

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1881.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC^R 31ST 1881



DAILY WEATHER REPORT

F O R

SATURDAY, 1ST OCTOBER

1881.

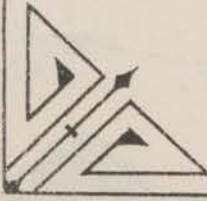
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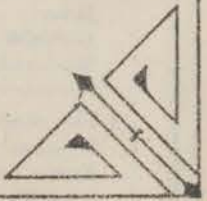
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on SATURDAY, 1st OCTOBER 1861.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ a dead calm.

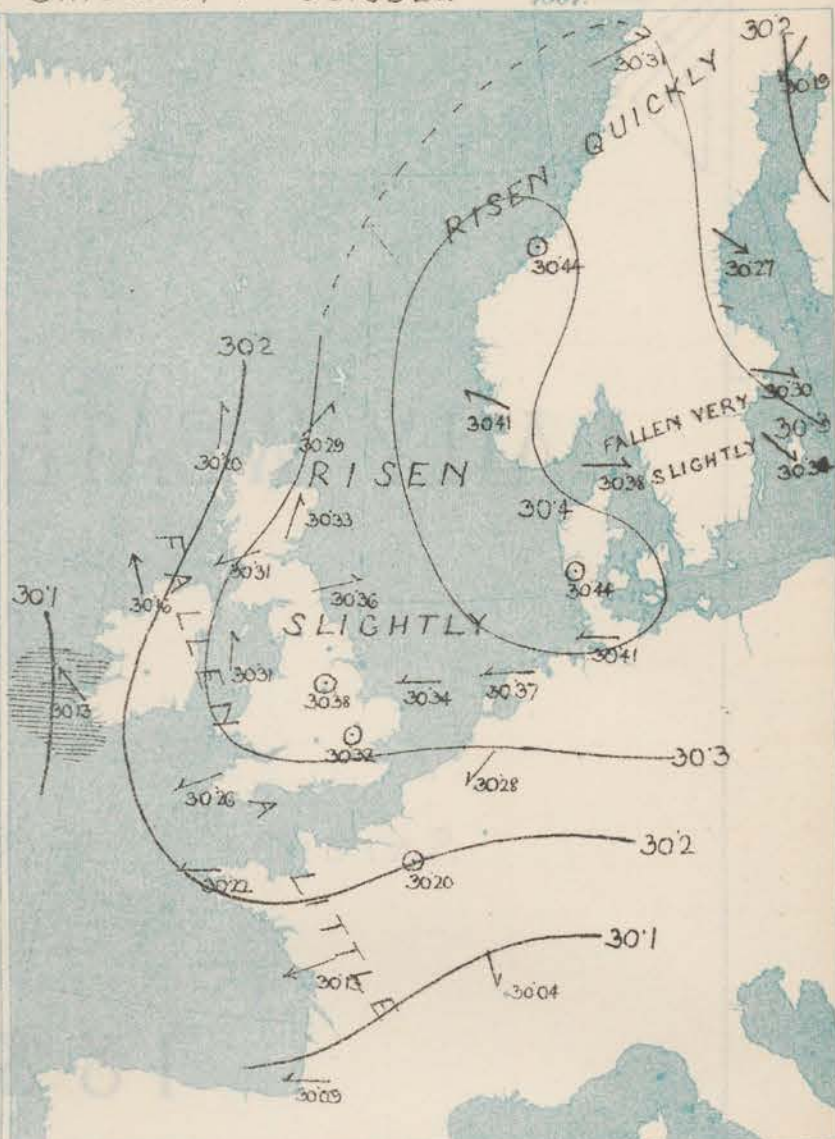
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings ins.
Nairn	29.724
Aberdeen	29.738
Leith	29.776
Scarborough	29.845
Ardrrossan	29.792
Greenacastle	29.784
Holyhead	29.850
Valentia	29.855
Roche's Pt.	29.857
Plymouth	29.920
LONDON	29.907
Yarmouth	29.892

* These means are for the 10 years 1856-65. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

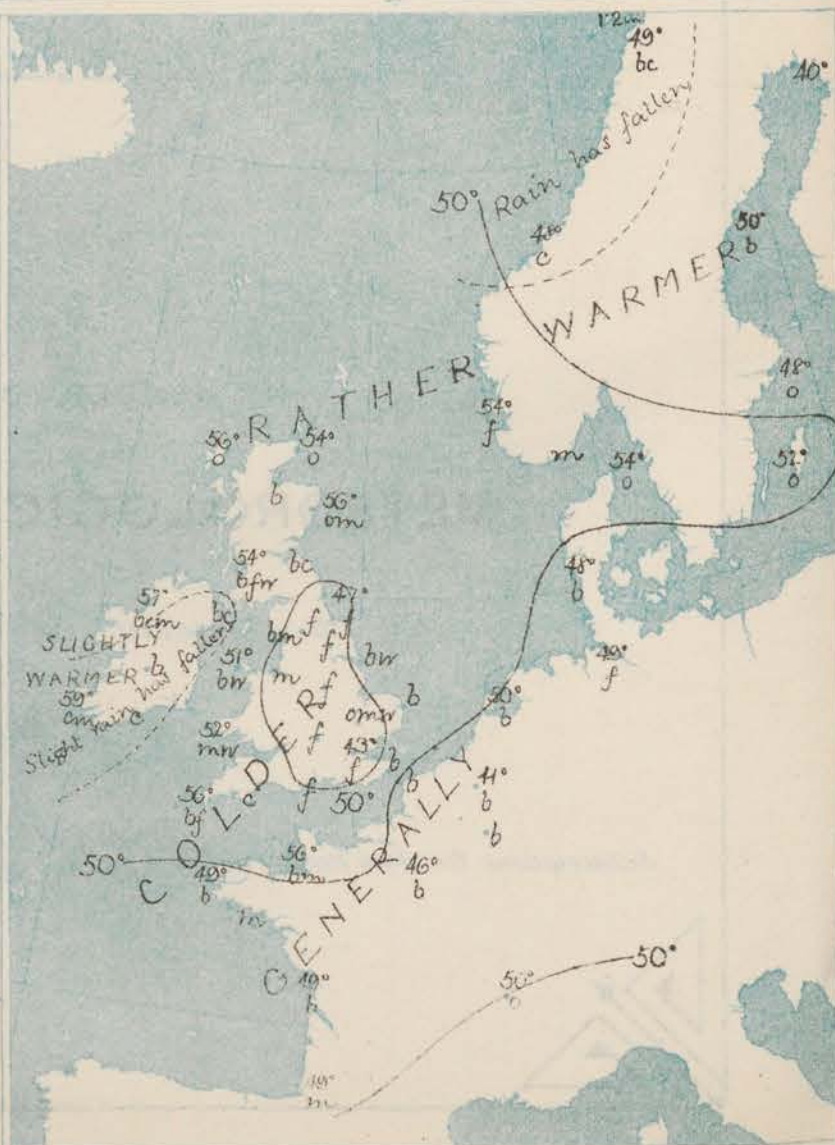
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall ins.
Sumburgh Head	46.4	2.64
Sornoway	46.6	4.88
Aberdeen	47.4	3.24
Shields	49.3	2.67
York	49.9	2.86
Mullaghmore	49.7	?
Holyhead	51.3	5.44
Parsonstown	50.2	3.63
Valentia	51.4	7.71
Sally (St Mary's)	54.8	4.91
Hurst Castle	53.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Yarmouth	51.6	2.87

* The mean Temperatures are those for the 27 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 1st OCTOBER 1881, at 8 a.m.

A slight decrease of pressure has occurred over France and our south and west coasts during the past night, while over the countries to the eastward of the North Sea, more particularly in the north of Norway, the mercury has risen. A large area of high readings lies over Denmark and the west of Norway, while relatively low pressures exist over Spain and off the west of Ireland. The wind is E¹ over France and the greater part of the North Sea, S¹ over Ireland and Scotland, and variable in Scandinavia. At Rochefort and in the west of Ireland it blows rather strongly, but elsewhere it is light or moderate. Slight showers occurred in Ireland yesterday, but elsewhere the weather has been and continues quite dry. In many places the sky is clear or nearly so, but a good deal of cloud is reported at several stations, and fog over Southern and Central England. Temperature has fallen except in the N., and ranges from 59° at Valencia to 43° in London and at Oxford. The maxima yesterday varied between 57° and 68° generally, but reached 69° at Nottingham. Sea is rough at Valencia.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

2nd OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ¹ breezes, light to moderate, fair.	6 SCOTLAND WEST	S ¹ winds, moderate, fair, mild.
2 SCOTLAND EAST	D ¹ D ¹ D ¹	7 ENGLAND N.W.	SE ¹ and S ¹ winds, light and moderate; fair mild.
3 ENGLAND N.E.	SE ¹ breezes or variable airs, fair, fog at night.	8 ENGLAND S.W.	E ¹ winds, moderate and fresh; fair, cool.
4 ENGLAND EAST	E ¹ breezes, moderate or fresh, fair, cool.	9 IRELAND NORTH	S ¹ (SE-SW) winds, light in E, strong in W.; becoming dull, some rain in W.
5 MIDLAND COUNTIES	Same as N° 2	10 IRELAND SOUTH	D ¹ D ¹ D ¹
6 ENGLAND SOUTH	Same as N° 3	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

1ST OCT^R

1881.

* YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	45	SE	2	a	30.19	+1.5	40	40	0	NE	2	0	*	46	36	0.63					
Hernösand ...	30.09	55	W	4	c	30.27	+1.0	50	44	+4	NNW	6	b	*	63	41	-					
Stockholm ...	30.24	51	W	6	0	30.30	0.00	48	45	0	WNW	2	0	*	57	45	-					
Wisby ...	30.34	48	WNW	6	b	30.32	-0.5	52	51	+2	NNW	4	0	*	57	46	-					
Bodö ...	29.97	45	SW	8	0	30.31	+1.9	49	46	+1	WSW	2	b	2	50	46	1.18					
Christiansund...	30.29	49	W	3	b	30.44	+1.46	48	46	-6	SSE	1	c	h	?	37	0.12					
†Skudesnaes ...	30.37	55	SSW	2	f	30.41	+1.9	54	54	0	ESE	1	f	2	55	54	-					
Oxö (Xiansund) ...	30.38	54	W	2	m	30.38	+0.4	54	53	+5	W	2	m	1	54	?	-					
Skagen (The Skaw) ...	30.39	51	W	2	b	30.38	-0.2	54	53	+4	W	2	0	2	55	48	-					
Fanö ...	30.47	48	SSE	1	b	30.44	-0.0	48	47	0	Z	0	b	*	51	41	-					
Cuxhaven ...	30.42	?	E	2	b	30.41	-0.2	49	48	0	E	2	f	*	54	43	-					
†Sumburgh Head ...																						
†Stornoway ...	30.25	53	SSE	1	o	30.20	-0.2	56	55	+6	S	2	0	2	57	44	-					
Wick ...	30.30	54	S	2	b	30.29	+0.3	54	53	+5	SW	1	0	2	60	?	-					
Nairn ...	30.26	57	Z	0	b	30.28	+0.6	54	52	+1	Z	0	b	0	60	46	-					
†Aberdeen ...	30.31	55	NE	1	om	30.33	+0.9	56	54	0	SSW	1	om	1	54	53	-					
Leith ...	30.30	60	SSW	1	o	30.33	+1.0	54	53	-5	E	1	b	*	62	52	-					
†Shields ...	30.32	59	Z	0	o	30.36	+0.8	47	47	-7	WSW	1	f	2	62	47	-					
Spurn Head ...	30.35	56	SE	4	b	30.35	0.00	56	55	+3	E	3	b	3	63	52	-					
York ...	30.36	59	S	1	b	30.39	+0.4	48	48	-3	Z	0	f	*	65	45	-					
Nottingham ...	30.36	55	S	1	b	30.38	+0.1	45	45	-8	Z	0	f	*	69	38	-					
†Ardrossan ...	30.29	57	SSE	1	of	30.31	+0.7	54	52	-1	ESE	2	b	1	61	50	-					
†Mullaghmore ...	30.19	58	ESE	3	om	30.16	-0.8	57	55	+3	SSE	5	b	3	60	54	-					
Donaghadee ...	30.28	57	SSW	3	o	30.30	+0.5	56	55	+1	SSE	1	b	0	58	53	0.01					
Parsonstown ...	30.21	60	SSE	1	o	30.21	-0.4	54	52	0	SSE	2	b	*	61	52	0.01					
Barrow-in-Furness ...	30.34	58	S	2	o	30.34	+0.5	50	49	-4	NE	2	b	2	60	49	-					
†Holyhead ...	30.31	58	SSW	2	c	30.31	+0.3	51	49	-6	S	1	b	1	60	49	-					
Liverpool (Bidston) ...	30.33	57	SE	1	b	30.34	+0.1	48	47	-5	SE	2	m	1	63	46	-					
†Valentia ...	30.19	58	S	2	b	30.13	-1.1	59	56	+2	SE	6	em	6	63	54	0.02					
Roche's Point...	30.23	60	SSE	3	c	30.22	-0.1	58	55	+1	SSE	5	c	4	64	55	0.02					
Pembroke ...	30.30	57	S	2	c	30.27	-0.3	52	51	-6	E	2	m	1	59	51	-					
†Scilly ...																						
Prawle Point ...	30.33	55	ESE	2	b	30.27	-0.8	55	54	-2	ESE	4	c	3	62	53	-					
Hurst Castle ...	30.34	57	SE	3	b	30.29	-0.7	49	49	-5	ESE	1	f	2	62	45	-					
†Dover ...	30.34	57	E	2	b	30.28	-1.0	54	49	0	E	4	b	2	59	51	-					
†London ...	30.36	54	E	2	b	30.32	-0.8	43	42	-2	Z	0	f	*	65	39	-					
Oxford ...	30.35	48	WSW	1	h	30.34	-0.5	43	43	-2	NE	2	f	*	63	42	-					
Cambridge ...	30.36	54	SE	1	b	30.35	-0.5	45	45	-1	NE	1	om	*	65	40	-					
†Yarmouth ...	30.38	57	ESE	2	b	30.34	-0.6	55	51	+3	E	4	b	3	60	50	-					
The Helder ...	30.38	54	ESE	3	b	30.37	-0.4	50	46	-1	E	1	b	1	57	48	-					
Cape Gris Nez ...	30.36	55	NE	4	b	30.25	-1.1	47	46	-3	ESE	4	b	2	61	45	-					
†Jersey ...	30.32	56	ESE	2	b	30.26	-1.3	56	52	+3	ESE	2	b	2	60	49	-					
Brest ...	30.25	57	NE	3	b	30.22	-0.8	49	48	-6	E	3	b	3	66	46	-					
Lorient ...	30.21	60	E	3	b	30.19	-0.9	49	47	-4	E	4	m	1	64	46	-					
†Rochefort ...	30.18	62	NE	5	b	30.13	-1.3	49	49	-3	ESE	7	b	2	70	45	-					
Biarritz ...	30.15	62	N	3	b	30.09	-1.1	49	47	-1	E	4	m	3	66	46	-					
Corunna ...	*	*	*	*	*			*						*	*	*						
Brussels ...	*	*	*	*	*	30.28		41	40		NE	4	b	*	58	38	-					
Charleville ...	30.13	54	NN	5	b	30.21	-1.5	41	39	-3	W	1	b	*	72	36	-					
Paris ...	30.25	55	NNE	1	b	30.20	-1.8	46	43	0	Z	0	b	*	*	*	-					
Lyons ...	30.09	53	NNW	3	c	30.04		50	45		NNW	4	o	*	53	47	-					
Toulon ...																						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.10	55	S	1	b	29.12	+0.5	40	40	-12	ESE	1	f	*	58	38	-					

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

Hawes Junction	30.10	55	S	1	b	29.12	+0.5	40	40	-12	ESE	1	f	*	58	38	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

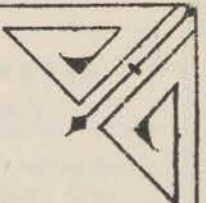

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.32	54	54	SSW	2	2 f	5	Valentia ...	30.24	62	56	WSW	2	c	3
Sumburgh Head								Scilly ...							
Stornoway ...	30.26	57	54	SSE	2	b	2	Dover ..	30.36	59	55	E	2	b	1
Aberdeen ...	30.31	56	54	NE	1	c	1	London ...	30.37	60	56	SE	2	c	*
Shields ...	30.31	60	57	SW	2	o	2	Yarmouth ...	30.39	59	56	NE	2	b	1
Ardrossan ...	30.25	58	57	Z	0	o	0	Jersey ...	30.35	58	54	E NE	2	b	3
Mullaghmore ...	30.24	58	56	E	3	o m	2	Rochefort ...	30.23	64	56	E NE	5	o	2
Holyhead ...	30.31	60	57	S	3	m	2	Ben. Nevis (4966 Ft)	25.74	42	42	SE	1	o	49
								9 am on Sept. 30th						39	1.20

Ben Mevis (456 ft)
9 a.m. on Sept. 30th

There has been no important change in pressure or winds and the weather remains fair generally though more cloudy than it was this morning. Temperature ranges from 62° at Valentia to 56° at Aberdeen.

EXPLANATION OF COLUMNS.

WEATHER.—*Deaufort* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (bazy) 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SUNDAY, 2ND OCTOBER

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Dwyerfield Lich 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on SUNDAY, 2ND OCTOBER, 1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
○ dead calm.

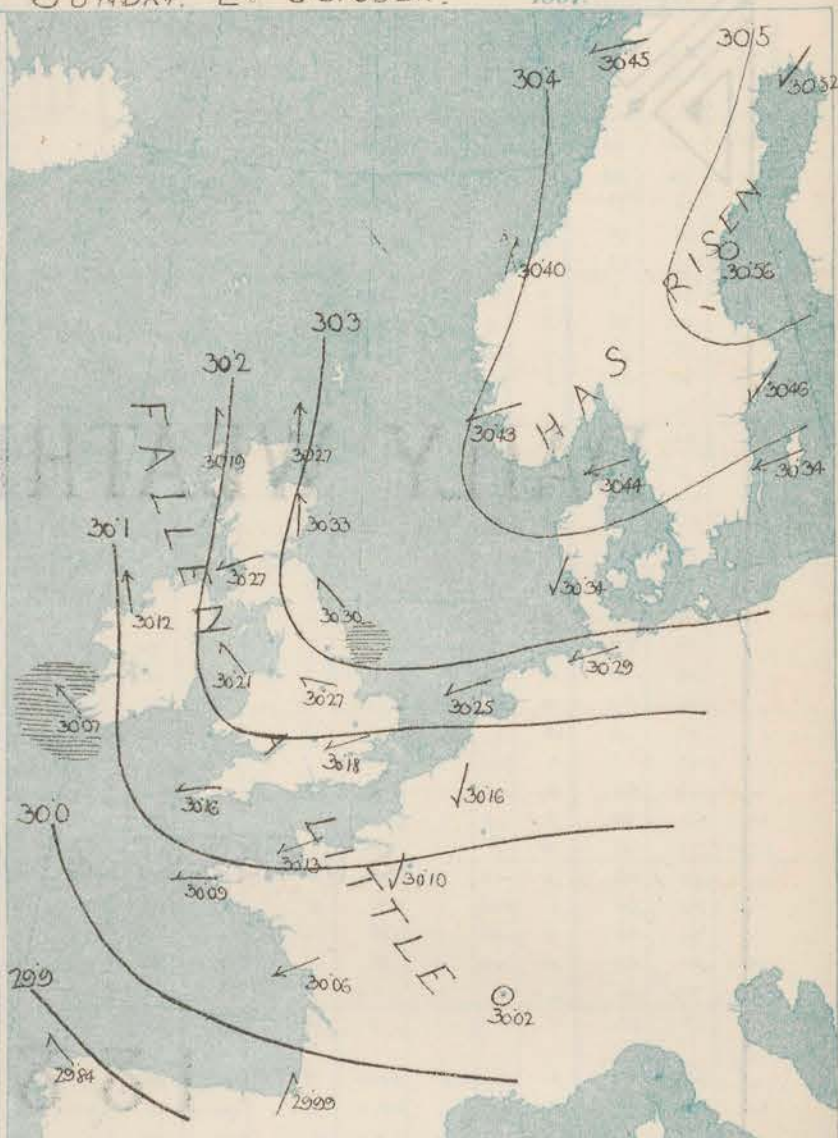
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings, ins.
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Greencastle	29.784
Holyhead	29.830
Valentia	29.853
Roche's Pt.	29.827
Plymouth	29.920
LONDON	29.907
Varmouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Sunday 2nd Oct^r 1881 at 8 a.m.

The weather today is quite exceptionally fine, from away in the far N. of Sweden southward as far as the south of France, the sky is clear at nearly every station, while there has been a complete absence of rain over the whole of Western Europe. The fog which has also been prevalent during the past few days over Central and southern England has been driven away. A brisk E^l wind prevails over England and France, and a S^l wind over Ireland and Scotland.

Temperature has fallen everywhere, and ranges at present from 57° in the south of Ireland to 47° over Scotland and 44° at Cambridge.

The barometer has risen in the N., and fallen in the southern portion of our area, and readings are now highest (30.56 ins.) at Hornsea, and lowest (30.2 ins.) at Lyons.

The sea is generally moderate to slight, but is rising on our East coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

NONE ISSUED.

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 1st OCTOBER. 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 99).	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 ...	30.46	33	Z	0	b	30.52	+ .33	33	33	—	7	NE	2	b	*	46	—	—	
Hernösand ...	30.50	44	Z	0	b	30.56	+ .29	38	37	—	12	Z	0	b	*	61	?	—	
Stockholm ...	30.34	46	NNE	4	c	30.46	+ .16	47	44	—	1	NE	4	0	*	54	45	—	
Wisby ...	30.34	61	NNE	6	bc	30.34	+ .02	50	46	—	2	ENE	6	0	*	54	50	—	
Bodö ...	30.45	44	E	2	b	30.45	+ .14	42	40	—	7	E	2	b	1	52	37	—	
Christiansund ...	30.40	48	NE	1	b	30.40	— .04	46	44	—	2	SSW	2	b	4	54	32	—	
†Skudesnaes ...	30.39	53	NNE	2	b	30.43	+ .02	52	51	—	2	ENE	1	b	2	61	?	—	
Oxö (Kämnund) ...	30.40	52	NE	4	m	30.45	+ .07	50	48	—	4	NNE	4	7	2	55	48	—	
Skagen (The Skaw) ...	30.40	50	ENE	3	b	30.44	+ .06	49	46	—	5	ENE	5	0	4	55	46	—	
Fanö ...	30.36	53	Z	0	o	30.34	— .10	53	52	—	5	NE	4	c	*	57	46	—	
Cuxhaven ...	30.33	?	ENE	3	b	30.29	— .12	53	52	—	4	ENE	3	0	*	55	45	—	
†Sumburgh Head ...	30.18	36	SW	3	b	30.14	— .01	54	50	—	2	S	4	b	3	61	51	—	
†Stornoway ...	30.24	56	SE	2	o	30.17	— .09	52	50	—	2	S	6	b	4	54	50	—	
Wick ...	30.22	55	Z	0	b	30.24	— .04	47	45	—	7	Z	0	bc	1	62	46	—	
Nairn ...	30.31	52	Z	0	b	30.33	+ .00	53	50	—	3	S	2	c	1	63	48	—	
†Aberdeen ...	30.28	52	SSW	1	b	30.31	— .02	47	45	—	7	S	1	b	*	65	39	—	
Leith ...	30.31	53	ESE	3	b	30.30	— .06	53	49	—	6	SSE	2	0	2	58	45	—	
†Shields ...	30.29	53	E	4	b	30.26	— .09	56	54	—	0	ENE	4	b	5	59	53	—	
Spurn Head ...	30.33	52	E	1	b	30.30	— .09	53	50	—	5	NNE	1	c	*	60	44	—	
York ...	30.30	50	ENE	2	b	30.27	— .11	54	50	—	9	ESE	3	b	*	63	44	—	
Nottingham ...	30.24	57	Z	0	b	30.29	— .04	47	44	—	7	ENE	3	wbg	2	62	42	—	
†Ardrossan ...	30.12	52	S	5	c	30.12	— .04	53	51	—	4	SSE	5	bc	3	61	51	—	
†Mullaghmore ...	30.25	54	S	1	b	30.24	— .06	53	50	—	3	SSE	4	bc	2	59	51	—	
Donaghadee ...	30.18	55	ESE	1	bc	30.46	— .05	51	50	—	3	SSE	1	b	*	62	45	—	
Parsonstown ...	30.27	55	Z	0	b	30.26	— .08	49	47	—	1	NE	2	b	1	64	45	—	
Barrow-in-Furness ...	30.23	55	NNE	1	b	30.21	— .10	47	40	—	4	SE	1	bc	1	60	45	—	
†Holyhead ...	30.26	58	ESE	2	b	30.26	— .08	48	46	—	0	ESE	1	f	1	54	42	—	
Liverpool (Bidston) ...	30.09	58	SE	5	b	30.07	— .06	58	53	—	1	SE	5	c	5	62	50	—	
†Valentia ...	30.17	59	SSE	5	bc	30.13	— .09	57	54	—	1	SSE	5	b	4	63	54	—	
Roche's Point ...	30.20	55	E	2	b	30.18	— .09	48	46	—	4	E	3	b	1	67	46	—	
Pembroke ...	30.20	54	ENE	3	b	30.15	— .12	52	48	—	3	ENE	4	bc	3	60	48	—	
†Scilly ...	30.20	57	ENE	4	b	30.15	— .14	48	47	—	1	ENE	4	bc	3	62	43	0 p.	
Prawle Point ...	30.20	55	NE	5	b	30.15	— .13	54	49	—	0	ENE	4	b	3	57	50	—	
Hurst Castle ...	30.24	53	E	2	b	30.18	— .14	55	49	—	12	ENE	2	bc	*	63	43	—	
†Dover ...	30.24	48	NE	1	b	30.21	— .13	47	45	—	4	ENE	2	bc	*	62	42	—	
London ...	30.24	52	ENE	1	b	30.23	— .12	44	44	—	1	NE	1	b	*	61	36	—	
Oxford ...	30.24	55	ENE	6	b	30.22	— .12	56	50	—	1	ENE	6	b	4	57	51	—	
Cambridge ...	30.24	53	ENE	4	b	30.25	— .12	49	46	—	1	ENE	4	b	2	55	48	—	
†Yarmouth ...	30.17	54	NE	4	b	30.14	— .11	43	41	—	4	ENE	5	b	4	57	41	—	
The Helder ...	30.18	54	ENE	3	b	30.13	— .13	54	52	—	2	ENE	3	bc	3	60	48	—	
Cape Gris Nez ...	30.13	55	ENE	4	b	30.09	— .13	46	44	—	3	E	3	b	2	64	43	—	
†Jersey ...	30.11	60	E	3	b	30.05	— .14	47	44	—	2	ENE	4	b	1	64	45	—	
Brest ...	30.06	61	NNE	5	b	30.06	— .07	47	45	—	2	ENE	5	b	2	?	43	—	
Lorient ...	30.00	61	NNW	4	b	29.99	— .10	54	50	—	5	SSW	1	?	3	63	46	—	
†Rochefort ...	30.00	61	NNW	4	b	29.99	— .10	55	50	—	2	ESE	1	b	1	*	*	*	
Biarritz ...	30.09	50	Z	0	b	30.40	— .12	39	38	—	2	NE	3	b	*	57	37	—	
Corunna ...	30.09	50	Z	0	b	30.08	— .13	44	40	—	3	ESE	4	b	*	63	39	—	
Brussels ...	30.09	53	NNE	1	b	30.10	— .10	43	40	—	3	NNE	3	b	*	*	*	—	
Charleville ...	30.03	48	N	1	b	30.02	— .02	46	45	—	4	NNE	1	c	*	54	45	0.04	
Paris ...	30.03	48	N	1	b	30.02	— .02	46	45	—	4	NNE	1	c	*	54	45	0.04	
Lyons ...	30.03	48	N	1	b	30.02	— .02	46	45	—	4	NNE	1	c	*	54	45	0.04	
Toulon ...	30.03	48	N	1	b	30.02	— .02	46	45	—	4	NNE	1	c	*	54	45	0.04	

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

Hawes Junction	29.06	48	SE	1	b	29.03	— .09	46	44	+ 6	SE	2	bc	—	54	39	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	30.40	61	56	W	2	bef	3	Valentia ...	30.10	62	57	SE	7	sm	6
Sumburgh Head								Scilly ...							
Stornoway ...	30.18	60	55	SSW	5	b	4	Dover ..	30.22	56	52	E	5	b	3
Aberdeen ...	30.82	59	56	S	1	b	1	London ...	30.24	60	55	E	2	b	•
Shields ...	30.82	56	53	ESE	3	b	2	Yarmouth ...	30.30	56	51	ENE	5	b	4
Ardrossan ...	30.27	59	56	SSE	2	b	1	Jersey ...	30.20	59	55	NE	3	b	2
Mullaghmore ...	30.15	55	55	SSE	5	om	4	Rochefort ...	30.08	69	65	ENE	5	b	2
Holyhead ...	30.27	60	55	SW	2	b	1								

Pressure is decreasing slowly but uniformly everywhere, and very fine, bright weather prevails except at Valentia where the sky is cloudy and misty, and the SE wind has increased to a moderate gale. Temperature has risen briskly and ranges from 62° in the S. to 56° in our East coast.

