breezes now prevail over Scotland and nearly the whole of England, and N^l breezes in Ireland, but in the Channel calms and W^l air are reported. Temperature has changed but little and irregularly, and is still low for the time of year. Nottingham is the only station at which a maximum exceeding 70° occurred yesterday. Rain has fallen in most places. In London there was scarcely any rain till 11 p.m. Thunderstorms have occurred in many parts of the Kingdom, and have been severe in some localities. The sky is now cloudy except in the N. and thunderstorms are in progress both on the Lincolnshire coast and at Rochfort. The appearance is very unsettled. Sea is smooth in almost all places.

Subscription for these charts payable in ad- vance to cover delivery.	Delivery by hand 10/- per quarter. " book post 5- " "
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*Meteorological Office,
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 15TH JULY 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.		Weather.	Sea. (0 to 32).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force. (0 to 12).			Dry.	Wet.	Dir.	Force. (0 to 12).			Max.	Min.					
Haparanda	29.95	58	SW	2	b	29.78	19	61	4	+ 2	SW	4	c	68	52	—			
Hernösand	30.12	62	2	0	b	30.03	11	63	56	+ 3	SW	2	b	79	50	—			
Stockholm	30.17	64	SW	2	b	30.10	15	72	62	+ 2	WSW	2	b	82	55	—			
Wisby	30.07	64	NE	2	b	30.10	12	66	59	+ 3	N	2	b	72	54	—			
Bodo	29.98	58	NNW	8	c	29.73	21	49	49	— 1	WSW	9	+	52	46	0.51			
Christiansund	30.21	54	NNW	3	0	30.12	14	53	50	0	WSW	5	0	4	57	45	—		
† Skudesnaes	30.10	59	NNW	2	b	30.13	15	61	58	+ 2	2	0	b	68	59	—			
Oxö (Klansönd)	30.15	68	E	1	b	30.15	15	61	57	+ 1	WSW	2	b	70	55	—			
Skagen (The Skaw)	30.18	64	2	0	b	30.18	13	62	62	— 1	SSW	2	b	70	57	—			
Fanö	30.16	59	WSW	2	c	30.14	14	68	63	+ 5	S	1	c	68	57	—			
Cuxhaven	30.20	68	NE	2	b	30.17	14	67	65	+ 3	SE	2	b	68	61	—			
† Sumburgh Head	30.20	54	NNW	2	0	30.23	19	54	49	0	SW	2	0	2	58	50	—		
† Stornoway	30.25	56	ENE	5	b	30.19	18	56	54	0	E	1	b	59	45	—			
Wick	30.28	53	E	2	b	30.22	15	59	54	+ 1	ESE	1	c	62	48	—			
Nairn	30.25	60	2	0	b	30.21	16	57	52	+ 1	2	0	b	60	43	—			
† Aberdeen	30.26	59	ENE	1	b	30.21	17	57	52	+ 2	ENE	1	0	2	62	49	0.05		
Leith	30.23	57	E	2	c	30.18	15	55	52	— 3	E	1	b	62	46	—			
† Shields	30.17	57	ENE	3	r	30.10	18	56	54	— 1	ENE	3	b	59	50	0.12			
Spurn Head	30.09	56	ENE	4	r	30.00	13	58	56	+ 1	ENE	6	c	59	55	0.86			
York	30.13	54	ENE	1	r	30.03	12	59	57	+ 1	NE	2	0	59	55	0.35			
Nottingham	30.08	61	NE	3	0	29.99	12	58	57	+ 1	NNE	2	+	64	55	0.80			
† Ardrossar	30.17	60	ENE	4	b	30.10	10	56	52	— 3	ENE	4	om	66	52	0.01			
† Mullaghmore	30.14	61	ENE	6	c	30.08	11	55	54	— 3	ENE	6	om	62	54	—			
Donaghadee	30.15	57	NE	4	0	30.08	19	54	54	— 2	E	5	r	60	53	0.40			
Parsonstown																			
Barrow-in-Furness	30.11	60	NE	2	b	30.01	12	58	55	— 2	N	4	r	67	53	0.06			
† Holyhead																			
Liverpool (Wilson)	30.02	61	ENE	4	b	29.95	13	57	52	— 3	ENE	2	f	65	56	0.52			
† Valentia	30.08	57	NE	3	+	29.98	18	55	54	— 4	NNE	3	op	64	53	0.40			
Rocha's Point	30.05	61	S	2	0	29.96	15	59	56	+ 4	N	1	cl	64	52	0.56			
Pembroke	30.00	61	N	1	b	29.92	14	58	57	0	2	0	m	62	53	—			
† Scilly	30.02	60	NNW	1	c	29.95	14	62	60	+ 4	WSW	1	b	65	54	—			
Prawle Point	30.01	59	SSW	1	b	29.92	14	62	57	+ 4	NNW	1	b	64	50	—			
Hurst Castle	30.01	62	NNW	2	c	29.87	22	62	62	+ 2	NE	2	cpm	68	60	0.40			
† Dover	30.01	65	E	2	b	29.93	16	61	60	+ 1	ESE	1	bp	67	59	0.04			
† London	30.02	67	ENE	2	c	29.94	16	63	61	+ 2	2	0	op	73	59	0.05			
Oxford	30.04	59	NE	1	b	29.92	16	57	56	— 1	SW	1	0	64	56	2.19			
Cambridge	30.05	59	NE	1	b	29.95	15	61	60	+ 3	E	1	0	68	55	0.33			
† Yarmouth	30.08	62	E	3	b	29.98	16	61	60	0	E	4	b	63	58	0.07			
The Helder	30.12	65	ENE	3	0	30.02	15	66	62	0	E	1	c	68	61	—			
Cape Gris Nez	29.98	65	ENE	3	0	29.97	15	63	62	+ 4	S	1	c	73	57	0.20			
† Jersey	30.06	59	N	2	b	29.98	12	62	57	+ 1	NNW	2	b	64	56	—			
Brest	30.03	59	NNW	3	0	29.98	11	57	54	— 1	NNW	1	m	60	54	—			
Lorient	29.99	65	NNW	4	0	29.95	13	57	54	0	NE	3	b	70	54	—			
† Rochefort	29.93	75	N	1	b	29.97	19	67	64	+ 3	NN	5	b	79	57	0.08			
Biarritz																			
Corunna	*	*	*	*	*	30.04	11	66	62	+ 3	SSW	1	0	77	60	0.25			
Brussels	*	*	*	*	*	30.05	18	63	59	— 4	ESE	1	r	86	56	—			
Charleville	30.09	76	SE	+	b														
Paris	29.97	80	ESE	3	c	29.99	19	69	64	+ 1	SE	3	0	*	*	0.01			
Lyons	30.00	79	ENE	1	b	30.03	18	67	62	— 1	E	1	b	80	70	—			
Toulon	30.01	79	SW	2	b	30.04	12	78	61	+ 3	2	0	b	88	72	—			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.89	52	ENE	5	r	29.81	19	52	52	— 3	ENE	6	m	60	50	0.11	—	—	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.10	68	60	NNW	4	b	1	Valentia ...	30.12	66	57	N	3	op	4
Sumburgh Head ...	30.22	55	50	NE	3	c	3	Scilly ...	30.08	64	59	NNW	2	b	1
Stornoway ...	30.27	59	56	ENE	4	c	3	Dover ...	30.05	65	59	E	2	b	1
Aberdeen ...	30.29	59	54	NE	1	b	2	London ...	30.03	61	62	ENE	2	cl	1
Shields ...	30.20	58	56	ENE	3	c	2	Yarmouth ...	30.04	61	59	ENE	3	b	2
Ardrossan ...	30.20	63	56	ENE	4	om	2	Jersey ...	30.08	62	58	NNW	1	op	1
Mullaghmore ...	30.19	61	58	NE	5	m	4	Rochefort ...	30.02	74	62	N	4	b	2
Holyhead ...	30.06	63	59	NE	4	c	3								

Very little change has occurred since 8 a.m. beyond the setting in of a very sharp thunderstorm with hail & rain over London.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 + The evening observations are taken at 5 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 † These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

DAILY WEATHER REPORT 16TH JULY 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.75	57	W	2	b	29.85	+ 10	51	47	- 10	NW	4	b	*	63	47	-		
Hernösand	30.03	59	NW	4	c	30.00	- 03	62	56	- 1	W	4	c	*	75	46	-		
Stockholm	30.01	71	SW	4	b	30.04	- 06	69	57	- 3	ENE	2	o	*	81	57	-		
Wisby	30.04	67	WSW	2	b	30.04	- 06	66	62		W	4	b	*	73	51	-		
Bodö																			
Christiansund	30.08	53	WSW	6	o	30.06	- 06	54	51	+ 1	WSW	4	o	4	62	45	0.04		
† Skudesnaes	30.11	57	NNW	4	b	30.11	- 02	57	53	- 4	NNW	4	b	2	68	57	-		
Ørskov (Xlansund)	30.12	63	SW	4	b	30.08	- 07	61	56	0	WSW	4	b	2	64	57	-		
Skagen (The Skaw)	30.10	64	Z	0	b	30.08	- 10	67	60	+ 3	WSW	3	b	0	75	55	-		
Fanö	30.10	71	SE	3	b	30.10	- 04	71	66	+ 3	SE	4	b	*	77	59	-		
Cuxhaven	30.17	73	E	1	b	30.13	- 04	73	71	+ 6	SE	1	b	*	73	64	-		
† Sumburgh Head	30.16	57	W	2	b	30.24	+ 08	56	54	+ 2	WSW	3	c	2	59	46	-		
† Stornoway	30.13	58	ENE	4	b	30.12	- 06	60	57	+ 4	Z	0	b	0	61	46	-		
Wick	30.17	58	SE	2	b	30.14	- 08	58	54	- 1	S	2	b	1	64	52	-		
Nairn	30.13	61	ENE	2	b	30.15	- 07	64	52	- 3	Z	0	b	1	64	50	-		
† Aberdeen	30.17	58	ENE	7	o	30.19	- 02	58	55	+ 1	Z	0	o	1	62	55	-		
Leith	30.13	55	E	1	r	30.17	- 01	57	56	+ 2	E	1	b	*	59	54	0.09		
† Shields	30.09	56	NE	2	o	30.15	+ 05	56	56	0	NNE	2	d	2	58	53	0.29		
Spurn Head	30.00	59	ENE	2	b	30.12	+ 12	57	57	- 1	NNE	3	m	2	59	55	0.38		
York	30.03	61	E	1	o	30.14	+ 11	58	57	- 1	NTW	1	o	*	62	56	0.40		
Nottingham	30.02	69	ESE	2	b	30.14	+ 15	58	57	0	NNE	2	o	*	71	56	0.57		
† Ardrossan	30.09	57	ENE	3	o	30.14	+ 04	59	56	+ 3	ENE	2	o	1	59	53	0.13		
† Mullaghmore	30.03	55	ENE	4	omg	30.09	+ 06	60	57	+ 5	ESE	3	bcm	2	60	54	0.25		
Donaghadee	30.05	57	SSE	3	c	30.14	+ 06	56	55	+ 2	E	3	c	1	58	53	0.35		
Parsonstown	29.97	59	Z	0	c	30.10	+ 11	57	55	+ 1	SE	1	o	*	59	49	0.69		
Barrow-in-Furness	30.01	63	NE	3	o	30.13	+ 12	61	58	+ 3	ENE	2	o	0	66	57	0.09		
† Holyhead	29.99	64	Z	0	b	30.11	+ 15	59	57	+ 2	NE	1	b	0	65	53	0.21		
Liverpool (Bileston)	29.97	66	ENE	2	o	30.11	+ 16	61	59	+ 4	E	1	m	1	63	54	0.27		
† Valentia	29.96	60	N	4	omv	30.00	+ 02	59	56	+ 4	ESE	4	c	5	61	53	-		
Roche's Point	29.98	62	NE	1	c	30.05	+ 09	61	58	+ 2	SE	3	cm	3	71	55	-		
Pembroke	30.01	62	Z	0	b	30.10	+ 18	58	58	0	ENE	1	b	1	64	51	-		
† Scilly	30.02	64	SW	3	b	30.08	+ 13	63	60	- 1	SE	2	b	0	67	50	-		
Prawle Point	30.02	61	SW	1	b	30.07	+ 15	67	60	+ 5	ENE	1	b	1	67	52	-		
Hurst Castle	29.99	63	WSW	4	b	30.07	+ 20	60	57	- 2	ENE	1	bcm	0	69	52	0.02		
† Dover	29.99	64	WSW	2	b	30.10	+ 17	62	60	+ 1	NNE	2	cm	1	72	50	0.08		
† London	29.98	74	SSE	1	b	30.07	+ 13	61	58	- 2	Z	0	o	*	75	55	0.02		
Oxford	30.02	68	SSW	1	b	30.09	+ 17	59	58	+ 2	SW	1	adm	*	71	52	0.10		
Cambridge	30.07	73	E	1	b	30.10	+ 15	60	60	- 4	N	1	o	*	74	53	0.05		
† Yarmouth	30.07	67	ESE	1	b	30.08	+ 10	63	52	+ 2	N	1	b	2	65	59	0.14		
The Helder	30.04	71	E	1	b	30.08	+ 06	70	65	+ 4	SSE	1	b	1	79	64	-		
Cape Gris Nez	30.07	67	SW	3	b	30.06	+ 09	68	65	+ 5	E	5	b	3	77	59	-		
† Jersey	30.06	65	N	1	bcm	30.08	+ 10	65	58	+ 3	ENE	2	bcm	2	67	54	-		
Brest	30.05	63	NW	3	o	30.02	+ 05	60	58	+ 3	NE	1	o	2	68	50	-		
Lorient	30.01	64	NW	4	c	30.01	+ 06	60	56	+ 3	ENE	3	c	1	70	55	-		
† Rochefort	30.00	70	NW	5	b	29.98	+ 01	68	66	+ 1	N	3	c	2	75	61	-		
Biarritz	29.99	68	N	3	b	30.02		67	63		W	1	b	2	75	61	-		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.05	+ 04	66	61	0	SE	3	c	*	82	62	0.24		
Charleville	30.04	51	WSW	1	b	30.07	+ 02	69	63	+ 6	ENE	1	b	*	90	60	0.04		
Paris	30.01	78	Z	0	a	30.03	+ 04	69	65	0	SE	3	o	*	*	*	-		
Lyons	29.97	84	SE	1	b	30.07	+ 04	73	64	+ 6	ESE	1	b	*	90	55	-		
Toulon	30.10	78	W	4	b	30.09	+ 05	82	65	+ 14	Z	0	b	1	90	73	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.82	54	ENE	4	o	29.92	+ 10	55	54	+ 3	ENE	1	o	*	59	52	0.44		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.82	54	ENE	4	o	29.92	+ 10	55	54	+ 3	ENE	1	o	*	59	52	0.44
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.13	67	60	NNW	3	b	2	Valentia ...	29.96	62	58	N	3	cm	3
Sumburgh Head	30.21	58	54	SW	3	a	1	Scilly ...	29.98	67	61	SW	3	bc	2
Stornoway ...	30.17	60	57	ENE	3	b	2	Dover ...	29.94	71	66	E	1	b	1
Aberdeen ...	30.19	59	54	NNE	1	b	1	London ...	29.95	68	64	N	1	cg	*
Shields ...	30.10	57	56	ENE	2	o	3	Yarmouth ...	29.99	64	62	ESE	2	b	2
Ardrossan ...	30.07	57	53	ENE	4	om	2	Jersey ...	30.03	66	60	W	2	bcm	2
Mullaghmore ...	30.05	55	52	NE	6	ogm	5	Rochefort ...	29.99	71	66	E	2	o	2
Holyhead ...	29.94	62	60	SE	3	bc	2								

Hardly any general change has occurred since the morning, but in London the sky has begun to clear, after a steady fall of rain and some thunder.

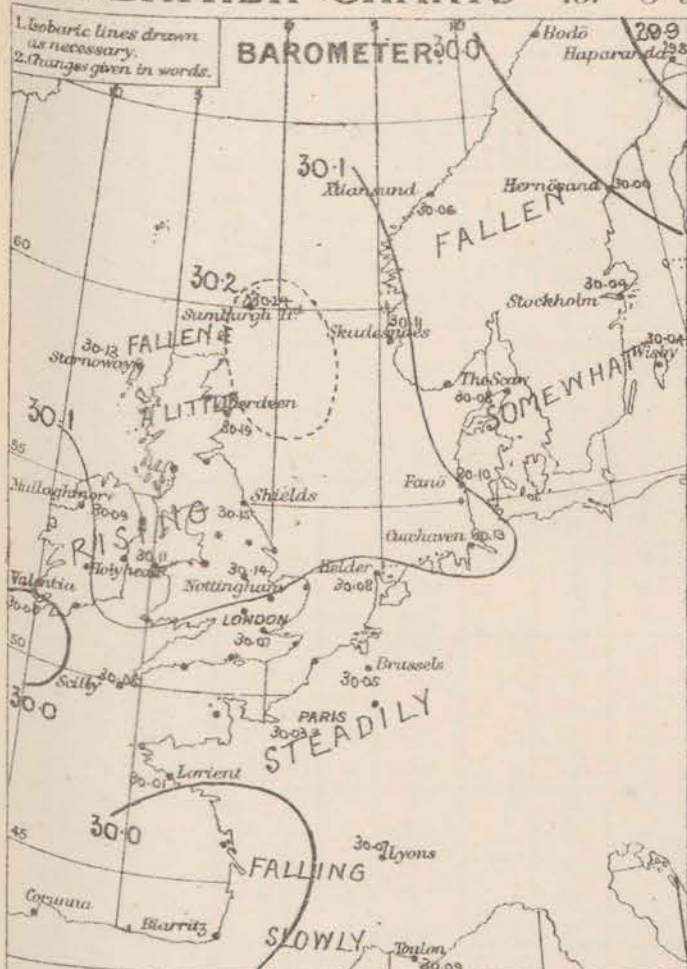
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 16th JULY 1880.

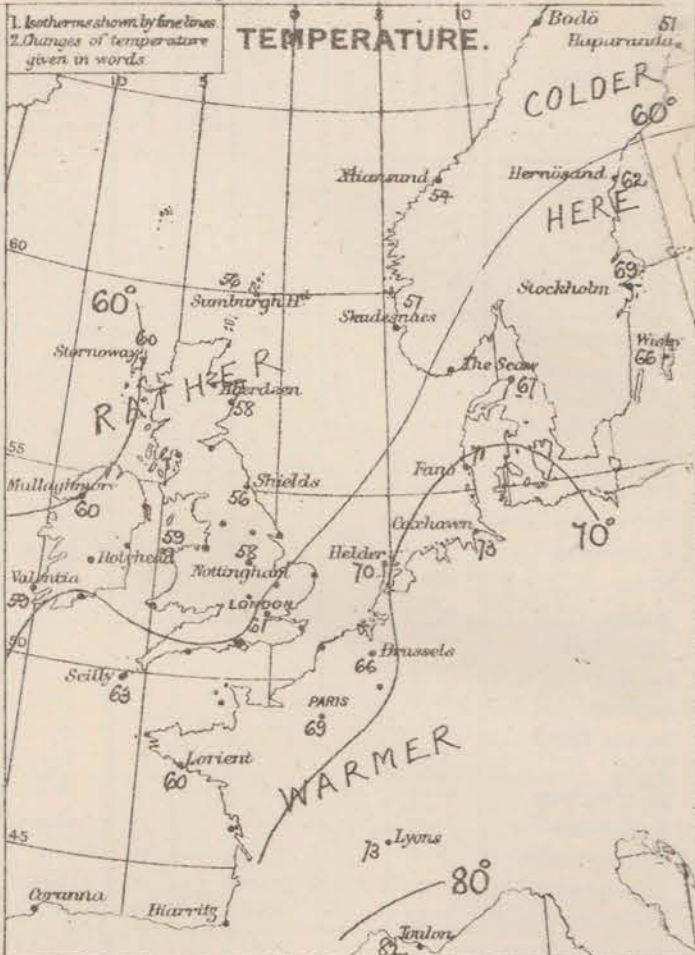
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



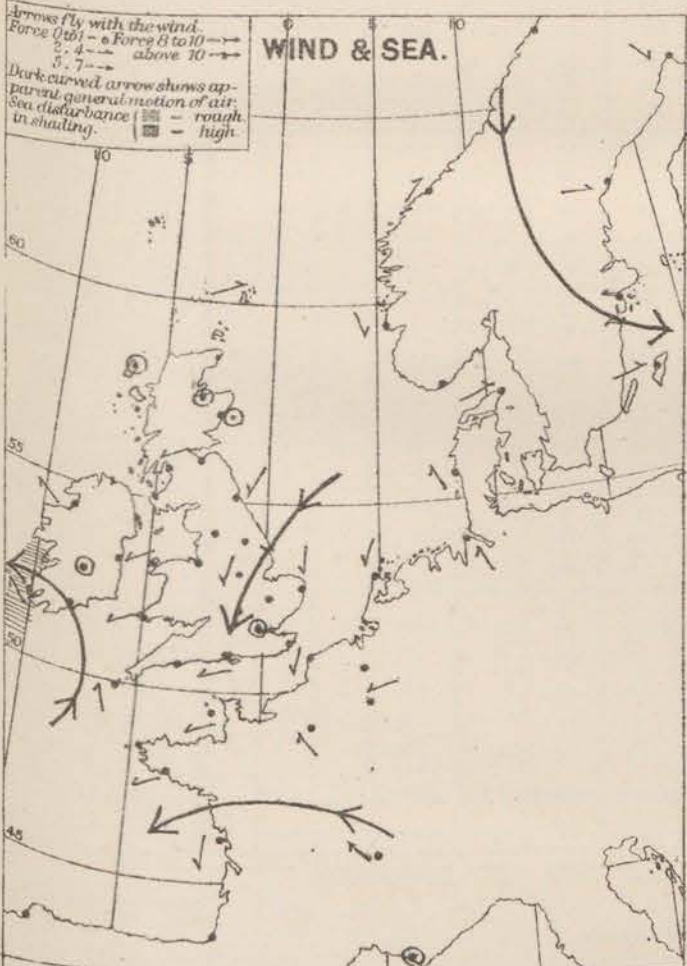
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



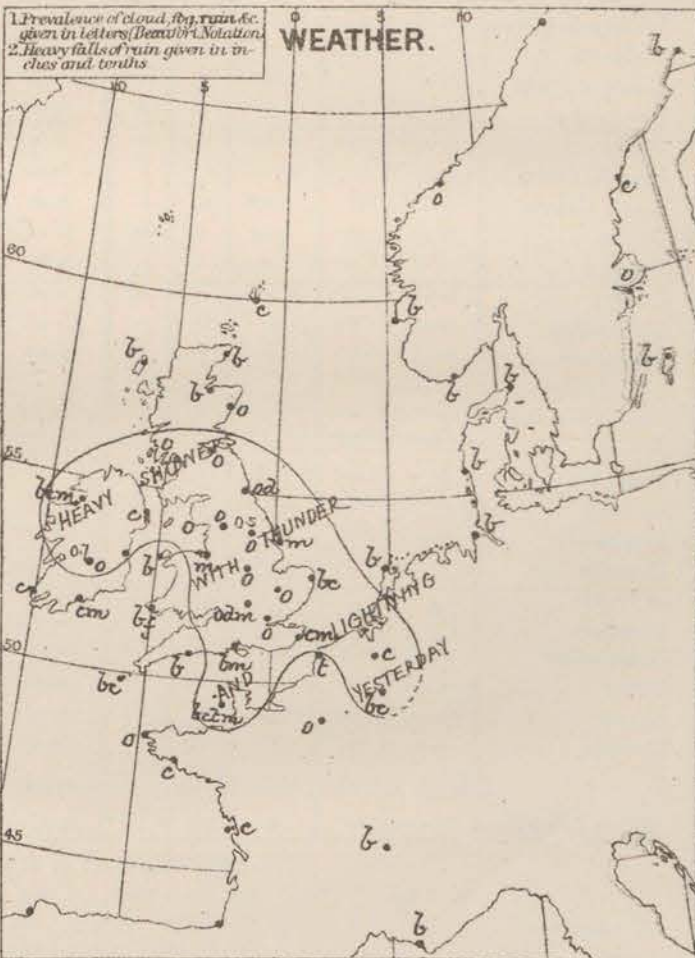
Arrows fly with the wind.
Force 0 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance: [symbol] — rough in shoaling. [symbol] — high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (see note).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The large area of low readings which yesterday lay over the British district has since become very much smaller, and the barometer is rising briskly within that district. At our N^o stations, where the mercury is highest the barometer has fallen a little or been steady, so that gradients have become much lighter, and the wind which varies between SE and NE is very light in force as well as variable. Over Scandinavia the barometer is falling and an area of low pressure is shown over the Gulf of Bothnia so that NW winds prevail over Norway and Sweden. Over France barometrical readings are very uniform, and the wind is light from the E. Temperature has risen in most places, and readings are high over N. Germany and the E. of France. Over these islands they range between 51° at Bodo and 67° at Ponta Pt., over France from 60° at Brest to 82° at Lorient, and in the countries to the E. of the North Sea from 51° at Haparanda to 73° at Bruchhausen. The weather varies a good deal; it is fine and light on our N^o and S^o coasts and on the E. shore of the North Sea, but is cloudy elsewhere, with some mist at our central stations and thunder at Jersey and St. John. Sharp thunderstorms occurred in many parts of the Kingdom yesterday. In England NE. 2-11 in of rain fell in a most violent thunderstorm yesterday July 15th, between 5 and 8 a.m. making total falls for two days 6.03 in: Snow is slight except at Valentin.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

17th JULY

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.				
Haparanda	29.91	50	Z	0	b	29.93	+ .05	50	45	- 1	NNE	2	b	*	59	41	-		
Hernösand	29.97	62	WSW	2	c	29.97	- .03	62	56	0	WN	4	b	*	73	52	-		
Stockholm	29.99	64	WSW	2	c	29.91	- .13	72	60	+ 3	WSW	4	b	*	79	59	-		
Wisby	29.94	68	SSW	4	c	29.95	- .06	68	62	+ 2	W	4	b	*	79	57	-		
Bodö	30.00	48	NNE	2	c	29.95		46	44		N	2	b	1	48	45	-		
Christiansund	30.01	58	WSW	4	f	30.00	- .06	52	50	- 2	WNW	3	f	3	55	43	0.24		
† Skudesnaes	30.07	56	WN	4	b	29.95	- .13	59	55	+ 2	WN	4	0	2	61	55	-		
Oxö (Xtiansund)	29.99	70	SW	4	b	29.93	- .15	84	58	+ 3	SW	4	b	2	70	57	-		
Skagen (The Skaw)	30.02	66	W	3	b	29.93	- .15	66	60	- 1	WNW	5	b	1	75	55	-		
Fanö	30.05	64	WN	1	b	29.94	- .16	72	68	+ 1	E	4	b	*	77	61	-		
Cuxhaven	30.12	72	W	2	m	29.99	- .14	72	71	- 1	SSW	1	b	*	73	64	-		
† Sumburgh Head	30.13	55	W	3	0	30.03	- .14	56	55	0	W	1	0	2	62	52	0.02		
† Stornoway	30.13	62	N	1	b	30.04	- .09	58	57	- 2	WN	1	0	1	64	56	-		
Wick	30.12	63	S	1	b	30.01	- .13	54	54	- 4	WNW	2	0	1	67	47	-		
Nairn	30.10	63	EVE	2	b	30.03	- .12	58	54	+ 4	Z	0	0	0	72	52	-		
† Aberdeen	30.15	58	SSE	2	b	30.04	- .15	54	57	+ 1	SSE	1	0	1	66	53	-		
Loith	30.14	61	E	1	b	30.05	- .12	57	56	0	N	1	0	*	62	53	-		
† Shields	30.15	57	NNE	2	0	30.07	- .08	53	54	- 1	Z	0	0	2	60	53	-		
Spurn Head	30.11	57	N	4	f	30.06	- .06	57	57	0	N	3	0	3	60	55	-		
York	30.12	66	NNW	1	b	30.07	- .07	57	56	- 1	NNW	1	0	*	67	55	-		
Nottingham	30.09	65	NE	2	f	30.06	- .08	60	59	+ 2	E	1	0	*	69	56	0.08		
† Ardrossan	30.11	67	NE	1	c	30.05	- .09	59	56	0	Z	0	b	0	70	52	-		
† Mullaghmore	30.16	65	WN	1	0	30.08	- .01	60	58	0	E	2	bm	2	69	54	-		
Donaghadee	30.14	62	NNE	2	b	30.09	- .05	60	58	+ 4	E	2	b	0	65	48	-		
Parsonstown	30.08	72	SE	2	b	30.08	- .02	61	57	+ 4	Z	0	b	*	71	50	-		
Barrow-in-Furness	30.08	69	WN	2	b	30.03	- .07	59	58	- 2	E	2	b	2	74	58	-		
† Holyhead	30.11	59	NNW	2	f	30.06	- .05	57	57	- 2	Z	0	f	0	63	56	-		
Liverpool (Biston)	30.06	64	NNW	1	m	30.04	- .07	65	62	+ 4	SSE	1	m	1	70	50	-		
† Valentia	30.07	63	SSE	5	bm	30.07	+ .07	61	57	+ 2	NNE	1	0	1	65	51	-		
Roshe's Point	30.09	71	SE	1	b	30.08	+ .03	59	57	- 2	NNW	3	b	3	76	55	-		
Pembroke	30.09	64	N	2	b	30.05	- .05	62	60	+ 4	Z	0	bm	0	66	56	-		
† Scilly	30.09	63	NNE	2	c	30.07	- .01	62	60	- 1	W	2	c	0	68	57	-		
Prawle Point	30.03	70	WSW	1	b	30.02	- .05	69	66	+ 2	NNE	1	b	4	72	59	-		
Hurst Castle	30.05	69	NNW	2	b	30.06	- .01	62	61	+ 2	ESE	2	m	1	73	60	-		
† Dover	30.05	68	NE	2	b	30.04	- .06	62	61	0	NNE	1	0	0	74	61	0.04		
† London	30.05	71	N	1	0	30.05	+ .01	60	58	+ 1	Z	0	0	*	75	58	-		
Oxford	30.08	65	NNE	1	b	30.06	- .03	58	57	- 1	NNE	1	0	*	69	57	-		
Cambridge	30.08	62	N	1	0	30.05	- .03	58	57	- 2	N	1	0	*	71	58	-		
† Yarmouth	30.09	61	N	2	b	30.05	- .03	58	57	- 5	WN	2	0	2	67	55	-		
The Helder																			
Cape Gris Nez	30.03	65	ENE	3	c	30.00	- .06	60	60	- 0	NNE	3	f	2	79	49	1.30		
† Jersey	30.05	67	N	2	bm	30.07	- .01	66	62	+ 1	W	1	b	1	75	57	-		
Brest	30.08	64	NE	3	0	30.10	+ .07	59	58	- 1	NNW	3	b	4	75	52	-		
Lorient	30.01	66	WN	3	m	30.05	+ .04	61	57	+ 1	ENE	1	b	0	73	57	-		
† Rochefort	30.00	66	W	4	0	30.08	+ .10	67	64	- 1	NNW	1	0	2	81	61	-		
Biarritz	30.06	68	WN	3	b	30.10	+ .08	70	64	+ 3	ENE	1	c	2	73	63	-		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	29.99	- .06	69	65	+ 3	WSW	3	b	*	80	63	0.20		
Charleville	30.01	81	NNW	4	b	30.04	- .03	71	60	+ 2	SW	1	b	*	93	53	-		
Paris	30.00	76	N	3	b	30.06	+ .03	72	62	+ 3	Z	0	b	*	*	*	0.28		
Lyons	29.96	84	SSE	1	b	30.08	+ .01	71	61	- 2	E	1	b	*	92	56	-		
Toulon	30.07	82	W	3	b	30.08	- .01	81	62	- 1	SW	1	b	*	91	73	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawa Junction	28.89	63	E	2	b	28.93	- .09	57	50	+ 2	ENE	2	bm	*	68	50	-		

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.89	63	E	2	b	28.93	- .09	57	56	+ 2	ENE	2	bm	68	50	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	30.11	60	55	NW	6	bm	2	Valentia ...	30.05	63	58	SSE	5	bc	5
Sumburgh Head	30.15	59	55	SW	3	bc	2	Scilly ...	30.09	68	62	SSE	2	bc	0
Stornoway ...	30.14	63	61	E	1	b	1	Dover ...	30.04	70	62	E	2	b	1
Aberdeen ...	30.16	62	57	SSE	2	b	1	London	30.06	73	67	Z	0	gm	*
Shields ...	30.16	59	57	NNE	2	0	2	Yarmouth ...	30.11	65	62	NNE	2	b	2
Ardrossan ...	30.14	65	60	ENE	1	0	1	Jersey ...	30.08	73	63	NNE	1	bm	1
Mullaghmore ...	30.10	64	60	ENE	3	cnv	2	Rochefort ...	30.05	77	70	NW	5	b	2
Holyhead ...	30.12	61	58	NNW	3	b	2								

No important change has occurred since the morning.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