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) or 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

MONDAY, 3RD OCTOBER

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

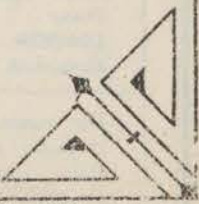
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



ROBERT H. SCOTT
(SECRETARY.)



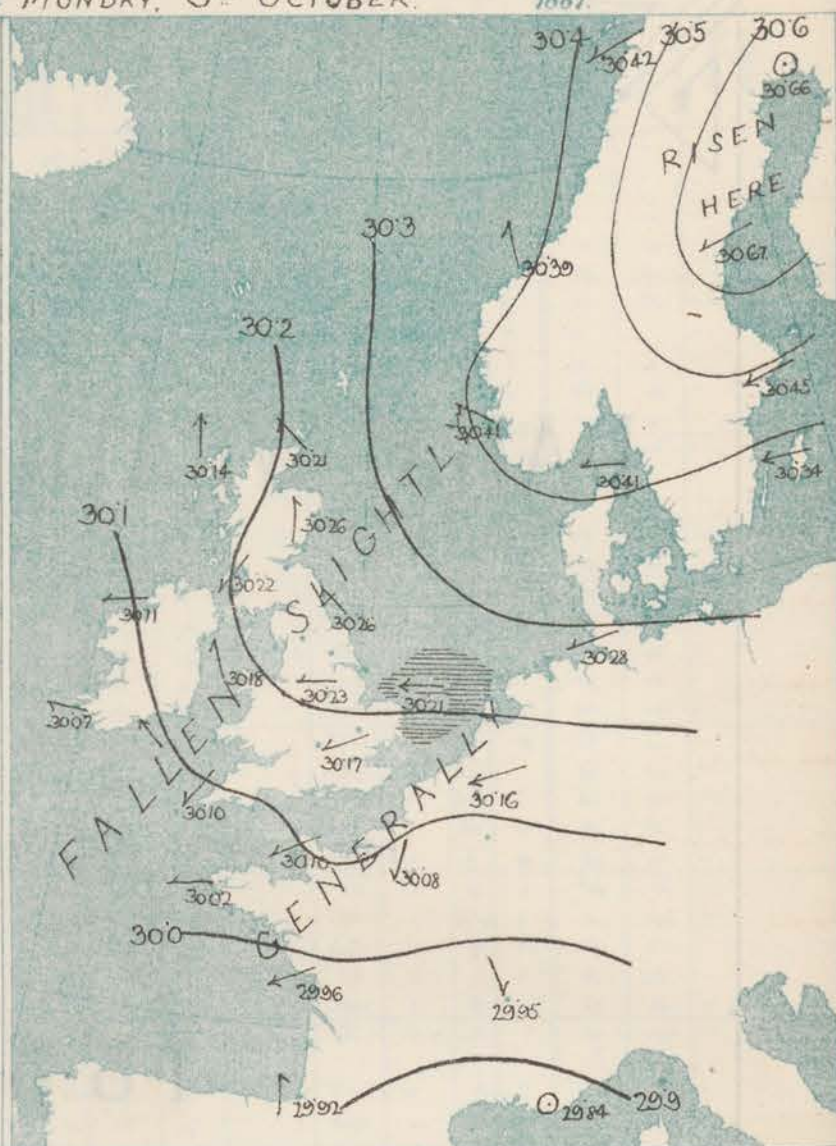
1881.

Explanation of Map.

Sea Disturbance; where considerable, is shown by shading round the coast; thus  - Rough;  - High.

for the month of October

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



with RAINFALL in PAST 24 HOURS

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

for the month of October

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1860 to 1875.



REMARKS

for... MONDAY OCT^R 3RD 1881, at 8 a.m.

The changes in pressure are extremely slight, and the general distribution remains little altered. A large anticyclone lies over Sweden and the Gulf of Bothnia, and comparatively low pressures over the south of France, the gradients in the intervening space being nowhere steep. E^{ly} winds prevail over the south of Scandinavia, Denmark, France, and nearly the whole of the British Islands, but in the north of Scotland and in part of Norway the wind is S^{ly}. At Yarmouth it blows strongly, and at a few other stations fresh, but in general it is light or moderate. The sky is rather more cloudy than it was at the same time yesterday, but the weather is on the whole fine in many parts of our area, and there has been no rain during the past twenty four hours over the whole of Western Europe. Temperature has changed irregularly, and ranges from 56° at Spurn Head to 41° at Parsonstown. The sea is moderate to smooth except at Yarmouth, where it is rather rough.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the
4TH OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S ^{ly} and SE ^{ly} winds, moderate and fresh; fair.
2	SCOTLAND EAST	----- D ^{ly} ----- D ^{ly} ----- D ^{ly} -----
3	ENGLAND NE	E ^{ly} and SE ^{ly} winds, moderate; fair, cloudy, cool.
4	ENGLAND EAST	Fresh or strong E ^{ly} winds, fair, cool.
5	MIDLAND COUNTIES	Same as N ^o 2
6	ENGLAND SOUTH	Same as N ^o 3

7	SCOTLAND WEST	E ^{ly} (NE-SE) winds, moderate; fine.
8	ENGLAND N.W.	SE ^{ly} winds, light; fine.
9	ENGLAND S.W.	NE ^{ly} and E ^{ly} winds, light; fine, cool.
10	IRELAND NORTH	E ^{ly} (SE-NE) winds, moderate and fresh; fine.
11	IRELAND SOUTH	----- D ^{ly} ----- D ^{ly} ----- D ^{ly} -----
WARNINGS		NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

3rd OCT^r

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 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.			Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.										
Haparanda ...	30.57	32	Z	0	b	30.66	+1.4	32	32	-1	Z	0	C				45	30	-
Hernösand ...	30.54	42	SE	2	o	30.67	+1.1	42	38	+4	ENE	2	O	*			59	28	-
Stockholm ...	30.41	42	N	2	o	30.45	-0.1	44	39	-5	ENE	6	O	*			50	39	-
Wisby ...	30.36	46	NE	4	bc	30.34	0.0	45	41	+4	E	6	b	*			54	41	-
Bodö ...	30.41	43	E	3	b	30.42	-0.3	46	42	+4	ENE	4	b	*			52	41	-
Christiansund ...	30.38	51	SE	2	C	30.39	-0.1	48	45	+3	SSE	1	b	4			54	34	-
†Skudesnaes ...	30.41	53	WSW	2	O	30.41	-0.2	51	46	-5	ESE	4	b	4			61	?	-
Oxö (Christiansund) ...	30.42	48	ENE	4	e	30.42	-0.3	47	45	-2	ENE	4	e	2			50	46	-
Skagen (The Skaw) ...	30.41	51	E	3	e	30.41	-0.3	48	43	-5	E	4	e	4			72	46	-
Fanö ...																			
Cuxhaven ...	30.25	?	ENE	4	b	30.28	-0.1	52	50	-2	ENE	3	bc	*			55	46	-
†Sumburgh Head ...																			
†Stornoway ...	30.15	53	SW	3	b	30.14	-0.5	53	50	-3	S	5	C	4			58	47	-
Wick ...	30.20	54	S	3	b	30.21	-0.6	53	50	-3	SE	3	b	3			59	49	-
Nairn ...	30.19	54	Z	0	b	30.22	-0.2	44	42	-2	Z	0	bc	0			58	42	-
†Aberdeen ...	30.27	53	SSE	3	O	30.26	-0.1	54	53	+1	S	3	O	2			57	50	-
Leith ...	30.26	54	SW	1	b	30.24	-0.1	48	47	+1	S	1	bc	*			60	41	-
†Shields ...	30.26	53	SE	1	O	30.26	-0.4	53	52	-1	SE	3	O	3			57	50	-
Spurn Head ...	30.23	54	ENE	4	C	30.23	-0.3	56	56	0	E	4	b	4			57	54	-
York ...	30.26	54	E	1	C	30.25	-0.5	53	51	-2	E	1	O	*			63	49	-
Nottingham ...	30.26	53	ENE	3	b	30.23	-0.4	53	52	-1	E	2	C	*			63	48	-
†Ardrossan ...	30.20	55	ENE	2	b	30.22	-0.5	47	46	-1	NE	3	bc	2			59	42	-
†Mullaghmore ...	30.09	57	SE	4	O	30.11	-0.1	49	47	-2	E	4	b	3			60	48	-
Donaghadee ...	30.20	54	ESE	2	b	30.19	-0.5	54	52	-2	SSE	4	C	2			56	52	-
Parsonstown ...	30.13	52	ESE	1	b	30.14	-0.2	41	40	-1	Z	0	b	*			59	38	-
Barrow-in-Furness ...	30.19	57	ENE	3	b	30.20	-0.6	50	49	+1	NE	3	e	2			63	47	-
†Holyhead ...	30.17	55	ENE	3	C	30.18	-0.3	47	46	-1	SSE	2	bc	1			57	44	-
Liverpool (Bidston) ...	30.19	55	E	3	b	30.20	-0.6	52	50	-2	E	1	m	2			60	47	-
†Valentia ...	30.07	57	ESE	5	bc	30.07	0.0	54	53	-1	ESE	1	bc	2			62	50	-
Roche's Point ...	30.13	56	SE	4	b	30.09	-0.4	57	63	6	SE	5	b	4			60	48	-
Pembroke ...	30.14	55	ESE	2	b	30.12	-0.6	48	47	-1	E	2	bc	1			58	46	-
†Scilly ...																			
Prawle Point ...	30.11	54	ENE	4	e	30.10	-0.5	50	49	-1	NE	5	C	3			58	48	-
Hurst Castle ...	30.10	56	ESE	4	b	30.12	-0.3	49	48	-1	ENE	4	bc	3			61	42	-
†Dover ...	30.12	54	ENE	5	b	30.14	-0.1	52	49	-3	E	4	b	3			56	51	-
†London ...	30.18	55	ENE	2	bc	30.17	-0.1	48	46	-2	ENE	1	bc	*			61	40	-
Oxford ...	30.17	48	ENE	1	b	30.18	-0.3	48	47	+1	NE	1	bc	*			61	43	-
Cambridge ...	30.17	51	NE	1	b	30.21	-0.2	48	47	+1	NE	1	b	*			61	41	-
†Yarmouth ...	30.18	55	ENE	6	bc	30.21	-0.1	54	50	-4	E	6	bc	5			57	52	-
The Helder ...	30.22	53	ENE	3	C	30.25	0.0	49	47	-2	E	3	C	2			54	48	-
Cape Gris Nez ...																			
†Jersey ...	30.10	54	NE	2	b	30.10	-0.3	54	52	-2	ENE	2	bc	2			59	47	-
Brest ...	30.04	54	ESE	4	b	30.02	-0.1	47	46	-1	E	3	b	2			64	45	-
Lorient ...	30.01	56	SEW	1	b	30.02	-0.3	50	48	-2	E	4	m	1			64	46	-
†Rochefort ...	29.99	61	ENE	4	b	29.98	-0.10	48	46	-2	ENE	5	b	2			70	43	-
Biarritz ...	29.96	60	ENE	4	b	29.92	-0.07	53	48	-5	S	4	m	4			63	46	-
Corunna ...	*	*	*	*	*			*						*			*	*	*
Brussels ...	*	*	*	*	*	30.16	0.00	42	42	+0	ENE	5	f	*			56	40	-
Charleville ...	30.07	52	ESE	1	b	30.08	0.00	40	38	-2	NE	1	b	*			58	39	-
Paris ...	30.09	52	N	4	b	30.08	-0.02	47	44	-3	ENE	3	b	*			*	*	-
Lyons ...	29.99	55	ENE	1	b	29.95	-0.07	48	46	-2	ENE	1	O	*			60	48	-
Toulon ...	29.93	56	W	2	b	29.84	-0.09	56	49	-7	Z	0	b	2			63	54	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	29.99	48	ESE	2	bc	29.00	-0.03	48	47	+1	SE	1	O	*			55	43	0.02

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.43	61	51	WSW	2	b	Valentia ...						
Sumburgh Head ...							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	30.03	69	59	ENE	4	b
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 (hazy); 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 4TH OCTOBER.

1881.

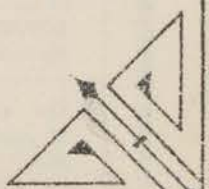

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on **TUESDAY, 4TH OCTOBER, 1881.**

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 6 to 7; → forces 4 to 5;
○ dead calm.

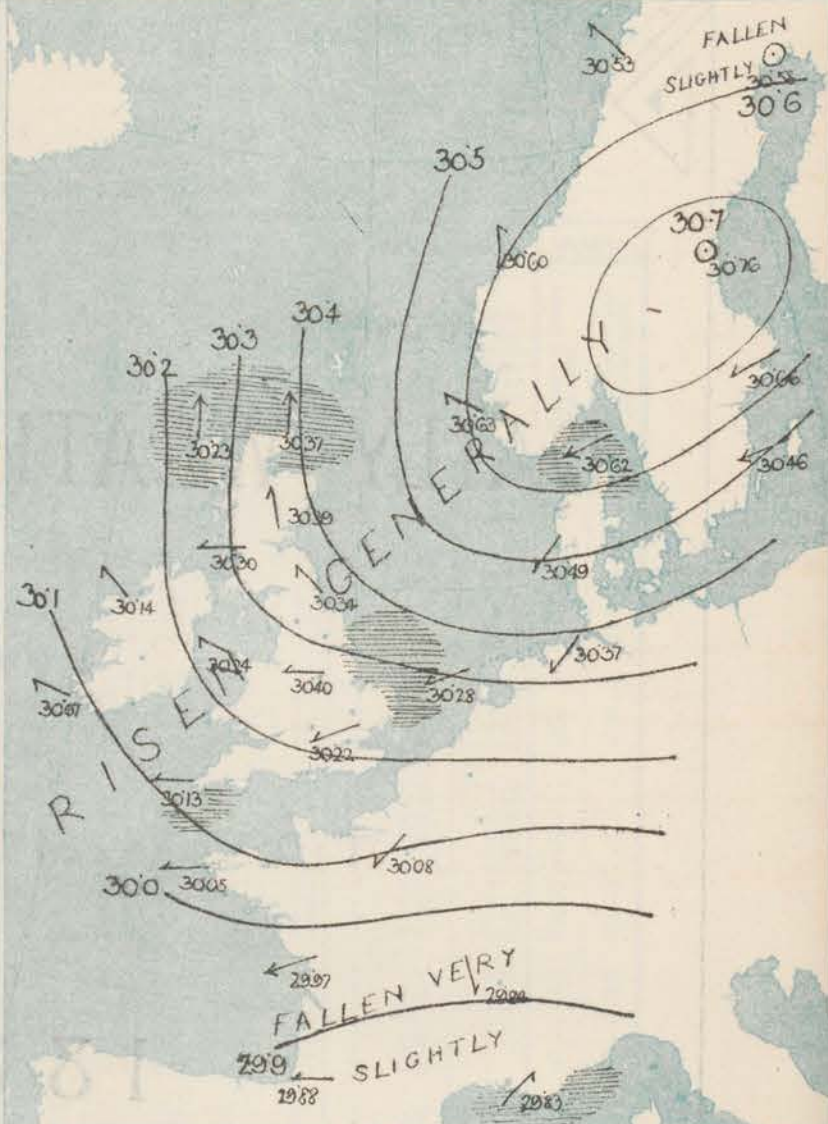
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations	Mean Readings Inch.
Nairn	29.724
Aberdeen	29.788
Leith	29.776
Scarborough	30.842
Ardrossan	29.792
Greenock	29.784
Holyhead	29.820
Valentia	29.852
Roche's Pt.	29.827
Plymouth	29.920
LONDON	29.907
Yarmouth	29.903

* These means are for the 10 years 1850-59. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

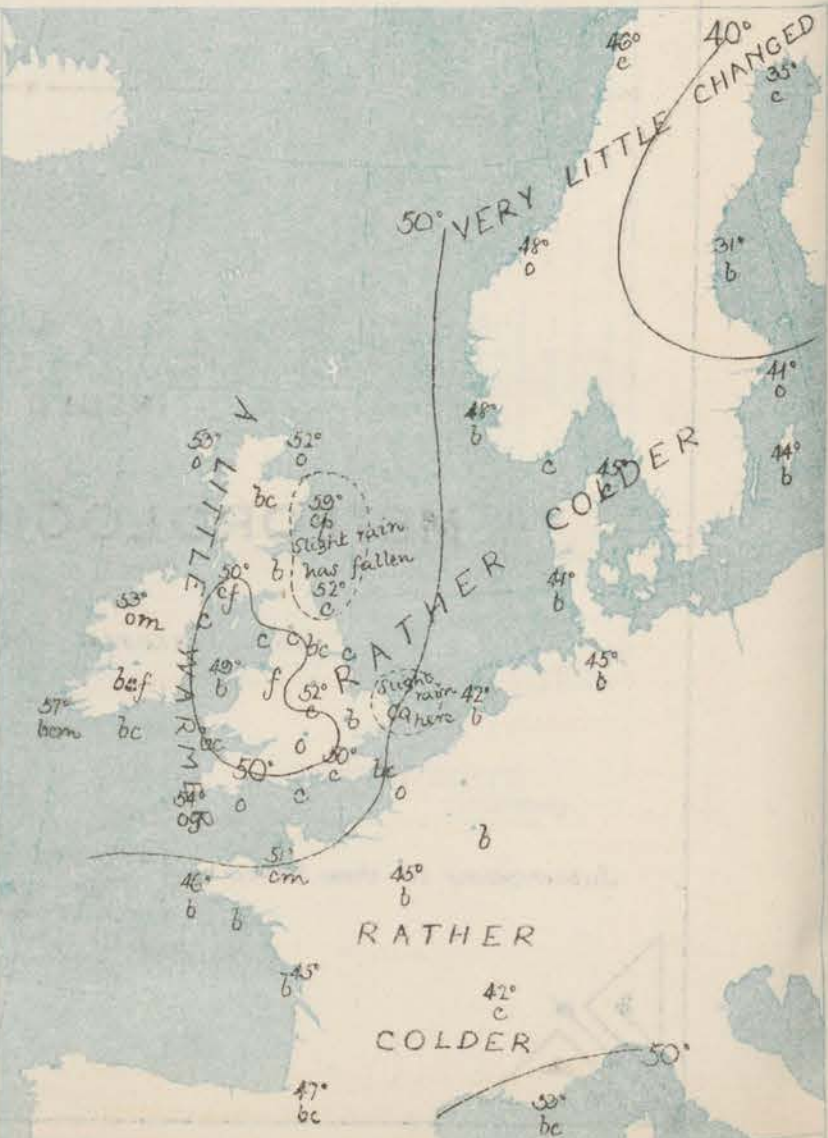
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

Stations	Temp.	Rain-fall
	°	inch.
Sandburgh Head	46.4	2.64
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.01
York	49.4	2.86
Mullaghmore	49.1	?
Holyhead	51.3	3.44
Parsonstown	50.2	3.63
Valentia	51.4	7.11
Sally (St Mary's)	54.0	4.91
Hurst Castle	53.8	?
Dover	55.0	3.20
LONDON	52.3	2.84
Bournemouth	51.6	2.87

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1855 to 1875.



REMARKS

for Tuesday 4th OCT^r 1881 at 8 a.m.

A further increase of pressure is reported this morning from all parts of our area, the change being greatest in Scandinavia, where the mercury is now as high as 30.7 ins. The lowest pressures are still reported from the south of France, while comparatively low readings exist off our western coast. The winds are consequently NE^r over the south of Scandinavia, E^r over France, and the greater part of England, SE^r in Ireland, and S^r in Scotland. At Yarmouth and Stornoway the winds blow strongly, but on our other coast it is generally moderate to fresh. The weather continues exceedingly fine at the great majority of stations, but on our east coast the sky is more cloudy, while at Anderson and Liverpool fog is reported. There has again been a complete absence of rain in all places except Aberdeen, Shields, and Yarmouth, where slight ^{showers} have occurred this morning. Temperature has fallen over the north and east of England, risen in most other places, and readings range from 53° at Aberdeen and 57° at Valencia to 47° at Liverpool. The sea is rough on our eastern and northern coast and at Falmouth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^r winds, strong; dull, slight rain.
2 SCOTLAND EAST	S ^r winds, light or moderate; cloudy, fair.
3 ENGLAND NE	E ^r and SE ^r winds, moderate; cool cloudy, fair.
4 ENGLAND EAST	E ^r winds, fresh; cloudy, fair, cool.
5 MIDLAND COUNTIES	Same as N° 2.
6 ENGLAND SOUTH	E ^r winds, fresh; generally fair and cld, slight drizzling rain occasionally in London

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^r and SE ^r winds, moderate, fair.
7 ENGLAND N.W.	E ^r winds, moderate, fair.
8 ENGLAND S.W.	Same as N° 6
9 IRELAND NORTH	Same as N° 2
10 IRELAND SOUTH	Same as N° 6.