DAILY WEATHER REPORT

JULY 18th

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.93	52	N	2	b	30.00	+0.07	50	46	0	N	4	b	*	59	41	-		
Hernösand	29.55	55	N	2	o	29.49	+0.02	58	53	-4	ENE	4	c	*	68	52	0.12		
Stockholm	29.83	63	NE	4	bc	29.82	-0.09	56	56	-16	ENE	2	l	*	82	59	0.24		
Wisby	29.85	69	SW	4	c	29.72	-0.26	68	64	0	E	2	o	*	84	57	-		
Bodö	29.98	52	NNE	4	b	29.98	+0.03	50	45	+4	NE	2	b	*	54	43	-		
Christiansund	30.08	52	NE	4	bc	29.84	-0.16	51	47	-1	NE	2	bc	3	55	41	-		
† Skudesnaes	29.86	58	NW	4	c	29.80	-0.18	59	55	0	NNW	2	o	2	63	57	-		
Oxö (Xiänsund)	29.76	64	SW	4	bc	29.72	-0.21	63	56	-1	W	6	b	2	68	57	-		
Skagen (The Skaw)	29.81	63	L	0	b	29.74	-0.19	62	58	-4	W	4	b	1	75	55	-		
Fanö	29.86	61	NW	4	c	29.88	-0.06	60	57	-12	NW	4	bc	*	75	55	0.35		
Cuxhaven	29.93	68	NW	3	c	29.95	-0.04	65	63	-7	NNW	1	b	*	72	57	0.28		
† Sumburgh Head	29.91	55	WNW	3	b	29.83	-0.17	55	54	-1	N	1	m	1	61	52	0.01		
† Stornoway	29.95	63	NW	1	c	29.89	-0.15	58	56	0	NE	3	c	3	64	53	-		
Wick	29.95	59	SW	1	o	29.84	-0.17	59	55	+5	NW	2	c	0	63	53	0.01		
Nairn	29.96	66	L	0	b	29.86	-0.17	60	55	+2	L	0	c	0	72	54	-		
† Aberdeen	29.95	53	S	2	o	29.86	-0.18	57	55	-2	L	0	o	1	69	55	-		
Leith	29.92	61	NE	2	b	29.84	-0.21	56	56	-1	E	1	l	*	62	54	0.02		
† Shields	29.96	58	SSE	1	o	29.82	-0.25	59	58	+4	E	1	cm	2	59	63	0.09		
Spurn Head	29.97	59	ENE	2	o	29.85	-0.21	64	61	+7	SW	3	c	3	64	56	0.05		
York	29.97	64	S	1	c	29.84	-0.23	62	61	+5	WSW	1	c	*	67	55	0.31		
Nottingham	29.96	68	ENE	2	bc	29.90	-0.16	63	61	+3	SW	3	o	*	75	59	0.13		
† Ardrossan	29.93	64	WSW	1	bc	29.82	-0.23	57	56	-2	ENE	1	f	1	69	53	-		
† Mullaghmore	29.96	63	NNE	4	o	29.88	-0.20	59	57	-1	NE	2	o	1	70	58	-		
Donaghadee	29.97	59	NNE	3	bc	29.85	-0.24	55	55	-5	N	3	o	1	64	53	0.01		
Parsonstown	29.93	72	L	0	c	29.88	-0.20	58	57	-3	SW	1	o	*	74	57	0.98		
Barrow-in-Furness	29.90	67	NNW	2	bc	29.81	-0.25	60	59	+1	SSW	2	l	2	71	58	0.43		
† Holyhead	29.93	63	L	0	f	29.85	-0.21	56	56	-1	WNW	2	l	1	63	56	0.74		
Liverpool (Bidston)	29.91	66	S	1	m	29.82	-0.22	60	58	-5	SW	3	c	2	73	58	0.61		
† Valentia	29.98	60	L	0	o	29.91	-0.16	59	58	-2	SW	1	cm	1	67	52	0.09		
Roche's Point	29.95	68	WSW	3	c	29.91	-0.17	59	56	0	NW	1	bc	2	73	55	-		
Pembroke	29.94	59	NW	2	o	29.92	-0.13	59	57	-3	WSW	2	b	2	68	56	0.23		
† Scilly	29.99	64	SSW	1	o	29.93	-0.09	64	60	+2	SSW	3	o	0	66	56	0.02		
Prawle Point	29.96	64	SW	2	m	29.97	-0.05	60	59	-9	WSW	2	b	2	70	56	0.02		
Hurst Castle	29.97	63	SSW	2	c	29.93	-0.08	60	59	-2	W	5	bc	3	72	57	0.51		
† Dover	29.96	61	ENE	2	o	29.96	-0.08	64	61	+2	WNW	4	b	3	66	59	0.32		
† London	29.97	66	SW	3	c	29.95	-0.13	62	59	+2	WSW	2	c	*	75	55	-		
Oxford	29.94	66	L	0	o	29.93	-0.13	62	59	+4	SW	1	bc	*	69	57	0.04		
Cambridge	29.95	69	NW	1	bc	29.92	-0.13	62	60	+4	SW	3	c	*	70	55	0.14		
† Yarmouth	29.99	61	NE	2	f	29.91	-0.14	63	61	+5	WSW	2	c	2	66	56	0.10		
The Helder	?	61	NW	1	c	29.91	-0.04	63	59	-1	S	1	o	1	68	61	0.04		
Cape Gris Nez	29.97	62	NNE	3	f	29.98	-0.02	60	57	0	W	4	c	3	68	57	0.95		
† Jersey	30.02	59	WNW	2	o	30.03	+0.01	60	58	-6	WSW	3	b	3	73	56	0.05		
Brest	30.04	60	S	3	o	30.06	-0.04	60	59	+1	SW	4	o	3	70	54	-		
Lorient	30.03	62	NW	4	bc	30.08	+0.03	62	59	+1	WSW	4	c	2	72	55	-		
† Rochefort	30.05	?	NW	5	bc	30.13	+0.05	66	61	-1	NW	3	b	2	81	61	-		
Biarritz	30.10	70	NW	5	bc	30.15	+0.05	67	63	-3	SW	1	c	2	73	61	-		
Corunna	*	*	*	*	*	30.15	*	66	*	*	?	?	?	*	*	*	*		
Brussels	*	*	*	*	*	29.96	-0.03	69	64	0	WSW	3	b	1	80	66	*		
Charleville	29.98	79	W	1	b	30.00	-0.04	68	63	-3	SW	1	b	*	88	60	-		
Paris	29.95	78	L	0	b	30.08	+0.02	66	62	-6	L	0	bc	*	*	*	-		
Lyons	29.93	86	SE	1	b	30.05	-0.03	76	69	+5	WNW	1	b	*	92	62	-		
Toulon	30.05	82	SW	3	b	30.08	-0.00	77	69	-4	L	0	bc	*	88	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.73	68	ENE	1	bc	28.60	-0.23	59	57	+2	WSW	3	bc	*	70	48	0.47		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.73	68	ENE	1	bc	28.60	-0.23	59	57	+2	WNW	3	bc	*	70	55	0.47
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

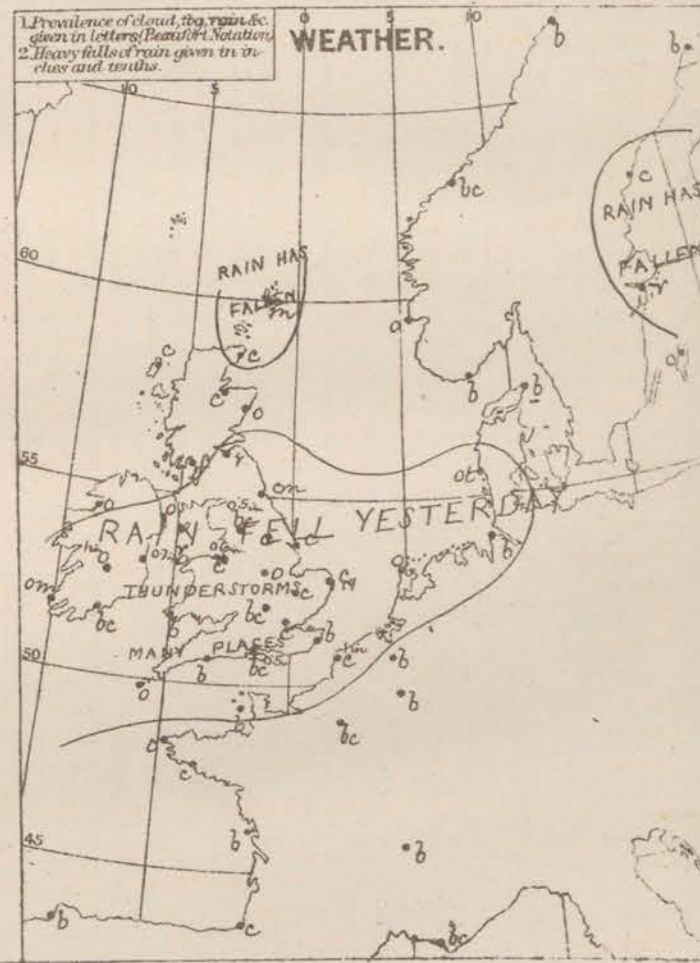
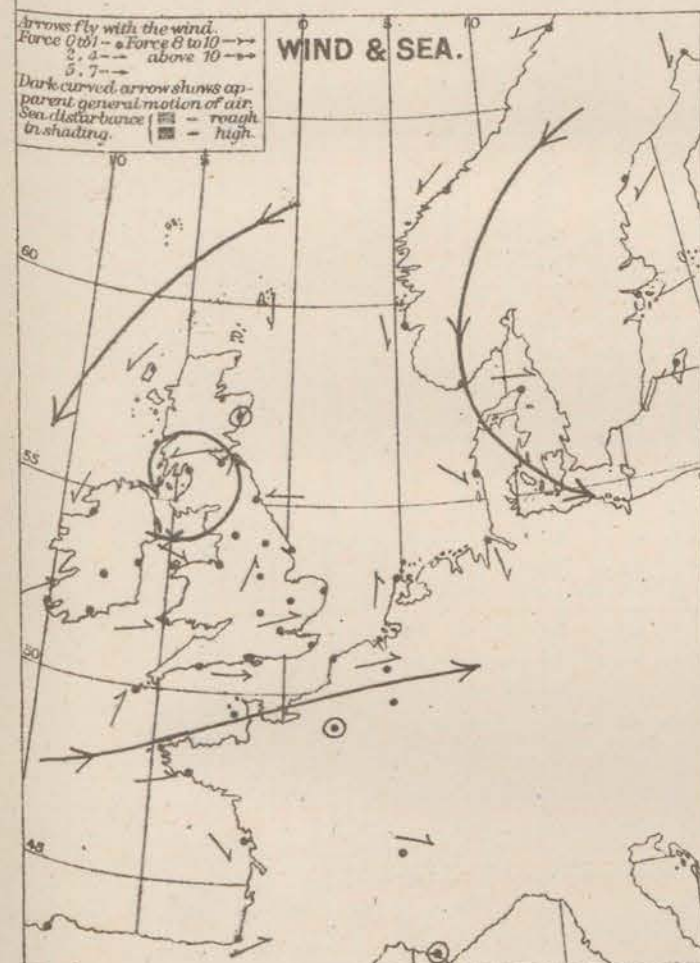
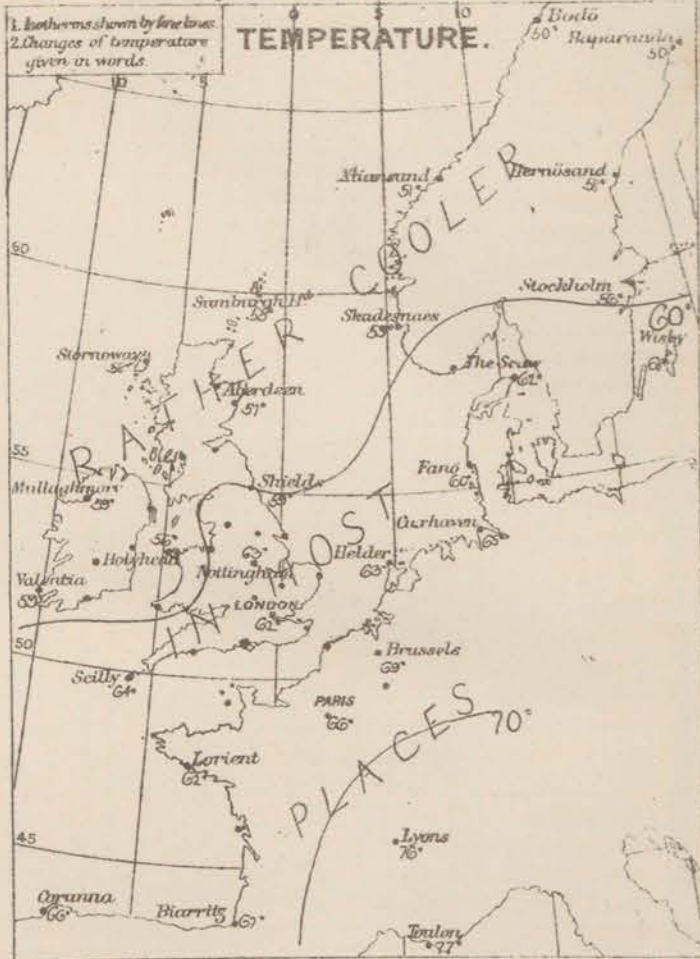
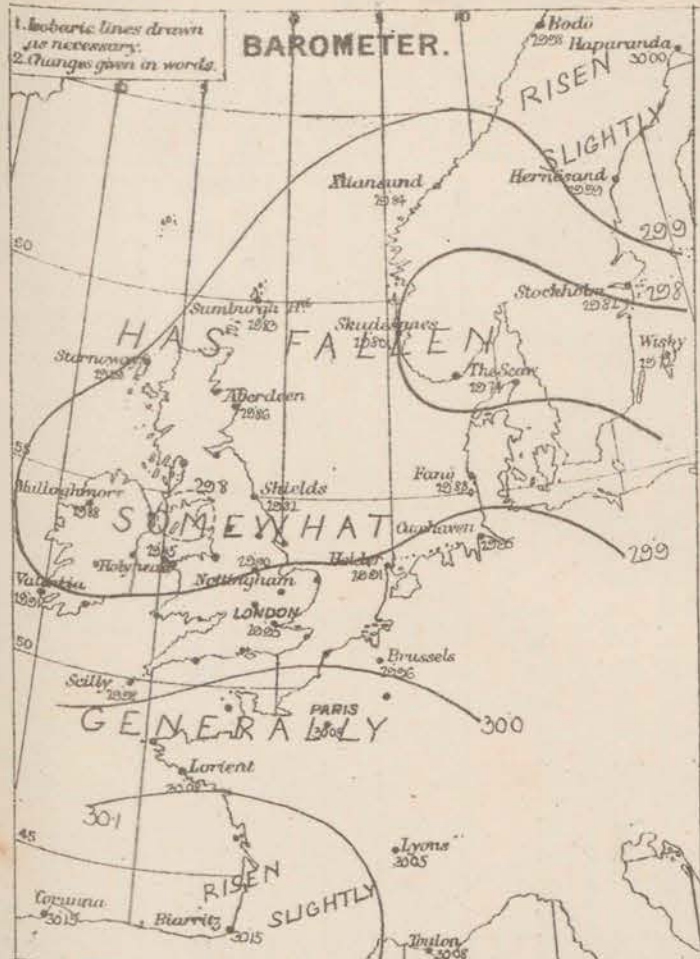
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.91	63	57	W	6	c	3	Valentia ...	30.03	66	60	NW	2	cm	3
Sumburgh Head	29.96	56	55	W	2	m	1	Scilly ...	30.04	64	60	NNW	2	c	0
Stornoway ...	29.98	60	60	SE	1	o	1	Dover ...	30.03	63	61	ENE	1	of	0
Aberdeen ...	29.99	64	60	S	2	b	1	London ...	30.04	68	64	W	0	gm	*
Shields ...	30.03	58	56	ENE	1	cm	2	Yarmouth ...	30.04	65	62	NNE	3	b	2
Ardrossan ...	30.00	68	62	W	0	b	0	Jersey ...	30.05	70	62	WSW	2	bm	1
Mullaghmore ...	30.03	67	62	NW	1	bc	1	Rochefort ...	30.07	73	68	NW	3	m	2
Holyhead ...	30.01	59	58	W	1	f	0								

No important change.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 18th JULY 1880.



REMARKS. During the past 24 hours the barometer has fallen somewhat decidedly over the whole of the United Kingdom, the eastern shores of the North Sea and the north of France, and although the general distribution of pressure has been very little affected by the change, freshets for W. winds in the south have become much steeper than of late. W. breezes of moderate strength are now prevailing at all our more southern stations, but on our north-west coasts a very decided cyclonic circulation is shown round a small depression whose centre appears to be lying just outside the coast of Cumberland. In the north of Scotland light N. and NE. breezes are blowing. Temperature has changed rather irregularly, but the general tendency has been to fall a few degrees; readings are at present a little below 60° at all our western and northern stations, but a little above that value in the south and south-east. The highest maxima registered yesterday were 72° at Hain and Short Castle, 71° at Liverpool and Pichey St., 70° at Penzance and 70° at Nottingham and in London. The weather is tolerably fine at our southern stations, cloudy or dull in all other parts of the Kingdom, with rain at many of our north-western stations. Thunderstorms occurred yesterday in many parts of the country, with heavy rain in some places. The sea is slight or smooth on all our coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 19th

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 8 a.m. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 13).			Dry.	Wet.				Max.	Min.						
Haparanda	29.99	51	NE	4	b	29.99	-01	50	45	0	NE	4	6	59	43				
Hernösand	29.95	53	NE	2	c	29.95	-04	56	51	-2	NNE	4	c	61	50				
Stockholm	29.30	57	NNE	2	0	29.84	+02	63	58	+7	NNE	2	0	66	54	1.26			
Wisby	29.72	60	NNE	6	0	29.79	+07	62	58	-6	NW	2	0	75	57				
Bodö	29.89	55	NNE	2	b	29.89	-00	58	49	+8	NE	4	6	59	43				
Christiansund	29.72	54	NE	1	2	29.73	-11	58	55	+7	SE	1	f	?	45	0.12			
† Skudesnaes	29.76	60	W	2	0	29.68	-12	60	57	+1	ESE	2	2	65	59				
Oxö (Xiänsund)	29.74	59	SW	6	0	29.72	00	59	57	-4	SW	4	0	64	55	0.04			
Skagen (The Skaw)	29.79	59	WSW	6	0	29.76	+02	60	58	-2	SW	3	0	66	54	0.32			
Faro	29.83	61	WSW	4	0	29.82	-06	65	62	+5	WSW	4	c	66	59	0.25			
Cuxhaven	29.94	70	W	2	c	29.94	-01	63	63	-2	WSW	4	2	69	59	0.03			
† Sumburgh Head	29.83	54	NNE	5	0	29.83	00	52	50	-3	N	5	0	56	49	0.11			
† Stornoway	29.87	57	NE	5	0	29.95	+06	54	52	-4	NE	5	0	58	50				
Wick	29.80	55	N	3	0	29.90	+06	53	51	-6	NNE	2	0	65	50	0.04			
Nairn	29.79	65	W	0	c	29.91	+05	54	52	-6	NNE	3	0	65	53	0.06			
† Aberdeen	29.81	59	W	0	c	29.87	+01	55	52	-2	NW	3	0	63	54	0.01			
Leith	29.80	57	E	1	0	29.89	+05	61	59	+5	NE	1	6c	63	54	0.44			
† Shields	29.80	66	SW	1	0	29.90	+08	56	55	-3	W	0	2	65	55	0.21			
Spurn Head	29.85	64	W	1	c	29.91	+06	62	59	-2	WSW	4	3	70	57				
York	29.86	61	W	1	0	29.90	+06	61	59	-1	W	3	c	66	55	0.35			
Nottingham	29.91	67	SW	3	b	29.96	+06	67	62	+4	WNW	3	2	75	55	0.07			
† Ardrossan	29.81	60	W	0	2	29.85	+06	57	56	0	SSE	1	c	60	54	0.15			
† Mullaghmore	29.88	61	WNW	4	c	29.95	+08	59	56	0	N	3	0	65	58				
Donaghadee	29.85	58	WNW	2	b	29.91	+06	60	58	+5	NW	3	c	64	51				
Parsonstown	29.88	60	WSW	1	0	29.99	+11	57	56	-1	W	1	0	66	55	0.29			
Barrow-in-Furness	29.85	58	SSW	4	0	29.94	+09	58	57	-2	NW	3	c	62	55	0.48			
† Holyhead	29.89	57	SW	3	c	29.94	+09	56	55	0	NW	2	d	59	55	0.14			
Liverpool (Bilston)	29.88	56	W	4	0	29.92	+10	58	57	-2	WSW	1	0	61	55	0.57			
† Valentia	29.93	59	NW	2	0	30.01	+10	59	58	0	NW	1	0	64	55	0.12			
Roche's Point	29.95	63	W	2	b	29.99	+08	61	58	+2	W	1	c	?	55				
Pembroke	29.92	61	W	0	b	29.98	+06	59	58	0	W	1	6	64	56	0.06			
† Scilly	29.96	65	SW	5	c	30.03	+05	62	61	-2	E	1	0	68	58				
Prawle Point	29.98	60	SSW	4	0	30.04	+07	59	59	-1	SW	2	m	65	57				
Hurst Castle	30.02	61	WSW	5	c	30.05	+07	61	59	+1	WSW	5	m	65	60	0.01			
† Dover	30.02	62	WSW	4	b	30.03	+07	62	60	-2	WSW	4	6	66	60				
† London	29.97	66	SW	3	c	30.01	+06	63	59	+1	SW	2	0	72	56	0.01			
Oxford	29.97	64	W	3	0	29.99	+06	61	57	-1	SW	2	0	70	55	0.05			
Cambridge	29.94	68	SW	3	c	29.93	+01	62	59	0	SW	4	c	74	59	0.01			
† Yarmouth	29.92	72	W	3	b	29.97	+06	63	59	0	WSW	3	6c	73	57				
The Helder	?	?	?	4	b	29.94	+03	63	60	0	SW	13	c	68	61				
Cape Gris Nez	30.04	61	SW	5	c	30.05	+07	61	59	+1	SW	5	0	64	59				
† Jersey	30.09	64	SW	5	c	30.12	+04	62	59	+2	SW	3	c	68	59				
Brest	30.05	60	SW	5	0	30.13	+07	60	60	0	SW	3	c	63	59				
Lorient	30.15	64	SW	3	c	30.11	+03	63	61	+1	WSW	3	6c	70	59				
† Rochefort	30.14	71	NW	3	b	30.13	05	65	61	-1	ENE	7	c	75	57				
Biarritz	30.10	69	NNE	5	b	30.10	-05	68	64	+1	SW	3	6	73	63				
Corunna	*	*	*	*	*	30.07	+11	65	60	-4	SW	5	6	75	60				
Brussels	*	*	*	*	*	30.13	+13	64	58	-4	SSE	1	6	86	61				
Charleville	30.03	73	WNW	1	b	30.13	+13	64	58	-4	SSE	1	6	86	61				
Paris	30.10	75	W	2	c	30.16	+08	68	59	+2	WSW	1	6	88	63				
Lyons	30.02	82	N	1	b	30.13	+08	76	69	0	N	1	6	88	63				
Toulon	30.06	78	SW	1	b	30.13	+05	72	71	-5	W	0	m	88	72				

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.61	53	WSW	4	2	28.66	+06	55	54	-4	WSW	2	0	62	52	0.50			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Woe.	Sea.	Bar.	Dry.	Wet.	Wind.	Woe.	Sea.
Skudesnaes	29.79	63	59	W	2	0	2				
Sumburgh Head											
Stornoway											
Aberdeen											
Shields											
Ardrossan											
Mullaghmore											
Holyhead											
Valentia											
Scilly											
Dover											
London											
Yarmouth											
Jersey											
Rochefort	30.15	72	63	NW	4	6	1				

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

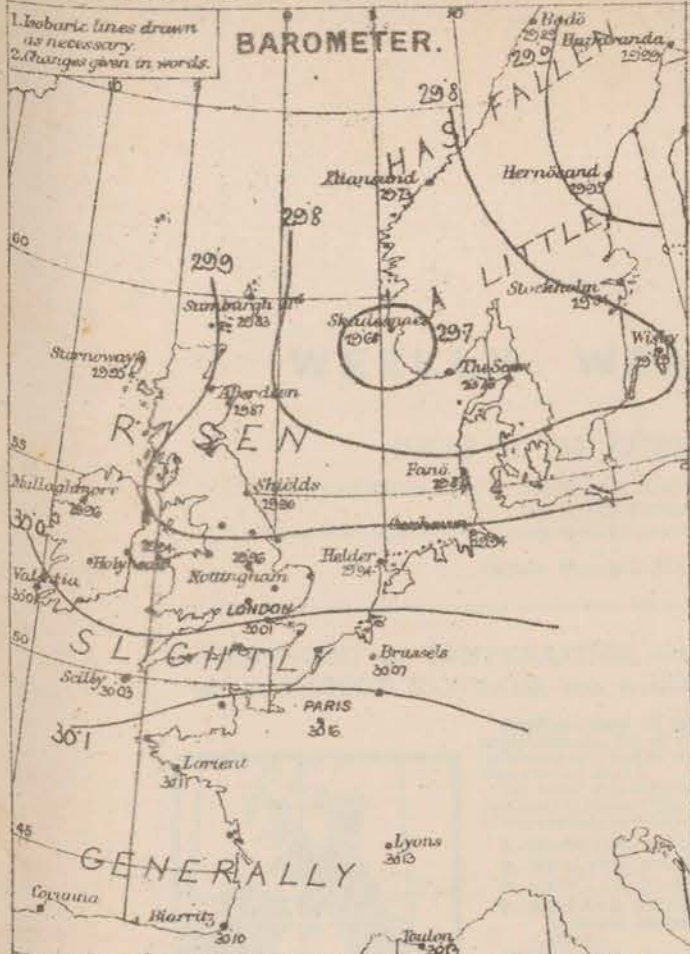
for 8 a.m. on Monday

19TH JULY 1880.

1887.

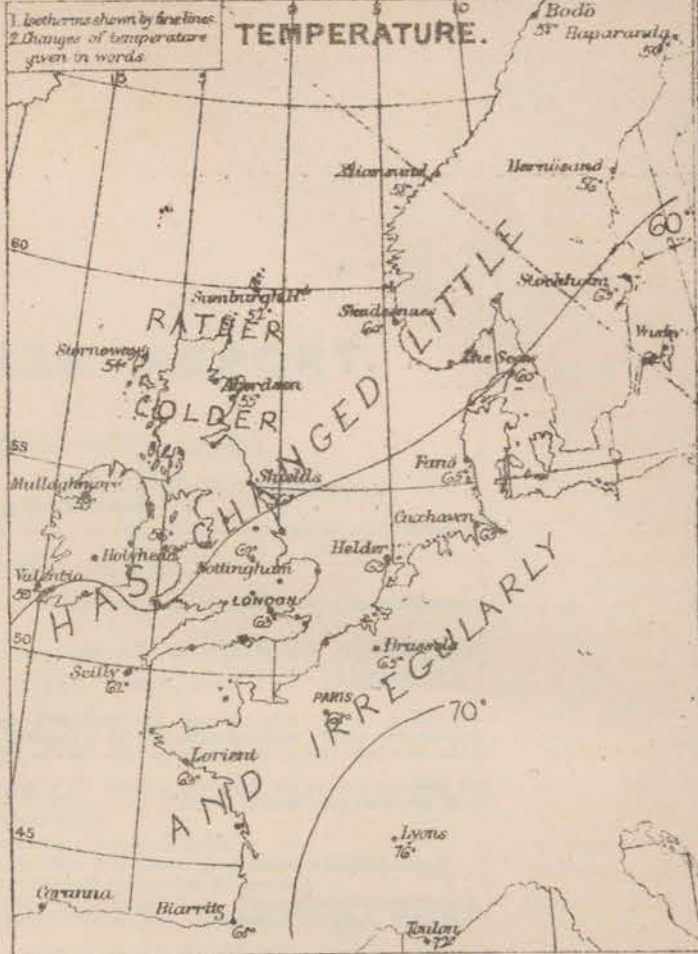
Isobaric lines drawn
as necessary.

BAROMETER.



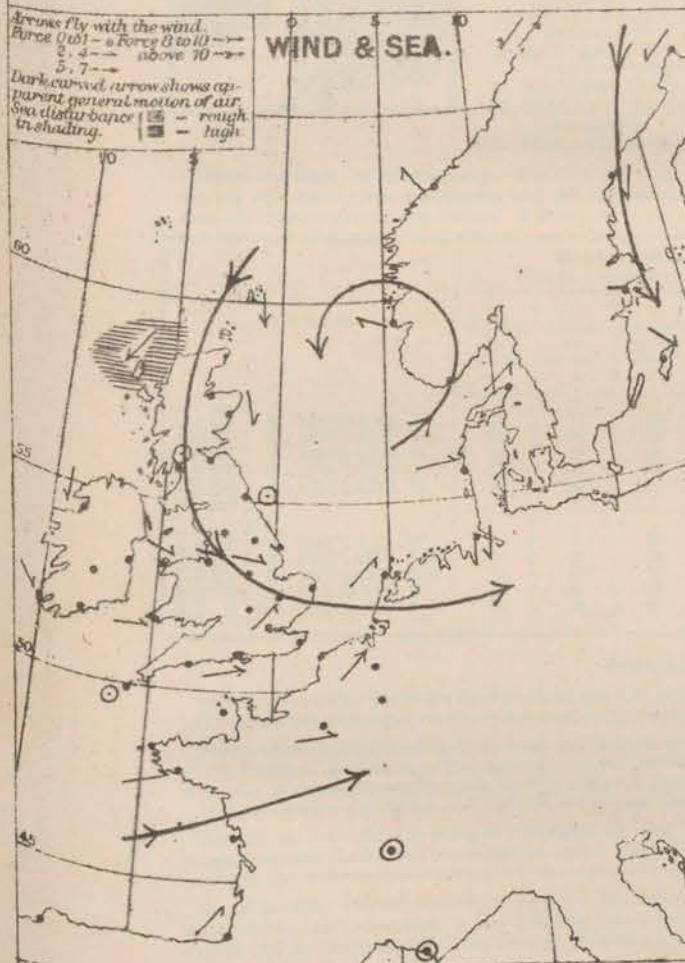
1. Isotherms shown by fine lines
2. Changes of temperature given in words.

TEMPERATURE



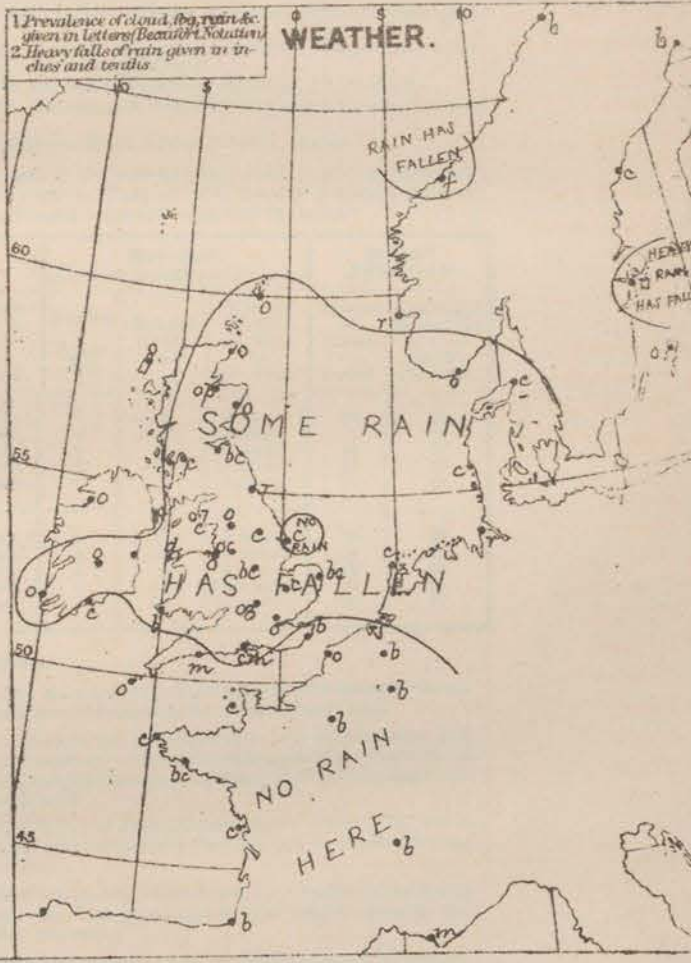
Drinks fly with the wind
Force 0 to 1 - Force 8 to 11
2, 4 - - - - - above 10
5, 7 - - - - -
Dark curved arrow shows
parent general motion of
sea disturbance [] - -
in shading. [] - -

WIND & SEA.



1 Prevalence of cloud, fog, rain &c.
given in letters (Beautiful Solution)
2 Heavy falls of rain given in in-
ches and tenths

WEATHER.



REMARKS. The areas of low pressure noticed in the north-east and north yesterday are moving very slowly in a north easterly direction and the barometer is rising on all our coasts. Some fresh but very shallow disturbances are, however, still passing over us, one being now over the extreme north of England, while another is apparently approaching our south-west coasts. Temperature has fallen a few degrees in the north of Scotland, but shows little change elsewhere; the readings now vary from about 60° to 63° over England to 54° in the north-west of Scotland. The maximum readings for yesterday varied from 70° to 75° in many parts of England, while those in Scotland and Ireland varied from 60° to 65°. Fresh N^W breezes are reported in the north of Scotland, light N^W to W^W winds on our western coasts, and moderate W^W to S^W winds in the south-east. Slight showers of rain fell in most places yesterday, accompanied in a few instances by thunder. The weather is still dull and showery in the north and north-west, fair, but cloudy, in the south. The sea is slight or smooth on our coasts, moderate on the French side of the Channel.

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book post 5/-*

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT JULY 20TH 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 19).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 19).			Max.	Min.			
Haparanda	30.03	50	N	2	c	30.02	+0.3	52	49	+2	NE	2	0	*	58	46	-		
Hernösand	30.01	52	NE	4	o	29.96	+0.1	51	48	-5	NNE	4	1	*	63	46	-		
Stockholm	29.85	56	E	2	o	29.81	-0.3	58	53	-5	NE	2	0	*	66	54	-		
Wisby	29.79	61	SE	2	c	29.76	-0.3	62	59	0	W	6	0	*	70	58	-		
Bodö	29.91	60	E	0	b	29.92	+0.3	57	49	-1	E	4	6	2	63	52	-		
Christiansund	29.70	61	SE	1	c	29.69	-0.4	57	55	-1	ESE	2	0	1	63	48	0.39		
† Skudesnaes	29.72	59	NW	4	o	29.75	+0.7	57	55	-3	WNW	4	0	3	64	50	-		
Öxö (Xiänsund)	29.72	60	SW	4	b	29.73	+0.1	60	54	+1	WSW	2	0	2	63	57	-		
Skagen (The Skaw)	29.75	60	SW	2	h	29.75	-0.1	62	57	+2	W	5	0	2	73	55	0.59		
Fanö	29.89	59	W	4	c	29.88	+0.6	64	59	-1	W	4	0	*	68	57	0.04		
Cuxhaven	30.04	66	W	3	c	29.98	+0.4	64	64	+1	WNW	1	0	*	66	59	0.82		
† Sumburgh Head	29.88	51	NNE	5	h	29.95	+1.2	50	47	-2	N	5	0	5	53	48	0.05		
† Stornoway	30.02	55	ENE	4	o	30.09	+1.4	54	51	0	N	2	0	2	57	50	-		
Wick	29.97	51	NW	4	o	30.05	+1.5	52	50	-1	NW	3	0	2	57	49	-		
Nairn	29.98	57	NNE	2	c	30.08	+1.7	49	47	-5	E	0	0	2	61	49	0.04		
† Aberdeen	29.95	59	WNW	2	c	30.04	+1.7	54	51	-1	NW	3	0	1	62	50	-		
Leith	30.02	58	ESE	1	o	30.07	+1.8	55	53	-6	ENE	1	0	*	67	51	-		
† Shields	29.98	56	E	0	o	30.08	+1.8	54	51	-2	N	1	0	3	58	51	0.28		
Spurn Head	29.95	62	W	3	c	30.04	+1.3	56	55	-6	WNW	1	0	0	66	55	0.04		
York	29.95	61	NW	1	o	30.05	+1.5	55	54	-6	ENE	1	h	*	66	54	0.28		
Nottingham	30.00	68	SW	3	c	30.09	+1.3	65	61	-2	SW	3	0	*	77	53	0.01		
† Ardrossan	29.93	62	E	0	b	30.06	+1.8	57	54	-6	WNW	1	0	0	66	51	-		
† Mullaghmore	30.02	61	WNW	4	b	30.14	+1.8	58	53	-1	NNE	2	0	2	63	57	-		
Donaghadee	29.98	58	N	3	o	30.09	+1.8	57	54	-3	WNW	4	0	2	65	47	-		
Parsonstown	30.02	63	WNW	1	c	30.14	+1.5	56	54	-1	NW	1	0	*	65	50	-		
Barrow-in-Furness	29.95	61	WSW	5	c	30.06	+1.6	57	55	-1	NW	2	0	5	65	55	-		
† Holyhead	30.00	62	SW	2	c	30.09	+1.5	57	54	+1	WNW	3	0	2	63	54	0.01		
Liverpool (Bidston)	29.99	59	WNW	2	c	30.07	+1.5	58	54	0	W	3	0	3	63	55	-		
† Valentia	30.07	63	WNW	3	b	30.12	+1.1	63	56	+4	E	0	0	1	66	50	-		
Roche's Point	30.03	69	NW	2	b	30.11	+1.2	60	55	-1	WNW	2	0	3	75	56	-		
Pembroke	30.04	60	WSW	1	b	30.10	+1.2	60	58	+1	W	1	0	2	63	58	-		
† Scilly	30.09	67	WSW	3	b	30.12	+0.9	67	64	+3	SSW	1	0	1	69	58	-		
Prawle Point	30.08	60	WSW	4	b	30.13	+0.9	60	60	+1	E	0	0	1	63	54	0.04		
Hurst Castle	30.07	62	WSW	4	c	30.12	+0.7	61	58	0	WNW	2	0	3	67	55	-		
† Dover	30.03	62	SW	4	c	30.09	+0.6	63	60	+1	WSW	3	0	2	66	59	-		
† London	30.02	68	SW	3	c	30.09	+0.8	63	59	0	WSW	2	0	*	74	54	0.03		
Oxford	30.02	63	SW	1	b	30.09	+1.0	60	57	-1	W	1	0	*	69	53	0.01		
Cambridge	30.01	63	W	1	b	30.06	+1.3	60	58	-2	W	1	0	*	73	59	0.18		
† Yarmouth	29.98	63	WNW	4	b	30.05	+0.8	62	48	-1	WNW	2	0	2	71	55	0.07		
The Helder	29.99	62	SW	3	c	30.00	+0.6	62	59	-1	WSW	1	0	1	66	59	-		
Cape Gris Nez	30.06	61	SW	5	c	30.06	+0.1	60	60	-1	SW	4	0	3	64	55	-		
† Jersey	30.15	65	W	1	b	30.19	+0.7	60	59	-2	W	1	0	1	70	57	-		
Brest	30.16	64	W	2	b	30.16	+0.3	59	59	-1	S	1	0	3	66	57	-		
Lorient	30.10	67	W	4	b	30.15	+0.4	60	59	-3	ENE	3	0	1	73	57	-		
† Rochefort	30.11	77	NW	4	b	30.12	-0.1	70	64	+5	E	4	0	1	81	59	-		
Biarritz	30.12	71	W	4	b	30.10	0.0	70	63	+2	E	1	0	2	75	63	-		
Corunna	*	*	*	*	*	30.10	+0.3	62	59	-3	SW	3	0	*	75	57	0.04		
Brussels	*	*	*	*	*	30.15	+0.2	61	58	-3	W	4	0	*	88	51	-		
Charleville	30.10	74	WSW	7	b	30.15	+0.2	61	58	-3	W	4	0	*	*	*	-		
Paris	30.10	77	SSW	3	b	30.15	-0.1	68	63	0	SW	3	0	*	*	*	-		
Lyons	*	*	*	*	*	30.15	-0.1	68	63	0	SW	3	0	*	*	*	-		
Toulon	30.12	81	W	1	b	30.13	0.0	83	70	+11	SW	1	0	*	84	72	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.13	56	WSW	3	c	28.81	+1.5	53	52	-2	E	1	0	61	51	0.07			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

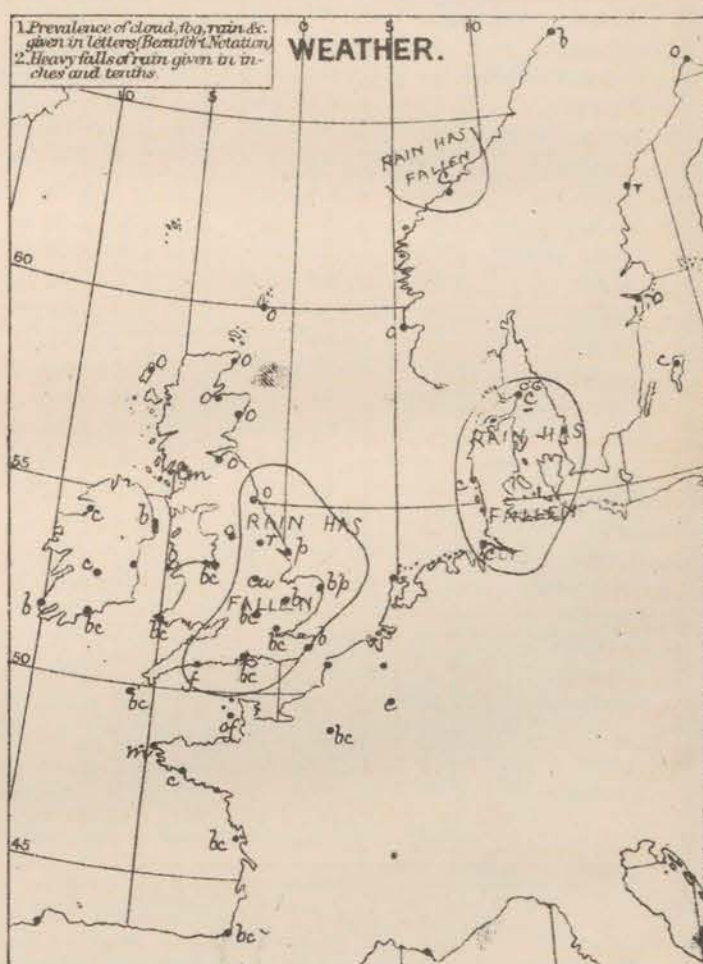
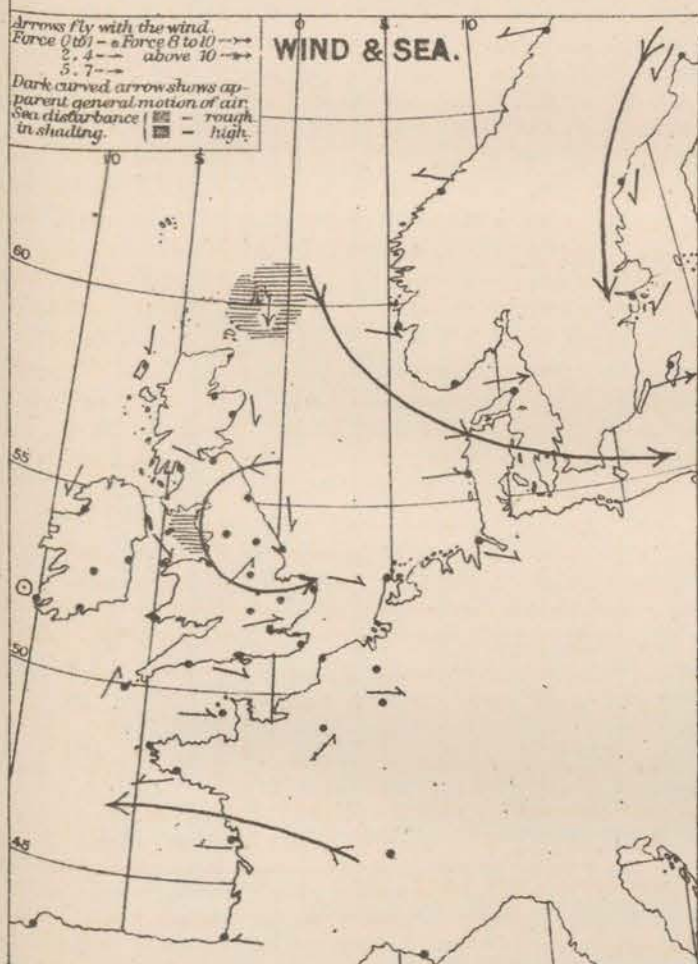
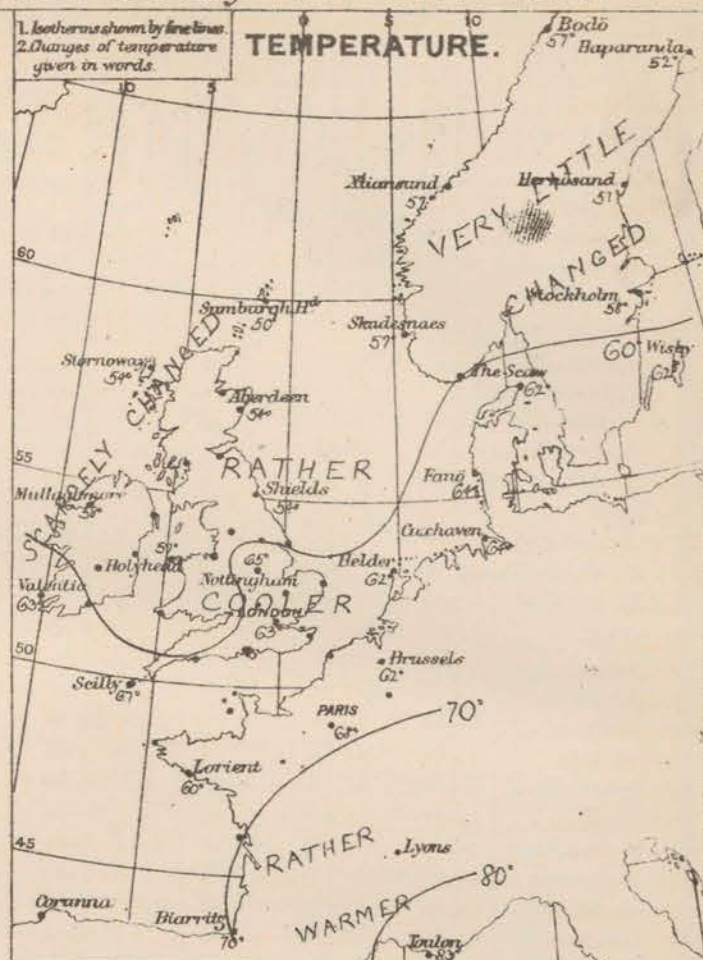
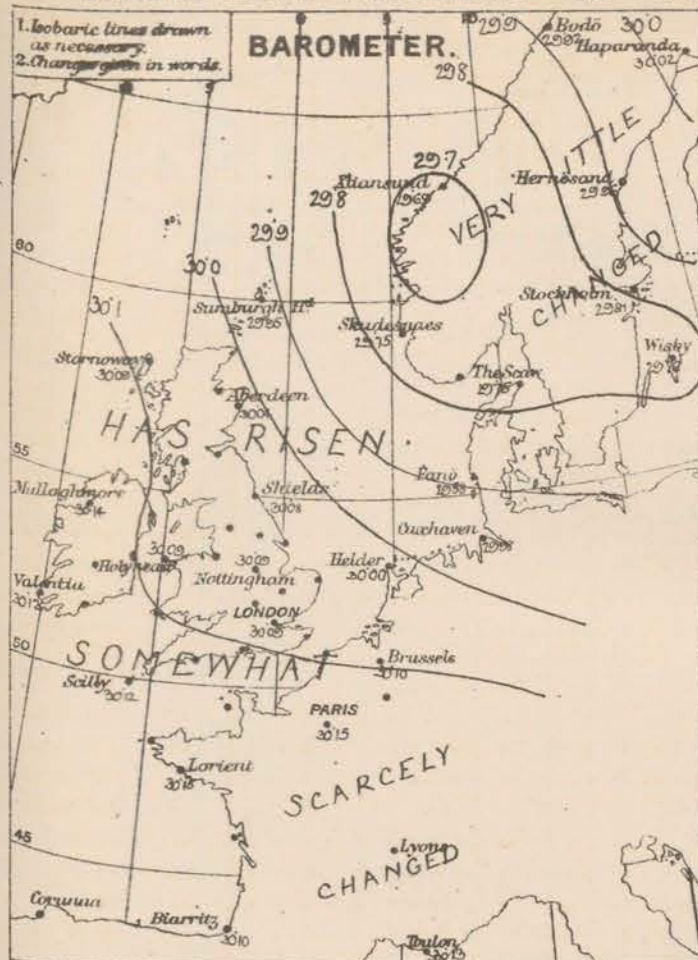
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.70	65	59	WSW	2	0	2	Valentia ...	30.05	65	58	N	2	C	3
Sumburgh Head	29.86	52	50	N	5	0	4	Scilly ...	30.06	65	62	SW	4	C	3
Stornoway ...	29.99	56	54	ENE	5	60	1	Dover ...	30.06	64	61	SW	4	60	3
Aberdeen ...	29.91	61	55	NNW	3	60	1	London ...	30.03	67	62	SW	3	C	*
Shields ...	29.95	57	55	NNE	2	09	2	Yarmouth ...	29.97	69	62	WSW	3	6	2
Ardrossan ...	29.90	64	59	NW	1	0	1	Jersey ...	30.15	67	61	W	2	C	2
Mullaghmore ...	30.00	62	56	NW	5	00	4	Rochefort ...	30.11	77	68	NW	3	6	1
Holyhead ...	29.98	63	59	WSW	2	C	1								

Pressure is increasing slowly at all stations, but the weather is cloudy except on some parts of our east coast. The wind is N^W in Ireland and Scotland but draws into W. and SW. over England.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Tuesday 20th JULY 1880.*



REMARKS. During the past twenty four hours the barometer has risen in all parts of our Islands, and readings are becoming more uniform than of late. Pressure is highest over Ireland and France, lowest in the west of Norway but the gradients are slight everywhere. Temperature has decreased a little over the eastern and midland parts of England and is low everywhere for the season. A maximum of 77° was recorded at Nottingham yesterday, 75° at Roches Pt., 74° in London and 73° at Cambridge, while at some of the Scotch stations the thermometer rose to nearly 90°. Showers of rain have fallen over our eastern and north eastern districts, accompanied by thunder and lightning in some places. The sky is still overcast in the north, with rain at York, Spurn Pt. and Yarmouth, but is clear or partly so elsewhere. The sea is slight or smooth generally.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

JULY 21st

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 33° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirct.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirct.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.01	50	NE	2	b	29.97	-0.05	50	44	-2	NE	4	b	*	57	41	-		
Hernösand	29.94	52	NNE	2	b	29.95	-0.01	55	50	+4	N	4	b	*	55	50	-		
Stockholm	29.78	59	NE	2	0	29.80	-0.01	61	53	+3	ENE	4	0	*	68	54	-		
Wisby	29.72	61	NNW	2	0	29.75	-0.01	61	56	-1	ENE	6	c	*	70	52	0.33		
Bodö																			
Christiansund																			
† Skudesnaes	29.76	57	NNW	4	c	29.85	+0.10	59	57	+2	NNW	1	c	2	?	57	-		
Oxö (Xiansund)	29.71	58	N	4	c	29.82	+0.09	57	54	-3	NNE	4	0	2	63	54	0.32		
Skagen (The Skaw)	29.73	58	NNW	4	c	29.78	+0.05	61	58	-1	NNW	3	c	0	64	50	-		
Fanö	29.86	57	NW	6	c	29.88	-0.00	59	55	-5	NW	6	c	*	64	55	-		
Cuxhaven	30.02	62	NW	5	c	29.99	+0.01	59	59	-5	NW	6	0	*	66	58	0.04		
† Sumburgh Head	29.97	52	NW	5	b	30.02	+0.05	52	60	+2	NNW	5	0	5	54	49	-		
† Stornoway	30.13	57	NW	1	0	30.06	-0.03	57	56	+3	NW	1	0	1	58	63	-		
Wick	30.08	52	NW	4	0	30.09	+0.04	56	54	+4	N	1	b	1	57	40	-		
Nairn	30.10	57	NW	3	b	30.09	+0.01	55	53	+6	N	0	c	0	60	49	0.02		
† Aberdeen	30.07	58	NNW	1	b	30.10	+0.06	56	52	+2	NNW	1	c	1	65	47	-		
Leith	30.06	66	N	1	b	30.10	+0.03	60	55	+5	E	1	b	*	73	46	-		
† Shields	30.12	56	ENE	2	b	30.13	+0.05	59	54	+5	E	1	b	3	59	53	-		
Spurn Head	30.11	57	ENE	1	c	30.09	+0.05	58	55	+2	N	0	b	0	62	53	-		
York	30.10	63	E	1	c	30.10	+0.05	58	55	+3	NNE	1	b	*	65	49	0.04		
Nottingham	30.11	65	SW	1	b	30.10	+0.01	61	57	-4	SSE	1	b	*	74	48	-		
† Ardrossan	30.08	60	NW	3	b	30.09	+0.03	60	56	+3	NW	1	b	1	68	48	-		
† Mullaghmore	30.18	59	N	4	c	30.14	-0.00	59	55	+1	NNE	3	0	2	63	56	-		
Donaghadee	30.14	58	N	3	b	30.11	+0.02	57	55	0	N	3	b	1	60	46	-		
Parsonstown	30.15	65	NW	1	b	30.14	-0.02	56	51	-5	NE	1	b	*	66	43	-		
Barrow-in-Furness	30.11	63	NW	2	b	30.18	+0.04	55	53	-2	NNW	1	b	3	66	51	-		
† Holyhead	30.14	60	NW	2	b	30.10	+0.01	56	53	-1	N	2	b	1	61	53	-		
Liverpool (Bilston)	30.11	60	NNW	2	b	30.09	+0.02	59	55	+1	NNW	1	b	1	62	52	-		
† Valentia	30.10	69	NNW	1	c	30.08	-0.04	61	55	-2	NE	4	b	4	69	52	-		
Roche's Point	30.12	67	SE	3	c	30.08	-0.03	60	54	-6	E	4	c	3	77	57	-		
Pembroke	30.13	64	N	1	b	30.10	-0.00	58	54	-2	NE	1	c	2	66	53	-		
† Scilly	30.12	62	SE	4	0	30.01	-0.11	64	63	-3	SE	2	b	3	68	58	0.15		
Prawle Point	30.13	62	SW	2	b	30.05	-0.08	62	59	+2	ESE	2	b	2	65	57	0.08		
Hurst Castle	30.13	61	W	4	b	30.09	-0.03	60	59	-1	WSW	1	0	2	67	58	0.02		
† Dover	30.10	63	SW	1	c	30.10	+0.01	61	59	-2	SE	1	b	0	66	59	0.03		
† London	30.09	71	W	2	b	30.09	-0.00	64	60	+1	SW	2	b	*	75	56	-		
Oxford	30.09	65	2	0	c	30.07	-0.02	61	58	+1	SE	1	0	*	70	64	-		
Cambridge	30.11	64	NE	1	b	30.08	+0.02	62	60	+2	SE	1	c	*	72	?	0.05		
† Yarmouth	30.11	61	NNE	2	b	30.11	+0.06	60	57	-2	WSW	2	b	2	67	51	0.26		
The Helder	30.08	59	NNW	2	c	30.10	+0.10	58	54	-4	NNW	2	b	2	64	57	-		
Cape Gris Nez	30.04	62	SW	4	b	30.09	+0.03	60	59	0	ENE	1	m	0	64	54	-		
† Jersey	30.18	62	2	0	0	30.08	-0.11	67	63	+7	ESE	1	b	1	67	58	-		
Brest	30.14	64	SSE	3	0	30.05	-0.11	61	60	+2	S	3	b	2	70	59	-		
Lorient	30.13	64	S	1	c	30.04	-0.11	64	60	+4	WSW	1	b	1	72	59	-		
† Rochefort	30.10	72	NW	4	b	30.04	-0.08	70	66	0	N	5	c	0	79	63	-		
Biarritz	30.10	71	W	5	c	30.10	-0.00	70	63	0	W	5	b	2	77	63	-		
Corunna	*	*	*	*	*	30.12	+0.02	60	57	-2	E	1	b	*	71	56	0.04		
Brussels	*	*	*	*	*	30.10	-0.05	63	58	+2	NNE	5	b	*	83	53	-		
Charleville	30.11	71	NW	4	b	30.10	-0.05	63	58	+2	NNE	5	b	*	83	53	-		
Paris	30.13	72	SW	3	b	30.10	-0.05	78	64	+10	SW	3	c	*	*	*	-		
Lyons	*	*	*	*	*	30.10	-0.05	78	64	+10	SW	3	c	*	*	*	-		
Toulon	30.03	86	W	15	b	30.00	-0.13	?	?	?	S	1	b	1	94	77	0.12		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.86	57	WSW	3	c	28.86	+0.05	54	53	+1	ENE	1	0	*	61	45	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	23.86	54	WSW	3	c	23.86	+0.05	54	53	+1	ESE	1	c	*	61	45	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.75	57	55	WNW	6	2 f	3	Valentia ...	30.13	66	59	N	2	e	3
Sumburgh Head	29.98	53	48	NW	5	0	5	Scilly ...	30.14	67	63	SSE	3	b c	3
Stornoway ...	30.12	57	54	NN	2	0	2	Dover ...	30.11	65	61	SW	4	b a	3
Aberdeen ...	30.08	60	55	NNW	3	0	1	London ...	30.08	70	62	WSW	3	b c	*
Shields ...	30.12	57	52	ENE	2	0	3	Yarmouth ...	30.08	66	61	NNW	2	b c f	2
Ardrossan ...	30.08	64	58	NW	2	b	1	Jersey ...	30.21	62	60	WSW	2	a f	2
Mullaghmore ...	30.18	62	55	NE	3	b c v	2	Rochefort ...	30.14	79	72	NW	4	0	2
Holyhead ...	30.15	59	55	NW	2	b	2								

No important change.

EXPLANATION OF COLUMNS.

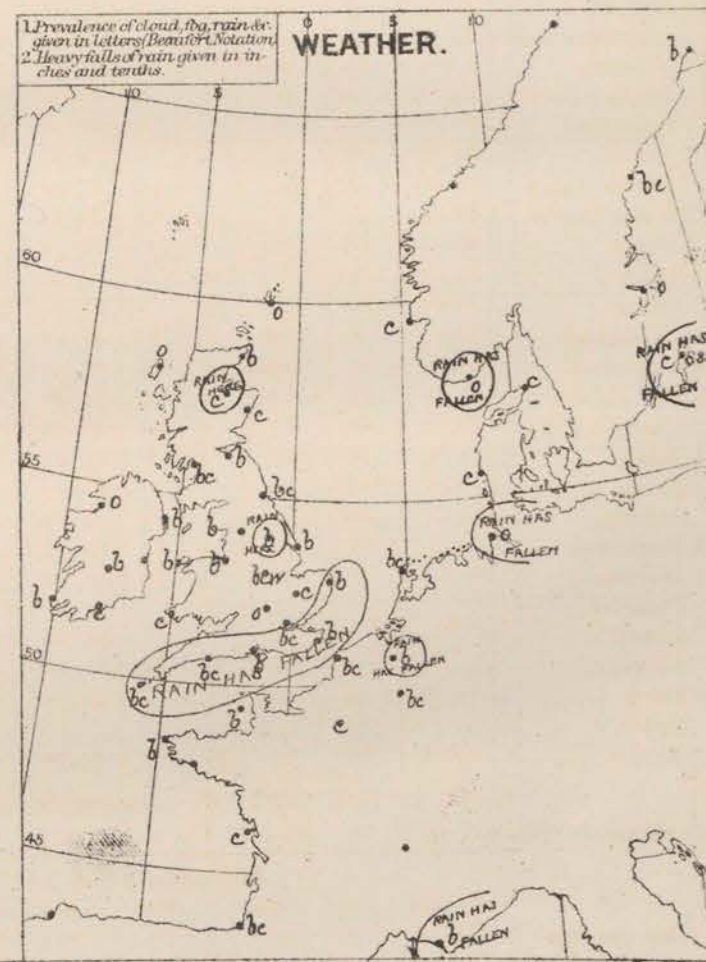
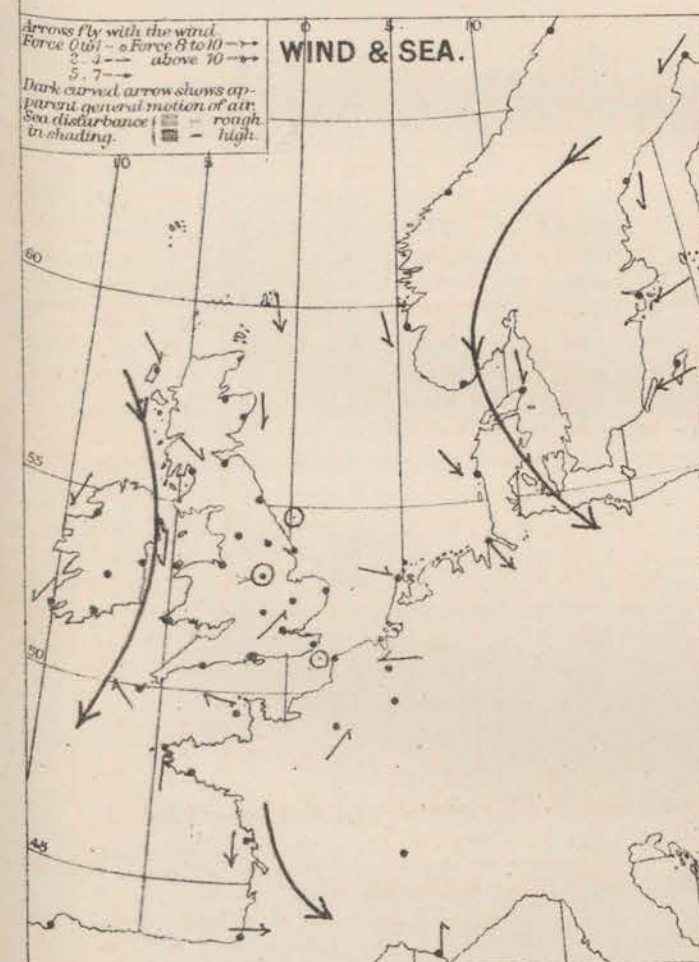
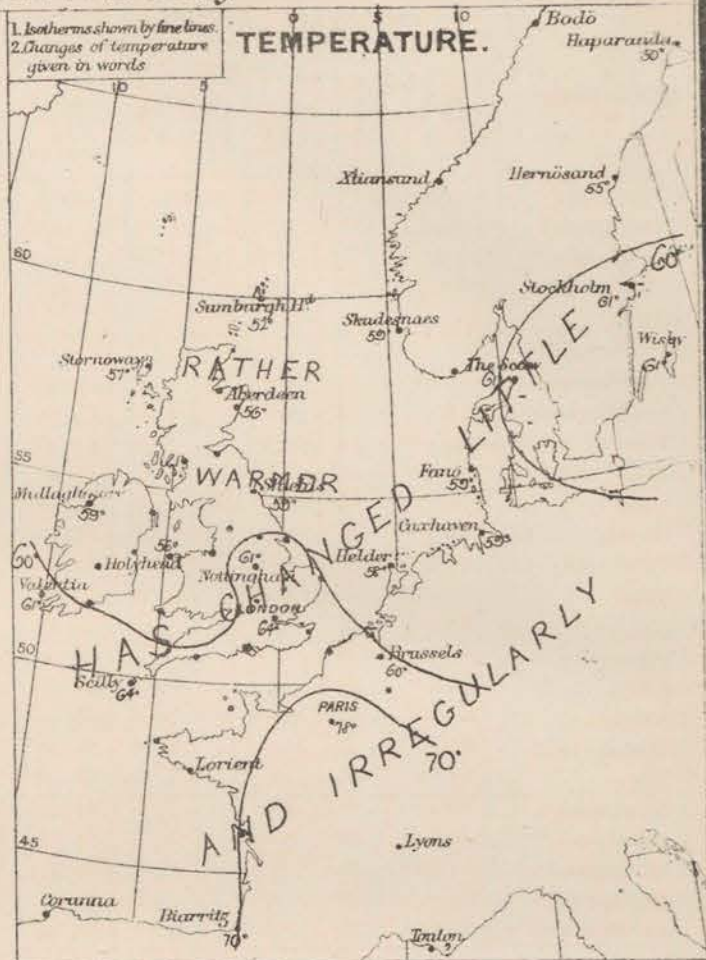
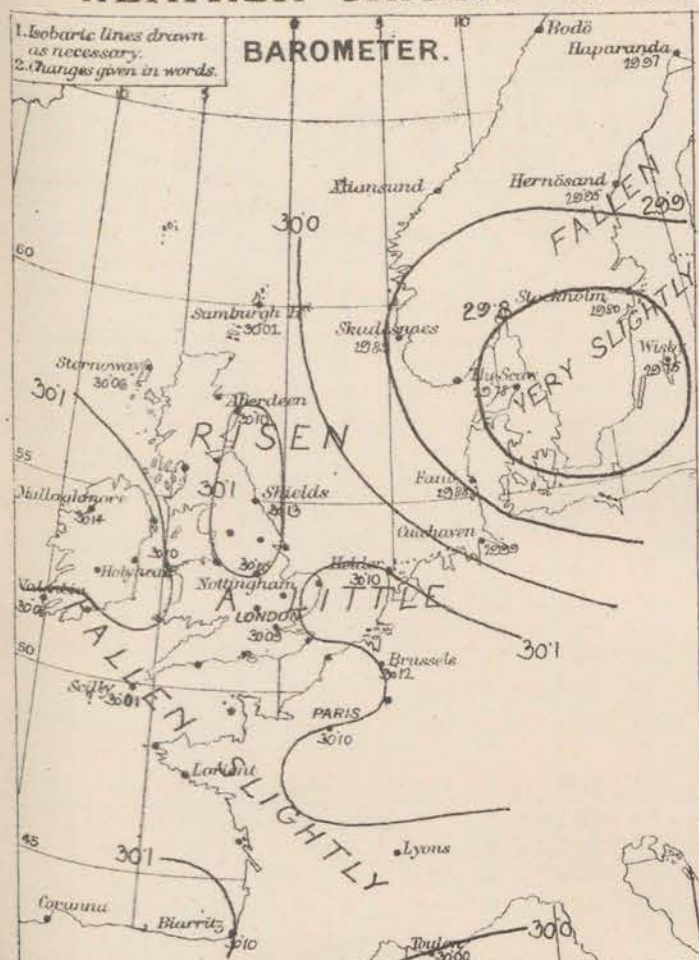
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (14.4) v. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS *for 8 a.m. on Wednesday 21ST JULY 1880.*



REMARKS. In the course of the night a number of small and very shallow disturbances have appeared in the otherwise uniform pressure which prevails over our Islands, causing the wind, which is exceedingly light, to vary a great deal in direction over England and France, while it remains N^{ly} (NE to NW) over Scotland and Ireland. Temperature has changed very little except in Paris, where it has risen locally to 78°, while over our Southern Counties it varies from 60° to 66°, and in the north of Scotland is about 55°. The maximum readings reported yesterday varied from 72° to 75° over the inland parts of England, but were below 60° in the north of Scotland. The sea is moderate in the south-west, smooth or nearly so elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 22ND