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

4th OCT^r

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	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	30.62	36	S	2	b	30.58	- 08	35	35	+ 3	Z	0	c	*	43	47	-		
Hernösand	30.70	35	Z	0	c	30.76	+ 09	31	31	- 11	Z	0	b	*	52	?	-		
Stockholm	30.63	36	NNE	4	b	30.66	+ 21	41	39	- 2	ENE	4	c	*	46	36	-		
Wisby	30.46	42	NE	4	b	30.46	+ 12	44	40	- 4	E	6	b	*	50	41	-		
Bodö	30.47	44	SE	2	b	30.53	+ 11	46	42	0	SE	2	c	1	54	43	-		
Christiansund	30.46	47	Z	0	b	30.60	+ 21	48	45	0	S	1	c	4	55	44	-		
†Skudesnaes	30.52	50	SE	6	b	30.63	+ 22	48	41	- 7	ESE	4	b	4	57	?	-		
Oxö (Xiansund)	30.52	46	NNE	6	b	30.62	+ 20	45	42	- 3	NNE	4	c	3	48	45	-		
Skagen (The Skaw)	30.55	46	ENE	6	b	30.62	+ 21	45	41	- 4	ENE	5	c	5	48	41	-		
Fanö	30.43	45	E	4	b	30.49	+ 14	41	40	- 1	* NE	4	b	*	52	36	-		
Cuxhaven	30.29	?	NE	4	b	30.37	+ 09	45	43	- 2	NE	4	b	*	50	43	-		
†Sumburgh Head																			
†Stornoway	30.17	53	S	1	b	30.23	+ 09	53	50	0	S	6	c	5	57	50	-		
Wick	30.23	54	SSW	3	c	30.37	+ 16	52	50	- 2	S	5	c	5	58	50	-		
Nairn	30.20	54	Z	0	c	30.32	+ 10	50	47	+ 3	Z	0	b	1	60	44	-		
†Aberdeen	30.31	53	SSE	4	c	30.39	+ 13	51	49	- 2	SSE	4	c	4	56	49	0.06		
Leith	30.26	54	S	1	c	30.34	+ 10	53	49	+ 4	S	1	b	*	58	46	-		
†Shields	30.27	53	ESE	3	c	30.34	+ 08	52	48	- 4	SE	4	c	3	56	49	0.01		
Spurn Head	30.24	54	ESE	5	c	30.29	+ 06	53	53	- 0	E	5	c	5	57	53	-		
York	30.27	53	ESE	1	c	30.32	+ 07	50	48	- 2	ESE	1	b	*	61	48	-		
Nottingham	30.24	53	SE	2	c	?	?	52	49	- 3	E	3	c	*	62	43	-		
†Ardrossan	30.22	55	E	3	of	30.30	+ 08	50	48	- 2	E	3	of	2	59	46	-		
†Mullaghmore	30.10	57	SE	3	b	30.14	+ 03	53	50	+ 3	SE	4	om	3	60	49	-		
Donaghadee	30.19	55	S	2	c	30.26	+ 07	52	47	- 5	S	4	c	2	59	51	-		
Parsonstown	30.12	53	SE	1	b	30.17	+ 03	51	48	+ 3	SSE	1	b	*	61	40	-		
Barrow-in-Furness	30.20	54	ENE	4	c	30.26	+ 06	50	48	0	E	4	c	3	57	46	-		
†Holyhead	30.16	53	NW	1	b	30.24	+ 06	49	47	+ 2	ESE	3	b	2	56	45	-		
Liverpool (Bidston)	30.20	54	ESE	3	c	30.28	+ 08	47	45	- 2	E	2	f	2	58	45	-		
†Valencia	30.06	58	ESE	3	c	30.07	00	57	53	+ 4	ESE	4	b	4	61	53	-		
Roche's Point	30.09	56	SE	5	b	30.12	+ 03	56	51	- 5	SE	5	b	4	59	54	-		
Pembroke	30.12	55	E	2	b	30.17	+ 05	50	49	+ 1	E	3	b	2	57	46	-		
†Scilly																			
Prawle Point	30.12	53	ENE	4	b	30.14	+ 04	52	49	+ 3	ENE	5	c	4	59	49	-		
Hurst Castle	30.12	55	ESE	5	b	30.17	+ 05	51	48	+ 3	E	4	c	4	60	45	-		
†Dover	30.17	54	E	4	b	30.19	+ 05	53	47	+ 6	E	5	b	4	56	50	-		
†London	30.19	52	E	1	b	30.22	+ 05	50	46	+ 4	ENE	3	c	*	63	46	-		
Oxford	30.20	51	E	2	c	30.23	+ 05	48	45	0	E	3	c	*	59	42	-		
Cambridge	30.23	51	NE	1	c	30.26	+ 05	50	46	+ 4	NE	1	b	*	58	41	-		
†Yarmouth	30.22	53	E	5	b	30.26	+ 05	50	48	- 2	ENE	6	c	6	55	49	0.01		
The Helder	30.25	48	ENE	1	c	30.28	+ 03	42	40	- 2	ENE	3	b	4	55	39	-		
Cape Gris Nez	30.14	?	NE	8	a	30.18		46	45	- 1	E	4	c	3	57	41	-		
†Jersey	30.09	54	ENE	3	b	30.14	+ 04	51	48	- 3	E	3	c	3	60	48	-		
Brest	30.02	57	E	4	b	30.05	+ 03	46	44	- 2	E	4	b	3	64	45	-		
Lorient	30.01	60	E	4	b	30.01	- 01	47	45	- 2	E	4	b	2	63	45	-		
†Rochefort	29.95	61	E	5	b	29.97	+ 01	45	43	- 2	ENE	7	b	2	70	41	-		
Barritz	29.87	60	N	3	b	29.88	- 04	47	43	- 4	E	4	b	4	63	41	-		
Corunna		*	*	*	*			*						*	*	*	*		
Brussels		*	*	*	*			*						*	*	*	*		
Chadeville	30.08	53	E	5	b	30.06	- 02	42	37	+ 5	E	5	b	*	63	40	-		
Paris	30.06	54	NNW	1	b	30.08	00	45	42	- 3	NNE	3	b	*	*	*	-		
Lyons	29.93	52	NNW	1	c	29.94	- 01	42	40	- 2	NNW	3	c	*	53	41	-		
Toulon	29.83	56	N	1	b	29.83	- 01	53	51	- 2	SW	3	b	5	61	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.00	48	SE	1	c	29.06	+ 06	45	44	- 1	SE	1	c	*	53	36	0.02		

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

Hawes Junction	29.00	48	SE	1	c	29.06	+0.06	45	44	-1	SE	1	c	*	53	30	0.02
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.							
Skudesnaes ...	30.47	57	54	SE	6	c	3	Valentia ...	30.06	60	55	SE	4	b c m	4							
Sumburgh Head								Scilly ...														
Stornoway ...	30.14	57	53	SSE	5	b	4	Dover ..	30.16	55	51	E	5	b	4							
Aberdeen ...	30.28	55	54	S	3	c	2	London ...	30.18	57	51	ENE	3	c	*							
Shields ...	30.25	55	52	ENE	4	b	3	Yarmouth ...	30.22	54	50	E	4	b c	4							
Ardrossan ...	30.21	58	55	SE	3	c	2	Jersey ...	30.09	59	53	ENE	3	b	3							
Mullaghmore ...	30.11	60	54	SSE	3	b m	3	Rochefort ...	29.97	68	59	E	5	b	2							
Holyhead ..	30.18	56	52	NW	2	b	1	Ben Nevis (4406 ft.) Bar = 30.25								25.64	35	35	SE	6	0	Sea 45

There has been no change of importance since the morning. The wind continues E. over England, SE. in Ireland, and S. in Scotland. The weather remains fine but cold.

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. 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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

WEDNESDAY, 5TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/ per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 5TH OCTOBER 1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—

→ forces above 10; ↗ forces 8 to 10; ↘ forces 5 to 7; — forces 1 to 4;

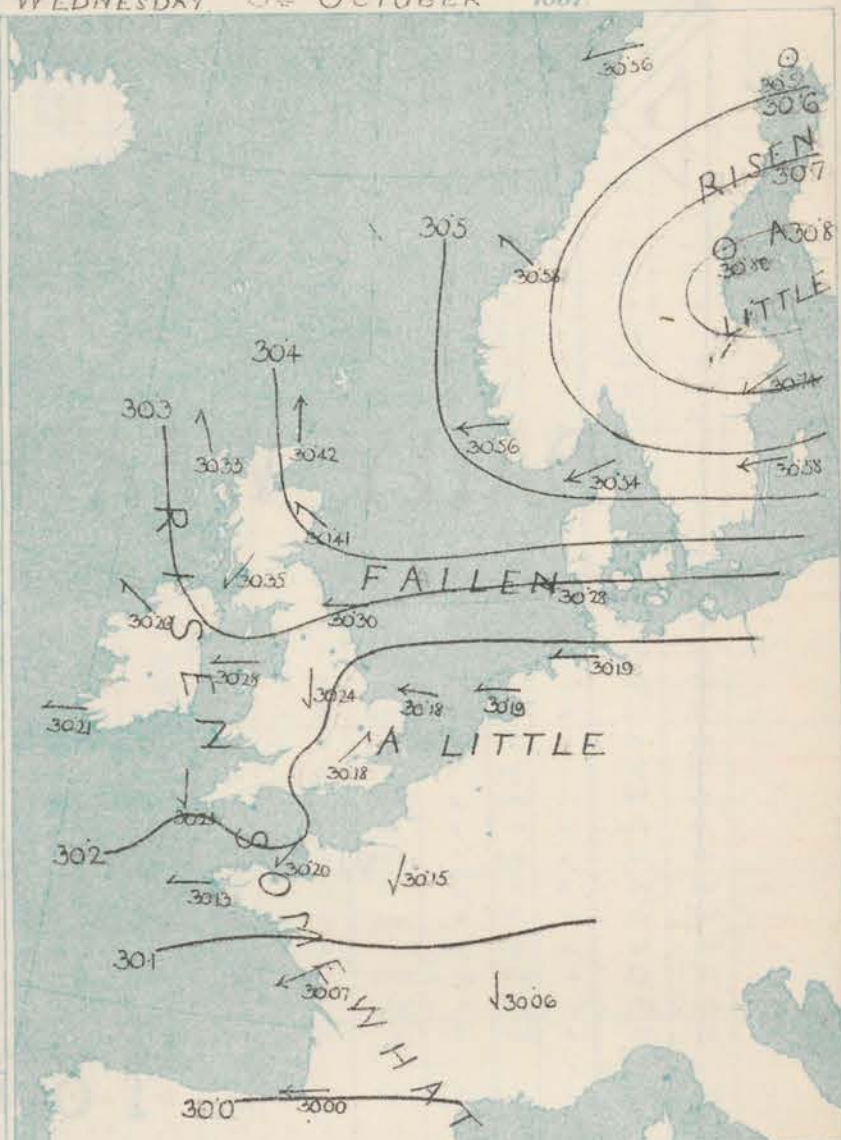
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER for the month of October

Stations.	Mean Readings In.
Nairn	29.724
Aberdeen	29.738
Leith	29.776
Scarborough	29.847
Ardrrossan	29.702
Greenacastle	29.784
Holyhead	29.830
Valencia	29.852
Roche's Pt.	29.827
Plymouth	29.920
LONDON	29.907
Yarmouth	29.892

* These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

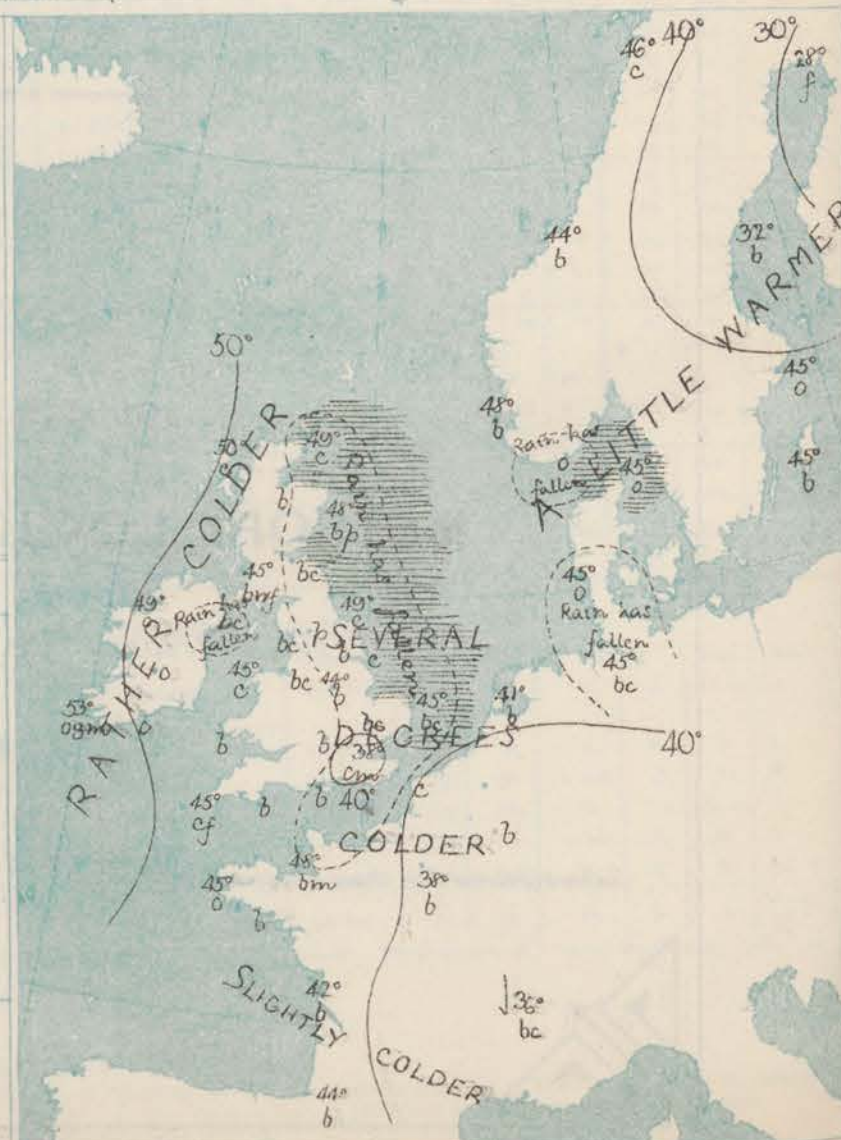
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of October

Stations	Temp	Rain-fall
Swanburgh Head	46.4	2.64
Sternoway	46.6	1.88
Aberdeen	47.4	3.20
Shields	49.3	2.61
York	49.9	2.86
Mullingtonore	49.1	?
Holyhead	51.3	5.44
Parsonstown	50.2	3.63
Valencia	51.4	7.41
Sally (St Mary's)	54.6	4.07
Hurst Castle	53.3	?
Dover	59.0	3.26
LONDON	57.3	2.84
Yarmouth	51.6	2.87

* The mean Temperatures are those for the 33 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For... WEDNESDAY 5TH OCT.^R... 1881... at 8 a.m.

Since our last report a decided decrease of pressure has taken place over the south-east of England and the eastern shore of the North Sea, but elsewhere the mercury has risen and readings are now as high as 30.8 ins. in the north of Sweden. Owing to these changes pressure has become more uniform over these Islands than it was yesterday. A very light SW^{ly} breeze has appeared at Dover and in London, while over our Midland Counties and the south-west of England the wind is N^{ly} and in north Scotland S^{ly}, but elsewhere E^{ly} winds are still reported blowing strongly over the North Sea and the east of England. Temperature has fallen nearly everywhere the change being very considerable in the south-east, and readings range from 53° at Valencia to 38° in London and 42° at Nairn. (During the night the thermometer fell to 35° at Hurst Castle and 36° in London and at Oxford. The weather is still fine at the majority of stations, but in some places the sky is cloudy, and in the N. and E. cold showers have fallen. The sea is rough along our east coasts, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6TH OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} to SE ^{ly} winds, moderate and fresh; cloudy, fair.
2 SCOTLAND EAST	SE ^{ly} and E ^{ly} winds, moderate and light; fine and bright generally but occasional showers.
3 ENGLAND N.E.	E ^{ly} to NE ^{ly} winds, fresh or strong; rather cloudy, cold, some showers occasionally.
4 ENGLAND EAST	D ^{ly} ----- D ^{ly} ----- D ^{ly}
5 MIDLAND COUNTIES	N ^{ly} and NE ^{ly} breezes, light; fair, cold.
6 ENGLAND SOUTH	Same as Nos 2 and 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} and E ^{ly} breezes, moderate, fair, cold.
7 ENGLAND N.W.	E ^{ly} winds, moderate or light; fair, cold.
8 ENGLAND S.W.	NE ^{ly} and E ^{ly} breezes, moderate; fair, cold.
9 IRELAND NORTH	E ^{ly} winds, moderate; rather cloudy, cold.
10 IRELAND SOUTH	D ^{ly} ----- D ^{ly} ----- D ^{ly}
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

5TH OCT^R

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	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	30.57	34	Z	0	b	30.58	0.00	28	28	- 7	Z	0	f	*	43	?	-			
Hernösand	30.74	41	Z	0	b	30.80	+ 0.04	32	32	+ 1	Z	0	b	*	52	23	-			
Stockholm	30.71	44	SE	2	o	30.74	+ 0.08	45	43	+ 4	ENE	2	o	*	46	37	0.04			
Wisby	30.51	44	E	4	c	30.55	+ 0.09	45	41	+ 1	E	6	b	*	50	41	-			
Bodö	30.60	49	SW	4	o	30.56	+ 0.03	46	44	0	E	2	c	1	50	45	-			
Christiansund	30.56	48	NNE	1	b	30.58	- 0.02	44	42	- 4	SE	1	b	3	52	30	-			
†Skudesnaes	30.55	45	N	4	b	30.56	- 0.07	48	41	0	E	6	b	3	55	45	-			
Oxö (Xiänsund)	30.53	48	NE	8	o	30.52	- 0.10	48	44	+ 3	ENE	8	o	1	?	41	0.04			
Skagen (The Skaw)	30.56	46	ENE	7	b	30.54	- 0.08	45	42	0	ENE	7	o	6	50	43	-			
Fanö	30.37	40	ENE	6	b	30.28	- 0.21	45	44	+ 4	E	6	o	*	48	37	0.04			
Cuxhaven	30.20	?	ENE	4	bc	30.19	- 0.18	45	44	0	E	4	bc	*	46	39	0.22			
†Sumburgh Head																				
†Stornoway	30.26	53	SSE	5	o	30.33	+ 0.10	50	48	- 3	SSE	4	c	4	54	43	-			
Wick	30.39	50	S	6	c	30.42	+ 0.05	49	47	- 3	S	5	c	5	56	45	0.03			
Nairn	30.34	49	SW	1	o	30.39	+ 0.07	42	40	- 8	Z	0	b	0	55	42	-			
†Aberdeen	30.41	50	SSE	4	c	30.41	+ 0.02	48	45	- 3	SE	4	bp	6	54	45	0.09			
Leith	30.34	48	S	1	b	30.35	+ 0.01	44	42	- 9	S	1	bc	*	57	39	0.06			
†Shields	30.35	48	SSE	2	o	30.30	- 0.04	49	45	- 3	E	4	c	5	54	45	0.09			
Spurn Head	30.28	50	ENE	6	c	30.19	- 0.10	47	40	- 6	E	6	c	6	54	43	0.07			
York	30.33	49	E	1	b	30.26	- 0.06	43	41	- 7	N	2	b	*	59	39	0.13			
Nottingham	30.29	47	NE	3	b	30.24	?	44	42	- 8	N	3	b	*	59	39	0.02			
†Ardrossan	30.30	53	E	4	o	30.35	+ 0.05	45	43	- 5	NE	3	bc	2	55	40	-			
†Mullaghmore	30.17	54	SE	5	b	30.26	+ 0.12	49	45	- 4	SE	4	o	3	57	49	-			
Donaghadee	30.27	54	SSE	4	o	30.32	+ 0.06	50	45	- 2	E	4	bc	2	59	45	0.05			
Parsonstown	30.19	52	ESE	2	o	30.27	+ 0.10	47	43	- 4	SSE	1	o	3	57	?	-			
Barrow-in-Furness	30.28	50	E	3	bc	30.29	+ 0.03	43	41	- 7	N	2	bc	2	54	41	-			
†Holyhead	30.24	50	ESE	2	c	30.28	+ 0.04	45	44	- 4	E	2	c	2	55	42	-			
Liverpool (Bidston)	30.27	50	E	3	b	30.28	0.00	44	42	- 3	ENE	1	bc	2	56	39	-			
†Valentia	30.09	57	ESE	4	cm	30.21	+ 0.14	53	50	- 4	E	1	cm	2	61	52	-			
Roche's Point	30.14	56	SE	5	c	30.21	+ 0.07	50	48	- 6	ESE	4	o	4	59	48	-			
Pembroke	30.16	53	E	3	c	30.23	+ 0.06	42	41	- 8	NE	3	b	2	56	41	-			
†Scilly																				
Prawle Point	30.12	52	ENE	5	c	30.20	+ 0.06	46	42	+ 6	ENE	4	b	4	55	39	-			
Hurst Castle	30.15	52	ENE	5	b	30.19	+ 0.02	42	40	- 9	NE	3	b	3	56	35	0.01			
†Dover	30.14	49	E	5	bc	30.15	- 0.04	41	39	- 12	SW	2	bc	1	54	40	0.12			
†London	30.20	47	E	3	bc	30.18	- 0.04	38	37	- 12	SW	2	cm	*	57	36	0.02			
Oxford	30.22	42	E	2	b	30.20	- 0.03	42	40	- 6	NNW	1	b	*	57	36	-			
Cambridge	30.23	45	NE	1	b	30.17	- 0.09	42	41	- 8	N	1	bc	*	55	37	-			
†Yarmouth	30.22	50	ENE	6	bc	30.18	- 0.08	45	41	- 5	ESE	5	bc	5	52	41	0.22			
The Helder	30.20	46	ENE	4	b	30.19	- 0.09	41	38	- 1	E	1	b	1	50	41	-			
Cape Gris Nez	30.14	43	E	5	b	30.16	- 0.02	40	37	- 6	ESE	1	c	1	54	36	-			
†Jersey	30.10	51	ENE	4	b	30.20	+ 0.06	48	45	- 3	NE	2	bc	2	55	42	0.01			
Brest	30.08	51	E	4	o	30.13	+ 0.08	45	43	- 1	E	3	o	3	64	43	-			
Lorient	29.99	53	ENE	5	o	30.11	+ 0.10	44	43	- 3	E	4	b	1	61	41	-			
†Rochefort	29.95	56	ENE	7	b	30.07	+ 0.10	42	39	- 3	ENE	5	b	2	68	37	-			
Biarritz	29.87	60	N	4	b	30.00	+ 0.12	44	41	- 3	E	5	b	3	63	39	-			
Corunna	*	*	*	*	*			*	*	*			*	*	*	*	*			
Brussels	*	*	*	*	*	30.15	- 0.03	33	31	- 11	NE	3	b	*	50	31	-			
Charleville	30.04	45	ESE	4	bc	30.07	+ 0.01	32	31	- 10	E	1	b	*	58	29	-			
Paris	30.04	50	NNE	5	o	30.15	+ 0.01	38	36	+ 7	NNE	4	b	*	*	*	-			
Lyons	29.93	47	NW	1	o	30.06	+ 0.12	36	35	- 6	N	1	bc	*	50	35	-			
Toulon	29.78	57	V	4	b	29.88	+ 0.05	52	45	- 1	NW	3	b	2	61	50	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.07	40	SE	1	bc	29.03	- 0.03	39	38	- 6	E	3	n	*	50	36	0.04			

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

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.			
Skudesnaes ...	30.59	55	44	WSW	2	b	Valentia ...	30.07	60	54	ESE	5	c	5		
Sumburgh Head							Scilly ...									
Stornoway ...	30.26	54	50	S	6	o	Dover ..	30.15	52	47	ENE	5	b p	4		
Aberdeen ...	30.41	52	49	SSE	5	cp	London ...	30.20	53	47	ENE	4	bc	*		
Shields ...	30.35	51	48	SSE	6	e	Yarmouth ...	30.26	52	46	ENE	7	b	6		
Ardrossan ...	30.32	54	50	SE	3	o	Jersey ...	30.11	53	48	ENE	4	b	3		
Mullaghmore ...	30.16	56	50	SE	6	cm	Rochefort ...	29.91	65	54	ENE	7	b	2		
Holyhead ...	30.24	55	51	ESE	3	o	Ben Nevis (4006 ft)									
							Sam. on 3 rd	29.68	32	32	SE	7	o	37	31	0.01

Pressure has decreased a little in the SE. since the morning and at Yarmouth the wind has increased to a moderate gale, but elsewhere there has been no 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 (hazy) 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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY, 6TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on THURSDAY, 6TH OCTOBER 1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ - dead calm.

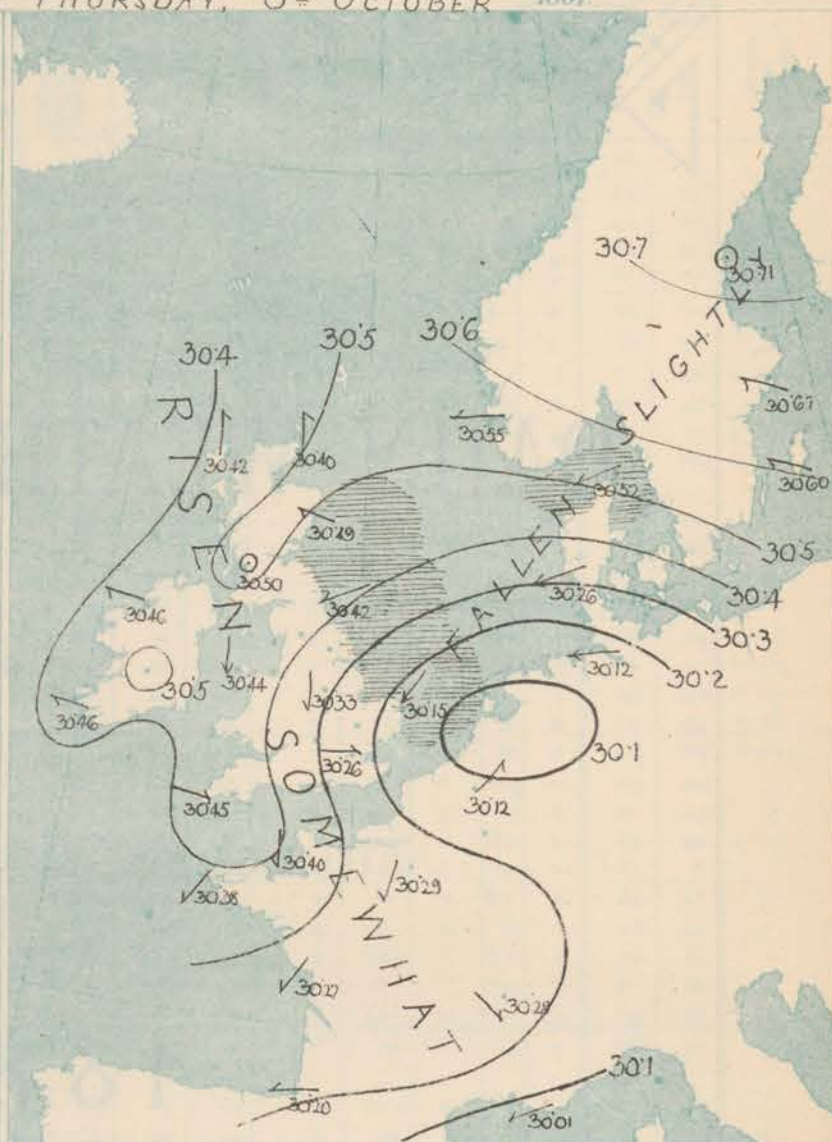
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings In.
Nairn.	29.724
Aberdeen.	29.738
Leith.	29.770
Scarborough.	29.842
Ardrossan.	29.702
Greenock.	29.781
Holyhead.	29.800
Valentia.	29.819
Roche's Pt.	29.827
Plymouth.	29.820
LONDON.	29.867
Yarmouth.	29.800

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

* for the month of October

Stations	Temp.	Rain-fall In.
Samburgh Head.	46.4	2.61
Greenwich.	46.6	1.88
Aberdeen.	47.4	3.24
Shields.	48.3	2.61
York.	49.8	2.65
Mullaghmore.	49.1	1
Holyhead.	49.3	5.44
Harbourtown.	50.2	3.63
Valentia.	51.4	3.11
Sally (St Mary's).	51.6	4.01
Harbour Castle.	51.3	1
Dover.	53.0	3.20
LONDON.	50.3	2.84
Yarmouth.	51.0	2.87

* The mean Temperatures are those for the 13 years 1867-69, the mean amounts of rain are those for the 10 years 1866 to 1874.



REMARKS

for Thursday 6th OCT^r 1881 at 8 a.m.

During the past night an important and well marked depression has advanced from the eastward across North Germany, and is now approaching the south east of England. The mercury is consequently falling at all the south-eastern stations, while the anticyclone over Scandinavia has also begun to give way. Elsewhere the barometer is rising, and a large area of high pressure lies over our western and northern coast. The wind has backed to N. over the greater part of England and France, to W. at Cape Gris Nez, and to SW. at Brussels, while in nearly all these districts the sky is overcast and the weather rainy. Elsewhere the wind remains E. and the weather fine and dry. The rainfall at present has been nowhere heavy. Temperature has risen except on our W. and NW coast, where the thermometer has fallen and is low. Readings range from 54° at Fleet to 39° at Hurst Castle and 34° at Parsonstown. During the night temperature fell to 32° at Parsonstown, 33° in London and at Stromway, and 35° at Nottingham, Hurst Castle, Oxford and Cambridge; while on the grass in London the thermometer fell to 25°. The sea is still rough along our east coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

7th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^w breezes, light, or variable winds, fair.	6 SCOTLAND WEST	Variable to SE ^w breezes, light, cloudy, fair.
2 SCOTLAND EAST	E ^w and NE ^w breezes, light, cold, cloudy, some rain.	7 ENGLAND N.W.	N ^w to NE ^w breezes, light and fresh, cloudy but fair.
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	Moderate breezes between NW and NE, fine to dull.
4 ENGLAND EAST	N ^w to E ^w winds, rather strong; slight continuous rain.	9 IRELAND NORTH	NE ^w and E ^w winds, light and moderate, fair, cold.
5 MIDLAND COUNTIES	N ^w winds, light or moderate; dull, some rain.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	Same as No 3	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

6TH OCT^R

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	30.59	30	Z	0	b	30.60	+0.02	32	32	+4	SE	2	f	*	45	27	-		
Hernösand	30.73	33	Z	0	b	30.71	-0.09	31	30	-1	Z	0		*	62	25	-		
Stockholm	30.69	43	E	2	0	30.67	-0.07	46	41	+1	SE	2	0	*	50	41	-		
Wisby	30.62	42	ESE	2	b	30.60	+0.05	43	41	-2	ESE	4	b	*	48	39	-		
Bodö	30.56	46	SSW	2	b	30.54	-0.02	43	42	-3	E	2	c	1	54	41	0.04		
Christiansund	30.62	42	SE	1	b	30.56	-0.02	42	40	-2	E	2	b	0	50	30	-		
†Skudesnaes	30.55	50	E	4	0	30.55	-0.01	48	42	0	E	4	c	3	54	48	-		
Oxö (Xiansund)	30.51	49	ENE	8	0	30.50	-0.02	46	42	-2	NE	8	0	5	50	45	-		
Skagen (The Skaw)	30.53	47	ENE	6	0	30.52	-0.02	46	42	+1	ENE	6	c	5	50	43	-		
Fanö	30.28	47	E	6	c	30.26	-0.02	46	43	+1	ENE	6	c	*	50	43	0.04		
Cuxhaven	30.09	51	E	6	λ	30.12	-0.07	46	46	+1	E	6	λ	*	48	41	0.44		
†Sumburgh Head																			
†Stornoway	30.37	49	W	1	b	30.42	+0.09	49	46	-1	S	4	b	4	54	39	-		
Wick	30.44	48	S	3	cp	30.50	+0.08	54	52	+5	S	2	0	3	59	44	0.02		
Nairn	30.43	44	Z	0	b	30.51	+0.12	40	38	-2	SSW	1	bc	1	53	36	-		
†Aberdeen	30.41	49	E	3	λ	30.49	+0.08	51	49	+2	ESE	3	c	6	54	47	0.01		
Leith	30.39	43	ENE	1	b	30.46	+0.11	52	51	+8	E	1	c	*	54	41	0.03		
†Shields	30.31	48	N	3	b	30.42	+0.12	50	49	+1	ENE	2	λ	6	57	46	0.11		
Spurn Head	30.24	43	NNW	5	c	30.27	+0.08	52	50	+5	NNE	6	cgp	6	53	47	0.05		
York	30.29	46	NNE	1	b	30.36	+0.10	50	45	+7	N	1	0	*	53	41	0.05		
Nottingham	30.31	42	SE	1	b	30.33	+0.09	51	50	+7	N	4	0	*	58	35	0.04		
†Ardrossan	30.39	45	ENE	2	b	30.50	+0.15	46	45	+1	Z	0	cfr	0	53	39	-		
†Mullaghmore	30.32	51	S	2	bc	30.46	+0.20	44	43	-5	ESE	2	cw	2	54	36	-		
Donaghadee	30.37	49	NNE	3	bc	30.48	+0.16	50	48	0	NE	3	bc	1	54	39	-		
Parsonstown	30.35	48	Z	0	b	30.51	+0.24	34	34	-13	Z	0	btf	*	54	32	-		
Barrow-in-Furness	30.33	47	SW	2	b	30.38	+0.09	48	46	+5	N	2	bc	2	58	42	-		
†Holyhead	30.32	49	NE	3	bc	30.44	+0.16	52	49	+7	N	4	c	3	52	44	-		
Liverpool (Bidston)	30.31	47	NE	1	b	30.40	+0.12	49	47	+5	N	2	0	2	54	44	-		
†Valentia	30.33	51	ESE	3	mcg	30.46	+0.25	52	50	-1	ESE	3	cm	4	56	50	0.06		
Roche's Point	30.29	52	ESE	3	c	30.40	+0.19	47	45	-3	N	1	b	3	54	42	-		
Pembroke	30.30	48	N	1	b	30.42	+0.19	50	47	+5	N	2	b	1	54	42	-		
†Scilly																			
Prawle Point	30.29	45	N	2	b	30.41	+0.21	47	43	+1	NW	2	b	1	57	37	-		
Hurst Castle	30.24	47	ENE	4	b	30.39	+0.14	39	38	-3	N	2	bcw	3	53	35	-		
†Dover	30.24	46	NE	2	cgp	30.18	+0.03	45	43	+4	NNW	3	bc	2	49	41	0.16		
†London	30.27	42	NNE	2	bm	30.36	+0.08	42	42	+5	N	1	cg	*	52	33	-		
Oxford	30.32	38	NW	1	f	30.20	+0.10	45	43	+3	N	3	oggy	*	51	35	-		
Cambridge	30.26	42	N	1	b	30.24	+0.07	48	48	+6	N	1	0	*	50	35	0.04		
†Yarmouth	30.21	46	NW	3	c	30.15	-0.03	33	32	+8	NE	6	ng	5	53	43	0.18		
The Helder	30.14	44	NE	1	λ	30.08	-0.11	48	47	+7	ENE	4	0	3	48	41	0.16		
Cape Gris Nez	30.20	46	NE	4	c	30.19	+0.03	47	46	+7	W	5	c	4	55	39	-		
†Jersey	30.27	48	NNE	1	b	30.40	+0.20	49	43	+1	N	2	bc	2	54	43	0.10		
Brest	30.25	48	ENE	4	b	30.28	+0.25	45	43	0	NE	4	c	2	59	41	-		
Lorient	30.21	52	ENE	4	bc	30.32	+0.21	47	45	+3	NNE	4	b	1	55	41	-		
†Rocheport	30.12	52	ENE	7	bc	30.27	+0.20	43	39	+1	NE	4	b	2	63	37	-		
Biarritz	30.05	58	NE	4	bc	30.20	+0.20	39	36	-5	E	3	bc	4	61	36	-		
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.12	-0.03	41	41	+8	SW	3	λ	*	46	37	0.04		
Charleville	30.15	38	NW	4	b	30.17	+0.10	36	34	+4	S	4	0	*	53	29	-		
Paris	30.24	45	NNE	3	b	30.29	+0.14	40	37	+2	NNE	3	bc	*	*	*	-		
Lyons	30.18	43	N	1	b	30.28	+0.22	34	32	-2	NW	3	b	*	52	33	-		
Toulon	29.95	54	NW	7	b	30.01	+0.13	54	48	+2	ENE	4	b	2	63	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.07	42	N	2	bc	29.15	+0.12	46	45	+7	N	1	0	*	47	37	0.03		

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

Hawes Junction	29.07	42	N	2	0	30.15	+0.12	46	45	+7	N	1	47	37	0.03			
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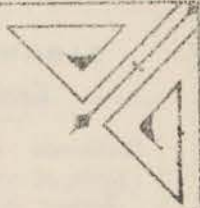
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.54	54	43	E	4	0	3	Valentia ...	30.28	52	50	ESE	4	0.0.0	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.35	53	48	SSW	4	6	4	Dover ...	30.19	42	42	E	3	6	1
Aberdeen ...	30.41	51	47	E	3	6	5	London ...	30.21	47	44	NNE	3	0.0	*
Shields ...	30.30	55	50	E	3	6.0	5	Yarmouth ...	30.21	48	43	NNE	3	6	4
Ardrossan ...	30.35	51	46	ENE	3	0	2	Jersey ...	30.24	51	46	NNW	2	6.0	2
Mullaghmore ...	30.30	50	46	E	2	0.0.0	2	Rocheport ...	30.12	61	49	ENE	7	6	2
Holyhead ...	30.30	51	47	ENE	4	6	3	Ben. (1106 ft.) 9am on 58	25.71	29	29	SE	5	0	Max 32 Min 29

Pressure has increased a little since the morning but the wind remains E to S and the weather generally very fine and bright. Temperature is low, ranging from 55° at Shields to 47° in London.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale in, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY, 7TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

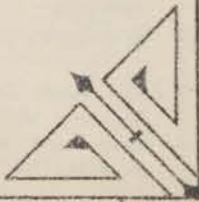
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Messrs. W. & A. G. & Co. at the Press of the Meteorological Office, 116, Victoria St., London, S.W.

WEATHER CHARTS

for 8 a.m. on Friday, 7th OCTOBER.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isohars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10
→ force 5 to 7; → force 1 to 4.
○ dead calm.

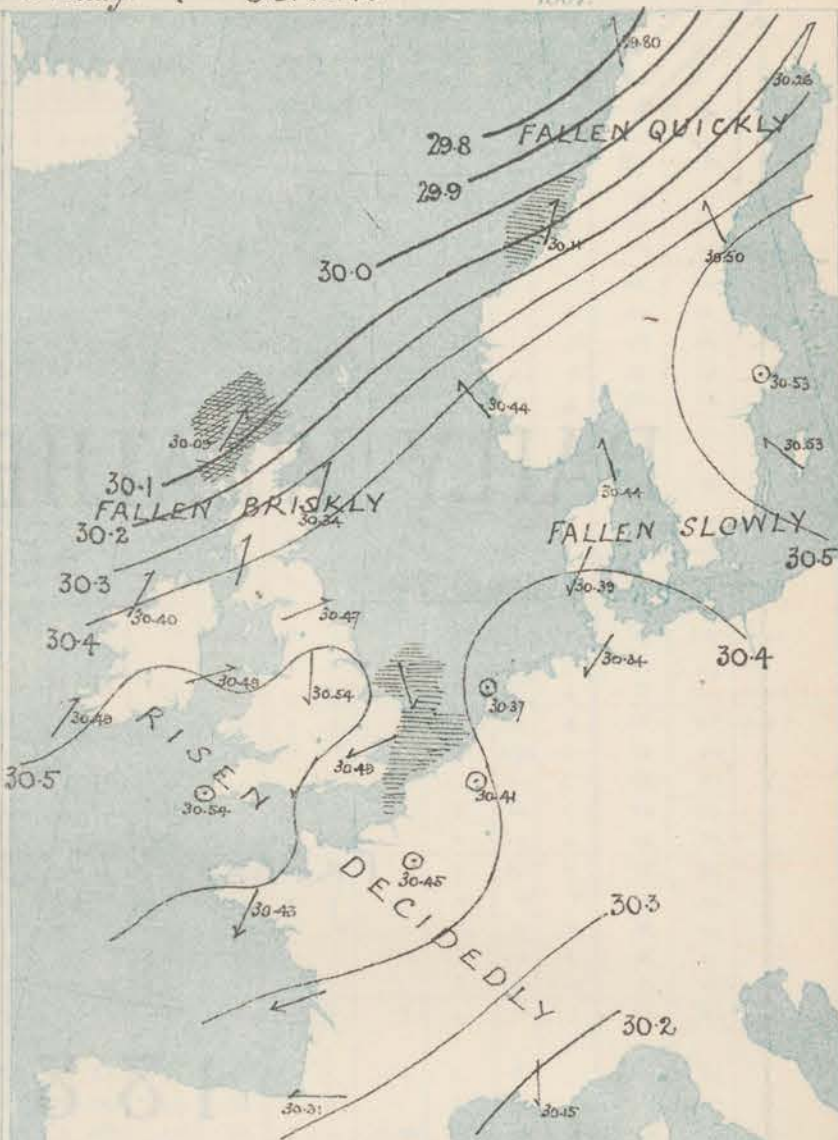
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations	Mean Readings in.
Norton	29.774
Aberdeen	29.738
Leith	29.776
Scarborough	29.872
Ardrossan	29.792
Greenock	29.884
Holyhead	29.800
Valentia	29.862
Reche's Pt.	29.827
Plymouth	29.890
LONDON	29.907
Wormouth	29.892

* These means are for the 10 years 1860-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

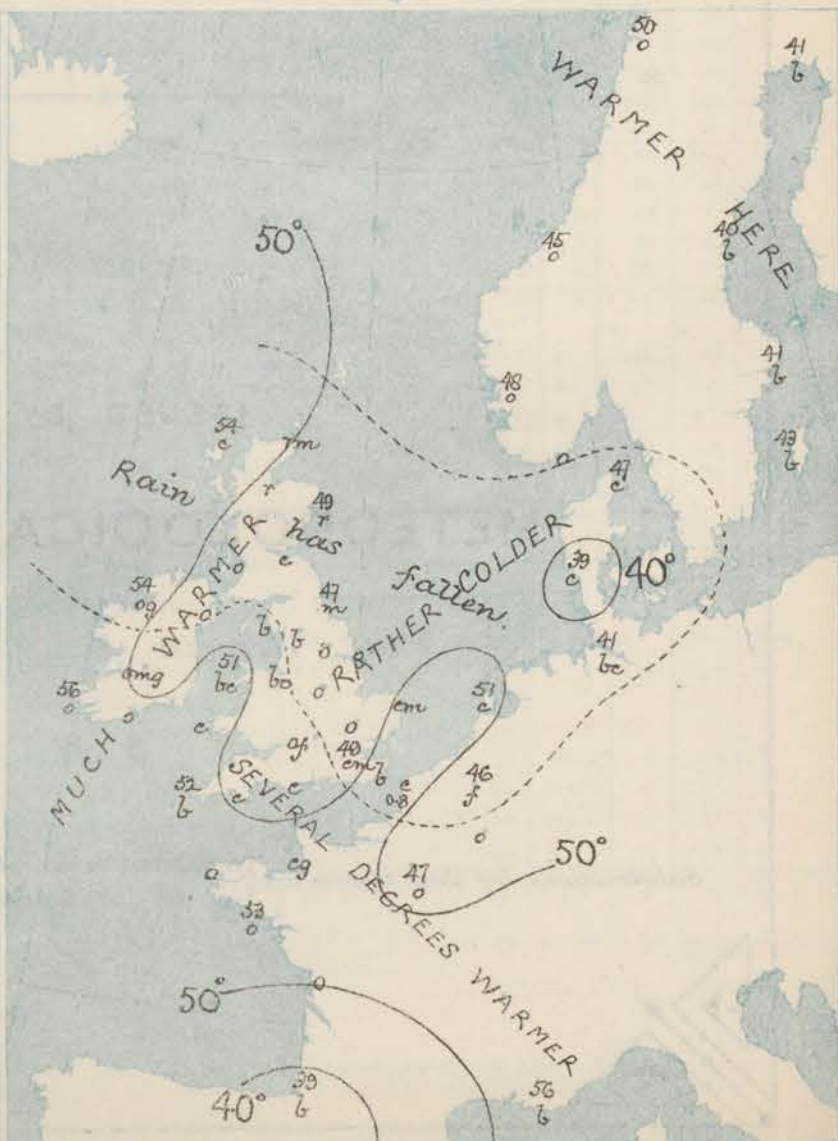
Falls of .0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	46.4	2.66
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.01
York	49.9	2.06
Malborough	49.7	2.06
Holyhead	51.7	6.44
Portsmouth	50.2	3.63
Valentia	51.4	7.11
Sally (St. Mary's)	54.0	3.01
Ilfracombe	53.0	2.06
Dover	53.0	3.20
LONDON	52.3	2.84
Wormouth	51.0	2.87

* The mean Temperatures are those for the 10 years 1857-66; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 7TH OCT^R 1881, at 8 a.m.

The depression which existed in the south-east yesterday, has since disappeared entirely and the barometer over North Germany, France, and England has risen decidedly, but over Ireland, Scotland and Scandinavia the mercury has fallen considerably, and two large depressions are shown, one off the NW. of Norway, the second off the north-west of Scotland. Areas of high pressure are reported from our south-west coast, and from the Baltic. The wind varies a good deal, blowing from E. and NE. over France, from N. at most of the English stations, and from SW. or S. over Ireland and Scotland. At some of the French stations as well as at Stornoway the wind blows strongly, but in general it is light or moderate. The weather is dull and wet over Scotland, and cloudy or dull in most other places except in the north-west of England, but in the south-east it shows a tendency to clear. Heavy rain fell at Cape Fin Rey yesterday, and a slight fall occurred ^{except} on our south-west and west coasts. Temperature has changed irregularly, and ranges from 56° in south Ireland to 47° on our north-east coast. The sea is very rough at Stornoway and rather so at Yarmouth and Cape Fin Rey.

MAP SHOWING DISTRICTS



FORECASTS

For the 24 hours ending at Noon
on the

8TH OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW ^W and S ^W winds, strong; rain then fair.
2 SCOTLAND EAST	SW ^W winds, light; showers.
3 ENGLAND N.E.	W ^W to SW ^W winds, moderate; cloudy, becoming unsettled.
4 ENGLAND EAST	N ^W breezes, light, backing; fair to dull, some rain.
5 MIDLAND COUNTIES	Variable to SW ^W breezes, light, fair to unsettled.
6 ENGLAND SOUTH	Same as N°3

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N°0
7 ENGLAND N.W.	Same as N°2.
8 ENGLAND S.W.	Variable to S ^W breezes, light; fair.
9 IRELAND NORTH	S ^W and SW ^W winds, moderate but freshening; dull, some rain.
10 IRELAND SOUTH	----- D° ----- D° ----- D°

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 7th OCT^r 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Therm. 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 ...	30.55	38	SE	2	o	30.26	- 34	41	40	+ 9	SW	2	b	*	41	23	-		
Hernösand ...	30.58	35	Z	0	b	30.50	- 21	40	38	+ 9	S	4	b	*	54	?	-		
Stockholm ...	30.61	41	E	2	b	30.53	- 14	41	41	- 5	Z	0	b	*	52	41	-		
Wisby ...	30.36	40	ESE	4	b	30.53	- 07	43	42	0	SE	2	b	*	50	29	-		
Bodö ...	30.39	42	SE	2	b	29.80	- 74	50	43	+ 7	S	4	o	*	50	39	-		
Christiansund...	30.43	42	S	1	b	30.11	- 45	45	41	+ 3	SSW	2	o	5	48	30	-		
†Skudesnaes ...	30.50	48	NNE	2	b	30.44	- 11	48	45	0	SE	4	o	3	?	46	-		
Oxö (Kristiansund)...	30.46	46	NNE	6	c	30.41	- 09	44	43	- 2	NNE	4	o	3	43	23	-		
Skagen (The Skaw)	30.43	48	SE	5	c	30.44	- 08	47	44	+ 1	SSE	3	c	2	52	45	0.08		
Faro ...	30.29	41	SE	4	o	30.39	+ 13	39	38	- 7	NE	1	c	*	48	36	0.08		
Cuxhaven ...	30.10	7	ESE	4	n	30.34	+ 22	41	40	- 5	NE	1	bo	*	?	37	0.24		
†Sumburgh Head																			
†Stornoway ...	30.34	52	SSW	6	o	30.09	- 33	54	54	+ 5	SW	7	o	7	54	49	0.20		
Wick ...	30.39	51	S	5	bo	30.24	- 26	50	50	- 4	S	3	am	4	56	47	0.40		
Nairn ...	30.39	49	Z	0	c	30.26	- 25	49	48	+ 9	WSW	1	n	1	56	40	0.21		
†Aberdeen ...	30.48	51	SSW	3	bo	30.34	- 15	49	48	- 2	SSW	1	n	3	55	45	0.02		
Leith ...	30.49	51	SE	1	o	30.41	- 05	50	48	- 2	W	1	o	*	51	42	0.01		
†Shields ...	30.46	51	ENE	2	o	30.47	+ 05	47	44	- 3	WSW	1	m	4	52	44	0.01		
Spurn Head ...	30.37	51	NNE	7	o	30.46	+ 19	49	47	- 3	NNW	3	o	4	56	43	0.01		
York ...	30.45	50	NNE	1	o	30.50	+ 14	47	46	- 3	NW	1	o	*	53	45	-		
Nottingham ...	30.46	50	N	2	o	30.54	+ 21	48	46	- 3	N	1	o	*	55	46	0.01		
†Ardrossan ...	30.47	52	E	1	of	30.43	- 07	51	49	+ 5	SSW	4	o	3	57	45	0.02		
†Mullaghmore ...	30.44	53	E	2	m	30.40	- 06	54	52	+ 10	SSW	3	og	2	58	43	0.04		
Donaghadee ...	30.47	52	SW	2	b	30.47	- 01	48	47	- 2	SSW	1	o	0	57	44	0.02		
Parsonstown ...	30.50	50	Z	0	b	30.50	- 01	48	46	+ 14	Z	0	omg	*	58	43	-		
Barrow-in-Furness	30.46	51	NE	2	o	30.49	+ 11	45	44	- 3	NE	2	b	1	54	43	-		
†Holyhead ...	30.49	50	NNE	1	b	30.49	+ 05	51	49	- 1	WSW	1	bo	0	54	46	-		
Liverpool (Biston)	30.48	52	NE	1	o	30.50	+ 10	48	44	- 1	SSE	1	bo	1	55	47	-		
†Valentia ...	30.50	55	SE	3	omg	30.49	+ 03	56	54	+ 4	SW	2	o	2	58	51	-		
Roche's Point...	30.50	56	SW	2	bo	30.61	+ 11	56	53	+ 9	SW	2	o	3	59	47	-		
Pembroke ...	30.46	49	N	2	b	30.52	+ 10	51	49	+ 1	ENE	1	m	0	56	47	0.01		
†Scilly ...																			
Prawle Point ...	30.43	50	NW	2	c	30.53	+ 12	46	44	- 1	NE	2	o	1	59	44	-		
Hurst Castle ...	30.37	53	NE	5	c	30.50	+ 17	49	47	+ 10	NE	2	c	3	56	38	-		
†Dover ...	30.28	51	NE	4	o	30.44	+ 26	50	48	+ 5	NNE	3	b	1	54	48	-		
†London ...	30.37	52	NNE	3	o	30.49	+ 23	49	45	+ 6	ENE	2	cm	*	54	43	0.01		
Oxford ...	30.43	49	NE	2	o	30.52	+ 22	48	45	+ 3	NNW	1	of	*	55	45	-		
Cambridge ...	30.39	49	N	1	o	30.50	+ 26	48	46	0	N	1	o	*	54	45	0.02		
†Yarmouth ...	30.29	52	NNE	6	c	30.44	+ 29	50	47	- 3	NNW	2	cm	5	53	43	0.08		
The Helder ...	30.24	49	N	1	o	30.37	+ 29	51	48	+ 3	N	1	c	1	52	48	0.08		
Cape Gris Nez	30.22	52	NNE	8	2	30.44	+ 25	52	50	+ 5	NNE	7	e	5	55	46	0.79		
†Jersey ...	30.40	53	N	3	bo	30.51	+ 11	53	48	+ 4	NE	2	og	2	54	47	-		
Brest ...	30.43	53	N	4	o	30.49	+ 11	51	49	+ 6	ENE	3	o	2	59	41	-		
Lorient ...	30.39	53	NE	4	c	30.43	+ 11	53	50	+ 6	NE	5	o	2	57	45	-		
†Rochefort ...	30.36	53	NE	5	b	30.37	+ 10	50	47	+ 7	ENE	7	o	2	63	37	-		
Biarritz ...	30.27	55	NNE	5	c	30.51	+ 11	39	35	0	c	4	b	3	57	34	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.41	+ 29	46	46	+ 5	WSW	1	f	*	51	44	0.04		
Charleville ...	30.43	46	SSW	1	o	30.39	+ 22	46	43	+ 10	SE	1	o	*	49	34	0.04		
Paris ...	30.31	50	NW	1	bo	30.45	+ 16	47	46	+ 7	NW	1	o	*	*	*	-		
Lyons ...	30.32	44	NNW	1	b	30.39	+ 11	36	34	+ 2	NNW	1	b	*	51	?	-		
Toulon ...	30.10	59	Z	0	o	30.15	+ 14	56	47	+ 2	N	4	b	2	66	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.22	45	N	1	cm	29.23	+ 08	40	39	- 6	SE	1	b	*	48	35	-		

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

Hawes Junction	29.22	45	N	1	cm	29.23	+ 08	40	39	- 6	SE	1	b	*	48	35	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.52	58	45	W	2	b	3	Valentia ...	30.48	58	54	SE	4	cm	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.37	54	51	SW	5	b	4	Dover ..	30.20	53	51	NE	4	o	2
Aberdeen ...	30.49	52	49	ESE	3	c	6	London ...	30.29	54	52	N	4	o	*
Shields ...	30.45	52	50	ENE	2	n	6	Yarmouth ...	30.23	52	50	NNE	5	lg	5
Ardrossan ...	30.48	55	52	WNW	2	c	1	Jersey ...	30.39	53	47	N	3	c	3
Mullaghmore ...	30.48	57	48	SSW	2	b	2	Rochefort	30.33	62	61	NE	3	b	2
Holyhead ...	30.46	54	51	NNE	4	b	3	Bent Neve (Hobbs)							
								3am on 6th	25.86	34	34	SE	4	o	Max Min Rain
														35 27	0.01

The depression over the Netherlands has scarcely moved, but a slight increase of pressure has occurred in the SE. The weather over the E. of England remains dull and wet with a cold N^W wind.

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 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in charts.



DAILY WEATHER REPORT

FOR

SATURDAY 8TH OCTOBER.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

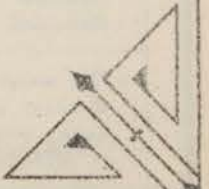
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on SATURDAY 8th OCTOBER.

1881

BAROMETER, WIND & SEA.

Explanation of Map

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4.
⊙ = dead calm.