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.83	50	N	2	b	29.82	-0.15	51	43	+1	N	4	b	*	61	43	-	
Hernösand	29.92	56	N	0	o	29.91	-0.04	62	53	+7	NNE	2	b	*	70	45	-	
Stockholm	29.90	55	NE	2	o	29.92	+0.12	57	50	-4	WNW	2	o	*	67	54	-	
Wisby	29.80	57	NE	2	b	29.86	+0.11	55	51	-6	N	4	b	*	68	53	-	
Bodo																		
Christiansund	29.94	54	NNW	2	o	29.98		54	49		NW	1	o	1	61	45	-	
† Skudesnae	29.93	59	NW	4	c	29.92	+0.07	60	55	+1	WNW	2	bc	2	63	51	-	
Oxö (Ålansund)	29.95	57	SW	2	c	29.92	+0.10	58	56	+1	WNW	2	c	1	63	55	-	
Skagen (The Skaw)	29.92	60	NNE	2	c	29.92	+0.14	63	59	+2	N	0	b	0	70	50	-	
Fanö	29.95	60	NW	4	c	29.93	+0.05	61	58	+2	NNW	1	e	*	66	57	0.08	
Cuxhaven	?	?	?	5	c	30.01	+0.02	62	60	+3	NNW	5	o	*	?	55	-	
† Sumburgh Head	30.06	56	NE	4	b	30.08	+0.06	51	48	-1	NNE	2	o	2	59	44	-	
† Stornoway	30.06	57	E	2	bc	30.01	-0.05	60	58	+3	S	1	b	1	62	50	-	
Wick	30.11	58	NNE	2	b	30.08	-0.01	55	51	-1	N	0	bc	0	62	48	-	
Nairn	30.09	59	NE	3	c	30.07	-0.02	54	50	-1	E	2	bc	2	65	44	-	
† Aberdeen	30.09	56	SSE	1	b	30.08	-0.02	55	51	-1	NNE	1	o	2	63	50	-	
Leith	30.07	62	E	1	bc	30.06	-0.04	61	55	+1	SE	1	b	*	65	50	-	
† Shields	30.13	57	N	0	b	30.09	-0.04	56	53	-3	E	1	c	3	60	49	-	
Spurn Head																		
York	30.08	60	E	2	c	30.04	-0.06	58	55	0	E	1	b	*	69	50	-	
Nottingham	30.03	67	E NE	3	c	30.05	-0.05	58	56	-3	NE	4	o	*	80	55	-	
† Ardrossan	30.05	62	NW	1	c	30.02	-0.07	59	55	-1	E NE	2	mc	1	63	53	-	
† Mullaghmore	30.09	60	NE	5	c	30.03	-0.11	59	55	0	E	3	b	2	64	56	-	
Donaghadee	30.07	60	N	3	b	30.04	-0.07	52	51	-5	NE	2	c	0	62	52	-	
Parsonstown	30.04	67	NW	1	bc	30.03	-0.11	51	51	-5	N	0	f	*	67	44	-	
Barrow-in-Furness	30.05	62	NW	2	bc	30.02	-0.08	58	53	+3	NNE	2	b	3	67	53	-	
† Holyhead	30.04	58	N	3	b	29.98	-0.12	59	59	+3	NE	3	b	2	59	55	-	
Liverpool (Bidston)	30.02	61	NW	1	b	30.00	-0.09	58	56	-1	ESE	2	m	1	65	56	-	
† Valentia	30.06	65	NNW	3	b	30.01	-0.07	61	57	0	N	0	bc	1	67	46	-	
Roche's Point	30.07	66	SE	1	bc	30.00	-0.08	58	54	-2	NW	1	b	2	76	54	-	
Pembroke	30.00	60	NE	3	c	29.97	-0.13	62	58	+4	N	0	b	0	66	54	-	
† Scilly	29.98	64	E	4	c	29.98	-0.03	60	58	-4	NNE	4	o	4	66	57	-	
Prawle Point	29.97	63	E NE	1	b	29.95	-0.10	59	58	-3	NE	3	o	3	67	57	0.09	
Harst Castle	30.02	67	S	2	bc	30.02	-0.07	61	60	+1	ESE	2	om	2	70	60	-	
† Dover	30.03	64	E	2	c	29.96	-0.14	60	58	-1	NNW	3	cq	1	67	60	0.02	
† London	30.02	65	N	0	o	30.01	-0.08	59	58	-5	N	0	o	*	77	55	0.08	
Oxford	30.02	62	SSE	3	o	29.98	-0.09	60	57	-1	E	1	o	*	70	55	0.08	
Cambridge	30.03	65	E	1	o	30.00	-0.08	58	57	-4	E	1	o	*	74	56	0.04	
† Yarmouth	30.06	62	SE	3	b	30.02	-0.09	60	58	0	E	4	bc	3	63	57	-	
The Helder	30.10	59	NW	1	bc	30.02	-0.08	59	54	+1	N	1	b	0	63	55	0.04	
Cape Gris Nez																		
† Jersey	29.99	66	SE	2	b	29.98	-0.10	62	61	-5	WSW	1	q	1	75	58	0.15	
Brest	29.95	60	SSE	5	o	29.93	-0.12	62	60	+1	N	3	o	3	70	57	-	
Lorient	29.99	66	SW	4	c	29.90	-0.14	62	60	-2	S	4	n	4	70	57	0.04	
† Rochefort	30.07	69	WNW	5	bc	30.04	-0.00	66	61	-4	N	5	bc	2	72	61	-	
Biarritz	30.12	68	N	4	o	30.11	+0.01	67	61	-3	N	5	c	3	72	61	0.04	
Corunna																		
Brussels						29.97	-0.15	61	55	+1	E	1	o	*	73	52	-	
Charleville	30.03	71	NE	5	o	29.94	-0.16	59	54	-4	E	3	o	*	79	57	-	
Paris	29.98	75	NE	1	c	29.95	-0.15	64	61	-14	NW	4	bc	*			0.04	
Lyons	29.97	72	NW	1	c	30.01		67	62		N	1	o	*	85	63	0.04	
Toulon																		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.83	58	E	3	o	28.81	-0.05	53	50	-1	E	3	b	*	63	47	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.91	63	59	nnn	4	c	2	Valentia ...	30.09	64	57	N	3	c	3
Sumburgh Head	30.04	56	53	nnn	4	c	4	Scilly ...	30.11	65	62	ESE	4	c	3
Stornoway ...	30.06	61	59	SSE	1	c	1	Dover ...	30.08	66	62	N	0	b	0
Aberdeen ...	30.10	59	54	SSE	2	b	1	London ...	30.03	74	64	S	2	c	*
Shields ...	30.14	59	55	E	1	b	3	Yarmouth ...	30.11	61	58	SE	3	b	2
Ardrossan ...	30.08	61	54	NW	3	bc	2	Jersey ...	30.06	73	65	SSE	1	bcg	1
Mullaghmore ...	30.12	61	58	N	4	co	3	Rochefort ...	30.07	71	67	NW	5	c	2
Holyhead ...	30.09	58	54	N	3	b	2								

Pressure is decreasing a little in the SE, but is not changing much elsewhere. The wind remains variable and temperature ranges from 56° in the Shetlands to 74° in London.

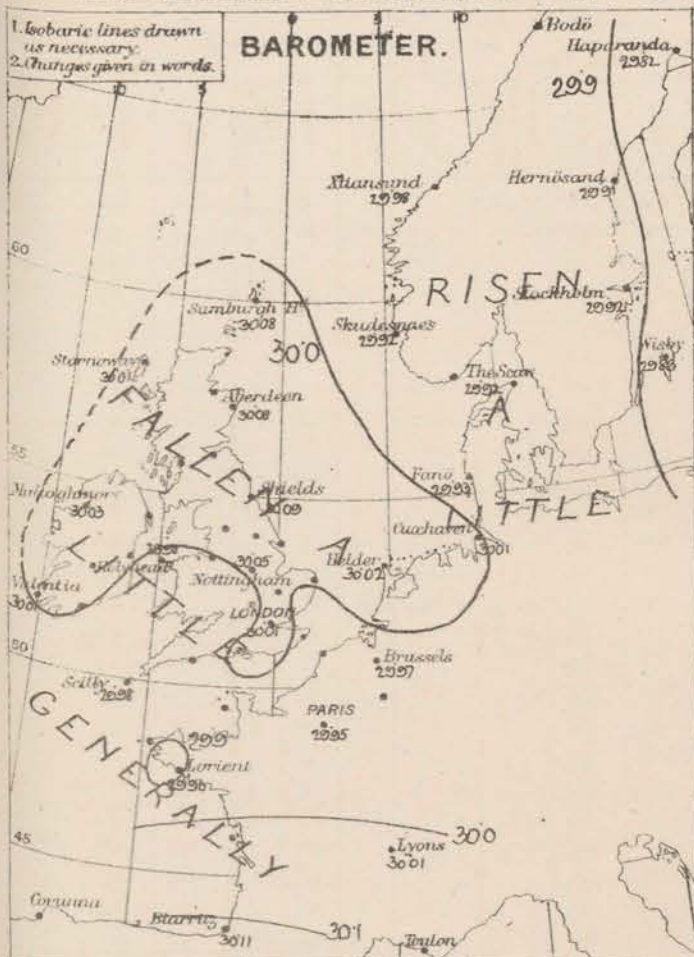
EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (last); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our latitude, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 22nd JULY 1880.

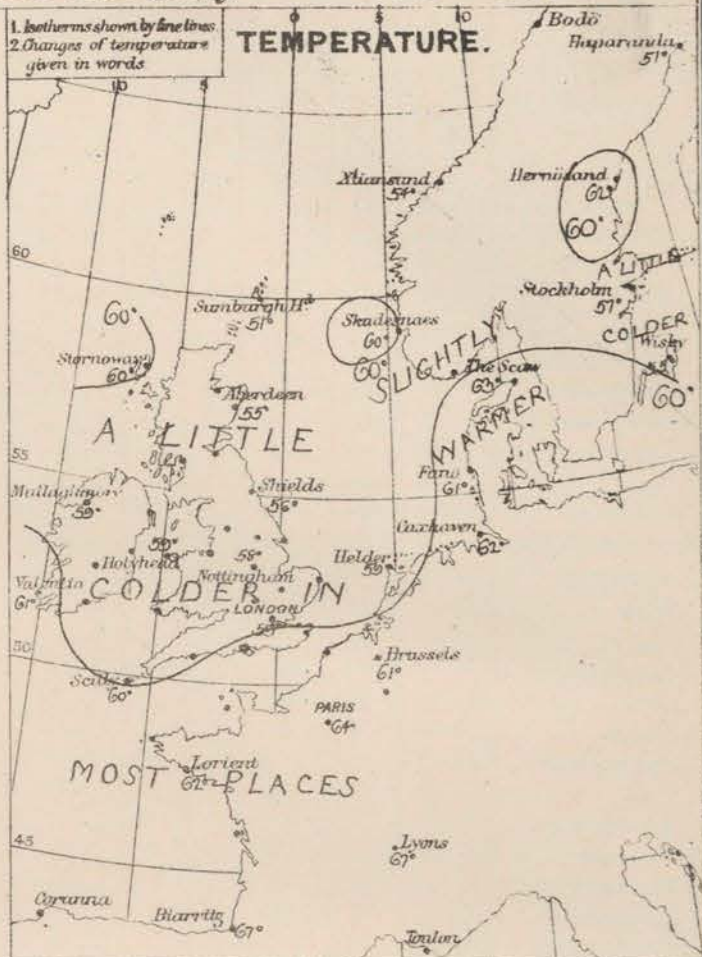
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



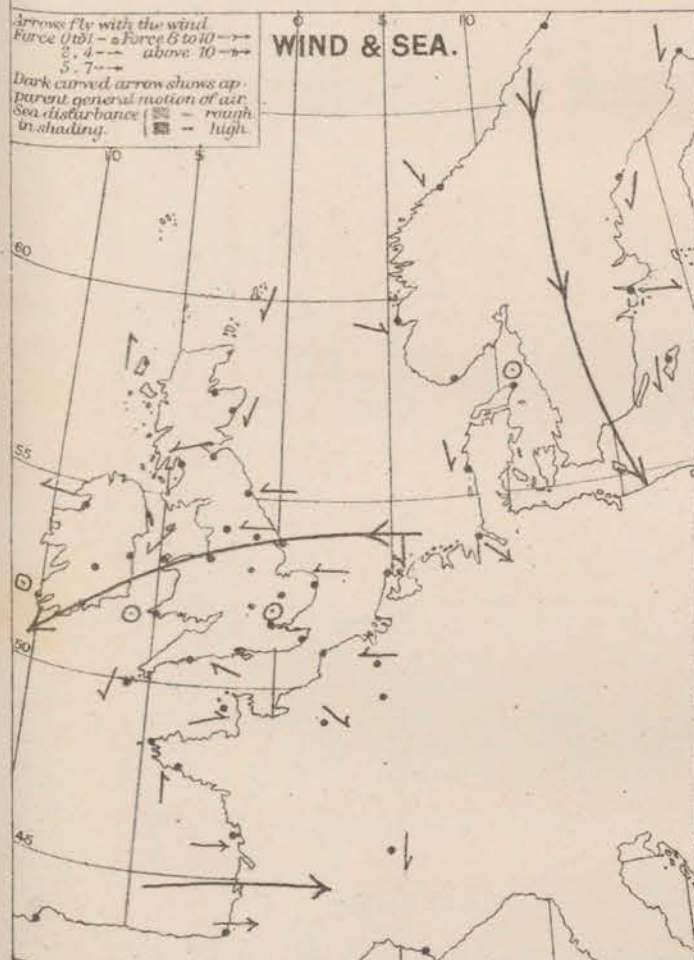
1. Isotherms shown by line lines.
2. Changes of temperature given in words.

TEMPERATURE.



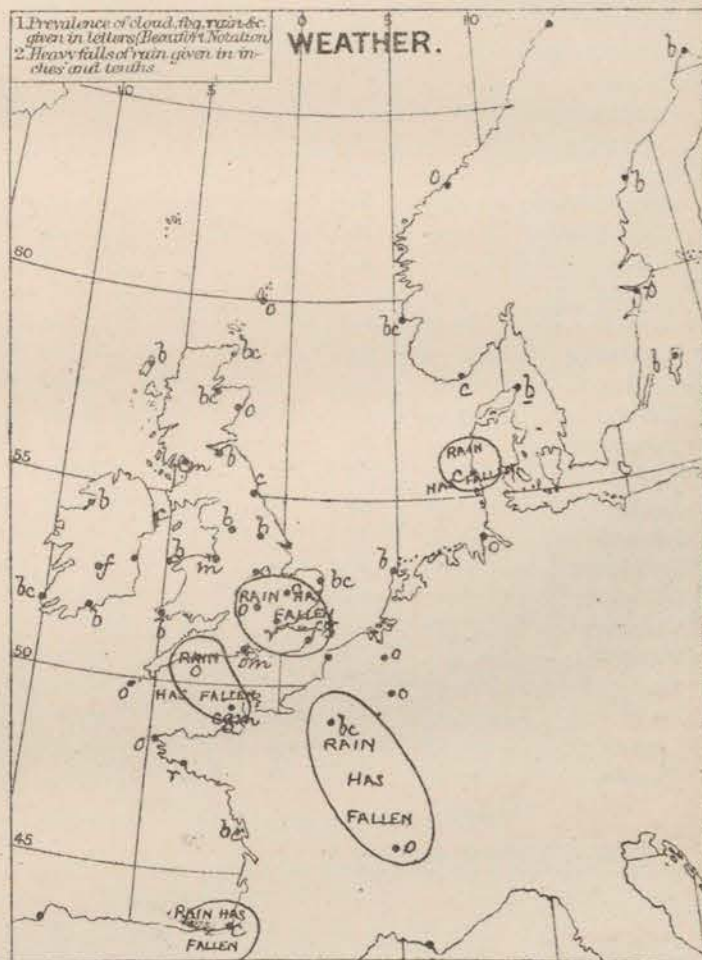
- Arrows fly with the wind.
- Force (1-4) - a Force 5 to 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 - 59 - 60 - 61 - 62 - 63 - 64 - 65 - 66 - 67 - 68 - 69 - 70 - 71 - 72 - 73 - 74 - 75 - 76 - 77 - 78 - 79 - 80 - 81 - 82 - 83 - 84 - 85 - 86 - 87 - 88 - 89 - 90 - 91 - 92 - 93 - 94 - 95 - 96 - 97 - 98 - 99 - 100 - 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108 - 109 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 184 - 185 - 186 - 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WIND & SEA.



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

WEATHER.



REMARKS. The shallow depression which was coming towards Scilly yesterday afternoon now lies over the south west of England and a second small depression lies off our south east coasts but in the northern districts readings are still uniform. The wind of little strength has consequently set in over the greater part of the Kingdom, while in the south the wind is extremely variable. Temperature has decreased in most places, and is now very low for the time of year, the present readings being between 55° and 60° almost all over the country. During yesterday maximum readings were recorded as high as 60° at Nottingham, 77° in London, 76° at Roches Pt., 75° at Jersey, 74° at Cambridge and 70° at Hurst Castle but in the northern districts the values were much lower. Rain has fallen at all our southern stations and continues in various places; thunder has occurred in several localities, and the general appearance is unsettled over all the southern districts. The sea is moderate at Scilly, smooth elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 23rd

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.72	50	N.	2	b.c.	29.67	-15	45	42	-6	N	4	0	*	55	45	-	
Hernösand	29.82	60	WNW	2	b.c.	29.76	-15	58	51	-4	N	4	0	*	73	48	-	
Stockholm	29.82	59	SW	2	0	29.74	-18	62	55	+5	WSW	2	0	*	68	46	-	
Wisby	29.86	57	SW	2	b.c.	29.78	-08	60	57	+5	WNW	2	0	*	63	46	-	
Bodo																		
Christiansund	29.96	52	NW	2	0	29.91	-07	53	47	-1	WNW	1	0	1	55	43	-	
† Skudesnaes	29.86	54	WNW	7	b	29.84	-08	55	51	-5	NW	4	0	3	7	54	-	
Orö (Xiensund)	29.83	63	WSW	4	b	29.80	-12	59	57	+1	NNE	2	0	1	63	54	-	
Skagen (The Skaw)	29.85	58	WSW	2	b	29.79	-13	62	59	-1	N	2	0	0	81	54	-	
Fanö	29.89	57	WNW	2	0	29.89	-04	65	59	+4	NW	4	0	*	64	54	-	
Cuxhaven	29.98	63	NW	3	0	29.95	-06	63	61	+1	N	4	0	*	63	57	-	
† Samburgh Head	30.05	53	WNW	2	0	29.99	-09	52	49	+1	NNE	2	0	1	56	47	-	
† Stornoway	29.94	62	S	1	b	29.85	-16	61	58	+1	SSE	1	m	1	64	53	-	
Wick	30.01	58	SE	3	b.c.	29.93	-15	57	55	+2	NNE	3	0	2	64	52	-	
Nairn	30.01	60	E	4	b	29.92	-15	57	54	+3	Z	*	0	0	62	41	-	
† Aberdeen	30.03	57	SE	1	b	29.97	-11	61	55	+6	S	1	0	1	63	49	-	
Leith	30.00	59	SE	1	b	29.95	-11	57	54	-4	E	1	0	*	64	57	-	
† Shields	30.06	56	E	2	b	30.02	-07	56	54	0	S	2	m	2	60	49	-	
Spurn Head	30.03	56	ENE	1	b.c.	30.01	-03	59	57	0	E	2	0	1	62	53	-	
York	30.02	63	E	1	0	30.01	-03	57	55	-1	SSE	1	0	*	65	48	-	
Nottingham	30.03	63	ESE	2	b	30.01	-04	61	59	+3	ESE	1	0	*	68	54	0.04	
† Ardrossan	29.95	65	SW	1	b	29.91	-11	59	55	0	ENE	2	0	1	70	54	-	
† Mullaghmore	29.92	64	NE	1	b.c.	29.81	-22	58	57	-1	ESE	3	0	2	66	56	0.03	
Donaghadee	29.97	61	SSE	2	b	29.91	-13	59	58	+7	S	3	0	1	62	52	-	
Parsonstown	29.95	68	Z	0	0	29.83	-20	60	59	+9	SSE	3	0	*	69	51	-	
Barrow-in-Furness	29.98	65	ESE	4	0	29.97	-05	59	57	+1	ESE	4	0	4	70	57	-	
† Holyhead	29.96	66	SW	1	b	29.94	-04	60	58	+1	S	3	0	2	69	56	-	
Liverpool (Midland)	29.95	67	SE	2	b	29.96	-04	62	58	+4	SSE	1	0	1	69	57	-	
† Valentia	29.95	61	SSE	5	0	29.81	-20	59	58	+2	SE	3	0	3	67	56	0.74	
Rock's Point	30.03	70	SW	4	b.c.	29.86	-14	60	58	+2	SW	4	0	4	75	55	0.03	
Pembroke	29.99	61	WNW	1	b	29.97	-00	61	58	-1	SWW	1	0	1	66	56	-	
† Scilly	30.03	63	WNW	3	b.c.	29.98	-00	63	60	+3	SW	4	0	4	65	57	-	
Prawle Point	30.00	60	SE	1	m	29.99	+04	57	57	-2	Z	0	0	1	68	57	-	
Hurst Castle	30.00	66	SW	2	b	30.02	+00	57	56	-4	E	1	0	0	69	54	-	
† Dover	29.97	64	NE	3	b	30.01	+05	62	60	+2	E	1	0	0	66	58	0.02	
† London	29.97	69	SE	1	b	30.01	+00	66	59	+7	SW	1	0	*	71	55	0.07	
Oxford	29.99	64	WNW	1	b.c.	30.00	+02	64	59	+4	SW	1	0	*	68	55	0.10	
Cambridge	29.93	63	NE	1	0	30.00	+00	61	59	+3	NE	1	0	*	67	55	0.44	
† Yarmouth	30.02	59	ENE	2	b.c.	30.03	+01	59	57	-1	E	1	0	1	61	53	-	
The Helder	29.99	59	WNW	1	b.c.	29.99	-03	60	58	+1	WNW	2	0	2	63	57	-	
Cape Gris Nez	29.97	62	NE	3	m	30.01	+06	63	61	+3	N	1	0	0	73	57	0.35	
† Jersey	30.01	65	N	2	b	30.05	+07	60	59	-2	E	1	0	1	71	55	0.01	
Brest	30.06	62	WNW	4	b	30.02	+09	60	58	-2	Z	0	0	1	66	50	-	
Lorient	29.97	67	WNW	5	0	30.01	+11	60	55	-2	E	1	m	2	73	55	0.20	
† Rochefort	30.07	67	WSW	7	b	30.06	+02	66	63	0	NW	5	0	2	61	61	0.04	
Biarritz	30.12	64	NW	5	b.c.	30.09	-02	63	59	-4	S	1	0	3	70	59	2.60	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	30.02	+05	60	57	-1	WNW	1	0	*	66	56	-	
Charleville	29.96	60	NE	7	0	30.05	-11	55	52	-4	N	1	0	*	72	51	0.47	
Paris	29.95	71	WNW	1	0	30.05	+10	65	59	+1	NW	3	0	*	*	*	-	
Lyons	29.96	71	NNE	1	0	30.04	+03	67	60	0	N	1	0	*	79	57	-	
Toulon	29.84	62	NW	5	b	29.91	-02	66	60	-16	SSE	7	0	7	72	64	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.77	59	E	1	b	28.74	-07	54	52	+1	ENE	2	0	*	62	48	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.77	59	E	1	b	28.74	-07	54	52	+1	ESE	2	0	*	62	48	-
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

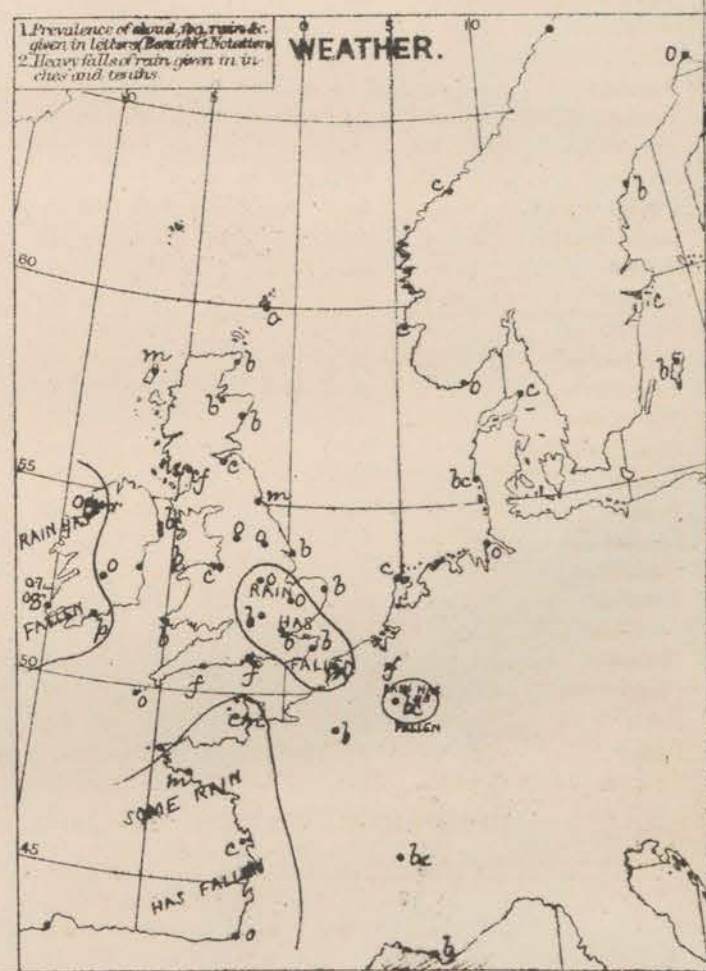
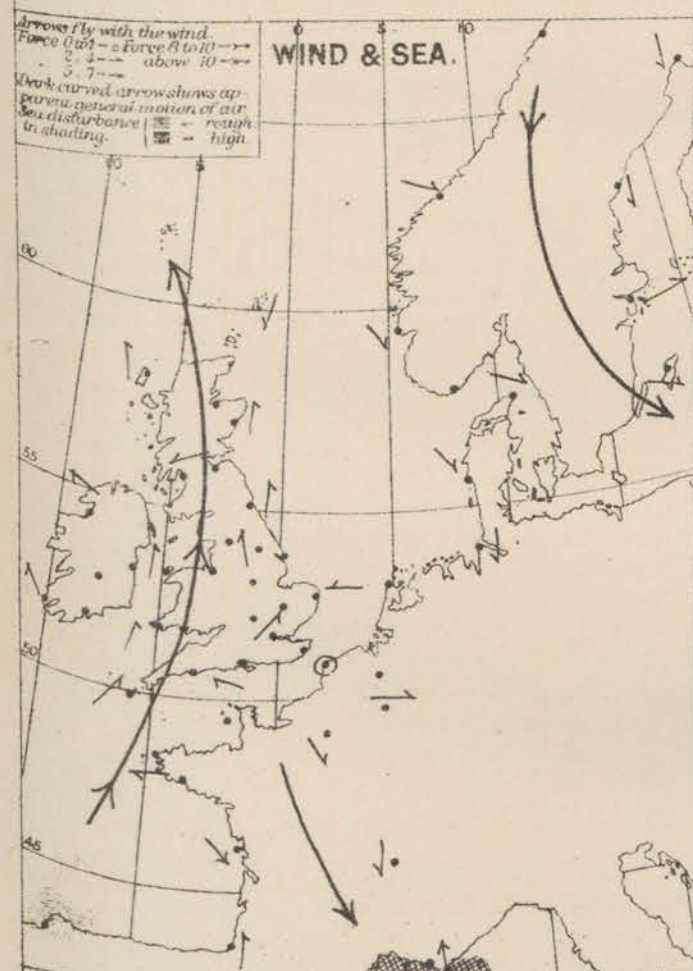
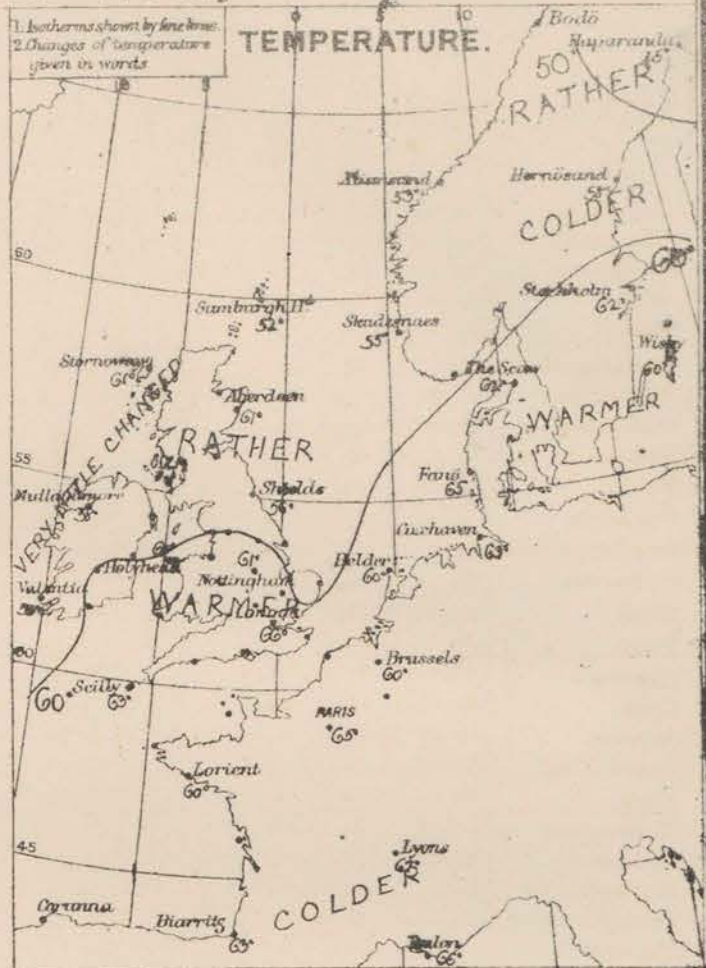
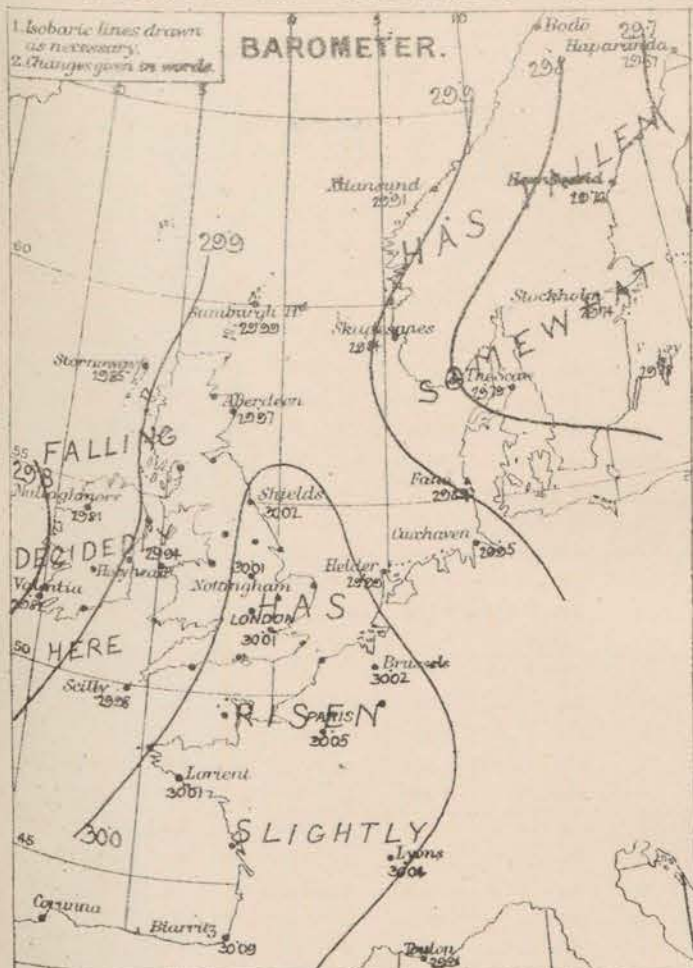
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.89	62	56	NW	6	3	Valentia	30.00	67	58	SW	2	3
Samburgh Head	30.08	53	50	NNE	1	1	Scilly	30.02	63	58	WNW	4	3
Stornoway	29.99	64	60	S	2	2	Dover	29.98	63	59	NNE	2	1
Aberdeen	30.06	60	58	ESE	1	1	London	30.00	66	61	SE	1	*
Shields	30.09	59	54	E	1	3	Yarmouth	30.03	61	58	ESE	3	2
Ardrossan	30.00	63	59	SSW	1	1	Jersey	30.00	67	62	WSW	2	2
Mullaghmore	29.99	62	57	E	3	1	Rochefort	30.04	74	64	N	5	2
Holyhead	29.98	66	62	SW	3	2							

The sky is overcast with showers of rain in the SE. of England, but fine bright weather prevails elsewhere with light variable breezes. Temperature ranges from 53° in the Shetlands to 67° at Valentia.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 23rd JULY 1880.



REMARKS. The shallow depressions noticed over our southern district yesterday have disappeared but while the barometer has risen in those regions, and pressure has become more regularly distributed, a new depression is coming towards Ireland from the Atlantic. Temperature has increased over England and the eastern parts of Ireland and Scotland and now varies from 66° in London to 57° at Mullaghmore, and 57° at Kairn and Wick. The maxima reported yesterday were lower than those on Wednesday, that in London being only 71° and that at Ardrossan 70°. Roche's Point again reports a maximum of 75°. The wind is very light generally; S at our western and southern stations, variable elsewhere. Rain has fallen at several of our most western and south eastern stations - heavily at Valentia. The sky, though clear at present in the south east of England, has an unsettled, hokey appearance again in the west. The sea is moderate in the south west smooth elsewhere.

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R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

July 24th

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.68	49	N	2	0	29.71	+0.4	54	50	+9	N	2	54	45	-				
Hernösand	29.67	54	NE	2	0	29.74	+0.0	48	47	-10	NNE	4	71	?	0.12				
Stockholm	29.69	51	SW	2	0	29.69	-0.5	59	52	-3	NNW	2	68	50	-				
Wisby	29.70	60	NNW	2	0	29.71	-0.7	60	58	0	NW	4	66	50	-				
Bodö	29.77	51	N	2	0	29.78		51	48		NNE	2	54	48	-				
Christiansund	29.89	51	NNE	4	0	29.87	-0.4	53	47	0	ENE	1	55	43	-				
† Skudesnaes	29.80	54	NW	4	0	29.79	-0.5	57	52	+2	NW	4	58	54	-				
Oxö (Xiansund)	29.72	64	SW	4	0	29.76	-0.4	60	54	+1	N	2	66	55	-				
Skagen (The Skaw)	29.76	59	NNW	2	0	29.71	-0.8	60	56	-2	WSW	2	66	50	-				
Fanö	29.91	58	NNW	6	0	29.88	-0.1	59	55	-6	N	5	64	55	-				
Cuxhaven	30.02	61	NW	3	0	29.98	+0.3	63	63	0	WSW	3	63	54	-				
† Sumburgh Head	29.93	55	SE	3	0	29.85	-1.4	55	52	+3	ESE	4	59	50	-				
† Stornoway	29.77	64	SE	1	m	29.73	-1.2	61	58	0	ESE	1	65	55	-				
Wick	29.86	57	S	3	0	29.79	-1.4	59	58	+2	S	1	64	55	-				
Nairn	29.82	67	E	1	0	29.77	-1.5	60	56	+3	S	0	68	55	-				
† Aberdeen	29.90	60	S	2	0	29.80	-1.7	61	58	0	SW	1	64	57	-				
Leith	29.87	64	SE	1	0	29.79	-1.6	59	57	+2	ESE	1	61	54	0.07				
† Shields	29.93	60	SSE	1	0	29.84	-1.8	61	59	+5	WSW	1	63	54	0.09				
Spurn Head	29.93	59	ESE	4	0	29.87	-1.4	64	62	+5	S	1	65	57	-				
York	29.93	64	SSE	1	0	29.86	-1.5	59	58	+2	S	1	65	55	0.51				
Nottingham	29.92	72	SSW	2	0	29.88	-1.3	64	61	+3	SSW	2	79	55	-				
† Ardrossan	29.86	61	S	2	0	29.77	-1.4	58	57	-1	SW	1	69	57	-				
† Mullaghmore	29.78	59	E	1	0	29.77	-0.4	60	57	+2	S	0	62	52	0.63				
Donaghadee	29.85	59	S	4	0	29.80	-1.1	58	58	-1	S	3	65	56	0.02				
Parsonstown	29.79	64	S	3	0	29.79	-0.4	59	57	-1	SE	2	65	49	0.19				
Barrow-in-Furness	29.91	64	N	1	0	29.83	-1.4	61	58	+2	SW	4	69	58	-				
† Holyhead	29.89	61	S	3	0	29.83	-1.1	59	58	-1	SSW	2	66	57	-				
Liverpool (Bliston)	29.89	62	NNE	1	0	29.84	-1.2	60	57	-2	S	2	69	56	0.05				
† Valentia	29.82	64	SW	4	0	29.79	-0.2	60	57	+1	ESE	4	67	54	-				
Roche's Point	29.83	68	SW	4	0	29.80	-0.6	58	57	-2	N	1	74	56	0.26				
Pembroke	29.89	60	S	4	0	29.84	-1.3	58	57	-3	SSW	1	63	56	0.39				
† Scilly	29.94	63	SW	5	0	29.81	-1.7	59	59	-4	S	5	65	57	0.12				
Prawle Point	29.97	61	SSW	2	0	29.89	-1.0	60	59	+3	S	2	67	55	-				
Hurst Castle	30.00	61	WSW	3	0	29.94	-0.8	61	59	+4	SW	2	68	57	-				
† Dover	29.99	63	SW	1	0	29.93	-0.8	63	60	+1	SW	1	68	58	-				
† London	29.97	68	S	2	0	29.94	-0.7	63	59	-3	SSW	2	77	55	-				
Oxford	29.93	64	S	2	0	29.91	-0.9	61	58	-3	S	2	71	56	0.01				
Cambridge	29.94	71	S	1	0	29.89	-1.7	63	60	+2	S	1	74	54	0.01				
† Yarmouth	30.00	61	SSE	3	0	29.91	-1.2	64	62	+5	WSW	2	64	57	-				
The Helder	30.02	60	NNW	1	0	29.93	-0.6	59	57	-1	S	1	64	52	-				
Cape Gris Nez	30.00	66	S	0	m	29.93	-0.8	61	58	-2	N	1	73	57	-				
† Jersey	30.08	66	N	1	0	29.95	-1.0	62	61	+1	SW	2	68	58	-				
Brest	30.01	62	SW	3	0	29.93	-0.9	61	60	+1	SSW	4	68	59	-				
Lorient	30.00	65	WSW	3	0	29.95	-0.6	62	59	+2	WSW	3	70	55	-				
† Rochefort	30.04	72	NNW	4	0	29.98	-0.8	66	63	0	NE	3	75	55	-				
Biarritz	29.97	68	NE	5	0	29.94	-1.5	68	64	+5	WSW	4	72	61	-				
Corunna	*	*	*	*	*	29.96	-0.6	69	60	+9	SSW	1	73	59	-				
Brussels	*	*	*	*	*	30.01	-0.4	63	57	+8	E	1	77	52	-				
Charleville	29.99	72	N	4	0	30.01	-0.4	63	57	+8	E	1	77	52	-				
Paris	30.00	75	N	0	0	29.96	-0.9	72	63	+7	N	0	75	53	-				
Lyons	29.99	74	N	1	0	29.92	-0.2	63	59	-4	N	1	75	53	-				
Toulon	29.91	71	N	8	0	29.99	+0.8	73	63	+7	N	1	73	57	-				

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.69	57	SSE	1	0	28.60	-1.4	56	55	+2	S	4	65	50	0.37				
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.89	62	56	NW	6	0	Valentia	29.82	65	60	SW	3	0
Sumburgh Head	29.97	55	51	SE	3	0	Scilly	29.97	63	60	S	4	0
Stornoway	29.81	64	61	SSE	1	m	Dover	30.02	67	63	SW	1	0
Aberdeen	29.95	63	57	S	2	0	London	29.99	74	61	S	2	0
Shields	29.99	62	57	SSE	3	0	Yarmouth	30.03	62	58	SSE	2	0
Ardrossan	29.88	61	55	S	1	0	Jersey	30.06	67	61	SW	2	0
Mullaghmore	29.77	61	60	SW	3	0	Rochefort	30.08	73	66	NNW	4	0
Holyhead	29.94	66	61	S	3	0							

Pressure is decreasing a little generally and light S^W breezes prevail on all coasts, with fine weather in the E, but a good deal of cloud in the W. Temperature ranges from 55° in the Shetlands to 74° in London.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. drk. gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 8 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

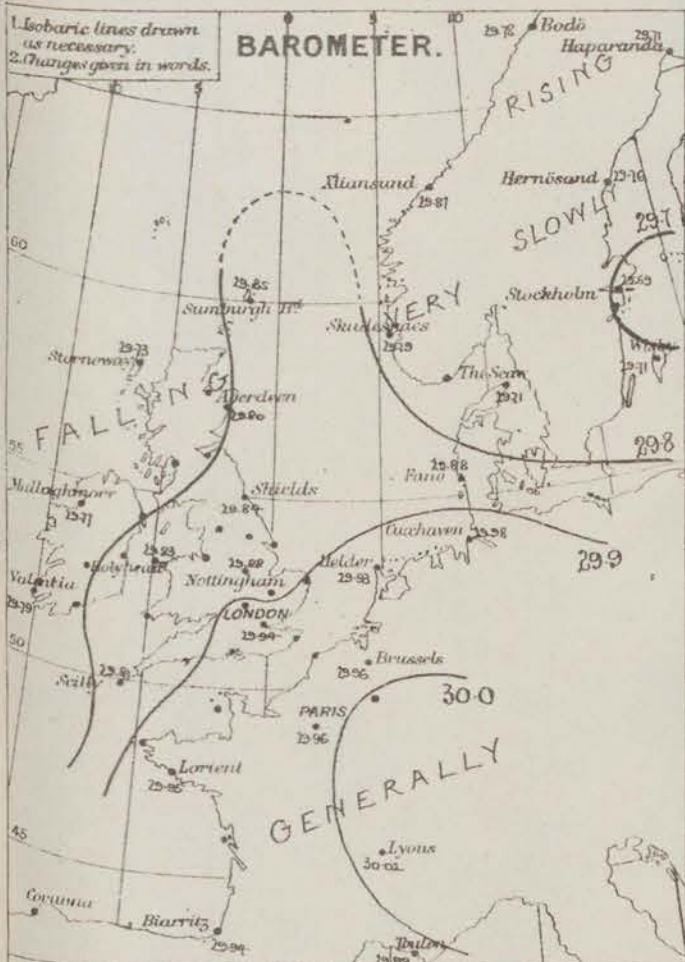
† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Saturday 24th JULY. 1880.

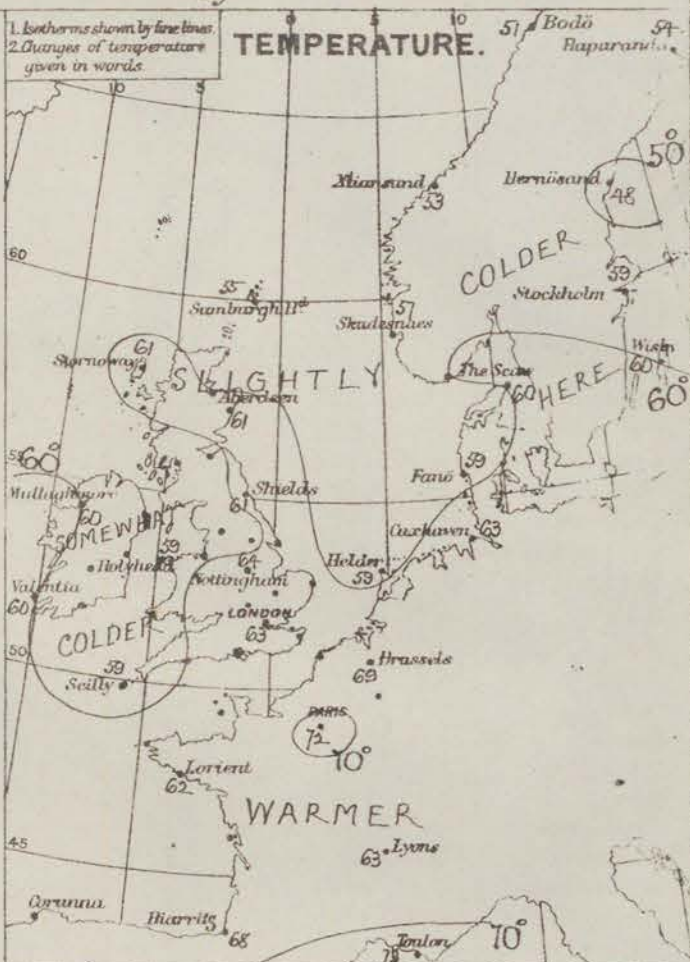
1. Isobaric lines drawn as necessary.
2. Things given in words.

BAROMETER.



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

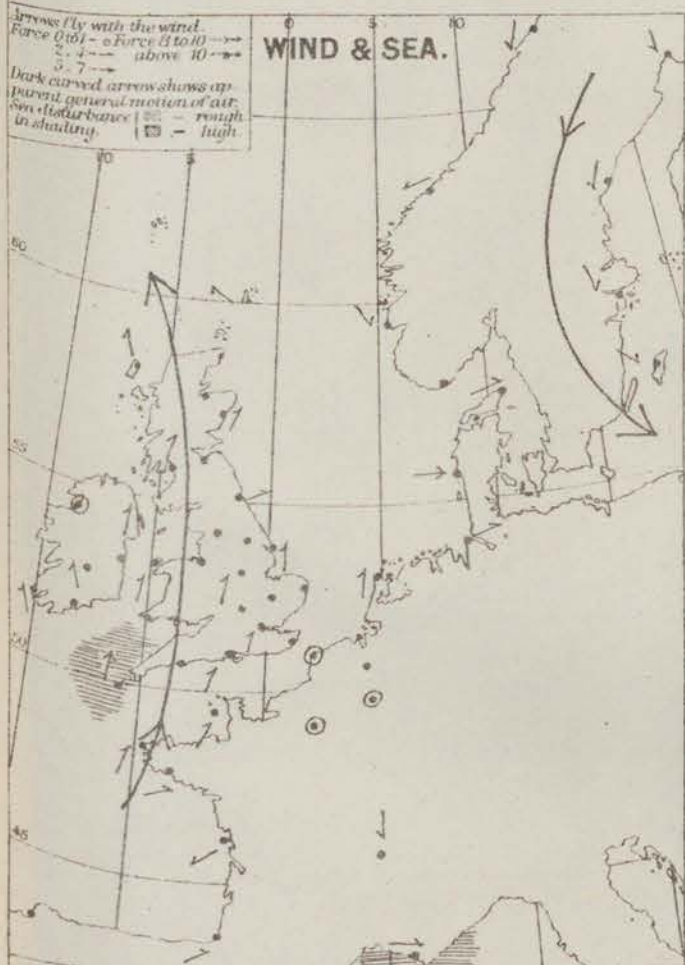
TEMPERATURE.



Arrows fly with the wind.
Force 0 to 10: 0 to 10
Force 11 to 20: 11 to 20
Force 21 to 30: 21 to 30
Force 31 to 40: 31 to 40
Force 41 to 50: 41 to 50
Force 51 to 60: 51 to 60
Force 61 to 70: 61 to 70
Force 71 to 80: 71 to 80
Force 81 to 90: 81 to 90
Force 91 to 100: 91 to 100

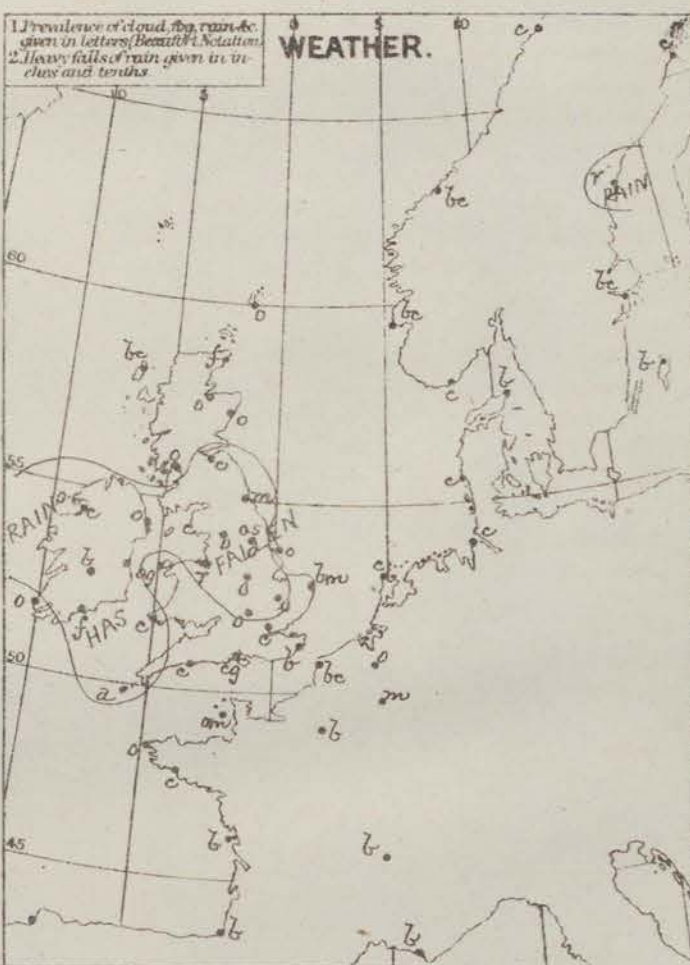
Dark curved arrows show apparent general motion of air.
Sea disturbances: rough in shading, high in solid.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters; beautiful notation.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. Since yesterday pressure has decreased in all parts of N^o Europe, but the change has been moderately uniform and the general distribution of pressure has not altered much. An area of high pressure lies over France with an arm of high readings stretching N^o over the North Sea, while comparatively low readings lie off our N^o coast and over Scandinavia. In consequence, while variable breezes prevail over France, light S^o winds are reported over the British Isles, and N^o winds over Norway and Sweden. At Scilly the wind is freshening, but in all other places it is light or moderate. Temperature has fallen at most of our N^o stations, but risen elsewhere, and readings at present range from 55 in the Shetlands to 72 in the S^o. The weather is fine over S^o and E^o France, and on the eastern SE. coast of England, but is cloudy or dull in all other districts, rain is falling at Scilly and Liverpool. Some rain fell yesterday on our N^o coast and in the E. of England, heavily at York and Doncaster. Sea is rough at Scilly and in the Gulf of Lyons. A lunar halo was seen in London last night.

Subscription for these Charts payable in advance to the Meteorological Office, 116, Victoria Street, Westminster, S.W. Delivery by hand 10/- per quarter, book post 5/-.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 25TH

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.64	47	N	2	0	29.62	-0.09	52	49	-2	NE	4	0	*	57	43	-			
Hernösand	29.76	52	2	0	bc	29.65	-0.11	57	51	+9	N	4	c	*	63	45	-			
Stockholm	29.74	55	NNE	2	0	29.72	+0.03	62	55	+3	N	2	bc	*	62	50	-			
Wisby	29.71	61	N	4	c	29.73	+0.02	61	56	+1	N	2	b	*	68	55	-			
Bodö	29.65	51	NE	2	0	29.71	-0.07	50	43	-1	NE	2	c	1	54	46	0.04			
Christiansund	29.80	52	NE	3	b	29.75	-0.12	54	48	+1	NNE	2	bc	2	55	43	-			
† Skudesnaes	29.77	56	NW	2	c	29.73	-0.06	57	53	0	NNW	2	0	2	59	55	-			
Oxö (Xtiansand)	29.73	61	SW	4	c	29.71	-0.05	60	51	0	WSW	4	c	2	64	55	-			
Skagen (The Skaw)	29.78	58	WSW	2	b	29.74	+0.03	62	57	+2	N	4	c	1	73	54	-			
Fanö	29.84	58	2	0	c	29.80	-0.08	63	62	+9	WSW	3	b	*	68	55	-			
Cuxhaven	29.95	66	SE	1	b	29.89	-0.09	63	67	+5	N	1	b	*	68	59	0.08			
† Sumburgh Head	29.80	54	ESE	4	0	29.79	-0.06	54	52	-1	E	2	0	4	59	50	0.05			
† Stornoway	29.72	61	SE	3	0	29.75	+0.02	61	59	0	SE	1	b	1	68	53	-			
Wick	29.73	58	S	2	2	29.76	-0.03	59	57	0	NW	2	0	0	65	55	0.09			
Nairn	29.72	61	2	0	0	29.79	+0.02	59	56	-1	2	0	b	0	66	40	0.70			
† Aberdeen	29.74	62	S	1	0	29.77	-0.03	66	59	+5	2	0	b	1	69	49	0.01			
Leith	29.75	61	SW	1	bc	29.80	+0.01	59	56	0	WSW	1	0	*	66	50	0.39			
† Shields	?	64	2	0	2	?	?	61	57	0	N	2	b	0	66	52	0.10			
Spurn Head	29.81	64	SSW	2	c	29.86	-0.01	61	59	-3	WSW	2	bc	2	70	56	-			
York	29.82	60	N	1	0	29.85	-0.01	61	59	+2	N	1	b	*	64	53	0.17			
Nottingham	29.81	69	SSW	2	c	29.90	+0.02	67	62	+3	SSE	3	bc	*	73	50	0.04			
† Ardrossan	29.74	63	SW	2	bc	29.81	+0.04	58	55	0	SW	1	0	1	65	55	-			
† Mullaghmore	29.71	63	N	2	bc	29.77	-0.06	62	58	+2	ESE	3	c	2	65	50	0.34			
Donaghadee	29.76	61	SSE	2	0	29.83	+0.03	60	58	+2	E	2	b	0	64	50	0.01			
Parsonstown	29.77	60	2	0	2	29.80	+0.01	61	58	+2	SSE	1	c	*	70	51	0.09			
Barrow-in-Furness	29.79	60	SSW	2	bc	29.85	+0.02	59	57	-2	SW	3	0	4	62	55	0.25			
† Holyhead	29.79	64	SSW	2	0	29.85	+0.02	60	59	+1	SSW	2	c	1	65	55	0.27			
Liverpool (Blisdon)	29.79	60	S	1	c	29.87	+0.03	64	58	+4	E	1	bc	1	64	56	0.31			
† Valentia	29.77	62	SSW	4	c	29.74	-0.05	62	59	+2	SSE	5	0	5	67	57	-			
Roche's Point	29.80	66	SW	4	bc	29.79	-0.01	63	60	+5	SW	4	2	4	74	58	0.02			
Pembroke	29.83	60	N	3	b	29.87	+0.03	60	59	+2	S	3	bc	3	62	57	0.11			
† Scilly	29.90	64	SW	4	bc	29.89	+0.08	62	59	+3	SSW	4	0	4	68	58	0.01			
Prawle Point	29.89	61	WSW	4	b	29.93	+0.04	60	59	0	S	2	b	2	63	56	-			
Hurst Castle	29.90	61	WSW	5	c	29.97	+0.03	63	60	+2	N	2	bc	2	68	56	-			
† Dover	29.88	65	SW	2	2	29.95	+0.02	64	59	+1	N	3	b	2	70	57	-			
† London	29.83	63	SW	2	bc	29.94	+0.06	66	61	+3	N	2	b	*	75	61	-			
Oxford	29.84	61	S	1	b	29.93	+0.02	62	59	+1	N	1	b	*	69	52	0.01			
Cambridge	29.81	63	SW	1	c	29.93	+0.04	63	59	0	N	1	b	*	72	52	0.03			
† Yarmouth	29.85	66	SSE	2	bc	29.90	-0.01	63	59	-1	N	3	b	1	73	54	0.02			
The Helder	29.88	64	SW	1	bc	29.86	-0.07	63	62	+4	SW	3	b	1	70	55	-			
Cape Gris Nez	29.88	65	SSW	3	bc	29.96	+0.03	60	58	-1	WSW	4	bc	3	60	67	-			
† Jersey	29.98	61	N	2	c	30.01	+0.06	62	60	0	SE	1	2	1	67	54	0.01			
Brest	30.01	64	N	3	0	29.97	+0.04	60	59	-1	S	3	0	3	68	50	-			
Lorient	29.97	63	WSW	3	c	29.96	+0.01	58	57	-4	E	3	c	1	72	55	-			
† Rochefort	29.98	64	NW	7	bc	30.01	+0.03	64	61	-2	ENE	1	0	1	?	57	-			
Biarritz	30.02	69	NW	3	bc	29.96	+0.02	66	63	-2	ESE	4	bc	3	73	61	-			
Corunna	*	*	*	*	*	29.96	-0.01	67	*	*	E	1	0	1	*	*	*			
Brussels	*	*	*	*	*	29.95	-0.01	63	59	-6	WSW	3	c	*	78	59	*			
Charleville	29.98	65	SSE	4	c	29.98	-0.03	65	58	+2	SSE	1	c	*	82	56	-			
Paris	29.92	79	SW	4	b	30.01	+0.05	69	63	-3	2	0	c	*	*	*	-			
Lyons	29.92	77	SE	1	b	29.99	-0.03	73	68	+10	SSE	1	b	*	87	58	-			
Toulon	30.01	73	N	3	b	30.06	+0.07	72	64	-1	NE	1	b	1	84	68	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.58	55	SSW	1	0	28.63	+0.03	55	54	-1	N	3	0	*	59	48	0.08			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,125 ft.) above M.S.L.

Hawes Junction	28.58	55	SSW	1	0	28.63	+0.03	58	54	-1	N	3	0	*	59	48	0.08		
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.79	59	54	WSW	5	2	Valentia ...	29.77	65	60	SSW	4	bc	4
Sumburgh Head	29.84	54	58	ESE	4	5	Scilly ...	29.96	65	61	W	4	bc	4
Stornoway ...	29.72	64	60	SSE	4	3	Dover ...	29.91	64	62	SW	1	bc	0
Aberdeen ...	29.77	64	58	WSW	2	1	London ...	29.87	70	63	S	2	c	*
Shields ...	29.79	65	61	WSW	3	2	Yarmouth ...	29.89	72	61	SW	2	b	1
Ardrossan ...	29.76	64	60	SW	1	1	Jersey ...	29.96	65	61	SW	1	cm	1
Mullaghmore ...	29.75	61	58	NNE	2	1	Rochefort ...	29.97	76	67	N	1	e	1
Holyhead ...	29.80	59	58	SSW	1	0								

Pressure is decreasing except in the SW. and light breezes between 9. and 11. prevail, with fair bright weather in most places, but thunder in north Ireland and rain at Holyhead and in the Shetlands.

EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (overcast); p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

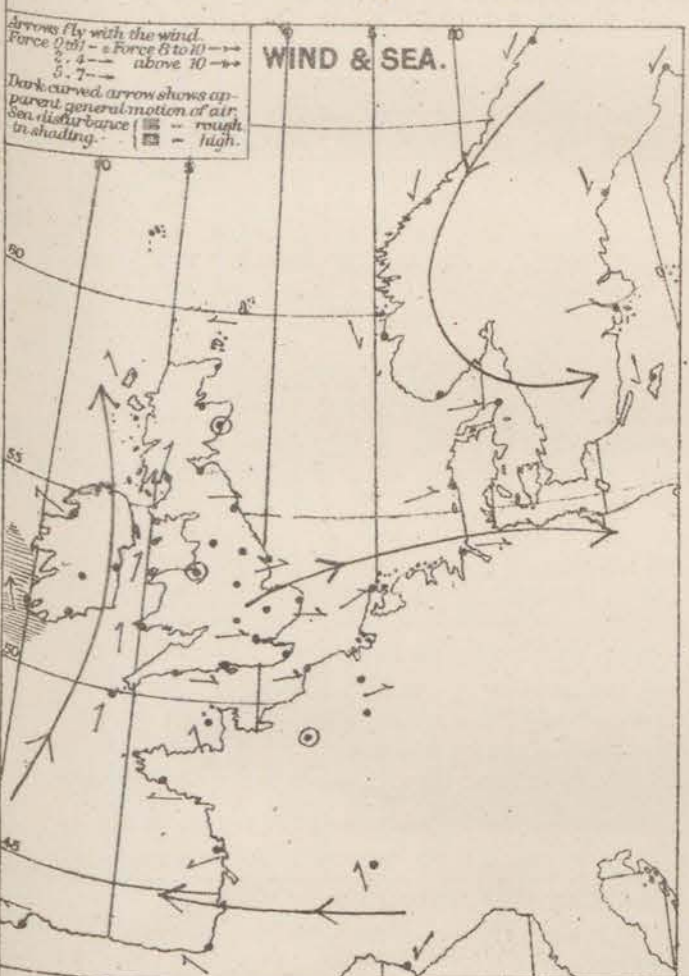
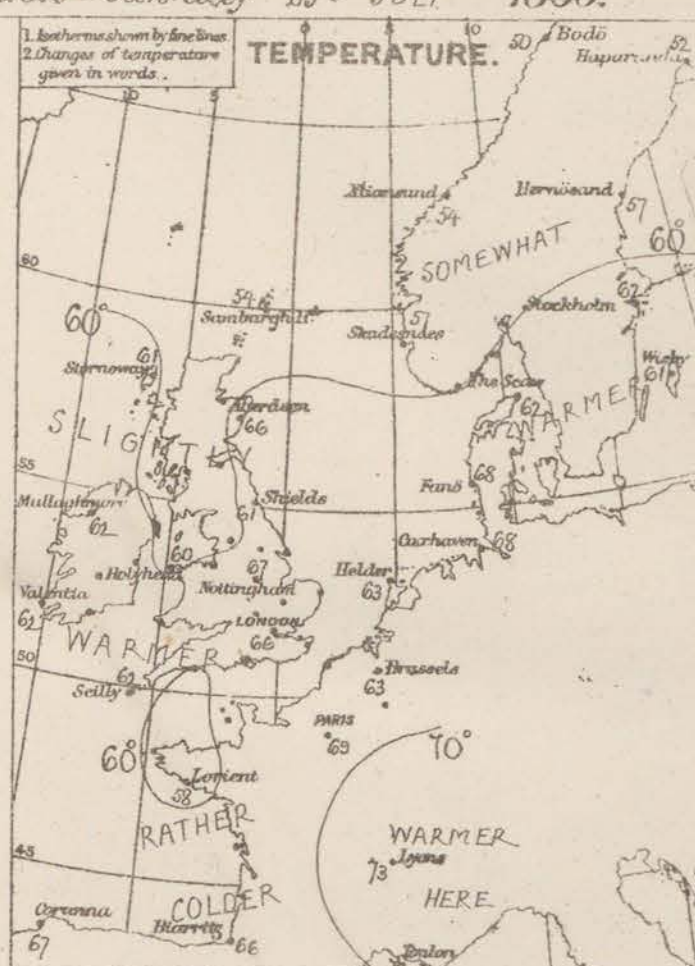
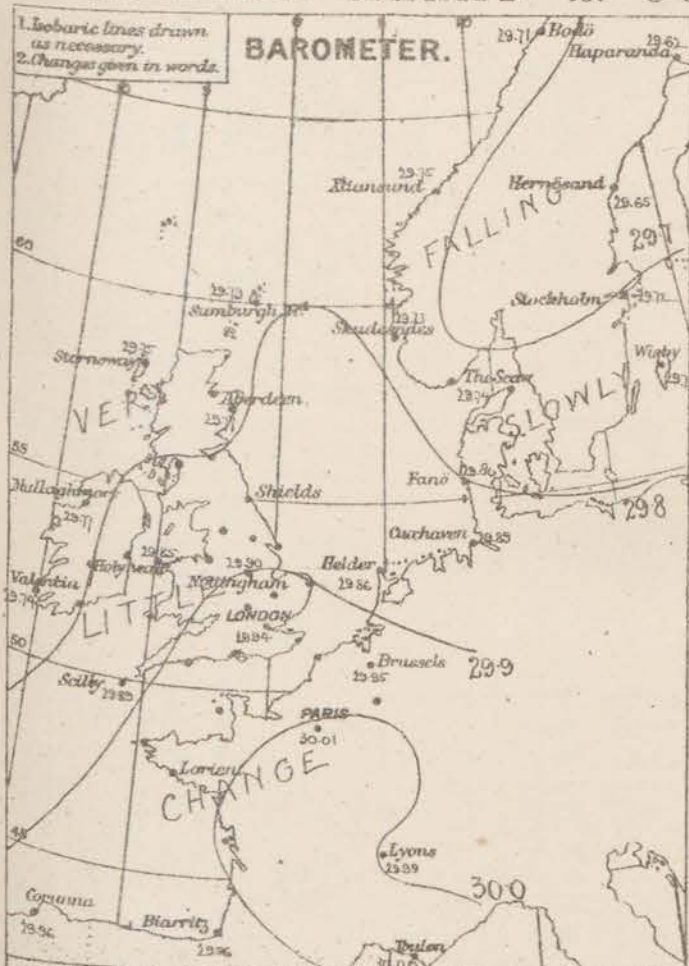
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Sunday 25th JULY 1880.