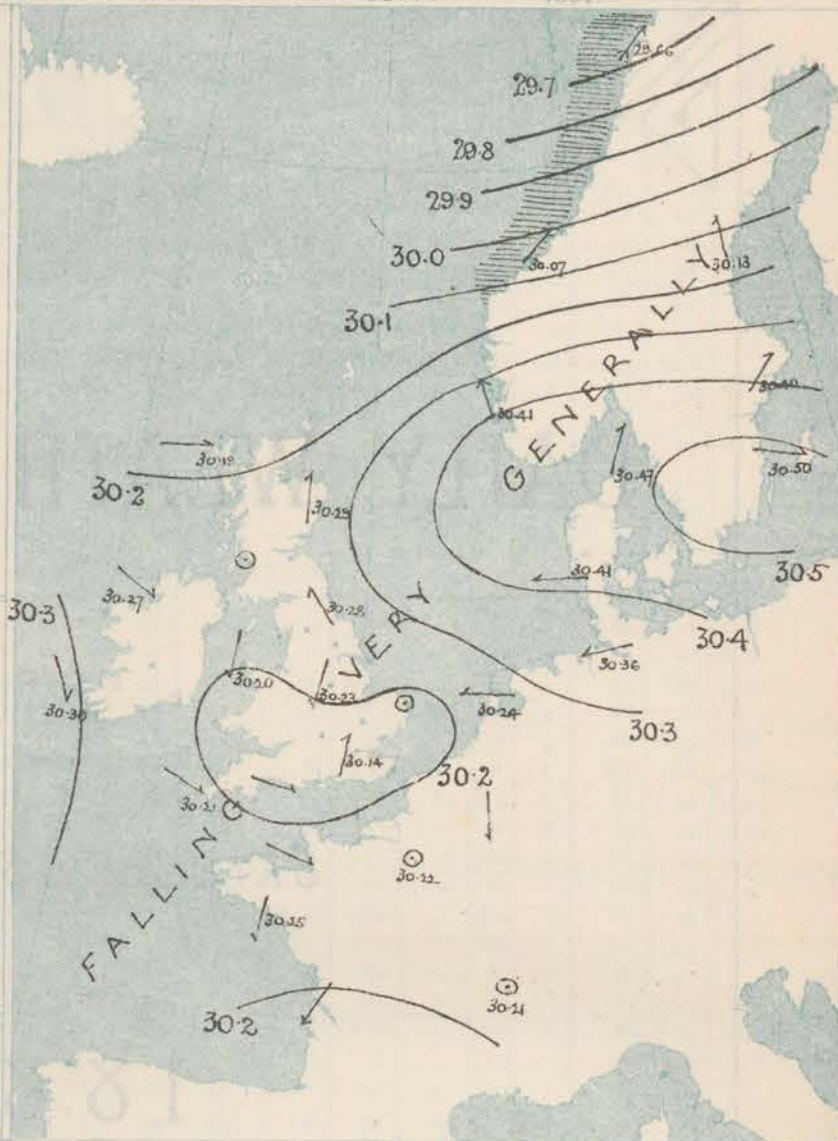
Sea Disturbance, where considerable, is shown by shading round the coast:
Thus Rough, High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings in.
Nairn	29.724
Aberdeen	29.748
Inch	29.776
Scarborough	30.812
Ardrossan	29.702
Greencastle	29.784
Holyhead	29.800
Valentia	29.800
Roche's Pt.	29.837
Plymouth	30.940
LONDON	30.967
Yarmouth	30.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

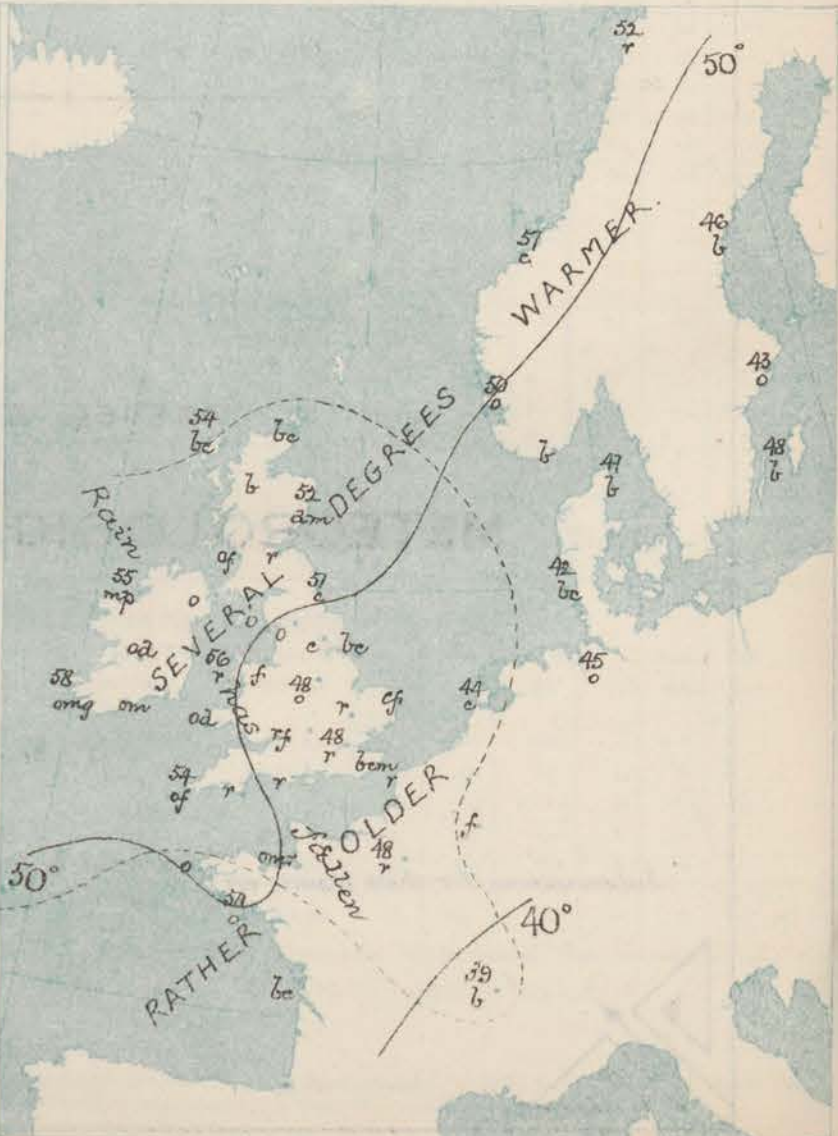
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Falls of 0.5 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
	°	ins.
Samburgh Head	46.4	2.61
Stornoway	46.8	1.88
Aberdeen	47.4	2.24
Shetlands	49.3	2.01
Bork	49.0	2.65
Mullaghmore	49.1	?
Holyhead	51.1	5.44
Parsonstown	50.2	0.63
Exeter	51.1	2.77
Sally (St Mary's)	54.6	4.91
Hurst Castle	51.0	?
Dover	52.0	2.36
LONDON	52.3	2.84
Yarmouth	51.6	2.67

* The mean Temperatures are those for the 53 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 8th OCTOBER, 1881, at 8 a.m.

During the past twenty four hours the barometer has fallen over the whole of Western Europe, and a well marked depression in which, however, readings are as high as 30.1 ins. has appeared over England. At the same time a second depression is shown in the north of Scandinavia, and the greatest decrease in pressure has taken place over the midland counties of England and the N. of Sweden. An anticyclone lies over the Sound and the Baltic. The wind varies considerably in direction, but is moderate or light in force except in the far N.; it blows from S. and SW. over Scotland and Scandinavia, from N. in Ireland, from W. in the south of England, and from E. in the N. of that country. The weather is fine in the south of France, in North Scotland, and in parts of Denmark and Sweden, but elsewhere the sky is cloudy or overcast, with rain in many places. Temperature has fallen at our S. stations and over France, even elsewhere, readings ranging from 58° at Valencia to 46° at Cambridge. The maxima yesterday were between 50° and 60°. The sea is moderate to smooth except in the far N.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

9th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} to SW ^{ly} breezes, light; fine to cloudy.
2 SCOTLAND EAST	S ^{ly} winds, light or moderate; cloudy, unsettled.
3 ENGLAND N.E.	SE ^{ly} winds, backing to E.; cloudy, cold, some rain.
4 ENGLAND EAST	E ^{ly} to NE ^{ly} winds, moderate and fresh; dull and rain then fair.
5 MIDLAND COUNTIES	NE ^{ly} and N ^{ly} winds, then variable; dull and rain then fair.
6 ENGLAND SOUTH	Same as N° 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable breezes; cloudy, some rain.
7 ENGLAND N.W.	N ^{ly} winds to variable breezes; dull, cold rain.
8 ENGLAND S.W.	NW ^{ly} winds, light; dull, some rain.
9 IRELAND NORTH	N ^{ly} breezes, light and moderate; then variable, dull, showery.
10 IRELAND SOUTH	— D° — D° — D° —

WARNINGS

The S. cone was hoisted in districts 1, 2, 3, 4, 5, 6, and 9, last evening, but lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR 8th OCT^r 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.					
			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.	Amount of Rainfall.			
† Haparanda ...	29.53	46	SW	8	0	29.78	- 48	47	46	+ 6	SW	4	0	*	?	37	-			
Hernösand ...	30.20	46	S	4	0	30.13	- 37	46	42	+ 46	S	2	6	*	48	27	-			
Stockholm ...	30.47	44	WSW	2	6	30.40	- 13	43	41	+ 2	WSW	4	0	*	?	36	-			
Wisby ...	30.51	44	S	4	6	30.50	- 03	48	46	+ 5	WNW	2	6	*	54	41	-			
Bodö ...	29.73	46	SW	6	N	29.66	- 14	52	51	+ 2	SW	3	N	6	?	45	0.20			
Christiansund ...	30.09	53	WSW	6	0	30.07	- 04	57	52	+ 12	SW	3	C	6	57	43	-			
† Skudesnaes ...	30.45	50	S	6	0	30.41	- 03	53	46	+ 2	SSE	5	0	4	?	48	-			
Oxö (Christiansund) ...	30.47	48	ESE	2	0	30.46	+ 05	45	44	+ 1	NW	1	6	1	48	?	-			
Skagen (The Skaw) ...	30.49	47	S	2	0	30.47	+ 03	47	46	0	SSW	2	6	1	50	37	-			
Fanö ...	30.41	42	E	2	C	30.41	+ 02	42	42	+ 3	E	4	60	*	46	37	-			
Cuxhaven ...	30.36	?	NE	2	60	30.36	+ 02	45	44	+ 4	ESE	2	0	*	45	37	-			
† Sumburgh Head ...	30.23	57	SW	3	6	30.19	+ 10	54	54	0	W	1	60	2	59	51	-			
† Stornoway ...	30.24	55	S	0	0	30.19	- 05	54	54	+ 4	SW	2	60	2	57	49	0.10			
Wick ...	30.26	57	WNW	2	C	30.22	- 04	53	51	+ 4	W	0	6	1	59	49	0.10			
Nairn ...	30.29	53	W	0	0	30.29	- 05	52	51	+ 3	S	4	dm	2	55	48	0.16			
† Aberdeen ...	30.34	54	NW	1	0	30.27	- 14	52	52	+ 2	SE	1	N	*	56	49	0.02			
Leith ...	30.37	54	WSW	1	2	30.28	- 19	51	47	+ 4	SE	3	0	3	55	45	0.21			
† Shields ...	30.42	52	W	2	0	30.22	- 24	50	47	+ 1	E	5	60	4	52	47	0.07			
Spurn Head ...	30.45	49	SW	1	m	30.25	- 25	49	47	+ 2	SSW	2	C	*	55	46	0.30			
York ...	30.45	49	N	1	N	30.23	- 21	48	47	0	NNE	3	0	*	56	46	0.37			
Nottingham ...	30.37	53	SW	3	0m	30.24	- 19	54	54	+ 3	ESE	1	Of	1	54	50	0.04			
† Ardrossan ...	30.37	57	WSW	3	0g	30.27	- 13	55	55	+ 1	WNW	3	mp	2	58	53	0.06			
Mullaghmore ...	30.40	54	WSW	2	0	30.24	- 23	55	55	+ 7	N	4	0	2	56	48	0.08			
Donaghadee ...	30.45	55	SW	1	N	30.27	- 23	56	55	+ 8	NW	1	od	*	58	47	-			
Parsonstown ...	30.40	53	SW	3	0	30.21	- 28	52	51	+ 7	NE	3	0	2	55	44	0.16			
Barrow-in-Furness ...	30.48	55	SW	2	m	30.20	- 29	56	45	+ 5	NNE	3	N	3	56	49	0.08			
† Holyhead ...	30.44	52	SSW	2	0	30.20	- 30	49	48	+ 1	ESE	2	f	2	56	48	0.29			
Liverpool (Bidston) ...	30.46	58	SSW	3	0	30.20	- 19	58	57	+ 2	NNW	2	mg	2	60	56	0.13			
† Valentia ...	30.48	57	WSW	3	0	30.28	- 23	58	57	+ 2	NW	3	om	3	60	54	-			
Roche's Point ...	30.46	54	WNW	1	0	30.18	- 24	55	55	+ 4	NW	3	od	2	55	51	0.10			
Pembroke ...	30.48	50	NE	1	0	30.19	- 34	51	51	+ 5	WSW	3	N	2	56	45	-			
† Scilly ...	30.47	50	ESE	3	C	30.17	- 23	48	48	- 1	WNW	2	N	2	57	45	0.81			
Hurst Castle ...	30.44	53	NNE	2	60	30.14	- 30	47	45	- 3	WSW	1	60	0	57	46	0.02			
† Dover ...	30.26	50	ESE	2	0	30.14	- 35	48	47	- 1	SSW	1	N	*	55	45	0.28			
London ...	30.43	48	N	1	0	30.15	- 37	47	47	- 1	W	0	N	*	52	47	0.34			
Oxford ...	30.44	46	N	1	0	30.15	- 35	46	41	- 2	E	1	N	*	54	45	0.29			
Cambridge ...	30.43	50	NW	1	60	30.14	- 30	47	46	+ 3	W	0	cf	3	54	44	0.19			
† Yarmouth ...	30.34	48	NE	1	N	30.24	- 13	44	42	- 7	E	3	C	3	52	43	0.16			
The Helder ...	30.42	52	NNE	3	0	30.20	- 24	47	41	+ 3	NW	3	N	2	59	46	-			
Cape Gris Nez ...	30.47	51	NE	2	6	30.26	- 25	50	48	- 3	NW	1	om	1	57	49	0.14			
† Jersey ...	30.45	52	NE	3	0	30.29	- 20	51	50	0	NE	3	0	2	57	46	-			
Brest ...	30.37	55	NNE	5	6	30.25	- 18	50	48	- 3	NNE	4	0	1	61	48	-			
Lorient ...	30.27	55	ESE	7	6	30.18	- 19	47	45	- 3	NE	7	60	2	66	43	-			
† Rochefort ...																				
Biarritz ...																				
Corunna ...																				
Brussels ...																				
Charleville ...	30.28	49	NW	4	0	30.22	- 17	41	39	- 5	N	4	f	*	67	39	-			
Paris ...	30.39	54	NNE	1	0	30.22	- 23	43	43	+ 1	W	0	N	*	*	*	0.04			
Lyons ...	30.25	48	NW	1	6	30.21	- 18	39	38	+ 3	SSE	1	6	*	53	36	-			
† Toulon ...	30.06	64	E	3	60	30.04	- 11	62	57	+ 6	E	8	C	4	70	55	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.16	45	SW	2	N	28.99	- 24	45	44	+ 5	E	2	0	*	48	40	0.13			

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

Hawes Junction	29.16	45	SW	2	N	28.99	45	44	+ 5	E	2	0	*	48	40	0.13
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.45	51	46	SSW	4	0	3	Valentia ...	30.50	59	55	S	3	0	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.22	58	57	SW	6	0	6	Dover ..	30.46	55	50	NE	3	6	1
Aberdeen ...	30.30	53	52	SSW	1	N	3	London ...	30.44	52	47	NNW	2	0	*
Shields ...	30.42	55	51	WSW	1	m	4	Yarmouth ...	30.45	54	48	NNW	2	6	3
Ardrossan ...	30.40	52	52	SW	4	N	3	Jersey ...	30.49	55	50	NE	3	0	3
Mullaghmore ...	30.40	56	56	SW	3	NW	2	Rochefort ...	30.33	58	52	ESE	7	0	2
Holyhead ...	30.48	56	59	SW	2	0	1	Ben Nevis (4406 ft.) Jan 7th.	25.49	38	38	WSW	6	0	max 38 min 27 Range 10.25

Pressure is increasing in the Hebrides but is not changing much elsewhere. The depression off the NW. of Scotland is passing away but the weather remains dull with rain in some 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 (hazy); 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 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in charts.

DAILY WEATHER REPORT

FOR

SUNDAY 9TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday 9th OCTOBER.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their horns and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4;
○, dead calm.

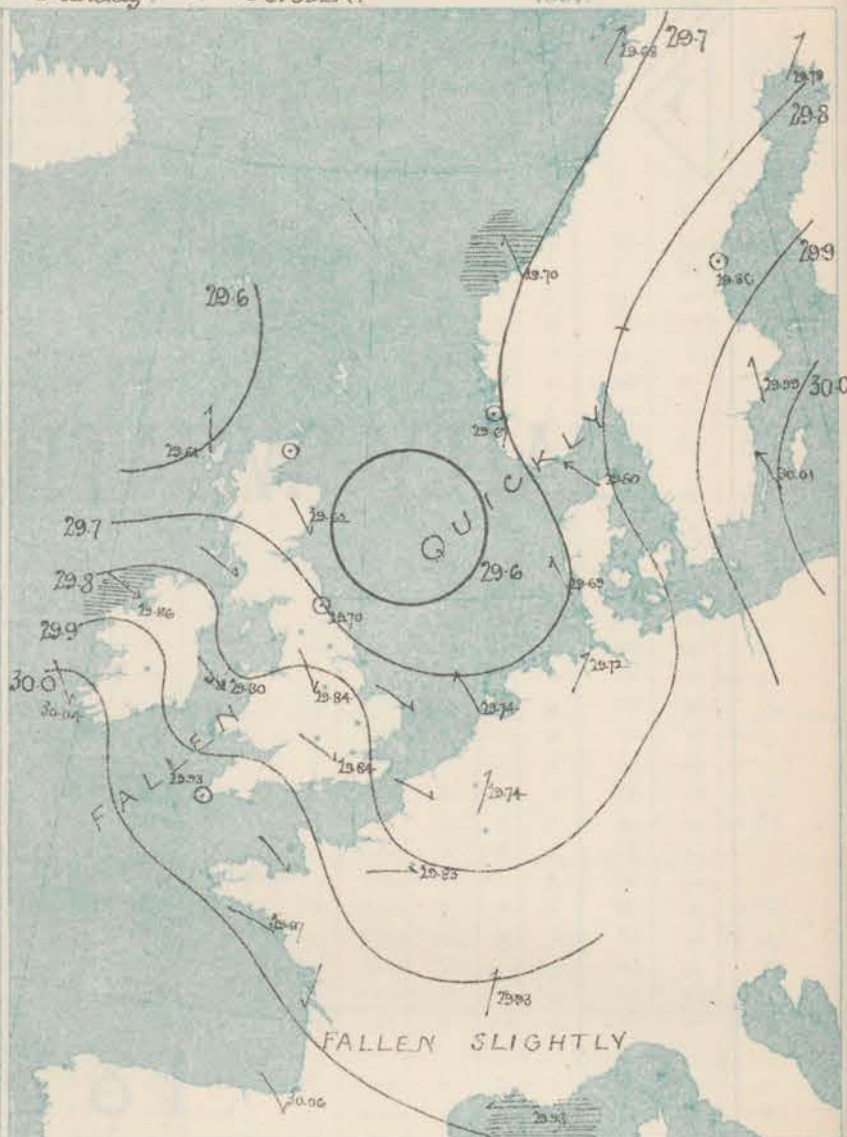
Sea Disturbance; where considerable, is shown by shading round the coast. Thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings ins.
Nairn	29.721
Aberdeen	29.738
Leith	29.770
Scarborough	29.872
Aldersay	29.792
Greenock	29.781
Holyhead	29.820
Valentia	29.832
Koch's Pt.	29.837
Plymouth	29.920
LONDON	29.907
Yarmouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 1°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

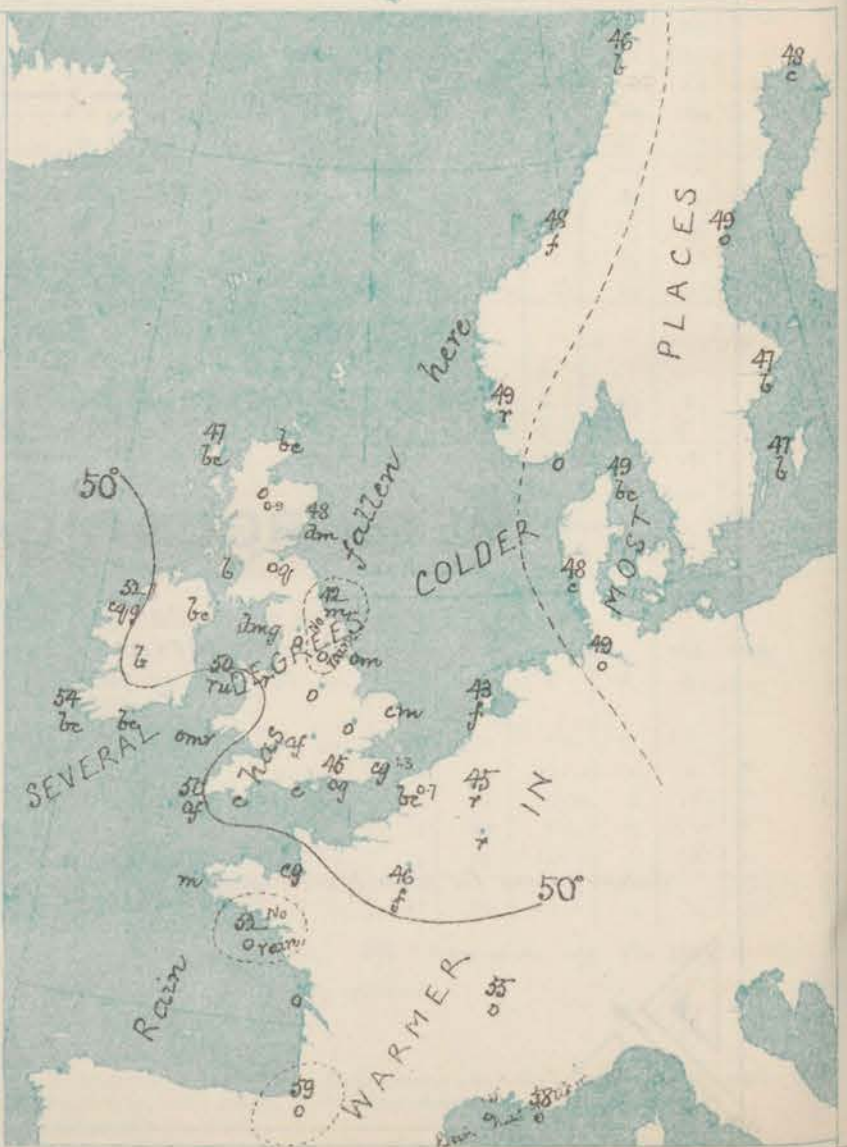
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of October

Stations	Temp	Rain-fall ins.
Samburgh Head	46.4	2.66
Sternoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.61
York	49.9	2.85
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Paranstown	50.2	3.63
Valentia	51.1	7.11
Sally (St Mary's)	54.6	4.01
Hurst Castle	53.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Yarmouth	51.6	2.87

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 9th OCT^r 1881, at 8 a.m.