REMARKS. Weather is fine this morning over nearly the whole of England, but is cloudy or overcast in Wales, Ireland and the W. of Scotland. There is no rain falling this morning in any part of the United Kingdom, but during the past 24 hours some has fallen on all but our E. coast. The wind is W., and very light in force at our more Central and E. stations, but ^{has backed} to the S. in the W. of England, and to the S.E. in Ireland. At Valentia it is fresh in force, and at Cork and S. Ill. moderate. Temperature has changed very little generally, but the tendency except in the E. is to rise a little. Readings at present range from 54° in the Shetlands to 64° at Dover, and 63° at Rock Point. The maxima yesterday were a little above 70° in the S.E. and Central parts of England and, between 65° and 70° in most other parts of our Islands. Sea is slight or smooth except at Valentia.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

JULY 26TH

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.65	40	NE	2	b	29.64	+0.2	55	48	+3	SSE	2	b	*	55	39	0.24		
Hernösand	29.71	50	L	0	b	29.65	00	54	50	-3	N	4	c	*	59	46	0.12		
Stockholm	29.60	55	WNW	2	2	29.62	-10	58	53	-4	WNW	2	0	*	70	50	0.32		
Wisby	29.65	63	N	6	b	29.62	-11	61	58	0	NNE	2	b	*	72	50	-		
Bodö	29.67	52	N	2	c	29.66	-05	57	50	+7	NE	2	b	1	57	45	-		
Christiansund	29.76	53	NNE	2	0	29.71	-04	51	49	-3	NNE	1	†	1	55	?	0.04		
† Skudesnaes	29.71	56	NW	4	0	29.70	-03	55	51	-2	NW	4	0	2	61	55	-		
Öxö (Xusnaund)	29.65	62	SW	1	b	29.65	-06	61	54	+1	N	1	c	1	64	55	-		
Skagen (The Skaw)	29.65	61	N	5	b	29.60	-14	63	59	+1	N	5	b	2	68	55	-		
Fanö	29.81	61	N	4	c	29.76	-04	65	59	-3	N	2	c	*	68	57	-		
Cuxhaven																			
† Sumburgh Head	29.82	54	NE	3	0	29.83	+04	53	48	-1	NE	3	0	3	67	48	-		
† Stornoway	29.77	61	NE	1	b	29.70	-05	59	57	-2	ESE	4	b	3	68	51	-		
Wick	29.80	60	NE	3	b	29.78	+02	55	53	-4	E	2	0	1	63	52	0.03		
Nairn	29.79	61	E NE	1	b	29.73	00	56	53	-3	E NE	1	c	1	69	53	-		
† Aberdeen	29.79	64	L	0	c	29.76	-01	58	56	-8	NE	2	0	1	70	54	0.06		
Leith	29.78	64	WSW	1	b	29.70	-18	58	57	-1	E	1	0	*	75	50	-		
† Shields	?	64	S	1	b	29.70	?	59	59	-2	L	0	2	0	68	54	0.40		
Spurn Head	29.85	69	L	0	b	29.65	-21	59	58	-2	ESE	3	02	3	71	57	-		
York	29.84	68	SW	1	c	29.65	-20	62	60	+1	E	1	2	*	72	58	0.04		
Nottingham	29.83	72	SW	3	c	29.61	-29	58	58	-9	SE	2	2	*	79	57	0.24		
† Ardrossan	29.78	66	SW	1	b	29.64	-17	61	57	+3	E NE	3	24	2	67	53	-		
† Mullaghmore	29.69	67	L	0	0	29.59	-18	59	57	-3	E	4	09m	3	70	58	0.12		
Donaghadee	29.73	58	SSW	4	c	29.62	-21	56	56	-4	ESE	4	c	2	62	53	0.03		
Parsonstown	29.72	67	SSW	2	b	29.50	-30	56	55	-5	NNE	2	2	*	72	55	0.28		
Barrow-in-Furness	29.85	65	SW	1	b	29.63	-24	61	59	+2	NE	2	dg	3	68	58	0.03		
† Holyhead	29.82	66	SSW	3	b	29.53	-32	58	58	-2	E	3	2	2	66	58	0.27		
Liverpool (Bilston)	29.81	65	NNE	1	c	29.56	-31	57	57	-7	E	3	2	2	69	57	0.24		
† Valentia	29.65	62	SE	4	c	29.52	-22	61	58	-1	NNE	3	b	2	66	57	-		
Roche's Point	29.69	63	SSE	4	0	29.45	-34	59	58	-4	NW	5	2	4	75	57	0.36		
Pembroke	29.79	60	ESE	3	0	29.46	-41	60	59	0	SE	3	c	2	64	56	0.25		
† Scilly	29.71	59	ESE	5	2	29.43	-46	61	61	-1	WSW	3	0	6	64	58	1.30		
Prawle Point	29.82	57	E	3	2	29.50	-43	60	60	0	SSE	4	0	5	65	55	0.44		
Hurst Castle	29.90	61	SSW	2	c	29.54	-43	63	61	0	SW	4	c	3	65	59	0.56		
† Dover	29.89	63	SW	2	b	29.64	-31	62	61	-2	WSW	3	0d	3	68	60	0.37		
† London	29.88	70	SW	2	b	29.61	-32	62	61	-4	SSW	1	2	*	77	57	0.40		
Oxford	29.82	64	S	1	0	29.57	-26	60	60	-2	SSE	1	0	*	72	56	0.24		
Cambridge	29.86	70	SW	1	c	29.62	-31	60	60	-3	SE	1	0	*	76	56	0.40		
† Yarmouth	29.89	67	SSW	2	b	29.68	-22	58	57	-5	SE	5	02	3	69	57	0.38		
The Helder	29.89	61	WSW	1	c	29.77	-09	61	59	-2	SE	1	0	1	64	52	-		
Cape Gris Nez	29.92	65	WSW	1	b	29.69	-27	64	62	+4	S	4	2	3	68	59	0.08		
† Jersey	29.88	68	L	0	0	29.63	-38	63	62	+1	S	4	0pu	3	69	60	5.59		
Brest	29.77	62	SSW	7	0	29.87	-40	60	59	0	SSW	5	0	5	68	57	0.24		
Lorient																			
† Rochefort	29.88	74	NW	1	c	29.82	-19	68	64	+4	SW	1	2	0	81	63	-		
Biarritz	29.82	84	E	4	c	29.85	-11	78	66	+12	N	7	6v	3	90	63	-		
Corunna																			
Brussels						29.72	-23	65	60	+2	E	1	0	*	76	60	0.04		
Charleville	29.90	75	NW	1	b	29.75	-23	67	62	+2	E	1	0	*	82	63	-		
Paris	29.90	75	ESE	3	b	29.72	-29	66	63	+5	N	4	2	*			0.32		
Lyons	29.85	80	S	1	c	29.86	-13	73	64	0	SE	1	b	*	90	60	-		
Toulon	30.02	76	SE	1	b	30.00	-06	70	68	-2	E	4	m	2	84	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.63	63	N	2	b	28.43	-20	57	56	+2	E	2	2	*	65	53	0.06		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.63	63	N	2	b	28.43	-20	57	56	+2	E	2	2	65	53	0.06			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.64	60	55	NW	4	0	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort						
Holyhead													

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

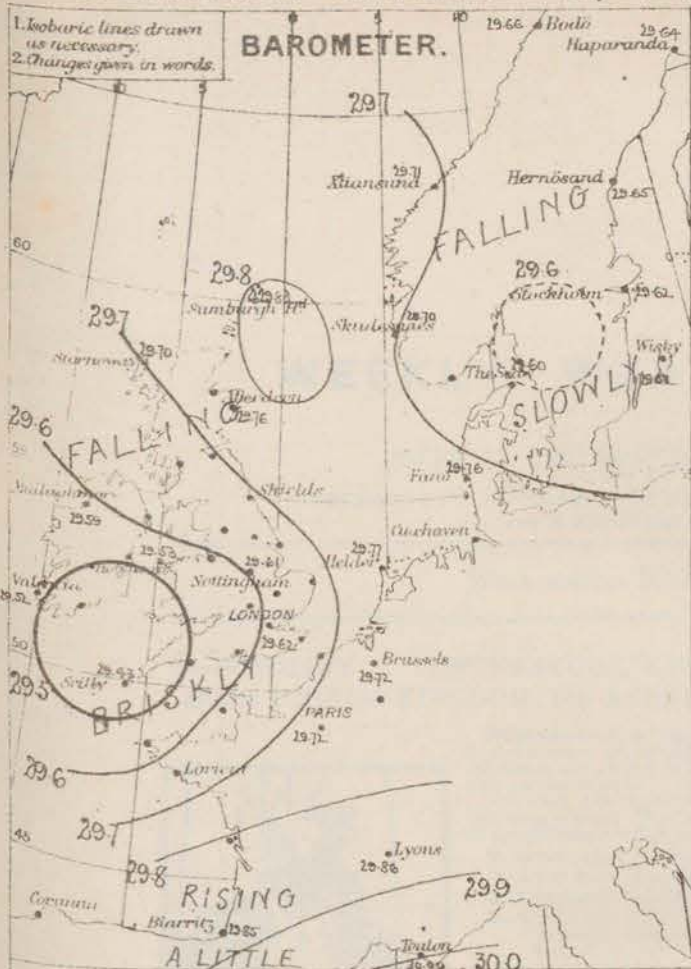
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Monday 26th JULY 1880.

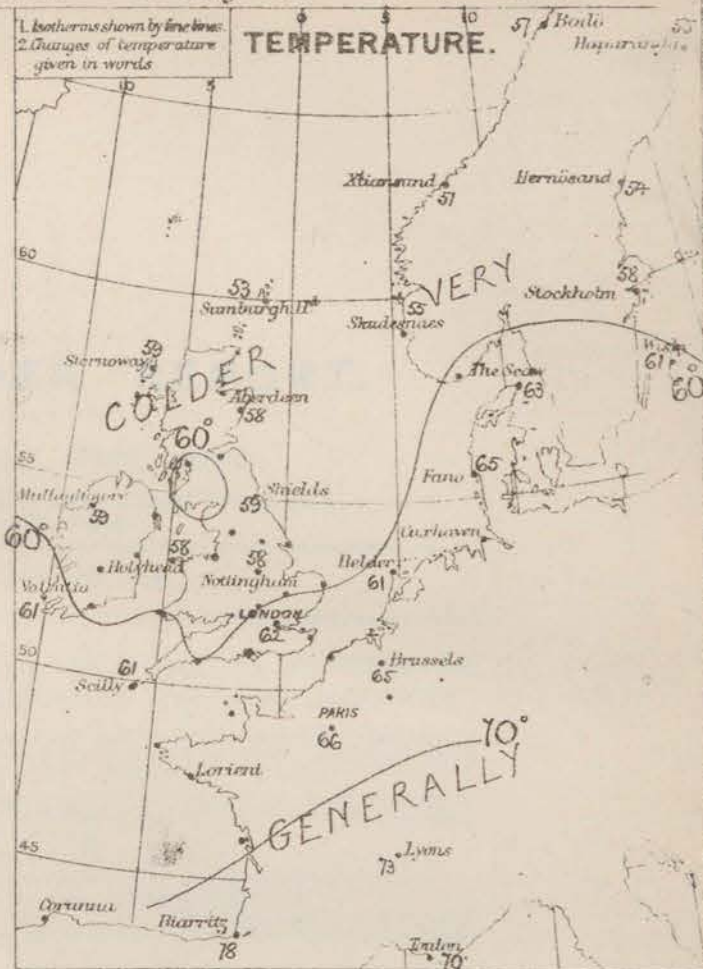
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



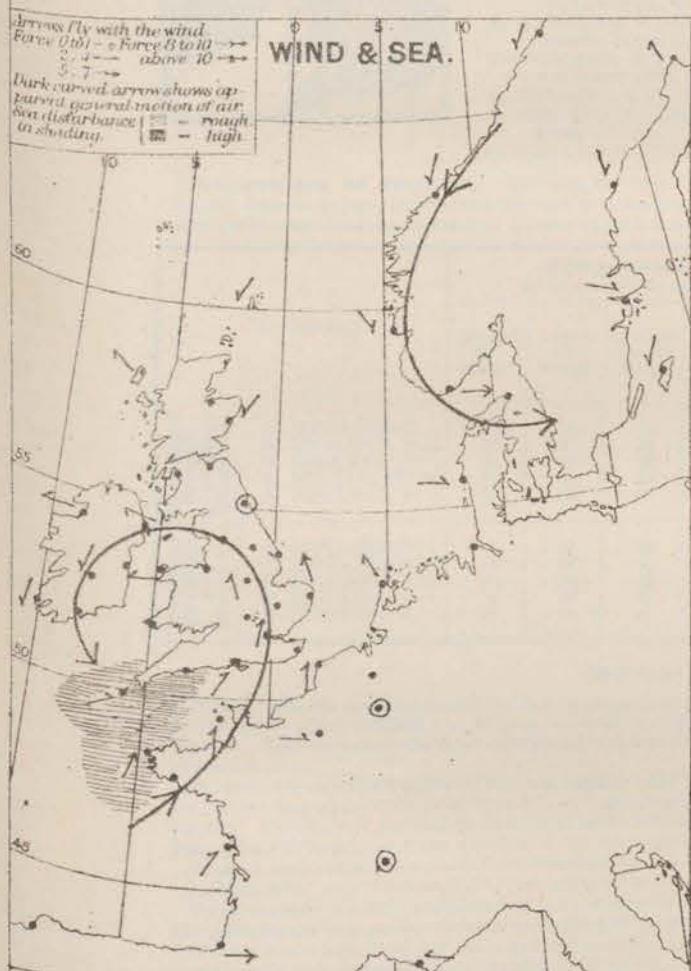
1. Isotherms shown by lines.
2. Changes of temperature given in words.

TEMPERATURE.



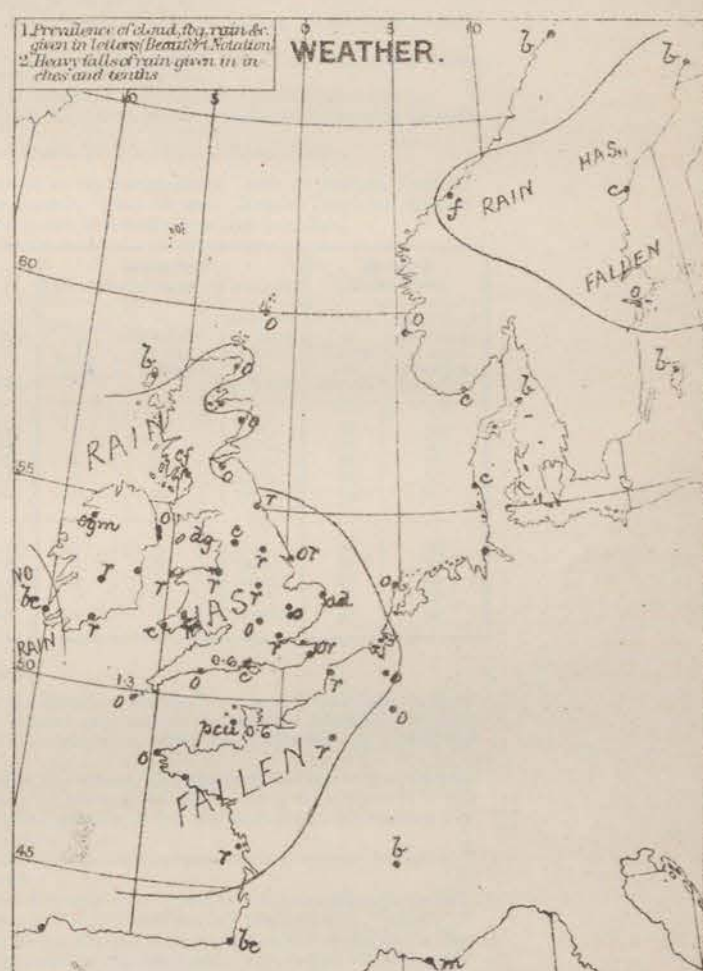
Arrows fly with the wind.
Force 0 to 10
Force 11 to 20
Force 21 to 30
Force 31 to 40
Force 41 to 50
Force 51 to 60
Force 61 to 70
Force 71 to 80
Force 81 to 90
Force 91 to 100
Force 101 to 110
Force 111 to 120
Force 121 to 130
Force 131 to 140
Force 141 to 150
Force 151 to 160
Force 161 to 170
Force 171 to 180
Force 181 to 190
Force 191 to 200
Force 201 to 210
Force 211 to 220
Force 221 to 230
Force 231 to 240
Force 241 to 250
Force 251 to 260
Force 261 to 270
Force 271 to 280
Force 281 to 290
Force 291 to 300
Force 301 to 310
Force 311 to 320
Force 321 to 330
Force 331 to 340
Force 341 to 350
Force 351 to 360
Force 361 to 370
Force 371 to 380
Force 381 to 390
Force 391 to 400
Force 401 to 410
Force 411 to 420
Force 421 to 430
Force 431 to 440
Force 441 to 450
Force 451 to 460
Force 461 to 470
Force 471 to 480
Force 481 to 490
Force 491 to 500
Force 501 to 510
Force 511 to 520
Force 521 to 530
Force 531 to 540
Force 541 to 550
Force 551 to 560
Force 561 to 570
Force 571 to 580
Force 581 to 590
Force 591 to 600
Force 601 to 610
Force 611 to 620
Force 621 to 630
Force 631 to 640
Force 641 to 650
Force 651 to 660
Force 661 to 670
Force 671 to 680
Force 681 to 690
Force 691 to 700
Force 701 to 710
Force 711 to 720
Force 721 to 730
Force 731 to 740
Force 741 to 750
Force 751 to 760
Force 761 to 770
Force 771 to 780
Force 781 to 790
Force 791 to 800
Force 801 to 810
Force 811 to 820
Force 821 to 830
Force 831 to 840
Force 841 to 850
Force 851 to 860
Force 861 to 870
Force 871 to 880
Force 881 to 890
Force 891 to 900
Force 901 to 910
Force 911 to 920
Force 921 to 930
Force 931 to 940
Force 941 to 950
Force 951 to 960
Force 961 to 970
Force 971 to 980
Force 981 to 990
Force 991 to 1000

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (see notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. A large depression has advanced from the NW to our SW coasts, and the barometer is falling over the whole of these Islands, the change in the SW amounting to nearly half an inch. At the same time a large area of comparatively low pressure lies over Scandinavia. Readings continue highest over France, but the area of high readings lately noticed still stretches N^o over the North Sea. The wind over these Islands and their neighbourhood circulates round the depression in the SW, blowing from SW over the Channel, from S in the SE of England, from E over all the mass N^o part of the Kingdom, and from N in the S of Ireland. It blows freshly at a few stations, but is generally light or moderate. Temperature has fallen in most places, and readings range from 53° in the Shetlands and the Orkney Islands to 63° at Hurst Castle. The weather is dull at nearly all our stations, and heavy rain has fallen and continues over the S^o counties. The sea is moderate or slight except at the entrance to the Channel.

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

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

JULY 27TH

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.66	56	L	0	c	29.17	-47	53	51	-2	NE	2	0	*	61	48	0.08		
Hernösand	29.58	51	L	0	b	29.53	-12	59	53	+5	PSE	1	6	*	68	39	0.04		
Stockholm	29.59	57	E	2	o	29.53	-09	62	54	+4	?	2	0	*	66	48	-		
Wisby	29.69	60	ESSR	2	c	29.44	-18	59	58	-2	SSR	2	1	*	70	57	0.12		
Bodo	29.61	56	NE	2	b	29.57	-09	50	48	-7	NE	2	0	1	63	46	-		
Christiansund	29.65	53	N	1	c	29.55	-16	51	49	0	NNE	2	0	1	55	43	0.08		
† Skudesnaes	29.56	54	NW	8	b	29.49	-21	56	53	+1	NW	2	0	2	59	54	-		
Oxö (Xiansund)	29.55	64	WSW	1	b	29.48	-17	61	57	0	NE	4	6	2	64	55	-		
Skagen (The Skaw)	29.73	60	NNW	3	b	29.47	-13	61	48	-2	ENE	3	0	0	72	55	-		
Fanö	29.54	57	N	1	c	29.50	-26	60	55	-5	NW	2	0	*	?	54	-		
Cuxhaven	29.64	65	E	3	h	29.51	-14	59	59	-	ENE	4	1	*	?	55	0.74		
† Sumburgh Head	29.77	64	ENE	3	c	29.70	-13	51	48	-2	N	4	0	4	57	48	-		
† Stornoway	29.68	60	NE	6	b	29.67	-03	53	53	-4	SSW	5	0	5	69	52	-		
Wick	29.75	55	E	2	bc	29.73	-05	55	51	0	E	3	0	1	57	49	-		
Nairn	29.68	59	ENE	3	0	29.70	-05	56	52	0	ENE	1	0	1	62	52	-		
† Aberdeen	29.70	58	ENE	1	c	29.70	-08	58	51	0	ENE	2	0	1	64	52	-		
Leith	29.64	58	ENE	1	0	29.69	-01	57	52	+1	SE	2	0	*	62	50	0.03		
† Shields	29.59	59	E	2	h	29.68	-02	56	54	-3	E	2	0	3	60	54	0.32		
Spurn Head	29.48	56	ENE	6	h	29.67	+02	57	57	-2	NNE	1	1	3	59	55	0.20		
York	29.54	57	E	1	h	29.69	+04	57	56	-5	S	1	1	*	62	54	0.93		
Nottingham	29.48	62	ESE	1	0	29.70	+09	60	59	+2	SW	2	0	*	66	55	1.30		
† Ardrossan	29.58	59	ENE	3	h	29.64	00	54	53	-7	ENE	2	1	2	67	54	0.08		
† Mullaghmore	29.54	59	NE	3	h	29.62	+03	58	58	+1	WSW	4	6	3	62	51	0.50		
Donaghadee	29.55	57	NE	2	0	29.61	-01	58	58	+2	W	3	0	1	59	54	0.71		
Parsonstown	29.55	61	W	2	0	29.71	+21	60	57	+4	SW	3	0	*	61	54	0.25		
Barrow-in-Furness	29.56	58	SW	3	0	29.65	+04	57	56	-4	SSE	8	4	4	62	56	0.61		
† Holyhead	29.50	64	N	1	c	29.69	+16	59	57	+1	WSW	4	0	3	66	56	0.17		
Liverpool (Bldston)	29.48	60	ENE	3	m	29.68	+12	59	57	+2	W	3	0	3	64	55	0.85		
† Valentia	29.63	62	WSW	4	c	29.73	+21	62	58	+1	SW	3	0	3	67	54	-		
Roche's Point	29.58	68	NNW	5	bc	29.73	+28	61	57	+2	W	5	0	4	70	55	0.25		
Pembroke	29.52	59	W	3	0	29.75	+29	60	58	0	W	2	6	2	65	58	0.14		
† Scilly	29.70	63	W	7	c	29.85	+42	63	60	+2	WSW	4	0	4	64	58	0.05		
Prawle Point	29.60	61	W	3	bc	29.81	+31	61	61	+1	W	3	0	4	62	56	0.10		
Hurst Castle	29.54	63	SW	4	c	29.80	+26	61	60	-2	WSW	3	6	3	65	60	0.15		
† Dover	29.48	61	SW	3	at	29.74	+10	64	61	+2	W	5	6	4	64	61	0.25		
† London	29.47	65	SSW	1	cp	29.75	+13	63	60	+1	WSW	4	6	*	70	57	0.37		
Oxford	29.50	62	W	3	0	29.74	+17	63	58	+3	W	3	6	*	67	57	0.42		
Cambridge	29.44	63	S	1	c	29.72	+10	61	59	+1	SW	1	0	*	70	57	0.44		
† Yarmouth	29.47	64	SSW	1	b	29.62	00	58	57	0	NE	1	0	2	65	56	0.69		
The Helder																			
Cape Gris Nez	29.50	63	SW	7	0	29.76	+07	61	60	-3	W	8	0	6	68	55	0.24		
† Jersey	29.68	63	W	8	cm	29.89	+26	60	60	-3	W	7	om	6	65	59	0.06		
Brest	29.86	62	W	5	bc	29.95	+38	60	60	-0	W	5	6	5	63	59	-		
Lorient	29.88	64	W	8	bc	29.96	?	62	59	?	W	5	0	4	66	59	-		
† Rochefort	29.96	68	W	9	bc	30.07	+25	66	62	-2	WNW	8	6	4	75	52	-		
Biarritz																			
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.71	-01	60	58	-5	WSW	4	0	*	69	59	0.59		
Charleville	29.74	68	SW	1	0	29.81	+06	61	55	-6	ESE	3	0	*	72	47	0.71		
Paris	29.69	70	WSW	7	c	29.94	+22	67	61	+1	SSW	4	0	*	*	*	0.08		
Lyons	29.90	77	W	1	0	30.09	+23	63	59	-10	NNE	1	0	*	92	57	-		
Toulon	29.97	74	SW	3	m	29.94	-06	67	59	-3	NW	8	6	7	83	64	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.33	55	ENE	4	om	28.46	+01	53	53	-4	ENE	2	1	*	58	51	0.41
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes ...	29.64	59	53	NW	5	c	3	Valentia ...	29.58	67	62	NNW	3	62	3
Sumburgh Head	29.80	56	52	ENE	2	c	3	Scilly ...	29.56	63	60	W	6	0	6
Stornoway ...	29.67	63	60	ENE	5	6	4	Dover ...	29.57	62	61	SW	3	0	2
Aberdeen ...	29.73	61	58	NE	1	0	1	London ...	29.48	69	65	S	2	c	*
Shields ...	29.61	59	57	SE	2	0	3	Yarmouth ...	29.57	62	61	SE	3	0	3
Ardrossan ...	29.68	66	60	ENE	3	0	2	Jersey ...	29.69	64	63	WSW	5	c	4
Mullaghmore ...	29.54	62	58	E	5	om	3	Rochefort ...	29.91	70	64	W	9	0	4
Holyhead ...	29.49	63	61	ENE	3	0	2								

The weather continues in a very unsettled state and is dull and showery in all places except Stornoway and Valentia. Pressure is increasing in the SW, decreasing elsewhere, and the depression is travelling slowly ENE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugl., threatening; v. visibility, unusual transparency; w. dew.

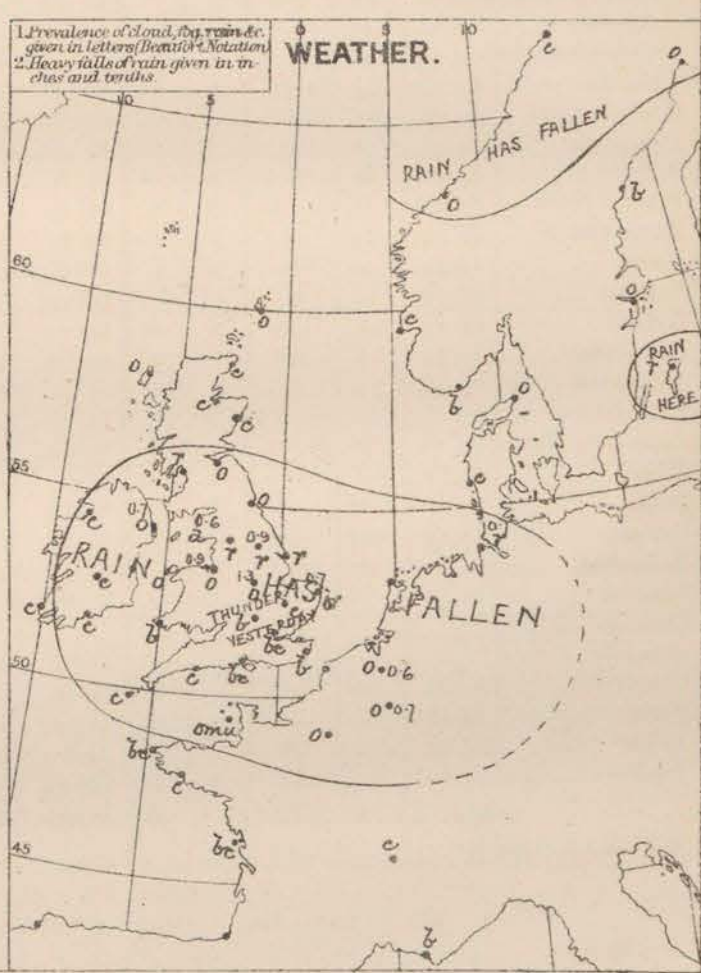
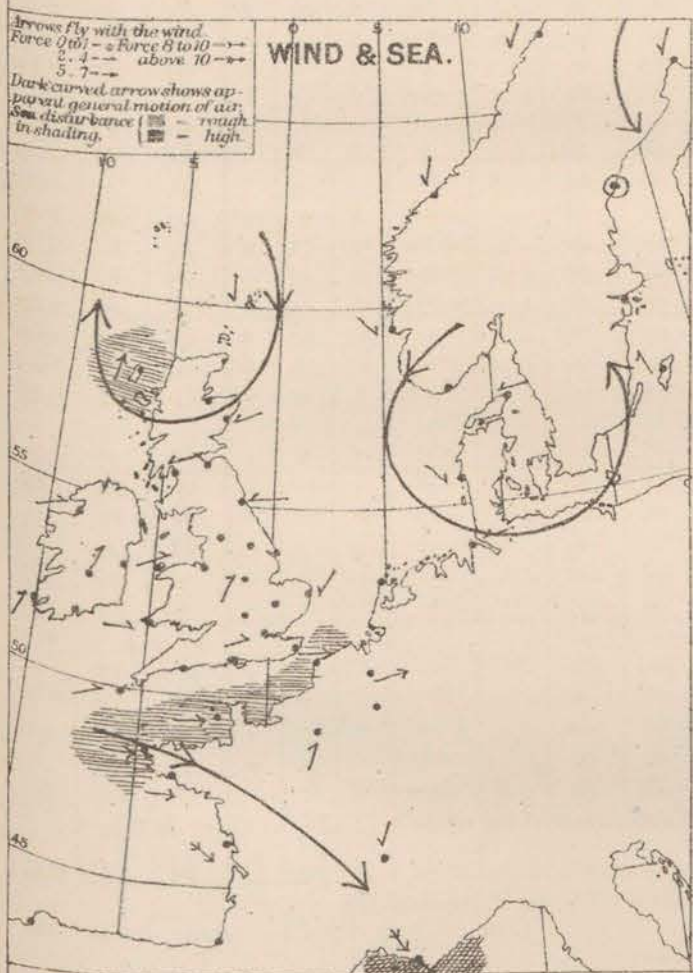
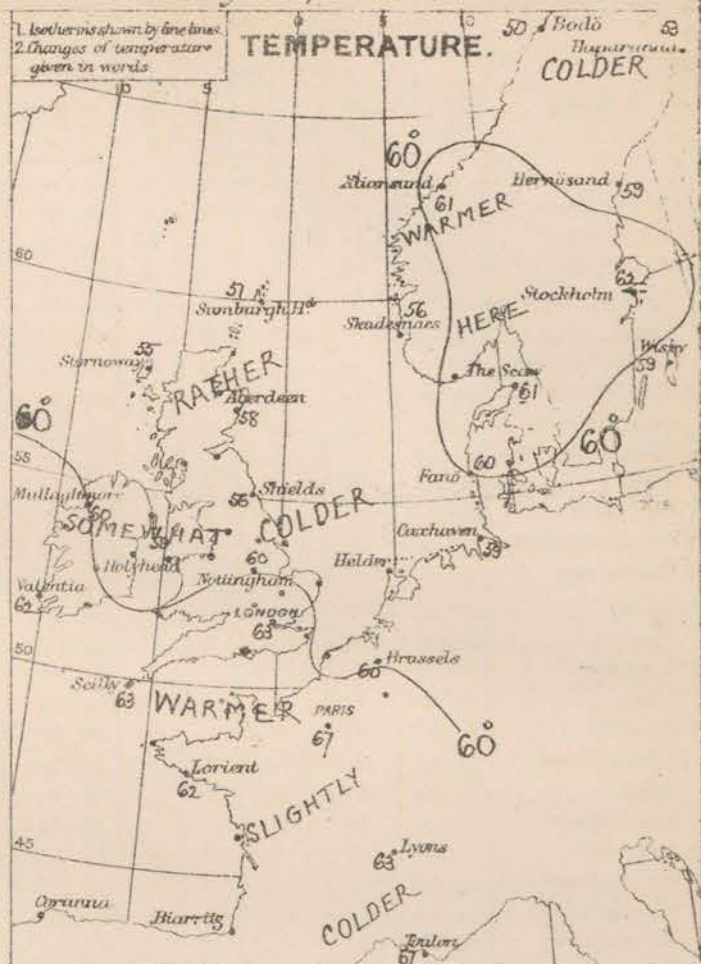
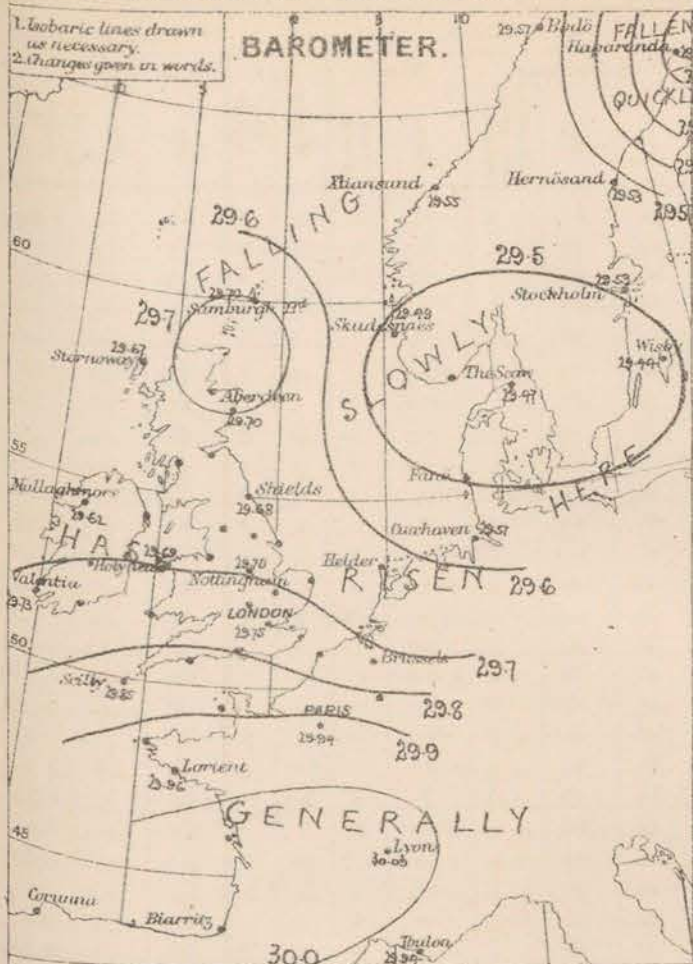
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Danzig, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Tuesday 27th JULY 1880.



REMARKS. The large depression which was passing across these Islands yesterday has continued to travel E^{ly}, and is now shown over Denmark the S. of Scandinavia and the Baltic. A moderately brisk recovery in pressure has occurred over these Islands and France, but there are indications of a fresh fall as the W. coast of Scotland. The consequent area of high readings lies over France, with a ridge of high pressure stretching N^{ly} over these Islands. An E^{ly} breeze is reported from the NE. of Scotland this evening, but in all other parts of these Islands and over France S.W. to W. winds are felt. In most places the wind is light or moderate in force, but at Jersey is moderate gale, and over the Bay of Biscay a fresh gale is felt. The weather is fine in the SE. of England, as well as in the SW. and S. of France, but in nearly all other districts the sky is cloudy or dark with rain on our NW. coasts. Rain has fallen except in the E. and N. of Scotland, the amounts collected in N^{ly} Central and E^{ly} England being large. Thunder occurred at Nottingham and in London. Temperature has risen a little except in the NE., and ranges from 51° in the Shetlands to 65° in the S. of England. The sea is rough on the French side of the Channel, moderate to slight elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 28TH

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Weather.	Shade.	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.					
Haparanda	29.50	52	E	2	O	29.65	+48	55	51	+2	S	2	C	59	46	0.20			
Hernösand	29.58	53	E	0	bc	29.62	+09	59	57	0	SE	2	O	70	39				
Stockholm	29.55	74	E	0	O	29.67	+14	63	54	+1	SW	2	E	72	50				
Wisby	29.52	57	E	4	bc	29.68	+24	62	57	+3	NE	2	E	68	52				
Bodö	29.55	51	S	2	C	29.55	-02	50	48	0	E	1	C	54	46				
Christiansund	29.55	54	N	3	C	29.58	+03	56	52	+5	NNE	1	C	57	43				
† Skudesnaes	29.58	56	NW	5	O	29.64	+15	55	50	+1	NW	4	O	61	55				
Oxö (Xagö)	29.54	60	SW	4	E	29.58	+10	53	52	-3	N	4	E	68	54				
Skagen (The Skaw)	29.58	58	NW	2	E	29.60	+13	60	54	-1	WSW	5	C	77	52				
Fanö	29.69	58	WNW	5	E	29.76	+26	60	55	0	N	4	C	64	54				
Cuxhaven	29.71	61	NW	4	O	29.82	+31	64	61	+5	N	1	E	68	55	0.01			
† Sumburgh Head	29.71	51	N	4	O	29.68	-02	57	49	0	E NE	2	C	55	45				
† Stornoway	29.67	56	E NE	6	C	29.67	-10	54	44	-1	E NE	5	O	62	51	0.06			
Wick	29.75	55	E	2	bc	29.66	-09	52	49	-3	E	3	O	59	44				
Nairn	29.70	55	E	2	C	29.59	-11	54	53	0	E	1	O	58	53				
† Aberdeen	29.72	57	SSW	1	O	29.61	-09	54	53	-4	SSW	3	E	62	53	0.05			
Leith	29.70	54	E	1	N	29.53	-16	57	55	0	SE	1	O	58	53	0.16			
† Shields	29.69	57	SE	1	bc	29.57	-11	56	55	0	SSE	3	E	58	52	0.48			
Spurn Head	29.74	60	SSE	3	N	29.66	-08	61	60	+4	S	5	bc	61	56	0.10			
York	29.75	65	N	2	bc	29.61	-08	60	59	+3	S	3	E	68	54	0.10			
Nottingham	29.78	66	SW	3	O	29.64	-06	62	62	+2	SSW	4	O	74	56	0.22			
† Ardrossan	29.68	58	NE	3	bc	29.44	-20	56	55	+2	NE	3	E	60	53	0.77			
† Mullaghmore	29.64	62	E NE	2	C	29.40	-22	56	56	-4	NE	5	E	66	53	0.47			
Donaghadee	29.69	61	NE	3	N	29.42	-19	62	62	+4	SW	3	C	67	53	0.41			
Parsonstown	29.67	61	S	1	O	29.45	-20	58	56	-2	SW	3	O	68	56	0.42			
Barrow-in-Furness	29.73	62	SW	5	E	29.58	-13	61	60	+4	SSW	4	bc	68	58	0.49			
† Holyhead	29.74	60	SW	5	bc	29.50	-19	61	60	+2	SSW	4	N	64	58	0.48			
Liverpool	29.77	62	SW	2	bc	29.55	-13	63	61	+4	S	3	O	67	57	0.12			
† Valentia	29.53	60	SSE	4	N	29.58	-13	63	59	+1	NW	4	E	64	56	0.32			
Roche's Point	29.58	65	SSW	5	N	29.50	-23	60	57	-1	NW	5	C	71	59	0.38			
Pembroke	29.78	60	S	3	O	29.55	-20	60	60	0	S	6	O	63	59	0.43			
† Scilly	29.82	62	SSW	5	O	29.68	-20	61	60	-2	SW	6	O	68	60	0.07			
Prawle Point	29.88	57	SSW	3	N	29.74	-09	60	59	-1	SSW	5	O	64	56	0.04			
Hurst Castle	29.90	63	N	6	C	29.80	-09	62	60	+1	WSW	6	O	67	60	0.01			
† Dover	29.84	68	WSW	4	E	29.81	+09	61	60	-3	WSW	4	C	69	60	0.02			
† London	29.83	69	N	3	bc	29.78	+03	64	61	+1	WSW	3	O	75	60	0.01			
Oxford	29.84	61	SW	4	O	29.72	-02	61	59	-2	SSW	5	O	70	59	0.02			
Cambridge	29.73	68	SW	1	C	29.72	-00	64	62	+3	SW	1	O	74	58	0.04			
† Yarmouth	29.79	62	SE	1	bc	29.76	+08	62	61	+4	SSW	3	C	63	56	0.08			
The Helder	29.81	61	WSW	1	C	29.79	+19	61	60	+3	SW	1	C	63	54				
Cape Gris Nez	29.86	62	WSW	7	E	29.84	+08	63	61	+2	SW	5	C	64	55				
† Jersey	29.98	63	WSW	2	cm	29.88	-01	61	60	+1	SW	4	cm	67	59	0.01			
Brest	29.96	62	SW	5	C	29.83	-12	60	60	0	SSW	5	N	66	59				
Lorient	29.99	62	SW	4	bc	29.89	-09	63	60	+1	SW	4	O	70	61				
† Rochefort	30.07	70	WNW	5	bc	29.99	-08	64	63	-2	S	1	E	75	59				
Biarritz	30.07	69	NNE	5	E	29.92	-20	68	64	0	SE	1	E	72	59				
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.89	+18	60	57	0	SW	3	O	73	58				
Charleville	29.68	66	NW	4	O	29.96	+15	57	54	-4	SSE	1	O	69	48	0.08			
Paris	29.98	67	SW	5	bc	29.95	+01	68	61	+1	SSW	4	bc	*	*				
Lyons	30.02	73	N	1	bc	30.00	-09	65	61	+2	NE	1	E	82	54				
Toulon	29.91	73	N	1	E	29.89	-05	72	57	+5	NW	1	E	75	65				

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.53	57	WSW	4	cm	28.35	-09	57	56	+4	SSW	4	N	59	52	0.57			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.52	62	56	WNW	4	0	2	Valentia ...	29.71	62	59	S	3	omg.	4
Sumburgh Head	29.71	53	48	N	4	0	4	Scilly ...	29.88	68	63	SW	4	0	4
Stornoway ...	29.67	60	58	E NE	5	6	5	Dover ...	29.79	67	64	N	4	6	3
Aberdeen ...	29.73	58	53	NE	1	0	1	London ...	29.79	71	61	N	4	bc	*
Shields ...	29.71	57	56	SE	1	2	3	Yarmouth ...	29.75	59	58	SSE	1	c	2
Ardrossan ...	29.67	55	54	E NE	3	2 f	2	Jersey ...	29.97	66	62	N	4	bm	5
Mullaghmore ...	29.66	63	61	N	3	c p	2	Rochefort ...	30.07	73	65	WNW	5	bc	2
Holyhead ...	29.74	64	61	SW	4	bc	3								

Pressure has increased a little since the morning in most places with brisk W winds in the S. and light E breezes in the N. but at Valentia a slight depression has occurred, and the wind has backed to S. The weather is dull except in the SE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

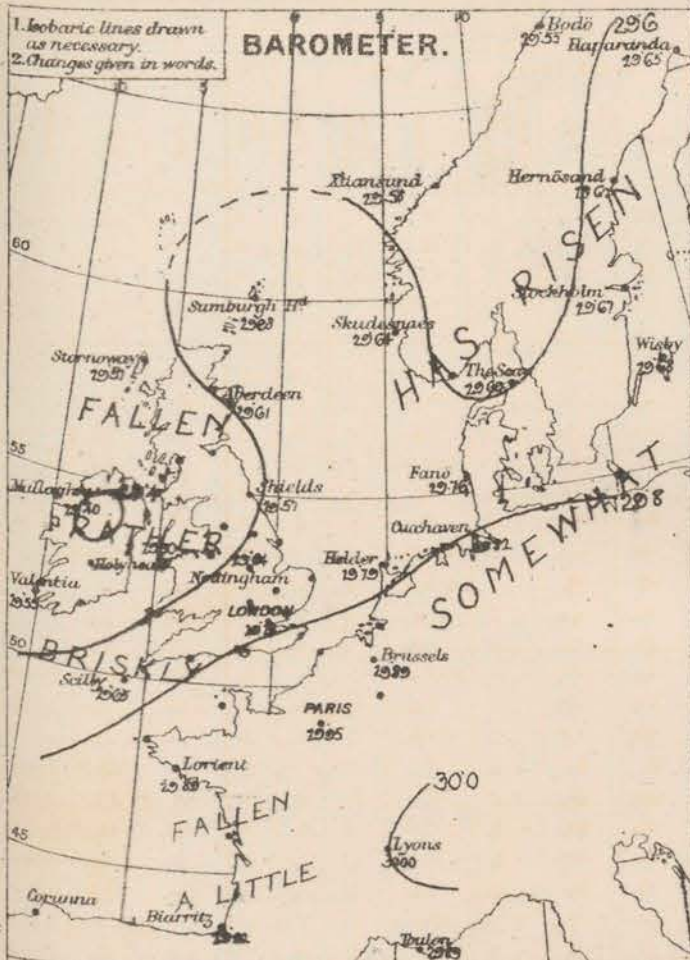
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Wednesday 28th JULY 1880.

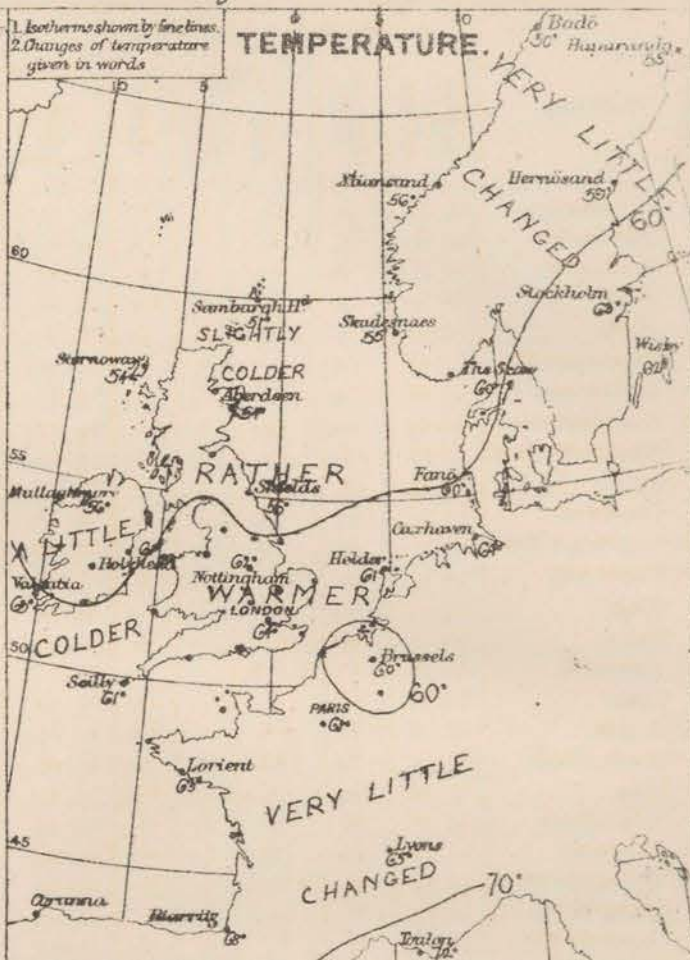
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



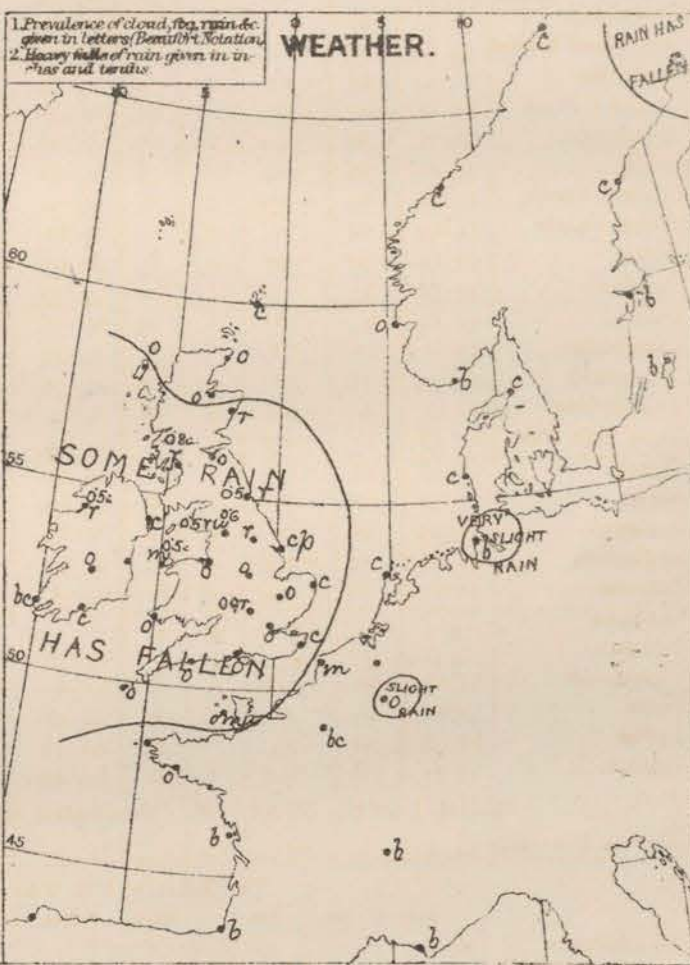
Arrows fly with the wind.
Force 0-10 - Force 8 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance - rough in shading.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Basis of notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. In the course of the past night the centre of a small but well-marked depression has reached the northern half of Ireland from a SW^{ly} direction, and appears to be still travelling NE^{ly} towards Scotland. The barometer has consequently fallen briskly on almost all our coasts. Strong S^{ly} breezes have set in over England, while E^{ly} winds prevail at the Scotch stations, and N^{ly} (NE to NW) over the greater part of Ireland. Temperature is very low generally, the present readings varying from about 55° in Scotland and the north of Ireland to about 62° in the southern and south western portion of the Kingdom. The maximum readings recorded over the inland parts of England yesterday varied from 70° to 75°. Rain has fallen on nearly all parts of our coasts, and continues in the north east and north. In the south and south west, however, the sky is inclined to clear again, and the change will probably spread N^{ly} during the day. The sea is rather rough on our western and southern coasts.

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116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 23rd

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.76	50	L	0	f	29.82	+1.14	56	50	+1	S	2	6	*	57	45	-	
Hernösand	29.71	59	S	2	c	29.77	+1.15	63	60	+4	S	2	6c	*	72	41	-	
Stockholm	29.71	66	SW	2	b	29.76	+0.9	66	59	+3	W	2	c	*	73	48	-	
Wisby	29.67	58	L	0	b	29.71	+0.3	62	59	0	L	0	6c	*	68	50	-	
Bodo	29.67	53	NE	2	0	29.67	+1.12	50	49	0	L	0	0	0	57	48	-	
Christiansund	29.68	54	N	1	b	29.55	-0.3	57	52	+1	NNE	1	6	2	59	43	-	
† Skudesnaes	29.62	56	W	2	c	29.47	-1.7	59	55	+4	E	4	0	2	61	55	-	
Oxö (Klansund)	29.66	58	SW	4	c	29.58	-0.0	61	60	+3	S	4	0	2	70	54	0.12	
Skagen (The Skaw)	29.68	58	WSW	3	b	29.65	+0.5	62	60	+2	SSW	3	0	0	64	54	0.04	
Fanö	29.69	62	WSW	4	c	29.65	-1.1	66	63	+6	S	4	0	*	66	59	-	
Cuxhaven	29.84	64	WSW	2	L	29.73	-0.9	63	63	-1	SSW	1	6	*	68	69	0.31	
† Sumburgh Head	29.61	54	E	3	0	29.28	-4.0	58	57	+7	ESE	4	m	6	58	50	1.03	
† Stornoway	29.48	55	NE	5	0	29.35	-2.2	51	51	-3	NNW	5	0	5	60	49	0.25	
Wick	29.47	52	E	4	L	29.18	-4.8	55	53	+3	SSW	2	c	3	59	50	0.64	
Nairn	29.44	53	E	5	L	29.27	-3.2	54	52	-2	W	6	0	4	58	51	0.84	
† Aberdeen	29.38	57	ESE	3	L	29.30	-3.1	58	54	+4	W	2	6c	1	59	53	1.07	
Leith	29.36	62	SW	1	c	29.37	-1.6	58	55	+1	W	1	6	*	72	54	0.10	
† Shields	29.45	67	WSW	4	b	29.42	-1.5	59	55	+3	WSW	2	a	2	67	54	0.16	
Spurn Head	29.57	65	SSW	5	c	29.50	-1.6	62	60	+1	SW	2	c	2	68	58	0.05	
York	29.52	66	S	4	0	29.49	-1.2	59	57	-1	SW	1	0	*	67	55	0.25	
Nottingham	29.58	65	S	3	L	29.51	-1.3	62	61	0	S	2	0	*	68	59	0.13	
† Ardrossan	29.34	60	SW	3	0	29.40	-0.4	56	53	0	NNW	4	0	2	65	53	0.25	
† Mullaghmore	29.51	57	W	4	og	29.50	+1.0	57	55	+1	W	4	op	3	58	54	0.10	
Donaghadee	29.43	61	SW	3	c	29.48	+0.6	58	55	-4	WSW	3	6c	1	69	49	0.02	
Parsonstown	29.55	65	W	3	6c	29.56	+1.1	55	54	-3	SW	1	c	*	67	49	-	
Barrow-in-Furness	29.47	63	SSW	5	6c	29.47	-0.5	57	55	-4	WSW	2	0	4	64	55	0.23	
† Holyhead	29.51	62	SW	4	c	29.51	+0.1	57	56	-4	WSW	1	0	0	64	55	0.08	
Liverpool (Bidston)	29.51	67	SW	4	b	29.50	-0.5	58	56	-5	WSW	1	0	2	70	56	0.12	
† Valentia	29.60	64	W	3	c	29.59	+0.4	59	58	-4	L	0	6c	1	66	51	-	
Roche's Point	29.58	64	NNW	4	6c	29.59	+0.9	60	56	0	W	4	6c	4	72	55	-	
Pembroke	29.57	60	WSW	3	c	29.51	-0.4	57	55	-3	NNW	1	c	2	63	55	0.45	
† Scilly	29.66	61	SW	1	0	29.61	-0.4	61	58	0	W	4	c	4	66	55	0.04	
Prawle Point	29.67	59	SSW	5	0	29.54	-2.0	58	58	-2	WSW	3	c	4	62	57	0.14	
Hurst Castle	29.73	63	WSW	6	c	29.57	-2.3	62	61	0	WSW	6	ogp	5	67	61	0.32	
† Dover	29.75	63	SW	3	b	29.60	-2.1	63	61	+2	SW	5	6	4	65	61	0.04	
† London	29.69	66	SW	4	0	29.57	-2.1	63	61	-1	SW	3	0	*	75	60	0.15	
Oxford	29.63	62	S	6	0	29.50	-2.2	60	59	-1	SE	2	0L	*	67	56	0.26	
Cambridge	29.66	65	SSW	2	0	29.54	-1.8	61	61	-3	S	1	L	*	68	57	0.08	
† Yarmouth	29.69	67	SSW	4	c	29.56	-2.0	65	62	+3	SSW	3	6c	3	68	60	0.04	
The Helder	29.74	63	SW	3	0	29.63	-1.6	63	62	+2	SSW	3	L	1	64	59	0.04	
Cape Gris Nez	29.76	64	SW	3	b	29.65	-1.9	64	62	+1	S	5	c	3	79	57	-	
† Jersey	29.78	66	SW	4	cq	29.65	-2.3	64	62	+3	SW	5	6c	4	?	61	0.01	
Brest	29.75	61	SW	7	L	29.67	-1.6	61	60	+1	W	5	0	5	63	59	0.43	
Lorient	29.81	65	SW	5	c	29.69	-2.0	64	61	+1	SSW	7	0	5	72	62	0.08	
† Rochefort	29.96	70	SW	4	b	29.86	-1.3	68	65	+4	SW	4	c	2	81	59	-	
Biarritz	29.84	72	W	3	6c	29.86	-0.6	70	64	+2	S	1	6	2	77	63	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.73	-1.6	67	60	+7	SW	5	6c	*	73	?	-	
Charleville	29.79	72	NE	1	b	29.80	-1.6	64	58	+7	?	4	6	*	81	?	-	
Paris	29.83	63	SW	1	6c	29.79	-1.6	70	67	+2	SSW	1	6c	*	*	*	-	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	29.86	73	W	7	b	29.92	+0.3	73	66	+1	N	1	6	1	84	68	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.29	58	WSW	4	0	28.26	-0.9	52	51	-5	WSW	4	0	*	61	51	0.69	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.29	58	WSW	4	0	28.26	-0.9	52	51	-5	WSW	4	0	61	51	0.69
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.67	61	54	W	4	0	3	Valentia ...	29.49	65	60	W	3	6c	3
Sumburgh Head	29.67	56	51	E	2	c	2	Scilly ...	29.64	63	63	W	4	0	5
Stornoway ...	29.53	57	55	NE	5	0	5	Dover ...	29.79	63	61	SW	5	cq	4
Aberdeen ...	29.54	55	54	ESE	3	L	1	London ...	29.75	67	63	SSW	4	0	*
Shields ...	29.49	65	61	SSW	2	7p	3	Yarmouth ...	29.74	66	62	SW	4	6c	3
Ardrossan ...	29.38	61	60	WSW	1	0	6	Jersey ...	29.84	68	63	SSW	3	6c	3
Mullaghmore ...	29.43	58	57	W	4	m	3	Rochefort ...	29.04	75	64	W	3	6	0
Holyhead ...	29.49	63	62	SSW	5	6	?								

The depression in the NW. is still moving NE^{wd} and the weather is improving over our SWth and Sth districts.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); n. passing showers; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

AN ASTERISK is inserted in all places for which information is not usually received.

The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark.

at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

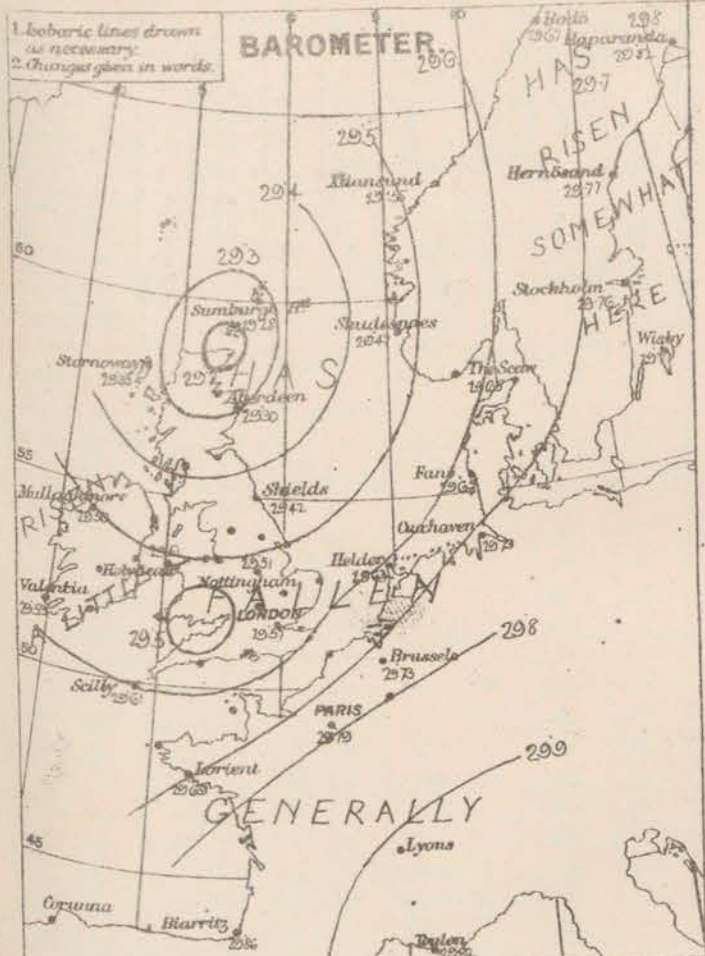
These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS for 8 a.m. on Thursday 29th JULY 1880.

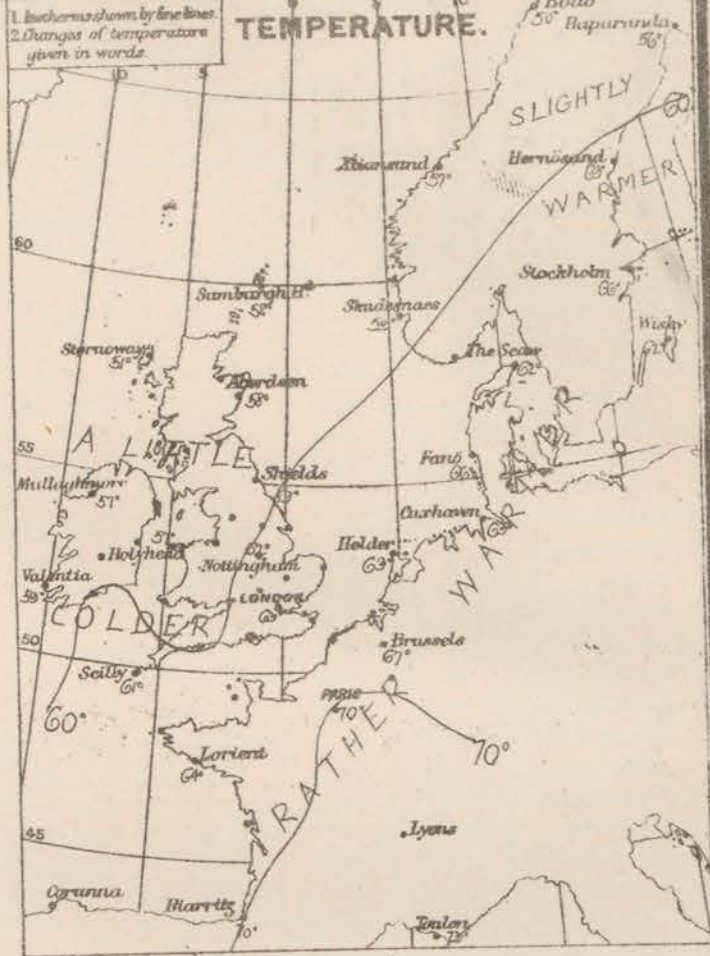
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



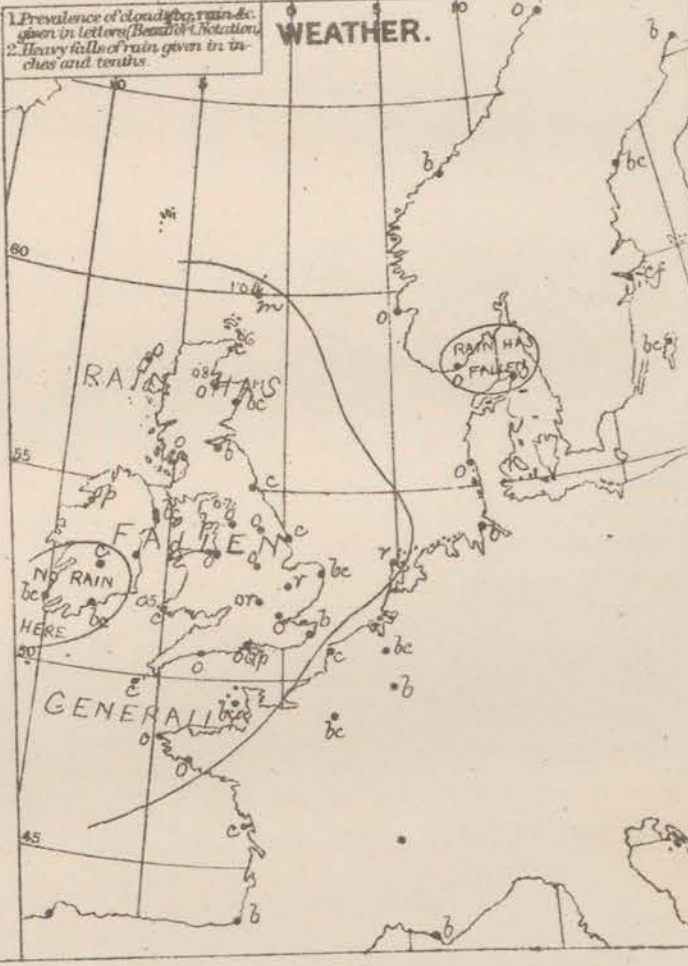
Arrows fly with the wind.
Force 0 to 10 — Force 8 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance: — rough, — high.

WIND & SEA.



1. Prevalence of clouds, rain, &c. given in letters (Beaufort's notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The depression which lay over the north of Ireland yesterday morning, after moving somewhat easterly, has now reached the extreme north of Scotland, and in the mean time a secondary disturbance has reached South Wales and the west of England from the Atlantic. The winds, therefore, though generally SW to NW in direction are variable over our islands; the weather is exceedingly unsettled and stormy, and temperature is low generally. The maximum readings reported yesterday were nearly all below 70° but at a few stations in England and the south of Scotland the thermometer rose to between 72° and 75°. The sea is rough in the Channel and off our northern coasts. It seems probable that as the southern disturbance moves E. the weather will clear temporarily in the south-west and south, but no permanently settled weather is likely yet.