The weather over the United Kingdom this morning, though finer over our southern counties than it was yesterday has nevertheless remained in a most unstable condition generally. This morning's observations showed that a well formed depression lay between the Scotch and Norwegian coasts, a subsidary disturbance over Belgium, and several small subsidaries over our western stations. The barometer has fallen generally, and in some places rapidly, and there are indications of the advance of yet another depression toward the Hebrides from the NWrd. Fine weather prevails over the greater part of Ireland, dull, gloomy, hazy weather elsewhere, and rain at our NW and N stations. Heavy snow clouds are reported at Wick. Temperature has fallen considerably and varies from 54° in the south of Ireland to 45° in London and 42° at Wick. The Sea is rather rough at Christiansund, Mullaghmore, and Toulon, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 9TH OCTOBER 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						FAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Temp. in shade.	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).			Dry.	Wet.						Max.	Min.			
Haparanda ...	29.67	52	SW	4	bc	+0.1	48	46	+1	SW	2	c	*	54	37	—		
Hernösand ...	29.95	55	S	2	o	—0.27	49	48	+3	Z	0	o	*	7	41	—		
Stockholm ...	30.20	43	SW	2	b	—0.1	47	45	+4	S	2	b	*	52	41	—		
Wisby ...	30.30	45	W	2	b	—0.49	47	46	—1	SSE	6	b	*	52	43	—		
Bodö ...	29.69	48	SW	8	c	+0.2	46	46	—6	SW	6	b	*	52	43	0.39		
Christiansund ...	29.97	52	SW	4	o	—0.37	48	47	—9	SSE	1	f	5	55	39	0.28		
†Skudesnaes ...	30.17	50	SE	4	b	—0.74	49	47	—1	Z	0	r	3	52	7	0.08		
Oxö (Xianstund) ...	30.21	49	NNE	1	c	—0.71	50	49	+5	E	4	o	3	50	46	—		
Skagen (The Skaw) ...	30.20	48	SE	3	b	—0.67	49	47	+2	ESE	5	bc	4	50	45	—		
Fanö ...	30.08	50	SE	4	c	—0.72	48	48	+6	SSE	4	c	*	54	41	—		
Cuxhaven ...	30.09	7	ESE	1	f	—0.64	49	48	+4	SW	1	o	*	50	43	—		
†Sumburgh Head ...	30.08	51	N	1	r	—0.58	47	46	—7	S	2	bc	1	58	37	0.13		
†Stornoway ...	30.13	54	Z	0	r	—0.59	42	41	—12	NW	1	bc	2	55	41	0.41		
Wick ...	30.02	55	ENE	1	T	—0.56	45	44	—8	Z	0	o	1	59	45	0.89		
Nairn ...	30.09	47	SSW	3	b	—0.67	48	47	—4	NNW	3	dm	2	54	44	0.11		
†Aberdeen ...	30.11	49	SE	1	b	—0.60	47	46	—5	W	2	og	*	58	37	0.10		
Leith ...	30.13	50	ESE	2	o	—0.58	42	40	—9	Z	0	om	2	53	38	—		
†Shields ...	30.05	52	ENE	6	bc	—0.46	46	45	—4	W	3	om	3	52	44	0.01		
Spurn Head ...	30.13	47	NNE	1	b	—0.48	42	41	—7	WSW	1	o	*	55	38	—		
York ...	30.07	48	NNE	3	o	—0.39	44	43	—4	NNW	1	o	*	54	40	0.03		
Nottingham ...	30.11	51	ENE	1	o	—0.51	49	46	—5	WNW	4	b	3	56	43	0.27		
†Ardrossan ...	30.10	55	NNW	3	o	—0.41	52	47	—3	WNW	6	egg	5	58	49	0.11		
†Mullaghmore ...	30.11	50	W	2	o	—0.44	47	45	—8	WSW	2	bc	0	55	45	0.21		
Donaghadee ...	30.10	55	NNW	1	r	—0.31	45	43	—11	NW	1	b	*	58	43	0.12		
Parsonstown ...	30.13	50	NE	2	b	—0.44	47	46	—5	W	3	dm	2	57	45	0.03		
Barrow-in-Furness ...	30.09	49	ENE	3	b	—0.40	50	50	—6	NW	5	ru	4	56	46	0.19		
†Holyhead ...	30.10	48	NE	2	b	—0.39	45	44	—4	SW	2	r	1	53	43	0.01		
Liverpool (Bidston) ...	30.13	56	NNW	3	o	—0.26	54	50	—4	NW	4	bc	4	60	50	0.10		
†Valentia ...	30.12	57	N	3	o	—0.32	55	52	—3	N	5	bc	4	61	45	0.01		
Roche's Point ...	30.06	50	ENE	2	o	—0.32	55	55	0	SW	2	omr	2	57	47	0.06		
Pembroke ...	30.01	48	NNE	1	c	—0.26	47	45	—4	W	1	c	0	60	40	0.08		
†Scilly ...	29.92	46	NE	3	bc	—0.29	46	45	—2	NNW	2	c	2	51	43	0.10		
Prawle Point ...	29.90	50	SE	5	o	—0.36	49	47	+2	NW	3	eg	1	51	46	1.25		
Hurst Castle ...	29.92	45	ENE	4	or	—0.30	45	44	—3	NNW	1	og	*	48	43	0.29		
†Dover ...	29.94	47	NNW	3	o	—0.30	45	44	—2	W	1	of	*	52	41	0.03		
London ...	29.94	45	E	1	o	—0.32	45	45	—1	NW	1	o	*	50	38	0.06		
Oxford ...	29.99	50	ESE	4	r	—0.37	48	47	+1	NW	2	om	3	52	45	0.27		
Cambridge ...	30.02	49	E	1	bc	—0.50	43	42	—1	SE	1	f	1	52	43	—		
†Yarmouth ...	30.01	48	E	5	r	—0.42	49	47	0	NNW	3	bc	2	50	45	0.71		
The Helder ...	29.92	51	NNE	4	o	—0.31	51	48	+1	NW	2	eg	3	56	49	0.38		
Cape Gris Nez ...	29.97	57	NNW	5	r	—0.32	54	53	+3	Z	0	m	3	57	46	0.08		
†Jersey ...	30.05	56	WNW	7	m	—0.28	52	49	+2	NW	3	o	2	57	47	—		
Brest ...	29.99	56	N	4	c	—0.23	55	53	+8	NNE	4	o	2	54	43	0.12		
Lorient ...	30.08	57	NW	4		—0.05	59	53	+9	NW	4	o	3	59	45	—		
†Rocheport ...	30.08	57	NW	4		—0.05	59	53	+9	NW	4	o	3	59	45	—		
Biarritz ...	30.08	57	NW	4		—0.05	59	53	+9	NW	4	o	3	59	45	—		
Corunna ...	30.08	57	NW	4		—0.05	59	53	+9	NW	4	o	3	59	45	—		
Brussels ...	29.74	46	ESE	1	bc	—0.49	43	40	+2	SE	1	r	*	53	41	0.16		
Charleville ...	29.99	46	ESE	1	bc	—0.49	43	40	+2	SE	1	r	*	53	41	0.16		
Paris ...	30.02	49	Z	0	o	—0.39	46	45	—2	W	4	b	*	50	38	0.05		
Lyons ...	30.05	52	ESE	1	c	—0.28	55	53	+16	SW	3	o	*	56	47	0.20		
Toulon ...	30.02	60	E	8	o	—0.06	58	56	—4	E	4	o	5	59	54	0.04		

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

Hawes Junction	28.89	41	SE	2	b	—0.47	41	41	—4	W	3	o	*	49	33	0.01		
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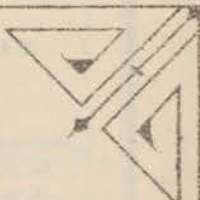

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.32	52	46	S	5	c	5	Valentia ...	30.21	59	57	NNW	3	om	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.14	53	53	NW	2	r	1	Dover ..	29.97	49	48	SSE	3	omr	2
Aberdeen ...	30.21	53	50	S	4	c	2	London ...	29.98	47	46	SE	2	ogr	*
Shields ...	30.19	53	48	ESE	2	b	3	Yarmouth ...	30.05	51	48	ESE	5	c	4
Ardrossan ...	30.18	52	51	SE	3	o	3	Jersey ...	30.03	53	53	SW	5	r	4
Mullaghmore ...	30.19	57	56	NNW	2	br	2	Rocheport ...	30.11	61	54	NE	5	o	2
Holyhead ...	30.15	53	50	ESE	4	o	3	Ben Nevis (4406 ft) 9am 8 ²⁵	25.72	49	49	SE	1	o	51
														38	04

The barometer has fallen in all places since the morning, and the depression over England has passed a little S^W at the time was becoming rather deeper. The sky has cleared at Shields, but dull wet weather prevails elsewhere.

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. squally; r. rain; s. snow; t. thunder; v. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

MONDAY, 10TH OCTOBER.

1881.

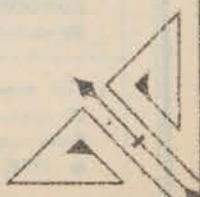
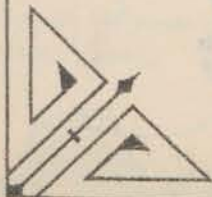
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ROBERT H. SCOTT
(SECRETARY.)

for 8 a.m. on Monday 10th OCTOBER.

[illegible]

REMARKS

for Monday, October 10th 1881, at 8 a.m.

The weather this morning is rather more settled than it had been during the past two days. The depressions, which yesterday were lying in our immediate neighbourhood, have travelled away over Scandinavia and though the mercury is still falling over our Nth districts and the countries to the Eth of the North Sea, it is rising comparatively briskly over France and the greater part of England. A large area of high pressure lies over France and the S.W. of England, and gradients are rather steep over these islands. The wind is N^{ly} over France, W^{ly} on all our coasts and over the North Sea, and S.W. to S^{ly} in Sweden. At some stations it blows strongly but in the S. it is generally light or moderate. Temperature has risen in the N. fallen in most other districts, readings range from 53° in Ireland to 42° at Oxford, and the maxima yesterday varied between 50° and 58°. The weather is fine at some of the Sth stations and in France drier and rainy elsewhere. The Sea is rough at Stormoway and Mullaghmore.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

11th OCTOBER

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S.W. and W. winds, rather strong; dull, unsettled, some rain.
2 SCOTLAND EAST	—
3 ENGLAND N.E.	N.W. winds, backing; fair, then dull and rain.
4 ENGLAND EAST	S.W. to W. or N.W. winds, moderate; fair during greater part of day, then unsettled and showery.
5 MIDLAND COUNTIES	S.W. and W. winds, moderate; dull rain.
6 ENGLAND SOUTH	Same as No 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W. winds, fresh or strong; rain.
7 ENGLAND N.W.	—
8 ENGLAND S.W.	W. winds, backing, moderate; fair, then dull and rain.
9 IRELAND NORTH	W. winds, rather strong; dull, rainy unsettled.
10 IRELAND SOUTH	—
WARNINGS	The north cone is still up in Districts 0, 6, 7 and 9.

METEOROLOGICAL OBSERVATIONS FOR 10th OCTOBER 1881.

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 ...	29.60	45	SW	2	c	29.38	- .41	42	42	- .4	S	2	c	*	52	43	-		
Hernösand ...	29.55	47	S	2	c	29.15	- .71	48	48	- .1	S	2	r	*	55	47	0.04		
Stockholm ...	29.56	47	SE	2	c	29.20	- .79	49	46	+ .2	SW	8	c	*	55	41	0.04		
Wisby ...	29.55	50	S	4	b	29.36	- .65	50	47	+ .3	WSW	8	c	*	59	43	0.04		
Bodö ...	29.36	46	NE	2	c	29.00	- .68	47	46	+ .1	?	2	r	1	?	44	0.12		
Christiansund ...	29.27	48	SE	1	r	29.10	- .60	47	44	- .1	W	6	r	5	50	37	0.24		
†Skudesnaes ...	29.34	47	W	2	c	29.32	- .35	48	44	- .1	NNW	6	c	5	48	47	-		
Oxö (Xömsund) ...	29.36	50	SE	4	r	29.25	- .50	47	44	- .3	NW	4	bc	2	50	45	0.39		
Skagen (The Skaw)	29.30	50	SSW	4	r	29.21	- .59	46	46	- .3	W	7	r	8	52	46	0.63		
Fanö ...	29.43	5	W	4	c	29.52	- .17	49	47	0	W	6	c	*	54	48	0.16		
Cuxhaven ...	29.53	?	WSW	4	r	29.65	- .07	48	47	- .1	W	4	c	*	50	45	0.32		
†Sumburgh Head	29.63	46	NNW	5	b	29.47	- .14	52	50	+ .5	NNW	6	og	5	52	41	0.25		
†Stornoway ...	29.49	44	NNW	6	c	29.40	- .20	49	47	+ .7	NNW	4	c	3	50	40	0.11		
Wick ...	29.62	45	NNW	5	c	29.49	- .17	50	48	+ .5	WSW	3	c	2	50	42	0.02		
Nairn ...	29.55	47	NNW	4	b	29.54	- .08	45	43	- .3	WSW	1	c	1	54	36	0.04		
†Aberdeen ...	29.63	47	NNW	4	bc	29.62	- .05	51	49	+ .4	W	4	c	*	57	41	-		
Leith ...	29.63	50	NNW	4	c	29.70	0.00	51	49	+ .9	W	6	c	2	54	38	0.05		
†Shields ...	29.66	50	W	5	c	29.85	+ .09	47	46	+ .1	SW	6	c	3	52	43	-		
Spurn Head ...	29.70	49	NNW	3	c	29.85	+ .08	48	46	+ .6	WSW	4	c	*	53	33	0.07		
York ...	29.80	49	NNW	3	c	29.97	+ .13	44	42	0	WSW	3	c	*	54	37	-		
Nottingham ...	29.75	49	NNW	5	bc	29.71	- .02	53	51	+ .4	WSW	5	r	4	53	45	0.07		
†Ardrossan ...	29.91	50	NNW	6	c	29.88	+ .02	53	51	+ .1	W	6	og	6	53	47	0.19		
†Mullaghmore ...	29.84	46	NW	4	bc	29.83	+ .03	50	49	+ .3	W	4	c	2	51	41	0.07		
Donaghadee ...	29.95	49	NW	2	bc	30.04	+ .05	51	50	+ .6	W	2	og	*	55	41	0.05		
Parsonstown ...	29.77	49	NNW	5	c	29.86	+ .09	52	49	+ .5	WSW	5	op	4	55	47	0.10		
Barrow-in-Furness	29.87	51	NNW	6	c	29.95	+ .15	50	50	+ .1	NNW	4	op	3	53	49	0.03		
†Holyhead ...	29.80	50	W	6	bc	29.93	+ .12	51	48	+ .6	WSW	5	c	4	53	45	0.04		
Liverpool (Blaston)	30.10	52	NNW	4	c	30.11	+ .07	53	52	- .1	W	3	cp	4	58	50	0.07		
†Valentia ...	30.05	51	NW	4	bc	30.08	+ .12	52	50	- .2	NNW	5	c	4	57	48	0.05		
Roche's Point ...	29.94	52	NNW	5	b	30.10	+ .26	52	52	- .1	W	5	c	3	57	49	0.04		
Pembroke ...	29.90	50	NNW	3	c	30.14	+ .21	48	47	+ .1	W	2	c	2	56	42	0.06		
†Scilly ...	29.87	51	NE	5	c	30.08	+ .20	46	45	0	NNW	2	c	2	52	41	0.04		
Hurle Point ...	29.87	51	W	4	bc	30.02	+ .24	46	43	- .3	NNW	3	b	1	55	43	-		
†Dover ...	29.82	48	NNW	2	bc	30.03	+ .19	43	42	- .2	WSW	2	c	*	52	37	-		
†London ...	29.89	48	W	3	c	30.04	+ .19	42	41	- .3	WSW	3	bc	*	52	39	-		
Oxford ...	29.77	45	NNW	1	c	30.01	+ .18	43	43	- .2	SW	1	c	*	54	38	0.03		
Cambridge ...	29.72	48	W	3	c	29.93	+ .16	43	42	- .5	W	3	bc	3	52	40	-		
†Yarmouth ...	29.63	52	NNW	5	c	29.82	+ .08	51	47	+ .8	NNW	3	c	3	52	43	0.12		
The Helder ...	29.74	52	NNW	5	c	30.05	+ .27	49	45	0	W	5	b	4	53	45	0.04		
Cape Gris Nez	29.98	54	NNW	3	bc	30.16	+ .23	51	48	0	NW	2	cy	3	57	49	-		
†Jersey ...	30.06	55	NNW	7	bc	30.16	+ .19	54	50	0	N	3	bc	3	59	50	0.08		
Brest ...	30.07	59	NNW	7	c	30.16	+ .19	51	48	- .1	NNE	4	b	2	59	48	0.07		
Lorient ...	30.04	59	NNW	3	c	30.16	+ .21	53	50	- .2	N	7	b	2	63	48	0.02		
†Rocheft ...	30.08	59	W	5	r	30.15	+ .09	57	54	- .2	N	4	bc	4	61	50	0.16		
Biarritz ...	29.99	45	SE	4	c	30.13	+ .40	42	41	- .1	WSW	1	bc	*	52	43	0.28		
Corunna ...	29.94	51	WSW	3	bc	30.12	+ .29	48	46	+ .2	W	2	c	*	50	43	-		
Brussels ...	30.02	52	NNE	3	c	29.70	- .23	42	42	- .13	ENE	1	g	*	58	40	-		
Charleville ...	29.89	61	NW	4	c	29.66	- .32	57	50	- .1	NNW	3	c	5	66	55	-		
Paris ...	29.89	61	NW	4	c	29.66	- .32	57	50	- .1	NNW	3	c	5	66	55	-		
Lyons ...	29.89	61	NW	4	c	29.66	- .32	57	50	- .1	NNW	3	c	5	66	55	-		
Toulon ...	29.89	61	NW	4	c	29.66	- .32	57	50	- .1	NNW	3	c	5	66	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.49	43	NW	3	c	28.59	+ .07	46	45	+ .5	W	4	r	*	49	36	0.08		

HIGH LEVEL STATION.

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

Hawes Junction	28.49	43	NW	3	c	28.59	+ .07	46	45	+ .5	W	4	r	*	49	36	0.08
----------------	-------	----	----	---	---	-------	-------	----	----	------	---	---	---	---	----	----	------

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.44	49	49	2	0	2	Valentia ...						
Sumburgh Head							Scilly ...						
Stornoway ...							Dover ..						
Aberdeen ...							London ...						*
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rocheft ...	30.02	61	54	2	0	0
Holyhead ...							Ben Nevis 4406 ft	2504	38	30	NE	3	0
							3 A.M. on 11 th						

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 (bazy) 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

1881.

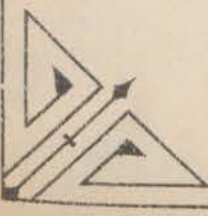
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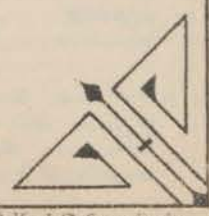
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, 15th 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 11th OCTOBER.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * - force above 10; * - force 8 to 10;
 * - force 5 to 7; * - force 1 to 4;
 ○ - dead calm.

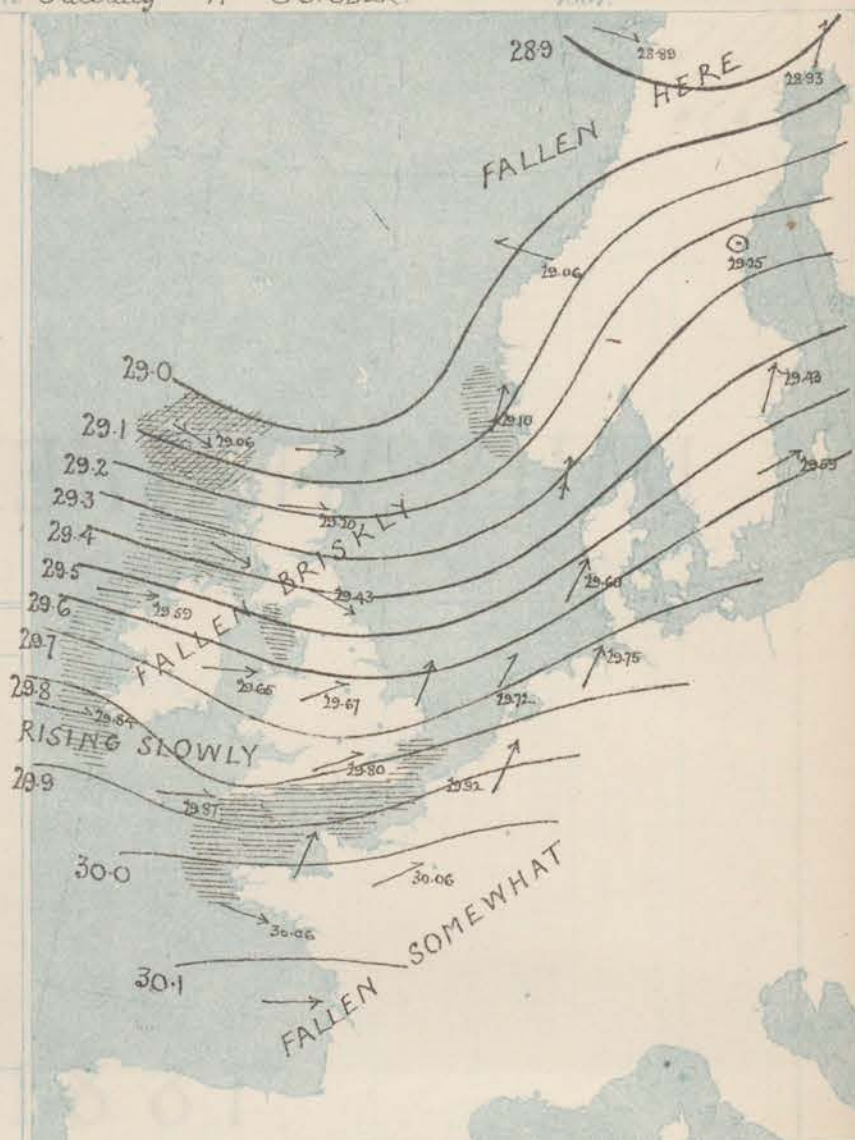
Sea Disturbance; where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations	Mean Readings In.
Nairn	29.724
Aberdeen	29.738
Leith	29.776
Scarborough	29.845
Ardrossan	29.792
Greenock	29.789
Holyhead	29.859
Valentia	29.852
Roskeil Pt.	29.827
Plymouth	29.850
LONDON	29.877
Yarmouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

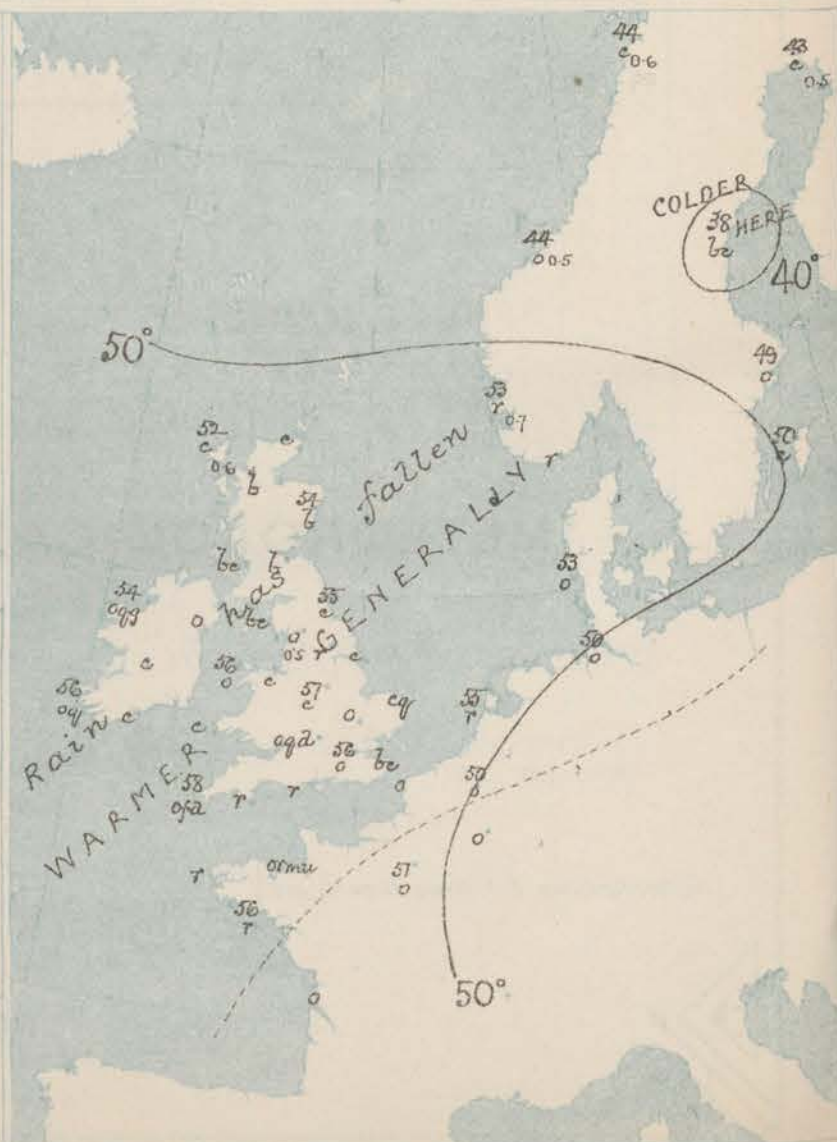
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m. Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

Stations	Temp	Rain-fall
Sumburgh Head	46.2	2.61
Sorness	46.6	2.88
Aberdeen	47.4	3.24
Stirling	48.3	2.61
Kirk	48.8	2.65
Mullaghmore	49.1	?
Holyhead	51.2	5.44
Parsonstown	50.2	3.65
Valentia	51.4	2.11
Sally (St. Mary's)	51.6	4.91
Hurst Castle	52.3	?
Dover	53.0	3.26
LONDON	52.3	2.54
Yarmouth	53.6	2.87

* The mean Temperatures are those for the 3 years 1857-59, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 11th OCTOBER 1881 at 8 a.m.

(During the past night a deep depression has advanced to the north of Scotland, occasioning a brisk fall of the barometer over the whole of Western Europe. The change has, however, been much slighter within the area of high pressure over France than at our northern stations, so that gradients have still further increased, and are now very steep over the whole of these Islands. A small subsidiary depression lies apparently over the Bristol Channel. The wind is W¹ on nearly all our own and the French coast, but draws into S. and E. on the eastern shores of the North Sea. It is still strong to a gale in force at nearly all places, and during last night gales were experienced over all the north-western and northern part of the Kingdom. The weather is fine over the greater part of Scotland, but is cloudy or dull elsewhere with rain over the Channel and north-west of France. Temperature has risen and is very uniform, ranging from 58° at Yarmouth to 51° at Harrow. The maxima were between 53° and 59°. The sea is rough except on the East coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

12th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W ¹ and NW ¹ winds and gales cloudy, showery.	6 SCOTLAND WEST	Same as N ^o 1 and 1.
2 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND N.W.	W ¹ winds and gales, unsettled, showery, cloudy.
3 ENGLAND N.E.	W ¹ winds, strong to a gale; dull, rain then fair.	8 ENGLAND S.W.	W ¹ winds, strong, to NW ¹ winds, moderate, rainy then fair.
4 ENGLAND EAST	SW ¹ winds, strong; mild and rainy, then NW ¹ winds, strong, cooler and fairer.	9 IRELAND NORTH	W ¹ or WNW ¹ winds, strong; unsettled, squally, showery.
5 MIDLAND COUNTIES	Same as N ^o 2.	10 IRELAND SOUTH	-----D-----D-----D-----
6 ENGLAND SOUTH	Same as N ^o 3.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

11th OCT^r

1881.

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 ...	28.91	45	SW	4	N	28.93	- .45	43	40	- 1	SW	4	C	*	45	43	0.51		
Hernösand ...	29.08	47	WSW	4	O	29.25	+ 1.0	38	36	- 1.0	Z	0	60	*	50	39	0.24		
Stockholm ...	29.40	46	W	4	N	29.43	+ .23	49	46	0	WSW	6	O	*	52	43	0.04		
Wisby ...	29.50	48	WSW	8	O	29.59	+ .23	50	48	0	WSW	6	C	*	54	46	0.08		
Bodö ...	28.78	46	SW	4	N	28.84	- 1.1	44	41	- 3	WSW	4	C	3	48	41	0.68		
Christiansund ...	29.17	46	W	6	C	29.06	- .04	44	41	- 3	WSW	4	O	5	?	34	0.47		
† Skudesnaes ...	29.36	50	WSW	4	C	29.10	- .22	53	51	+ 5	SSW	8	N	5	?	48	0.67		
Oxö (Klansund) ...	29.41	48	W	4	C	29.30	+ .05	52	51	+ 5	SSW	8	N	4	?	?	0.20		
† Skagen (The Skaw)	29.48	46	WSW	6	B	29.45	+ .24	53	50	+ 7	SW	6	N	5	?	46	0.12		
Fanö ...	29.67	53	W	6	C	29.60	+ .08	53	52	+ 4	SW	6	O	*	54	46	0.24		
Cuxhaven ...	29.76	?	WSW	5	N	29.75	+ .10	50	49	+ 2	SW	5	O	*	52	46	0.04		
† Sumburgh Head																			
† Stornoway ...	29.24	51	SW	5	N	29.06	- .41	52	49	0	WNW	8	C	4	54	40	0.60		
Wick ...	29.38	50	W	3	O	29.02	- .38	52	48	+ 3	W	6	N	4	55	48	0.20		
Nairn ...	29.43	51	WNW	3	O	29.11	- .38	51	48	+ 1	WNW	3	B	2	55	50	0.03		
† Aberdeen ...	29.50	51	SSW	2	N	29.20	- .34	54	49	+ 9	W	4	B	2	56	44	0.04		
Leith ...	29.61	54	W	6	O	29.30	- .32	53	50	+ 2	W	8	B	*	57	50	0.01		
† Shields ...	29.70	54	W	6	N	29.43	- .27	55	53	+ 4	WNW	6	C	2	57	49	0.04		
Spurn Head ...	29.83	53	WSW	4	O	29.54	- .31	55	53	+ 8	SSW	5	C	3	55	46	-		
York ...	29.82	53	W	4	O	29.54	- .31	55	54	+ 7	WSW	1	N	*	57	45	0.13		
Nottingham ...	29.81	54	WSW	2	O	29.67	- .30	57	55	+ 13	WSW	3	C	*	59	43	0.01		
† Ardrossan ...	29.65	53	SW	5	N	29.41	- .30	55	51	+ 2	WNW	7	B	5	55	51	0.32		
† Mullaghmore ...	29.65	54	SW	7	qq	29.59	- .29	54	52	+ 1	W	7	qq	6	56	50	0.08		
Donaghadee ...	29.69	53	WSW	5	C	29.54	- .29	53	51	+ 3	W	4	O	2	57	48	0.02		
Parsonstown ...	29.85	53	SW	6	O	29.72	- .29	53	50	+ 2	SSW	2	C	*	57	51	0.01		
Barrow-in-Furness	29.82	54	SW	6	O	29.52	- .34	55	53	+ 3	W	5	B	6	56	51	0.06		
† Holyhead ...	29.87	54	WSW	4	O	29.65	- .30	56	53	+ 5	W	5	O	4	56	51	0.03		
Liverpool (Bidston)	29.86	52	SW	3	O	29.58	- .35	55	53	+ 4	WSW	6	C	4	58	51	0.04		
† Valentia ...	29.93	57	SW	7	po	29.84	- .27	56	53	+ 3	W	4	0	5	59	52	0.09		
Roche's Point ...	29.89	55	W	5	C	29.81	- .27	55	52	+ 2	W	4	C	4	58	52	0.04		
Pembroke ...	29.99	55	WSW	5	C	29.74	- .36	57	55	+ 3	W	6	C	4	57	52	0.05		
† Scilly ...																			
Prawle Point ...	30.12	54	WSW	4	O	29.85	- .29	55	55	+ 7	SW	6	N	6	58	48	0.11		
Hurst Castle ...	30.07	55	WNW	4	C	29.82	- .26	56	56	+ 10	W	7	N	5	58	45	0.06		
† Dover ...	30.06	53	SW	3	bc	29.82	- .20	56	55	+ 10	WSW	5	B	4	57	46	-		
† London ...	30.03	52	SW	2	C	29.80	- .23	56	54	+ 13	WSW	4	O	*	58	43	0.01		
Oxford ...	29.97	52	SW	3	O	29.74	- .30	55	54	+ 13	SW	4	0	*	57	42	0.01		
Cambridge ...	29.98	53	SW	1	O	29.72	- .29	56	54	+ 13	SW	2	0	*	56	41	-		
† Yarmouth ...	29.93	53	WSW	3	C	29.69	- .24	53	52	+ 10	SW	5	0	3	53	42	0.01		
The Helder ...	29.89	54	WSW	3	C	29.72	- .10	55	53	+ 4	SW	4	N	3	55	50	-		
Cape Gris Nez ...	30.06	55	W	7	C	29.86	- .19	56	56	+ 7	SW	7	O	5	57	46	0.04		
† Jersey ...	30.19	56	W	4	0	29.95	- .20	56	55	+ 5	SW	7	0	5	59	51	0.02		
Brest ...	30.20	54	N	4	O	30.03	- .13	58	56	+ 4	W	7	N	5	?	50	0.08		
Lorient ...	30.21	57	WNW	5	O	30.06	- .10	56	54	+ 5	WNW	5	N	4	61	43	0.04		
† Rochefort ...	30.24	58	NW	5	bc	30.15	- .01	57	55	+ 4	W	5	O	2	63	46	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*			*			*				*	*	*		
Brussels ...	*	*	*	*	*	29.92	- .07	50	48	+ 5	SW	4	O	*	54	?	0.04		
Charleville ...	30.15	51	SSW	4	C	?	?	46	43	+ 4	S	1	O	*	55	37	-		
Paris ...	30.19	52	WSW	4	bc	30.06	- .06	51	48	+ 3	WSW	1	O	*	*	*	-		
Lyons ...																			
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.56	48	W	6	O	28.37	- .22	49	49	+ 3	W	6	O	*	49	45	0.48		

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

Hawes Junction	28.56	48	W	6	O	28.37	- .22	49	49	+ 3	W	6	0	*	49	45	0.48
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.39	50	46	WSW	4	N	Valentia ...	30.03	57	53	WSW	5	0
Sumburgh Head							Scilly ...						
Stornoway ...	29.47	52	51	W	5	N	Dover ...	30.05	56	50	WNW	4	0
Aberdeen ...	29.53	53	51	W	2	N	London ...	30.04	56	52	WSW	2	0
Shields ...	29.71	55	52	W	6	O	Yarmouth ...	29.95	53	49	WSW	4	0
Ardrossan ...	29.63	54	53	SW	5	O	Jersey ...	30.21	57	52	W	4	0
Mullaghmore ...	29.84	54	52	WSW	4	qq	Rochefort ...	30.24	60	58	WNW	5	0
Holyhead ...	29.94	55	52	WSW	4	O	Ben Nevis (4508 ft.)	28.11	36	35	NE	5	0
							Sam on 10th						

Beyond a slight increase of pressure at Rochefort and a decrease in the W. of Ireland there has been little change. Gradients continue steep, and fresh W. winds prevail with cloudy, showery weather.

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. 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 2 p.m. daily (Sundays excepted). † Received too late for insertion in charts.



DAILY WEATHER REPORT

FOR

WEDNESDAY, 12TH OCTOBER.

1881.

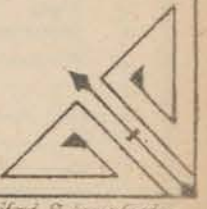
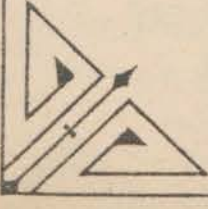
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ROBERT H. SCOTT

(SECRETARY.)

Fred^s D'Angerfield, Lth. 22, Bedford St. Court Garden.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 12th OCTOBER, 1887.

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ forces above 10; →→ forces 8 to 10
→→ forces 5 to 7; →→ forces 1 to 4

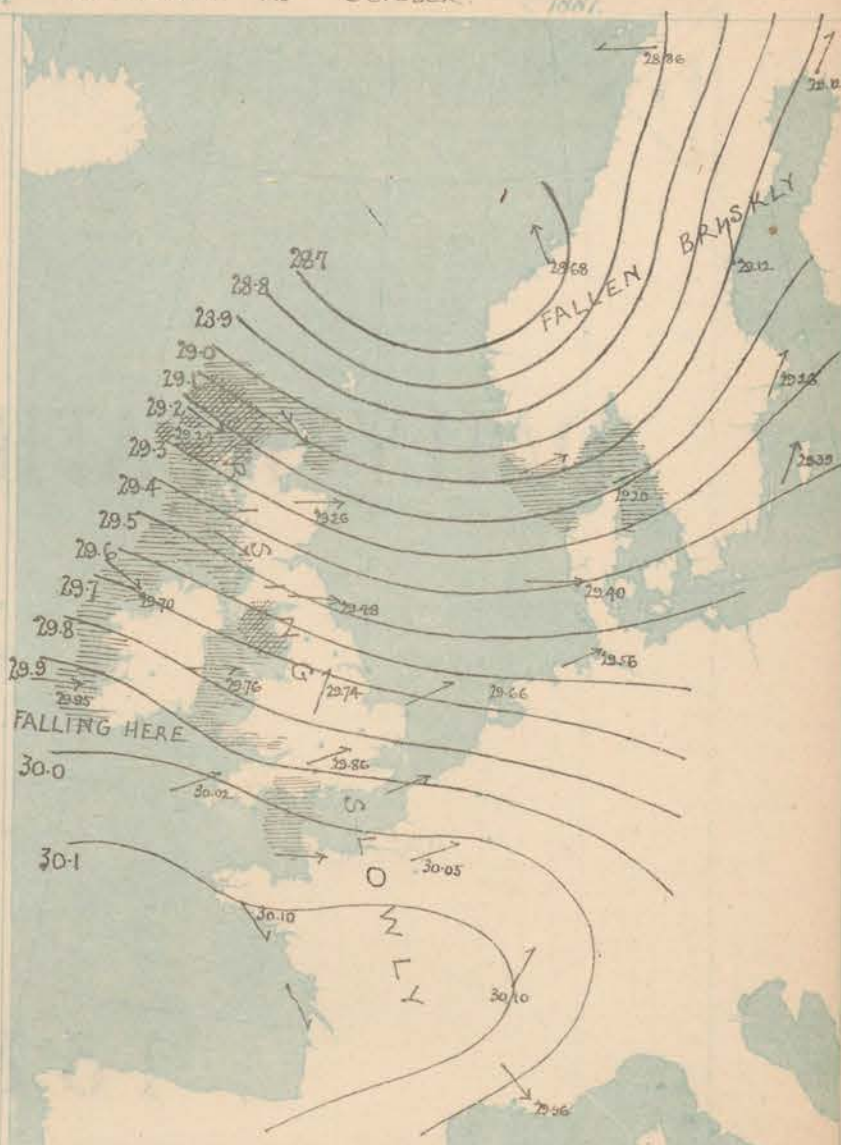
○ = dead calm

Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High

MEAN^h HEIGHT of the BAROMETER for the month of October

Stations	Mean Readings
Nairn	29.72
Aberdeen	29.73
Leith	29.77
Scarborough	29.84
Ardrossan	29.79
Greenock	29.78
Holyhead	29.80
Valentia	29.85
Roshe's Pt.	29.87
Plymouth	29.90
LONDON	29.97
Wormouth	29.89

* These means are for the 30 years 1856-85. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

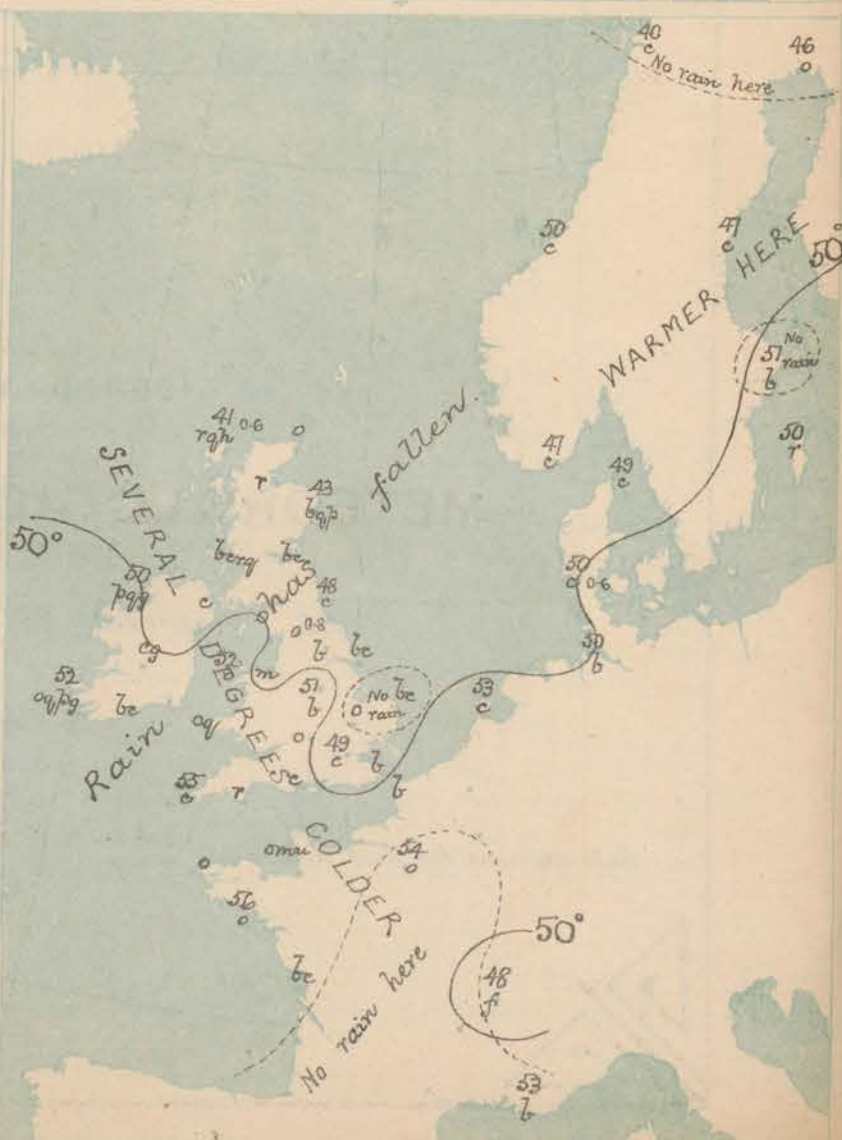
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS^h OF TEMPERATURE AND RAINFALL for the month of October

Stations	Temp	Rain-fall
Samburgh Head	46.4	2.69
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.61
York	49.8	2.55
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Parsonstown	50.2	3.63
Valentia	51.4	5.21
Sally (St Mary's)	51.6	4.91
Hurst Castle	53.3	?
Dover	53.0	3.20
LONDON	52.3	2.43
Wormouth	51.6	2.52

* The mean Temperatures are those for the 30 years 1857-86; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 12th OCTOBER 1881 at 8 a.m.

The large depression, which yesterday lay a little to the north of Scotland, has travelled slowly NW^d during the night and now lies near Christiansund. The barometer is falling all over Scandinavia, and a fresh, though slight, decrease has commenced on our western and northern coasts, but elsewhere the mercury has risen, though the change is generally slight. The area of highest pressure still lies over France and the Bay of Biscay, and gradients are steep over the United Kingdom. The wind is NW^d to W^d on all our own and the French coast, W^d over the North Sea, and SW^d to S^d over Sweden and Norway. In most places it is fresh or strong in force, while in the north of Scotland it blows a fresh to strong gale. Temperature has decreased briskly except over France and Sweden and readings range from 55° at Yarmouth to 40° at Naim. The maxima varied between 53° in the N. of Scotland and 62° in London. The weather is fair in the East, dull and showery elsewhere, while during the past twenty-four hours rain has fallen generally. The sea is rough except in the E.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
13th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

NW^d strong winds and gales; dull, squally, showery.
W^d to NW^d strong winds and gales; fair to squally and showery.
-----D°-----D°-----D°-----
W^d winds, strong; fair to showery.
W^d to NW^d winds, strong and moderate; unsettled, cloudy, some showers.
-----D°-----D°-----D°-----

DISTRICTS

FORECASTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH
- WARNINGS

Same as N° 0.
Same as N° 1 and 2
W^d winds, moderate and fresh; some showers.
Strong winds between SW and NW; unsettled, cloudy, showery.
-----D°-----D°-----D°-----
The South cone is still up in districts N° 1, 2, 3, 5, 8, and 10

METEOROLOGICAL OBSERVATIONS FOR

12th OCT^r

1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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 ...	29.19	41	E S E	2	b	29.12	+ 1.9	46	46	+ 9	SW	4	0	*	46	39	-		
Hernösand ...	29.15	42	S	6	o	29.12	- 1.3	47	45	+ 9	S	4	0	*	50	34	0.08		
Stockholm ...	29.41	51	W S W	8	o	29.26	- 1.7	51	49	+ 2	SW	4	0	*	54	45	-		
Wisby ...	29.60	50	E S W	8	h	29.39	- 2.0	50	49	0	SW	6	0	*	54	43	0.28		
Bodö ...	29.07	38	E	2	b	28.86	- 0.3	40	?	- 4	E	2	0	*	45	36	-		
Christiansund ...	28.84	47	E S E	2	b	28.68	- 0.38	50	41	+ 6	SSW	5	0	h	50	?	0.08		
†Skudesnaes ...																			
Oxö (Xiansund) ...	29.26	52	S S W	6	c	29.13	- 1.7	48	46	- 4	WSW	7	0	5	54	45	0.12		
Skagen (The Skaw)	29.36	51	SW	7	b	29.20	- 1.25	49	45	- 4	WSW	4	0	5	54	?	0.16		
Fanö ...	29.50	54	WSW	5	c	29.40	- 2.0	50	47	- 3	W	6	0	*	55	46	0.59		
Cuxhaven ...	29.61	?	SW	6	h	29.56	- 1.9	50	49	0	WSW	5	0	*	52	46	0.28		
†Sumburgh Head																			
†Stornoway ...	29.19	47	WNW	8	cq p	29.24	+ 1.8	41	41	- 11	WNW	8	0	7	54	39	0.56		
Wick ...	29.10	48	W	8	c	29.07	+ 0.8	43	41	- 9	WNW	9	0	6	53	40	0.10		
Nairn ...	29.22	45	WNW	5	h	29.23	+ 1.2	40	39	- 11	WNW	6	0	4	55	40	0.34		
†Aberdeen ...	29.24	50	W	5	b	29.25	+ 0.6	43	40	- 11	W	6	0	2	59	41	-		
Leith ...	29.41	49	W	6	h	29.41	+ 1.1	44	42	- 9	W	5	0	*	59	42	0.15		
†Shields ...	29.47	52	W	5	c	29.48	+ 0.5	48	46	- 7	W	6	0	2	58	44	0.02		
Spurn Head ...	29.59	55	S S W	4	bc	29.63	+ 0.9	49	47	- 6	SW	5	0	3	58	47	-		
York ...	29.59	53	W	3	bc	29.61	+ 0.7	49	46	- 6	W	5	0	*	63	45	0.04		
Nottingham ...	29.71	52	WSW	3	b	29.74	+ 0.7	51	47	- 6	SSW	4	0	*	62	41	-		
†Ardrossan ...	29.48	49	WNW	7	bc	29.50	+ 0.9	47	45	- 8	WNW	7	0	5	58	45	0.14		
†Mullaghmore ...	29.69	52	W	8	cq p	29.70	+ 1.1	50	46	- 4	WNW	7	0	7	58	49	0.09		
Donaghadee ...	29.63	49	WNW	4	b	29.65	+ 1.1	48	45	- 5	WNW	4	0	2	58	46	0.09		
Parsonstown ...	29.78	52	W	4	bc	29.83	+ 1.1	50	48	- 5	SW	2	0	*	58	47	-		
Barrow-in-Furness	29.61	54	W	6	o	29.68	+ 1.3	50	48	- 5	WSW	6	0	4	58	50	0.05		
†Holyhead ...	29.72	55	W	7	cq	29.76	+ 1.1	52	48	- 4	W	6	0	5	58	50	0.01		
Liverpool (Bidston)	29.65	53	WSW	5	bc	29.70	+ 1.2	48	47	- 7	WSW	6	0	5	58	48	0.09		
†Valentia ...	29.97	54	WNW	5	cq p	29.95	+ 1.1	52	51	- 4	W	5	0	6	60	52	0.04		
Roche's Point ...	29.91	55	WNW	5	bc	29.93	+ 1.2	53	50	- 2	W	4	0	4	60	49	0.06		
Pembroke ...	29.82	56	WSW	6	bc	29.86	+ 1.2	55	53	- 2	W	6	0	5	59	53	-		
†Scilly ...																			
Prawle Point ...	29.91	55	WSW	4	c	29.98	+ 1.3	52	52	- 3	W	4	0	4	61	50	0.01		
Hurst Castle ...	29.83	56	WNW	4	b	29.92	+ 1.0	55	51	- 1	WNW	5	0	5	61	53	0.03		
†Dover ...	29.77	57	W	4	bc m	29.78	+ 0.6	49	46	- 7	W	4	0	3	59	47	-		
†London ...	29.78	56	W	3	c	29.86	+ 0.6	49	46	- 7	WSW	2	0	*	62	46	0.02		
Oxford ...	29.79	52	WSW	3	b	29.83	+ 0.9	50	47	- 5	WSW	4	0	*	59	47	0.01		
Cambridge ...	29.78	54	SW	1	c	29.80	+ 0.8	44	48	- 7	S	1	0	*	62	44	-		
†Yarmouth ...	29.67	56	WSW	2	bc	29.74	+ 0.5	48	46	- 5	WSW	4	0	2	60	45	-		
The Helder ...	29.63	56	SW	3	o	29.66	- 0.6	53	48	- 2	W	7	0	3	57	52	0.04		
Cape Gris Nez	29.78	60	WSW	5	o	29.87	+ 0.1	52	51	- 4	WSW	7	0	?	?	?	0.20		
†Jersey ...	29.96	58	W	5	om	30.05	+ 0.7	57	52	+ 1	W	5	0	5	60	54	0.10		
Brest ...	30.04	58	NNW	5	o	30.10	+ 0.7	57	52	- 1	NNW	5	0	3	61	55	0.08		
Lorient ...	30.02	59	NW	5	o	30.10	+ 0.4	56	52	0	NNW	4	0	3	61	54	0.04		
†Rocheport ...	30.07	51	W	7	h	30.14	+ 0.1	59	55	+ 2	NW	3	0	2	63	52	0.08		
†Biarritz ...	30.15	59	WNW	7	h	30.19		59	55		WNW	5	0	4	61	52	0.50		
Corunna ...	*	*	*	*	*				*					*	*	*	*		
Brussels ...	*	*	*	*	*									*	*	*	*		
Charleville ...														*	*	*	*		
Paris ...	29.96	55	SW	5	o	30.05	- 0.1	54	50	+ 3	WSW	1	0	*	*	*	-		
Lyons ...	30.09	53	NNE	1	c	30.10		48	48		SW	1	0	*	59	46	0.04		
Toulon ...	29.91	58	NW	4	c	29.96	+ 0.4	53	44	- 2	NW	5	0	5	64	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.34	46	W	7	h	28.86	- 0.1	46	42	- 3	W	5	0	*	52	39	0.82		

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

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.15	54	52	WSW	8	o	Valentia	29.91	58	54	WNW	5	cq p
Sumburgh Head							Scilly						
Stornoway	29.12	50	48	WNW	9	cq p	Dover	29.76	58	58	W	4	bc p
Aberdeen	29.22	56	48	W	6	b	London	29.78	61	59	W	4	c
Shields	29.47	63	51	W	4	c	Yarmouth	29.68	60	57	WSW	4	c
Ardrossan	29.45	53	51	WNW	6	h	Jersey	29.93	60	59	W	6	c
Mullaghmore	29.69	54	50	W	7	cq	Rocheport	30.11	61	58	W	5	o
Holyhead	29.69	58	54	W	6	bc	Ben Meris (4406 ft.)						
							Da. m. on 11 th	29.85	58	58	W	7	o

The depression in the far N. is passing off to the NE. and the weather seems inclined to improve at our N. stations. A W. gale is blowing in the N. of Scotland. The S. cone is still up except on our extreme N. and NW. coasts, where, however, it was flying until 10 a.m.

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. 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 2 p.m. daily (Sundays excepted). Received too late for insertion in Charts.

DAILY WEATHER REPORT

FOR

THURSDAY, 13TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Thursday 13th OCTOBER.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—

→ forces above 10; →→ forces 8 to 10; →→→ forces 5 to 7; →→→→ forces 3 to 4.

○ dead calm.

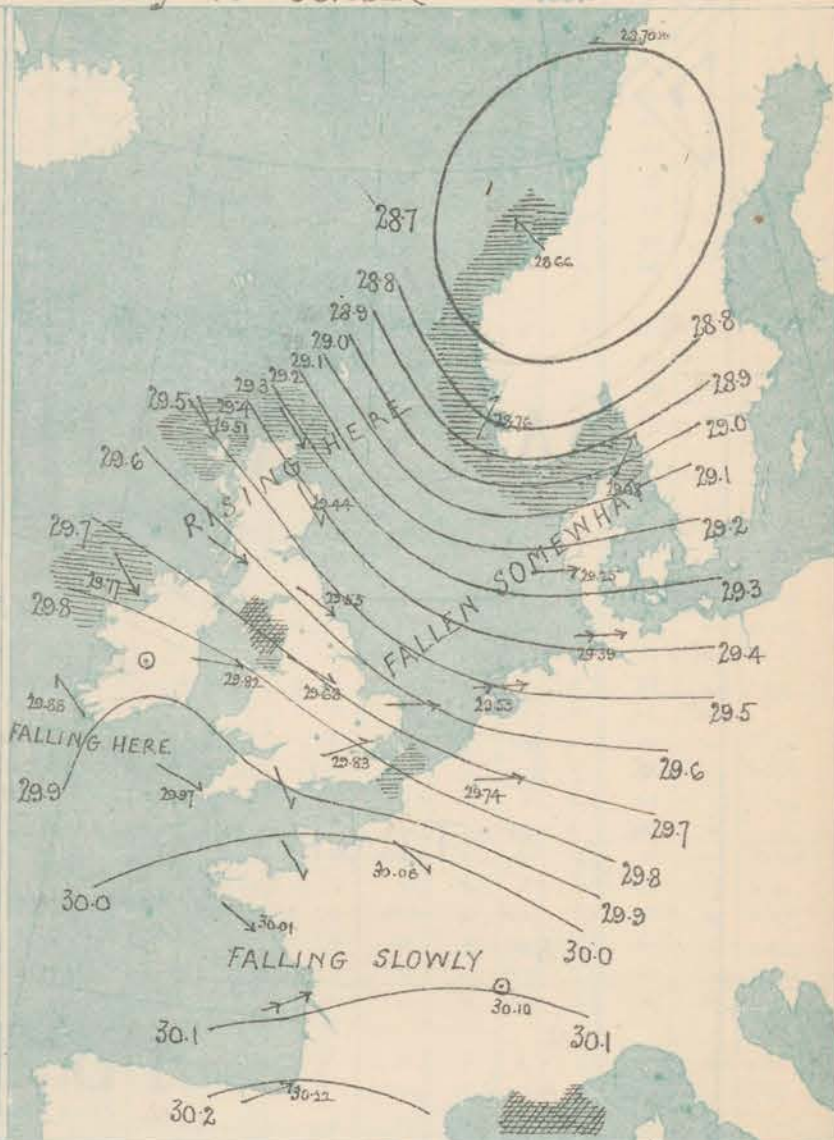
Sea Disturbance, where considerable, is shown by shading round the coast, thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations	Mean Readings Ins.
Nairn	29.374
Aberdeen	29.708
Louth	29.776
Scarborough	30.177
Ardrossan	29.707
Greencastle	29.784
Holyhead	29.680
Valentia	29.867
Roche's Pt.	29.837
Plymouth	30.030
LONDON	30.007
Weymouth	30.092

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

* for the month of October

Stations	Temp	Rain-fall
		ins.
Scarborough Head	46.4	2.66
Stornoway	46.6	1.88
Aberdeen	47.9	3.24
Shetland	49.3	2.67
York	49.8	2.85
Millighmore	49.1	?
Holyhead	51.3	5.44
Kilzestown	50.7	3.69
Valentia	51.4	7.11
Silly (St. Mary's)	54.0	4.81
Howe Castle	53.0	?
Dover	53.0	3.30
LONDON	52.3	2.81
Weymouth	51.6	2.87

* The mean Temperatures are those for the 10 years 1857-66; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for THURSDAY 13TH OCTOBER 1881, at 8 a.m.