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

R. H. SCOTT.
Secretary.

DANGERFIELD LITH 22 BEDFORD ST COVENT GARDEN

DAILY WEATHER REPORT

JULY 30th

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda	29.80	55	L	0	L	29.78	-.04	63	54	+7	S	2	L	*	66	45	-		
Hernösand	29.75	55	L	0	L	29.73	-.04	62	58	-1	NE	2	L	*	72	50	-		
Stockholm	29.75	60	SSW	2	L	29.65	-.11	72	60	+6	SSW	4	L	*	75	50	-		
Wishby	29.71	60	L	0	L	29.63	-.08	65	59	+3	SSW	4	0	*	72	48	-		
Bodö	29.62	57	NE	2	C	29.58	-.09	62	55	+12	L	4	L	2	71	50	-		
Christiansund	29.86	68	SE	4	C	29.82	-.23	61	57	+4	SW	1	60	1	68	50	-		
Skudesnaes	29.38	59	SSE	4	0	29.86	-.11	58	54	+1	SSW	6	0	4	61	?	0.79		
Orö (Ålansund)	29.46	52	S	4	0	29.41	-.17	59	55	+4	WSW	4	L	2	63	57	0.87		
Skagen (The Skaw)	29.55	63	SSE	5	0	29.44	-.21	61	60	-1	SW	3	0	1	68	55	0.98		
Fanö	29.50	68	S	4	0	29.57	-.08	65	60	-1	WSW	4	60	*	72	59	0.12		
Cuxhaven	29.63	73	SW	2	L	29.67	+0.06	64	63	+1	WSW	5	L	*	?	59	0.30		
Sumburgh Head	29.19	54	SE	5	L	29.16	-.12	55	50	-3	SE	3	Q	4	60	51	0.06		
Stornoway	29.37	52	NNW	6	L	29.22	+0.08	50	48	-1	NNW	3	7	4	57	48	0.25		
Wick	29.19	53	NW	5	m	29.24	+0.06	54	54	-1	NW	5	L	3	60	50	0.04		
Nairn	29.33	54	WSW	4	C	29.38	+0.11	52	50	-2	WSW	3	0	2	59	50	0.02		
Aberdeen	29.31	60	NNW	2	C	29.37	+0.07	56	50	-2	W	4	C	2	63	50	-		
Leith	29.39	59	W	1	L	29.47	+0.10	58	58	0	NW	1	L	*	65	48	-		
Shields	29.42	60	W	4	L	29.52	+0.10	56	52	-3	W	3	60	3	65	50	-		
Spurn Head	29.50	62	SW	4	C	29.57	+0.07	57	56	-5	SW	3	0	3	64	53	0.39		
York	29.49	64	W	3	L	29.56	+0.07	57	55	-2	SW	2	60	*	65	51	0.12		
Nottingham	29.59	59	NW	1	C	29.60	+0.09	57	56	-5	SSW	2	L	*	64	50	0.79		
Ardrossan	29.45	58	NW	4	0	29.50	+0.10	57	52	+1	NW	3	0	2	62	52	-		
Mullaghmore	29.56	58	NW	5	0	29.60	+0.10	52	51	-5	NNW	2	L	2	62	49	0.32		
Donaghadee	29.51	58	SSW	2	L	29.57	+0.09	55	52	-3	WSW	2	C	0	62	47	0.21		
Parsonstown	29.61	55	NNW	1	0	29.65	+0.09	54	52	-1	NW	1	0	*	64	41	0.23		
Barrow-in-Furness	29.51	60	SW	4	C	29.54	+0.07	56	54	-1	NW	2	60	2	65	54	0.09		
Holyhead	29.56	60	WSW	3	C	29.60	+0.09	56	53	-1	W	4	60	3	63	53	0.04		
Liverpool (Bilston)	29.53	57	W	4	C	29.58	+0.08	58	53	0	W	3	60	3	63	54	0.04		
Valentia	29.65	63	W	3	L	29.72	+0.14	60	56	+1	W	4	60	4	67	51	0.10		
Rock's Point	29.65	62	NW	4	C	29.69	+0.10	57	54	-3	NW	3	C	3	70	52	0.06		
Pembroke	29.62	61	WSW	4	L	29.64	+0.13	58	55	+1	NW	2	L	2	62	56	-		
Scilly	29.72	61	SW	4	C	29.78	+0.12	61	58	-3	WSW	4	C	4	66	55	0.04		
Prawle Point	29.71	60	SW	5	L	29.68	+0.14	59	57	+1	W	3	L	4	65	53	0.21		
Harbour Castle	29.69	62	W	6	L	29.66	+0.09	59	58	-3	NW	4	60	4	70	56	0.84		
Dover	29.62	64	W	4	L	29.67	+0.07	59	58	-4	SW	5	60	4	67	58	0.08		
London	29.63	63	SW	3	L	29.60	+0.03	56	55	+1	L	0	0.25	*	73	53	0.74		
Oxford	29.65	59	SW	4	L	29.61	+0.11	57	54	-3	W	1	C	*	67	53	0.30		
Cambridge	29.58	64	NW	1	C	29.62	+0.08	56	56	-5	SW	1	L	*	73	49	0.27		
Yarmouth	29.56	63	NNW	3	L	29.66	+0.10	58	57	-7	SW	3	0.2	2	71	52	0.33		
The Helder	29.67	62	WSW	7	C	29.73	+0.08	62	59	-2	SSW	5	C	3	72	55	-		
Cape Gris Nez	29.81	63	W	5	L	29.77	+0.12	59	58	-5	W	6	60	5	65	57	0.12		
Jersey	29.84	63	WSW	4	L	29.81	+0.14	60	57	-1	NNW	5	60	5	68	59	-		
Brest	29.86	64	W	5	L	29.81	+0.12	61	58	-3	W	7	60	4	70	57	0.16		
Rochefort	29.93	68	NW	5	L	29.96	+0.10	67	63	-1	W	7	60	4	73	61	-		
Biarritz	29.94	69	N	5	0	29.97	+0.11	68	64	-2	N	3	0	3	73	64	-		
Corunna	*	*	*	*	*	30.06	*	68	*	*	NNW	3	0	1	*	*	*		
Brussels	*	*	*	*	*	29.79	+0.06	61	57	-6	SW	5	L	*	77	55	*		
Charleville	29.78	62	W	4	0	29.86	+0.06	60	57	-4	W	1	L	*	86	48	0.04		
Paris	29.75	74	SW	4	C	29.86	+0.07	66	69	-4	W	4	L	*	*	*	-		
Lyons	29.77	81	N	1	L	29.91	*	69	63	*	N	1	L	*	94	66	-		
Toulon	29.91	78	SW	1	L	29.95	+0.03	69	68	-4	NE	3	m	1	84	68	-		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	28.29	52	WSW	5	0	28.33	+0.07	53	51	+1	WSW	2	0	*	60	48	0.22
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.39	60	69	SE	6	7	4	Valentia ...	29.62	63	58	W	3	C	4
Sumburgh Head ...	29.24	58	57	SE	4	m	6	Scilly ...	29.69	64	61	WSW	4	bc p	4
Stornoway ...	29.35	54	53	NNW	6	0	6	Dover ...	29.57	67	63	SW	4	bc	3
Aberdeen ...	29.31	63	56	W	2	C	1	London ...	29.53	71	64	W	4	bc	*
Shields ...	29.41	63	56	WSW	4	bc	2	Yarmouth ...	29.49	67	64	SW	5	Cq p	3
Ardrossan ...	29.43	59	55	NW	4	C	2	Jersey ...	29.74	60	58	W	6	o p	5
Mullaghmore ...	29.53	60	57	NNW	4	bc m	2	Rochefort ...	29.89	74	67	W	7	0	4
Holyhead ...	29.54	62	59	WSW	3	C	2								

The northern depression has not moved much but the more Sth has travelled away & pressure shows a slight recovery except in the SE. The wind is Nth in the N, Wth to SWth in the S, and the weather remains unsettled with sharp showers in the S.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (overcast); p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

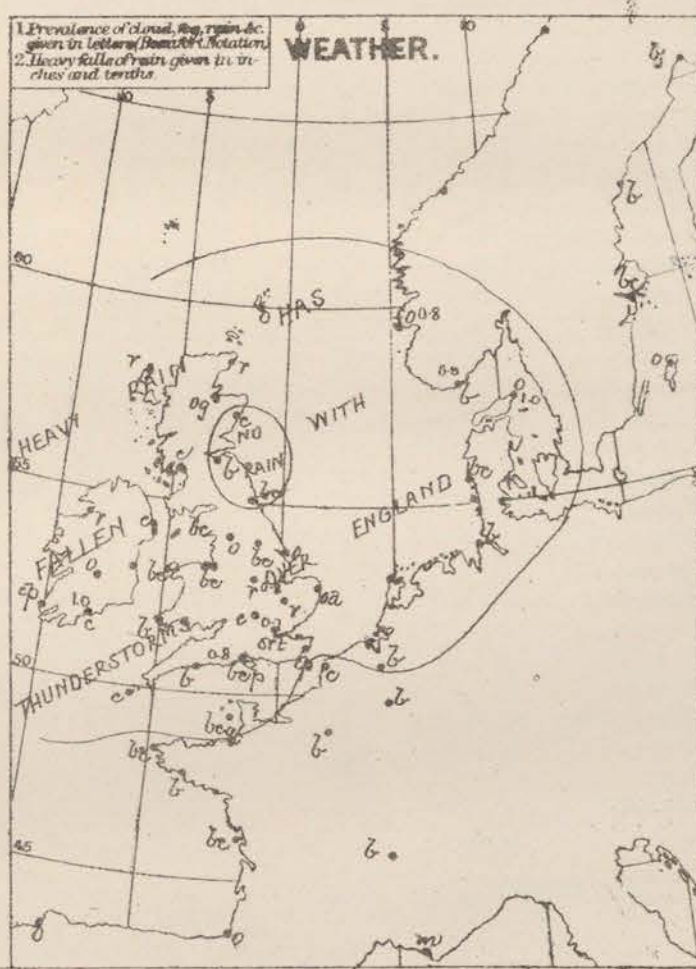
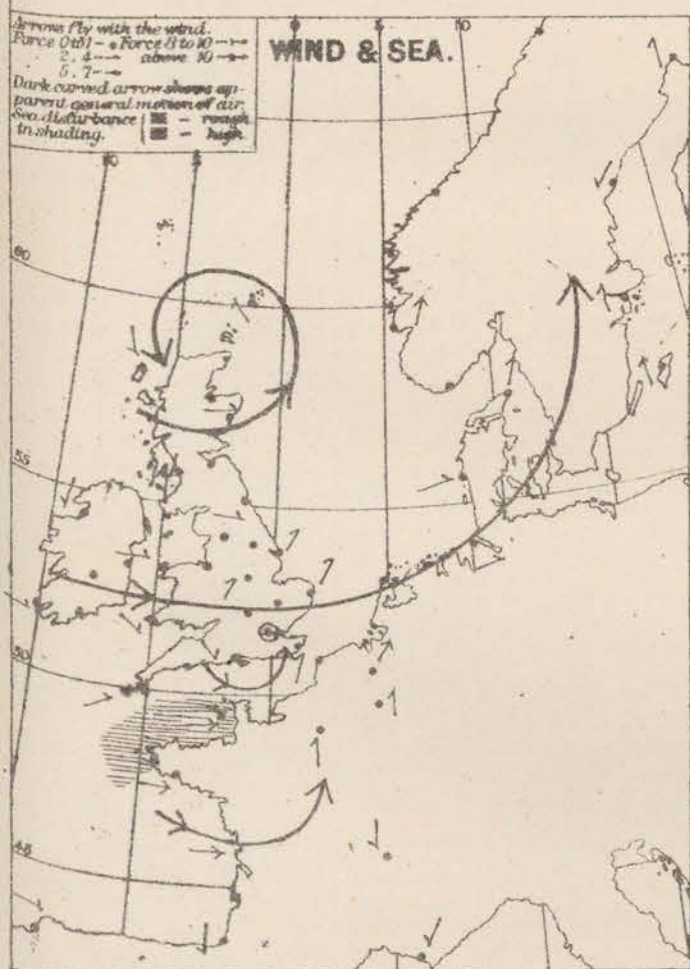
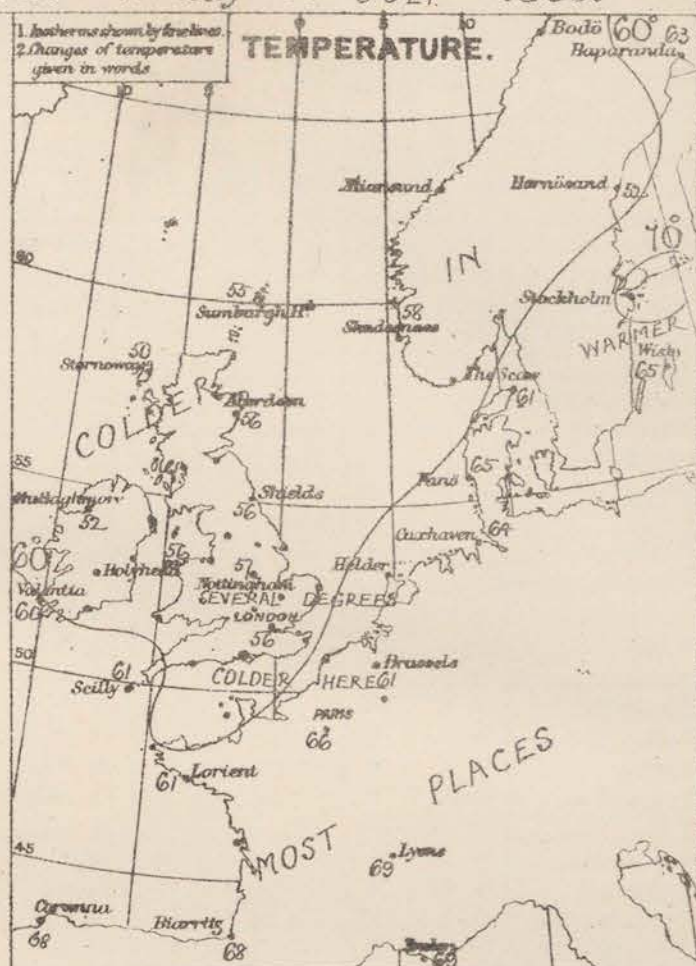
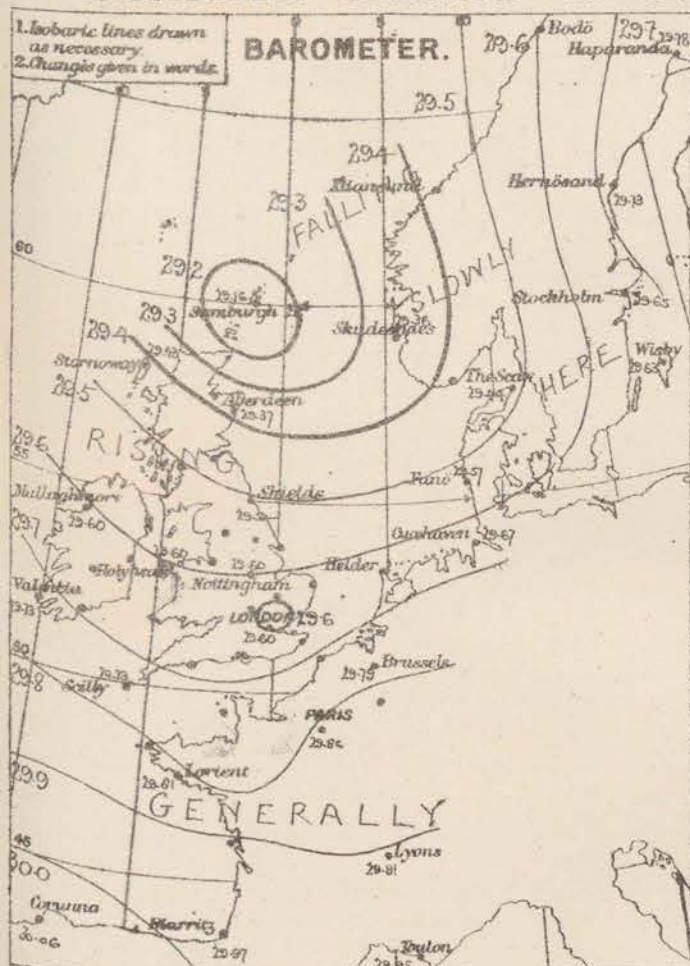
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

† Received too late for insertion in chart.

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

WEATHER CHARTS for 8 a.m. on Friday 30TH JULY 1880.



REMARKS. The weather over the United Kingdom remains in an exceedingly changeable showery condition generally. The depression noticed in the N. yesterday remains stationary near the Shetland Isles, and in the night a new shallow secondary depression has come over the E. of England from the W.nd and has its center now close to London. Thus, while the wind is still (on the whole) N. to NW. it varies a good deal in some localities, being nearly E. over our SE. counties; in fact it is light to moderate generally. Temperature has fallen in the SE. districts, and is now below 60° almost all over the country. Maxima slightly exceeding 70° were recorded at our SE. stations yesterday, but in the N. they were not above 60°. Rain has fallen almost everywhere, and unusually heavy hail at Roker Point. Thunderstorms are reported from most districts of England, and still prevail in the SE. The sea is smooth on our E. and NW. coasts, moderately rough elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

JULY 31ST

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.71	59	Z	0	b	29.66	-12	63	58	0	NE	4	bc	*	75	50	-		
Hernösand	29.64	62	NNE	2	c	29.58	-15	59	57	-3	N	2	o	*	75	45	0.08		
Stockholm	29.55	57	ESE	2	h	29.51	-14	61	59	-11	WSW	2	o	*	73	55	0.43		
Wisby	29.58	51	NW	2	bc	29.57	-06	62	58	-3	W	0	b	*	70	48	0.04		
Bodö	29.75	66	E	2	b	29.58	00	65	55	+3	E	4	b	1	73	59	-		
Christiansund	29.42	55	SW	3	h	29.42	+10	60	55	-1	E	3	bc	2	63	46	0.28		
† Skudesnaes	29.45	58	SSW	7	c	29.43	+07	57	52	-1	SSW	4	o	5	61	?	-		
Oxö (Xtiansund)	29.54	59	SW	4	c	29.47	+06	56	55	-3	N	2	o	1	63	54	-		
Skagen (The Skaw)	29.57	58	WSW	2	b	29.46	+02	59	57	-2	SE	3	o	0	66	52	0.12		
Fanö	29.50	59	E	4	c	29.47	-10	62	58	-3	W	4	bc	*	68	54	0.16		
Cuxhaven	29.70	63	SW	3	E	29.59	-08	60	60	-4	SW	3	o	*	66	54	0.66		
† Sumburgh Head																			
† Stornoway	29.52	52	NNW	4	o	29.52	+09	52	50	+2	NNW	4	bc	4	56	45	0.20		
Wick	29.38	51	NW	5	o	29.46	+12	52	49	-2	NW	4	o	3	55	47	0.43		
Nairn	29.49	50	WNW	1	h	29.53	+15	52	49	0	WNW	1	c	1	54	49	0.40		
† Aberdeen	29.47	54	W	3	h	29.54	+17	55	49	-1	WNW	1	c	1	62	48	0.08		
Leith	29.51	55	WSW	1	o	29.65	+18	56	52	-2	NW	1	bc	*	66	48	0.04		
† Shields	29.51	59	WNW	4	bc	29.62	+10	53	50	-3	NW	5	bc	2	64	46	-		
Spurn Head	29.55	61	W	4	c	29.65	+08	56	53	-1	W	5	b	4	65	53	-		
York	29.55	60	W	2	bc	29.68	+12	57	52	0	W	3	bc	*	66	47	-		
Nottingham	29.62	54	W	2	h	29.75	+15	55	54	-2	WNW	2	c	*	69	45	0.37		
† Ardrossan	29.56	56	NW	5	c	29.65	+15	55	52	-2	NW	1	c	1	61	52	0.01		
† Mullaghmore	29.71	58	N	5	bc	29.74	+14	54	53	+2	WSW	5	c/p	4	61	51	0.45		
Donaghadee	29.65	56	N	h	bc	29.72	+15	57	53	+2	WNW	3	bc	1	60	45	0.14		
Parsonstown	29.73	58	NW	1	c	29.81	+16	54	52	0	SSW	1	c	*	62	45	0.11		
Barrow-in-Furness	29.59	57	WNW	2	bc	29.70	+16	55	52	-1	W	3	b	4	63	52	0.03		
† Holyhead	29.65	57	NW	3	bc	29.78	+18	55	52	-1	W	4	b	3	60	52	0.81		
Liverpool (Bidston)	29.60	57	W	4	c	29.74	+16	57	52	-1	W	4	bc	4	60	53	0.06		
† Valentia	29.82	61	W	4	bc	29.82	+09	58	55	-2	ESE	2	adm	3	62	50	0.03		
Roche's Point	29.75	61	NW	4	bc	29.85	+16	58	55	+1	WSW	2	o	5	64	50	0.22		
Pembroke	29.69	58	WNW	4	c	29.82	+18	56	54	-2	WNW	1	b	2	61	54	0.01		
† Scilly	29.81	61	WNW	6	c	29.88	+15	59	55	-2	W	3	c	4	63	56	0.04		
Prawle Point	29.74	59	W	5	bc	29.85	+17	58	56	-1	W	2	b	3	63	51	0.08		
Hurst Castle	29.71	62	NW	5	c/p	29.85	+19	58	55	-1	NW	3	b	3	58	51	0.07		
† Dover	29.67	61	WSW	4	bc/p	29.78	+11	62	55	+3	W	3	b	2	66	51	0.22		
† London	29.67	59	WSW	3	c	29.80	+20	58	53	+2	WNW	2	b	*	70	47	0.47		
Oxford	29.65	52	SW	3	c	29.79	+18	56	52	-1	W	3	b	*	66	47	0.30		
Cambridge	29.62	55	SW	1	o	29.75	+13	56	52	0	W	1	b	*	69	47	0.13		
† Yarmouth	29.62	57	WSW	2	o/r	29.68	+02	55	52	-3	WNW	4	c	2	62	50	0.39		
The Helder																			
Cape Gris Nez	29.72	61	SW	7	bc	29.78	+05	55	53	-2	WNW	7	b	3	68	54	-		
† Jersey	29.83	60	W	6	bc	29.93	+16	61	58	+2	W	3	bc	3	65	56	-		
Brest	29.92	62	NW	5	o	29.91	+10	59	58	-1	NW	4	o	3	64	57	0.04		
Lorient	29.91	63	WNW	7	b	29.94	+13	60	57	-1	WSW	4	h	3	68	57	0.04		
† Rochefort	29.98	68	W	7	o	30.03	+07	64	59	-3	NW	3	bc	2	75	59	-		
Biarritz	30.07	69	N	4	o	30.10	+13	67	61	-1	NNW	4	bc	3	73	63	-		
Corunna	*	*	*	*	*				*					*	*	*			
Brussels	*	*	*	*	*	29.77	-02	58	54	-3	WSW	3	b	*	72	54	0.28		
Charleville	29.86	66	W	1	o	29.85	-01	57	53	-3	SSW	7	c	*	81	46	0.40		
Paris	29.81	59	S	4	o	29.96	+10	62	55	-4	SSW	3	bc	*	*	*	0.67		
Lyons														*	*	*			
Toulon	29.89	74	SW	3	m	29.89	-06	70	59	+1	W	5	bc	4	82	68	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.34	53	WSW	5	o	28.46	+13	50	48	-3	WSW	5	b	*	56	44	0.08		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.

Hawes Junction	29.34	53	WSW	5	o	28.46	+13	50	48	-3	WSW	5	b	56	44	0.08			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

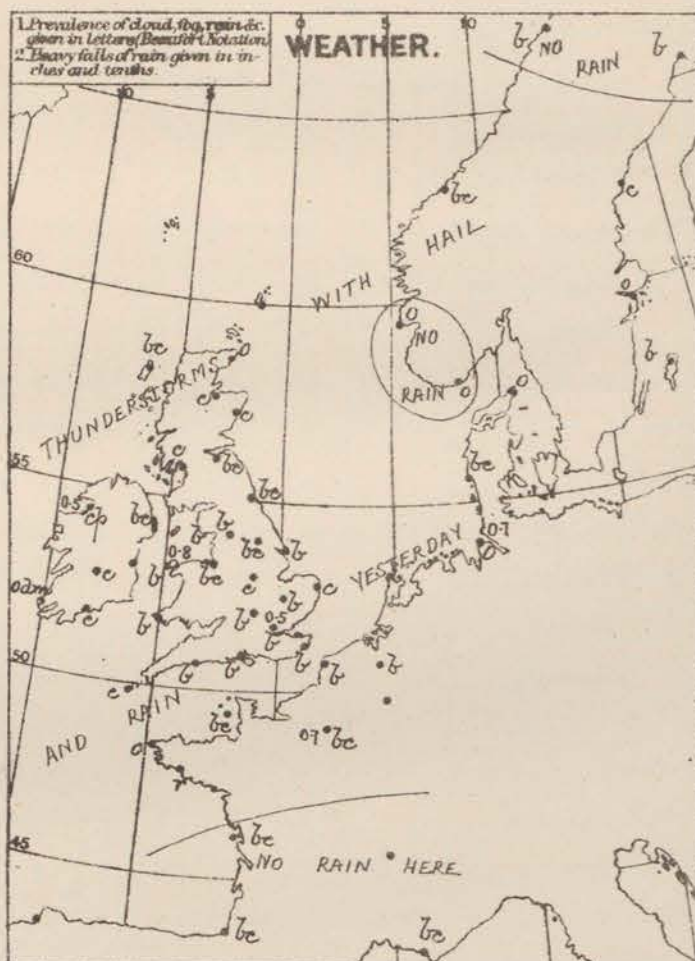
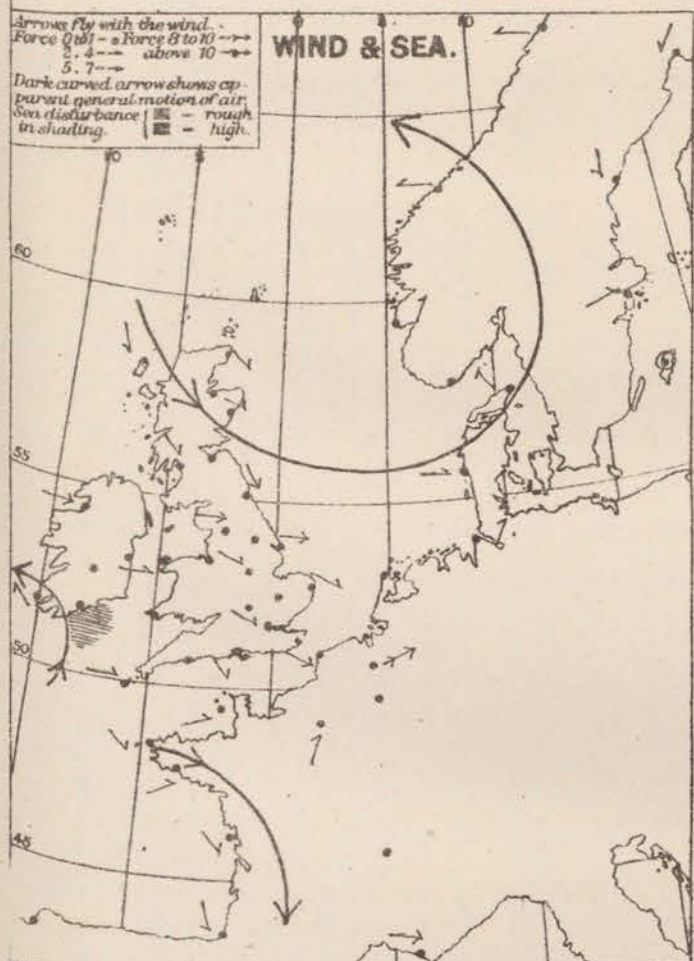
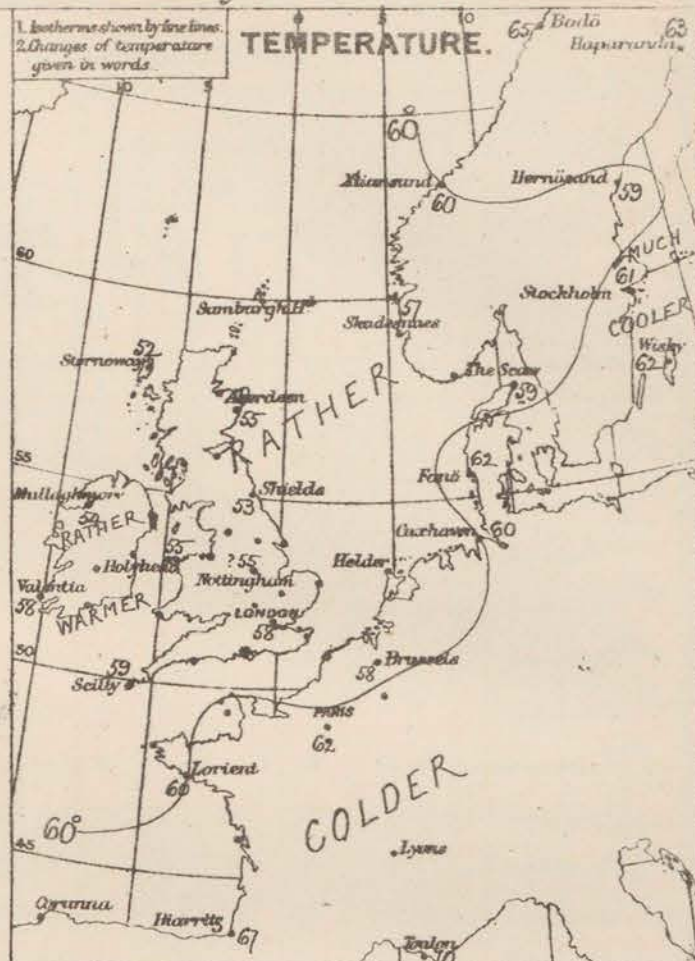
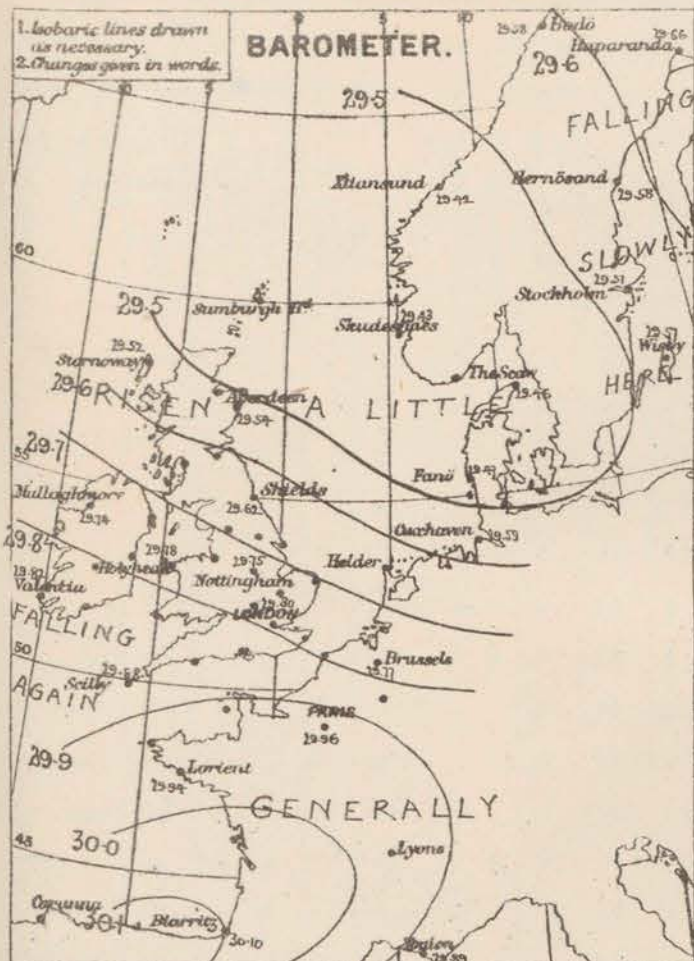
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.43	61	55	SSW	6	bc	5	Valentia ...	29.79	62	57	NW	3	c	4
Sumburgh Head	29.19	58	56	E	3	o	4	Scilly ...	29.88	62	58	W	5	o	5
Stornoway ...	29.48	52	51	NNW	4	o	4	Dover ...	29.63	64	59	W	5	bc	4
Aberdeen ...	29.41	62	55	W	4	b	2	London ...	29.64	67	59	SW	4	c	*
Shields ...	29.50	61	54	WNW	4	b	2	Yarmouth ...	29.58	59	57	NW	1	bc	2
Ardrossan ...	29.52	57	53	NW	4	c	2	Jersey ...	29.82	63	60	W	5	bc	5
Mullaghmore	29.64	60	55	NW	4	c/p	3	Rochefort ...	29.98	72	64	W	5	o	3
Holyhead ...	29.63	60	56	WSW	3	c	2								

The disturbances noticed over England this morning are passing away End and that is the north seems to be filling up. The weather is improving a little in most places.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 31st JULY 1880.



REMARKS. The depression noticed over our Islands yesterday have passed away to the E^o, the barometer has risen on all our coasts, the wind has shifted to W or NW (very generally), and the sky cleared in most places. Temperature remains low everywhere, the whole of this morning's readings being below 60°. London is the only station at which the maximum temperature for yesterday was as high as 70°. Rain and hail showers fell yesterday on almost all our coasts, in several places the falls were heavy, and were accompanied by thunder and lightning. The sky is now clear or nearly so on all but our extreme NW coasts. The sea is generally moderate or slight.

The present improvement in the weather is likely to prove only temporary, as a fresh fall of the barometer has set in at Valencia, accompanied by a shift of wind to the End and rain. This points to the advance of a new depression to our W^{est} coasts from the Atlantic.

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" book post 5/- " "

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

R. H. SCOTT.
Secretary.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1880

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sen. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
				Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
1 st	Corunna	*	*	*	*	*	30.03	- .06	61	*	- 6	NW	1	0	1	*	*	*	
2 nd	Corunna	*	*	*	*	*	30.07	+ .04	61	*	0	SE	1	6	1	*	*	*	
3 rd	Corunna	*	*	*	*	*	30.11	+ .04	63	*	+ 2	S	1	0	1	*	*	*	
5 th	Corunna	*	*	*	*	*	30.20	- .02	65	*	0	NE	?	6	5	*	*	*	
7 th	Corunna	*	*	*	*	*	30.29	+ .08	66	*	+ 1	NW	?	0	1	*	*	*	
9 th	Corunna	*	*	*	*	*	30.00	- .10	60	*	- 4	?	?	0	1	*	*	*	
10 th	Corunna	*	*	*	*	*	30.15	+ .15	62	*	+ 2	SE	1	0	1	*	*	*	
14 th	Corunna	*	*	*	*	*	30.06	- .14	66	*	0	?	?	6	1	*	*	*	
15 th	Parsonstown.	30.08	56	WNW	1	0	29.99	- .14	56	54	- 1	NNE	2	c	*	64	54	0.92	
	Holyhead	30.02	58	NE	5	h	29.96	- .11	57	56	- 3	SW	2	h	1	63	56	0.65	
16 th	Corunna	*	*	*	*	*	30.09	+ .10	67	*	+ 1	SE	1	0	1	*	*	*	
17 th	Helder	30.04	70	NE	1	c	29.95	- .13	64	63	- 6	NNE	1	0	1	75	?	0.47	
19 th	Corunna	*	*	*	*	*	30.13	- .02	68	*	+ 2	SE	1	6	2	*	*	*	
20 th	Corunna	*	*	*	*	*	30.18	+ .05	68	*	0	?	?	0	2	*	*	*	
	Dyons	30.02	83	SW	1	be	30.12	- .01	75	71	- 1	W	1	6c	*	92	65	-	
21 st	Corunna	*	*	*	*	*	30.28	+ .10	67	*	- 1	SW	1	6	1	*	*	*	
	Dyons	30.08	85	WSW	1	0	30.03	- .09	73	67	- 2	N	1	6	*	96	63	-	
22 nd	Spurn Head	30.06	57	ENE	5	6	30.04	- .05	59	55	- 1	ENE	3	6	3	63	55	-	
	Cape Gris Nez	30.00	69	E	1	m	29.95	- .14	60	58	0	NNE	1	h	1	73	55	0.32	
	Corunna	*	*	*	*	*	30.20	- .08	67	*	0	Z	0	0	1	*	*	*	
	Boulon	29.92	82	W	4	6	29.93	- .07	82	69	?	Z	0	6	1	91	73	-	
23 rd	Corunna	*	*	*	*	*	30.10	- .10	62	*	- 5	E	1	6	2	*	*	*	
24 th	Corunna	*	*	*	*	*	30.02	- .08	63	*	+ 1	SW	?	0	1	*	*	*	
26 th	Orient	29.81	54	SSW	7	e	29.60	- .36	64	62	+ 9	?	4	h	5	70	?	0.55	
	Corunna	*	*	*	*	*	29.98	+ .08	68	*	+ 1	SW	2	c	1	*	*	*	
27 th	Helder	29.48	62	W	1	0	29.74	- .03	61	60	0	W	8	0	6	68	55	0.24	
	Biarritz	30.12	71	W	5	c	30.12	+ .27	68	63	- 10	Z	0	c	3	?	61	-	
	Corunna:	*	*	*	*	*	30.15	+ .17	68	*	0	SSW	?	c	1	*	*	*	
28 th	Corunna	*	*	*	*	*	29.99	- .16	68	*	0	SE	2	c	4	*	*	*	
29 th	Corunna	*	*	*	*	*	29.96	- .03	69	*	+ 1	WNW	?	0	1	*	*	*	
	Dyons	29.85	78	NE	1	6	29.88	- .12	67	62	+ 2	NE	1	6	*	85	55	-	
30 th	The Helder	29.54	63	WSW	7	c	29.73	+ .10	62	59	0	SW	3	6c	2	70	59	-	
31 st	Lumburgh Hd	29.20	56	NW	3	h	29.30	+ .14	52	52	- 3	WNW	6	m	5	59	51	0.08	
	The Helder	29.62	59	SW	2	be	29.60	- .13	57	53	- 5	W	2	c	2	64	55	0.51	
	Corunna	*	*	*	*	*	30.19	+ .13	64	*	- 4	W	1	0	1	*	*	*	
	Dyons	29.92	72	N	1	0	30.02	+ .11	66	58	- 3	NW	1	c	*	78	56	-	

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

[illegible]