The deep depression over Norway is still shown there, and the barometer is falling in nearly all parts of the countries to the E^o of the North Sea, but in most districts of these Islands a recovery has commenced, which is rather brisk in the north. In the south of Ireland, however, a decrease has commenced, and a new disturbance seems to be approaching that country from the Atlantic. The wind at Valentia has backed to SE but NW to W winds continue on most of our other coasts, as well as over France and the North Sea, while E^{ly} breezes ^{are} reported in the west of Norway. All over the northern parts of the Kingdom the wind is strong, and in North Germany it reaches a gale. The weather is on the whole fair but at some of our north western and northern stations showers of hail and rain are falling, while thunder is reported from Cuxhaven. Rain has fallen almost generally. Temperature has again fallen, and ranges from 52° at Falmouth to 39° at Cairn. The maxima yesterday varied from 65° at Cairn to 61° at Nottingham. The sea is rough in the NW and N.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

14TH OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW winds, moderating in the north; some showers, with fair intervals.
2 SCOTLAND EAST	8° — 37° — 37°
3 ENGLAND NE	NW and W winds, rather strong; fair to cloudy and some showers.
4 ENGLAND EAST	SW and NW winds, varying in force; fair to cloudy or dull and some showers.
5 MIDLAND COUNTIES	8° — 37° — 37°
6 ENGLAND SOUTH	8° — 37° — 37°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW winds, backing, to W or SW, rather strong; showers.
7 ENGLAND N.W.	W winds, backing, rather strong; becoming dull, some rain.
8 ENGLAND S.W.	SW to NW winds, moderate and fresh; fair to dull and some rain.
9 IRELAND NORTH	NW and W winds, backing, fresh; dull and showery.
10 IRELAND SOUTH	S to W or NW winds, rather strong; dull, some rain.
WARNINGS.	
The South Cone still flies in Districts 6, 7, 9 and 10.	

METEOROLOGICAL OBSERVATIONS FOR 13th OCT 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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														*					
Hernösand														*					
Stockholm														*					
Wisby														*					
Bodö	28.73	44	E	2	b	28.70	— .16	42	40	+ 2	E	2	c	1	48	37	—		
Christiansund	28.54	51	SE	4	o	28.66	— .02	48	42	— 2	SE	1	c	5	54	36	—		
†Skudesnaes	28.96	48	WST	9	o	28.76		45	43		ST	4	o	5	48	?	0.55		
Oxö (Xiänsund)	29.05	44	WST	7	o	29.00	— .13	42	41	— 6	W	5	r	5	48	41	0.16		
Skagen (The Skaw)	29.13	45	ST	7	bc	29.08	— .12	43	43	— 6	ST	5	o	5	50	39	0.12		
Fanö	29.34	46	W	6	c	29.25	— .15	43	40	— 7	W	6	cph	*	52	41	0.28		
Cuxhaven	29.49	53	W	6	t	29.39	— .17	45	43	— 5	W	8	t	*	?	43	0.35		
†Sumburgh Head																			
†Stornoway	29.28	42	NNW	6	bcg	29.51	+ .27	44	41	+ 3	NNW	6	bcg	6	47	36	0.22		
Wick	29.15	40	NW	7	o	29.39	+ .32	40	37	— 3	NW	7	cph	5	45	35	0.35		
Nairn	29.29	43	W	6	o	29.48	+ .25	39	36	— 1	NNW	2	b	2	45	37	0.28		
†Aberdeen	29.29	43	W	6	b	29.44	+ .18	43	39	0	NW	4	b	2	50	38	—		
Leith	29.45	40	W	3	bc	29.54	+ .13	42	40	— 2	NNW	2	b	*	50	38	0.08		
†Shields	29.49	47	W	7	o	29.55	+ .07	43	41	— 5	NNW	6	b	2	52	39	0.02		
Spurn Head	29.59	49	WST	7	b	29.61	— .02	47	45	— 2	W	7	b	3	54	44	—		
York	29.61	47	W	2	b	29.66	+ .05	45	41	— 4	NNW	2	b	*	55	40	0.05		
Nottingham	29.71	48	ST	2	b	29.68	— .06	46	43	— 5	NNW	2	b	*	61	40	—		
†Ardrossan	29.51	46	NNW	7	bcg	29.61	+ .11	48	45	+ 1	WST		bcg	4	57	42	0.13		
†Mullaghmore	29.71	48	NNW	7	o	29.77	+ .07	47	44	— 3	NE	6	ogp	5	53	45	0.17		
Donaghadee	29.65	46	NNW	4	c	29.72	+ .07	44	41	— 4	W	3	b	1	53	41	0.05		
Parsonstown	29.51	?	W	2	bc	29.87	+ .04	44	41	— 6	W	2	o	of	54	41	—		
Barrow-in-Furness	29.63	50	ST	6	o	29.65	— .00	47	43	— 3	W	6	cq	7	54	47	0.03		
†Holyhead	29.71	51	W	6	cq	29.82	+ .06	48	44	— 4	W	5	cq	4	56	47	0.03		
Liverpool (Bidston)	29.66	48	W	6	c	29.75	+ .05	48	44	0	W	6	bc	5	53	44	0.31		
†Valentia	29.89	53	NW	4	ogp	29.88	— .07	51	50	— 1	SSE	2	o	3	55	49	0.12		
Roche's Point	29.92	53	NW	5	c	29.94	+ .01	50	49	— 3	W	3	o	4	58	48	—		
Pembroke	29.50	54	W	4	o	29.89	+ .03	52	49	— 3	NNW	4	cq	4	56	51	0.11		
†Scilly																			
Prawle Point	29.89	52	ST	5	o	29.95	— .03	49	47	— 3	NNW	2	c	3	57	46	0.30		
Hurst Castle	29.85	56	NNW	5	c	29.89	— .03	49	46	— 6	NNW	4	c	4	59	47	0.05		
†Dover	29.80	54	W	4	bc	29.82	— .06	47	45	— 2	W	3	b	2	57	46	0.08		
†London	29.78	54	W	3	c	29.83	— .03	47	44	— 2	WST	3	b	*	57	43	0.01		
Oxford	29.76	51	W	3	b	29.82	— .01	46	43	— 4	ST	1	bc	*	57	44	—		
Cambridge	29.74	50	ST	1	c	29.78	— .02	46	44	— 3	ST	1	b	*	56	40	0.01		
†Yarmouth	29.69	49	WST	2	bc	29.69	— .05	45	43	— 3	W	5	b	3	54	44	0.02		
The Helder	29.60	53	WST	4	o	29.53	— .13	50	45	— 3	W	8	c	4	54	45	0.08		
Cape Gris Nez	29.50	55	WST	9	o	29.50	— .07	51	50	— 1	NNW	7	b	5	57	50	0.08		
†Jersey	30.00	57	W	6	ogp	30.00	— .05	53	50	— 4	NW	3	c	3	60	52	0.32		
Brest	30.07	59	NNW	5	o	30.02	— .08	57	53	0	NNW	4	o	4	61	55	0.16		
Lorient	30.08	57	NW	7	o	30.01	— .09	59	56	+ 3	NNW	4	o	3	61	54	0.16		
†Rochefort	30.19	60	NNW	7	o	30.06	— .08	61	60	+ 2	WST	8	r	4	64	54	0.04		
Biarritz	30.26	61	N	3	o	30.22	+ .03	60	56	+ 1	WST	5	o	4	63	54	0.08		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	29.74		50	46		W	5	b	*	57	50	0.08		
Charleville	30.07	58	ST	4	o	29.92	?	52	50	?	ST	5	r	*	59	50	0.20		
Paris	30.02	53	S	4	bc	30.06	+ .01	54	52	— .00	NW	3	r	*	*	*	0.16		
Lyons	30.14	54	NNW	1	c	30.10	— .00	51	49	+ 3	S	1	o	*	60	50	—		
Toulon	29.98	60	NW	7	b	?	?	56	49	+ 3	?	8	b	7	68	?	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.36	41	W	4	r	28.43	+ .07	38	37	— 6	W	3	bc	*	47	35	0.44		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes ...	28.99	48	45	WST	9	r	6	Valentia ...	29.89	54	53	NNW	4	und	5
Sumburgh Head								Scilly ...							
Stornoway ...	29.26	47	44	NW	7	cq/hp	7	Dover ..	29.82	55	53	W	5	op	3
Aberdeen ...	29.26	47	42	W	7	b	2	London ...	29.79	57	52	W	3	or	*
Shields ...	29.50	50	45	W	7	bc	3	Yarmouth ...	29.70	54	50	WST	4	b	2
Ardrossan ...	29.53	48	45	NNW	7	c	5	Jersey ...	30.03	58	53	W	7	o	5
Mullaghmore ...	29.71	52	47	NNW	7	cq	6	Rochefort ...	30.19	63	57	NNW	7	c	2
Holyhead ...	29.74	54	54	WST	7	c	5	Ben Nevis 4406 ft	29.84	25	25	NNW	8	c	35

3 AM ON 12th

A fresh fall has commenced in the S. and W., but in the N. the mercury still rises. The weather is cloudy and unsettled. Sept in the E where the sky is clear.

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. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. ew.
 * 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY 14TH OCTOBER.

1881.

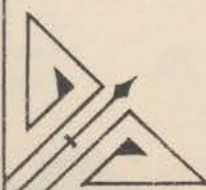
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Friday 14TH OCTOBER

1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4;
⊙ dead calm.

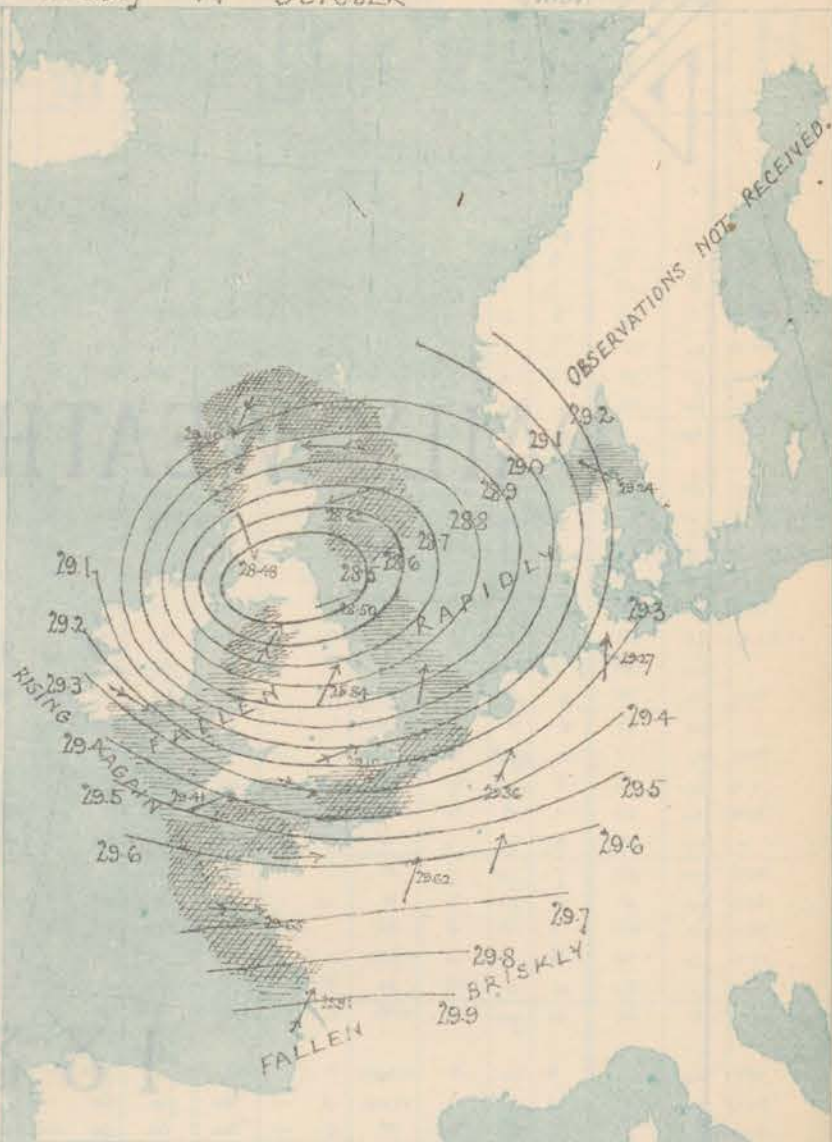
Sea disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings in.
Nairn	29.274
Aberdeen	29.274
Louth	29.216
Scarborough	29.847
Beddowson	29.702
Greenacres	29.794
Holyhead	29.800
Valentia	29.833
Roche's Pt.	29.877
Plymouth	29.920
LONDON	29.907
Vermouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

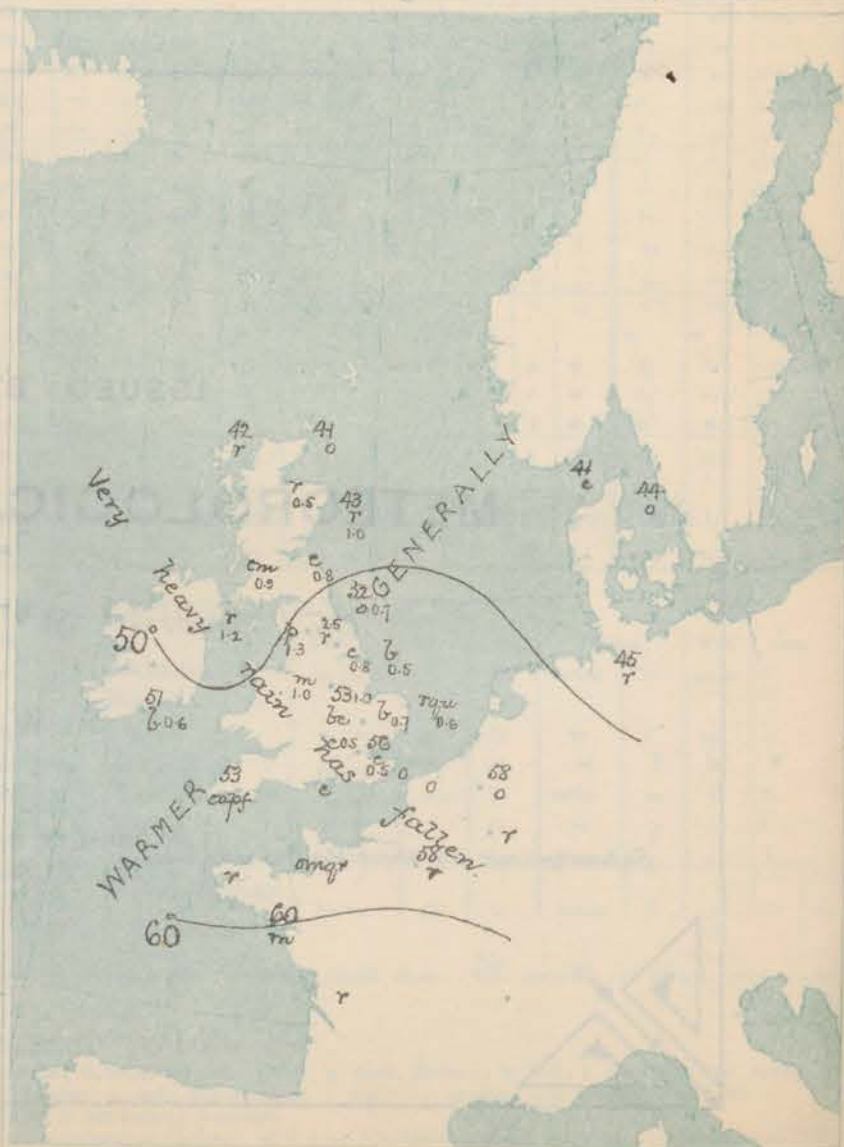
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
Swinsbury Head	46.3	2.64
Stornoway	46.6	1.88
Aberdeen	47.4	3.29
Shields	49.1	2.61
York	49.9	1.65
Mullaghmore	49.1	1.0
Holyhead	51.1	3.44
Parsonstown	50.2	2.42
Valentia	51.7	2.71
Sally (St Mary's)	54.0	4.94
Howe Castle	53.3	1.0
Dover	59.0	3.26
LONDON	59.3	2.84
Vermouth	61.6	2.87

* The mean Temperatures are those for the 47 years 1867-69; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for Friday, October 14th 1881, at 8 a.m.

An exceedingly deep depression has advanced from the Wnd across these Islands and now has its centre over the S. of Scotland where the barometer is below 28.5 in. Pressure has decreased more than an inch over the N. of England and S. of Scotland while elsewhere the changes vary between half and three quarters of an inch, the highest pressures still lie over the S. of France and gradients are exceedingly steep over the British Isles. The wind circulates round the centre of depression and blows a strong gale in nearly all parts of the United Kingdom and France. Over the Channel, France and the S. of England it is W^{ly}, over the N. of England and the North Sea it is SW^{ly} to S^{ly}, in N. Scotland NE^{ly} and in Ireland NW^{ly}. Within the central area of the depression light variable breezes prevail. The weather is clearing in Ireland and in parts of Central England but is dull, squally and rainy elsewhere; during the night very heavy rain has fallen, the amounts exceeding an inch in the N. of Scotland and on our NW. Coasts. Temperature has risen and ranges from 58° in the SE to 41° at Wick, while the maxima yesterday were between 50° and 59°. The Sea is very rough.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

15th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NE ^{ly} backing to N ^{ly} strong gales; heavy rain and sleet; very unsettled; then fair and cold.		
2 SCOTLAND EAST	D.	D.	D.
3 ENGLAND N.E.	W ^{ly} to NW ^{ly} or N ^{ly} winds and gales; showery to fair.		
4 ENGLAND EAST	W ^{ly} and NW ^{ly} winds and gales; very squally; sharp showers with fair intervals; cold night.		
5 MIDLAND COUNTIES	D.	D.	D.
6 ENGLAND SOUTH	D.	D.	D.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} to NW ^{ly} winds and gales; heavy showers; then fair and cold.		
7 ENGLAND N.W.	Same as N ^o 3 to 5.		
8 ENGLAND S.W.	W ^{ly} and WNW ^{ly} winds and gales; very squally; showery then fair.		
9 IRELAND NORTH	NW ^{ly} winds and gales; very squally; showers with fair intervals; cold.		
10 IRELAND SOUTH	D.	D.	D.
GENERAL	The absence of nearly all our N. and W. reports renders the above forecasts less reliable than usual.		
WARNINGS	The S. Cone is flying in Districts 2, 3, 5, 6, 10, and the N. Cone in part of N ^o 1.		

METEOROLOGICAL OBSERVATIONS FOR 14TH OCT^R 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	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														*						
Hernösand														*						
Stockholm														*						
Wisby														*						
Bodö														*						
Christiansund														*						
†Skudesnaes														*						
Oxö (Xtiansund)	29.12	46	SSH	6	b	29.18	+ .18	41	38	— 1	N	2	c	3	46	39	0.04			
Skagen (The Skarv)	29.07	48	WNW	9	b	29.24	+ .16	44	41	+ 1	WNW	3	o	5	48	43	0.43			
Fanö														*						
Cuxhaven	29.48	52	WNW	7	r	29.27	— .12	45	44	0	S	6	r	*	?	41	0.28			
†Sumburgh Head																				
†Stornoway	29.41	44	ESE	1	o	29.00	— .51	42	42	— 2	NE	8	r	7	47	40	0.32			
Wick	29.47	45	SW	1	o	28.94	— .45	41	40	+ 1	E	9	sw	7	45	36	0.10			
Nairn	29.40	44	WNW	2	b	28.76	— .72	42	41	+ 3	NE	9	r	6	46	37	0.53			
†Aberdeen	29.50	44	Z	0	cm	28.62	— .82	43	42	0	ESE	10	r	8	50	38	1.04			
Leith	29.53	44	WSW	2	c	28.42	— 1.12	48	46	+ 6	W	1	c	*	54	39	0.78			
†Shields	29.56	48	W	3	o	28.50	— 1.05	52	48	+ 9	WSW	6	o	3	52	40	0.68			
Spurn Head	29.66	48	SW	4	o	28.70	— .91	55	50	+ 8	SW	9	b	6	57	44	0.46			
York	29.67	47	WSW	1	o	28.69	— .97	54	49	+ 9	SW	7	c	*	55	42	0.80			
Nottingham	29.66	46	WSW	1	r	28.84	— .84	53	50	+ 7	SW	6	c	*	58	44	0.95			
†Ardrossan	29.50	47	SSH	4	r	28.48	— 1.13	45	44	— 3	WNW	1	cm	1	55	39	0.85			
†Mullaghmore																				
Donaghadee	29.48	43	WSW	3	r	28.49	— 1.23	48	47	+ 4	W	4	r	2	56	42	0.20			
Parsonstown														*						
Barrow-in-Furness	29.61	44	E	5	r	28.56	— 1.09	52	50	+ 5	SW	10	p	7	57	42	1.38			
†Holyhead																				
Liverpool (Bidston)	29.62	46	SSE	2	r	28.64	— 1.11	51	49	+ 3	SW	7	m	6	59	44	0.98			
†Valentia																				
Roche's Point	29.48	55	WSW	7	r	29.29	— .65	51	47	+ 1	WNW	8	b	5	57	45	0.55			
Pembroke																				
†Scilly																				
Prairie Point																				
Hurst Castle	29.78	55	WSW	5	op	29.22	— .67	56	52	+ 7	WNW	9	c	6	58	48	0.06			
†Dover	29.74	51	WSW	2	b	29.16	— .66	58	56	+ 11	SW	7	o	5	58	46	0.24			
†London	29.75	50	SW	2	rg	29.10	— .73	56	52	+ 9	WSW	8	c	*	59	48	0.46			
Oxford	29.62	48	SSW	4	r	29.03	— .79	54	50	+ 8	WSW	12	c	*	59	46	0.51			
Cambridge	29.76	48	SW	1	r	28.96	— .82	55	51	+ 9	SW	5	b	*	59	44	0.65			
†Yarmouth	29.76	48	WSW	1	b	28.94	— .75	58	57	+ 13	SSW	7	rg	5	58	45	0.64			
†The Helder	29.71	51	W	4	o	29.08	— .45	55	54	+ 5	SW	8	r	4	55	46	0.55			
Cape Gris Nez	29.86	53	W	7	o	29.33	— .47	58	56	+ 7	SW	9	o	7	?	45	0.20			
†Jersey	29.90	56	SSW	3	c	29.48	— .52	55	54	+ 2	W	10	omg	7	60	52	0.13			
Brest	29.90	59	WSW	5	o	29.64	— .38	57	56	0	W	9	r	7	61	57	0.08			
Lorient	29.95	59	W	5	o	29.65	— .36	60	58	+ 1	W	9	m	7	61	55	0.04			
†Rochefort	30.01	62	W	5	o	29.91	— .15	62	59	+ 1	SW	8	r	4	66	58	0.08			
Biarritz	30.13	61	SW	5	r	30.06	— .16	60	55	0	S	3	b	4	64	54	0.04			
Corunna																				
Brussels	*	*	*	*	*	29.24	— .38	58	55	+ 8	SW	11	o	*	?	46	0.16			
Charleville	*	*	*	*	*	?	?	55	52	+ 3	SSW	7	r	*	57	41	0.39			
Paris	29.97	55	SSW	5	b	29.62	— .44	58	57	+ 4	SSW	7	r	*	*	*	—			
†Lyons	30.07	55	NE	1	o	29.98	— .12	52	52	+ 1	S	1	c	*	60	49	0.04			
Toulon																				

HIGH LEVEL STATION.

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

Hawes Junction	28.38	41	SW	2	r	27.38	— 1.05	47	46	+ .9	9	WSW	5	r	*	48	35	2.46
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...							Valentia ...	29.57	57	57	SSW	7	r	6
Sumburgh Head							Scilly ...							
Stornoway ...	29.57	46	43	W	3	b	Dover ..	29.87	53	51	WNW	3	b	2
Aberdeen ...	29.54	48	43	NW	4	b	London ...	29.86	54	49	WSW	2	o	*
Shields ...	29.63	50	46	W	5	o	Yarmouth ...	29.76	52	47	WNW	5	b	3
Ardrossan ...	29.63	48	45	WNW	4	r	Jersey ...	30.00	57	51	WSW	3	c	3
Mullaghmore ...	29.64	45	44	SSW	4	omg	Rochefort ...	30.06	62	61	WSW	7	r	2
Holyhead ...	29.77	50	45	SW	5	o	Ben Nevis 4406 ft. 9 a.m. 1355	25.03	25	25	NE	3	o	27

A large depression seems to be approaching the N. of Ireland, and the wind on our SW coast has shifted to the SW. At Valentia it has increased to a moderate gale with rain, while the NW wind in the N. has decreased.

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. 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 2 p.m. daily (Sundays excepted). † Received too late for insertion in Chart.

DAILY WEATHER REPORT

F O R

SATURDAY, 15TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Saturday 15th OCTOBER.



1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4;
○ Dead calm.

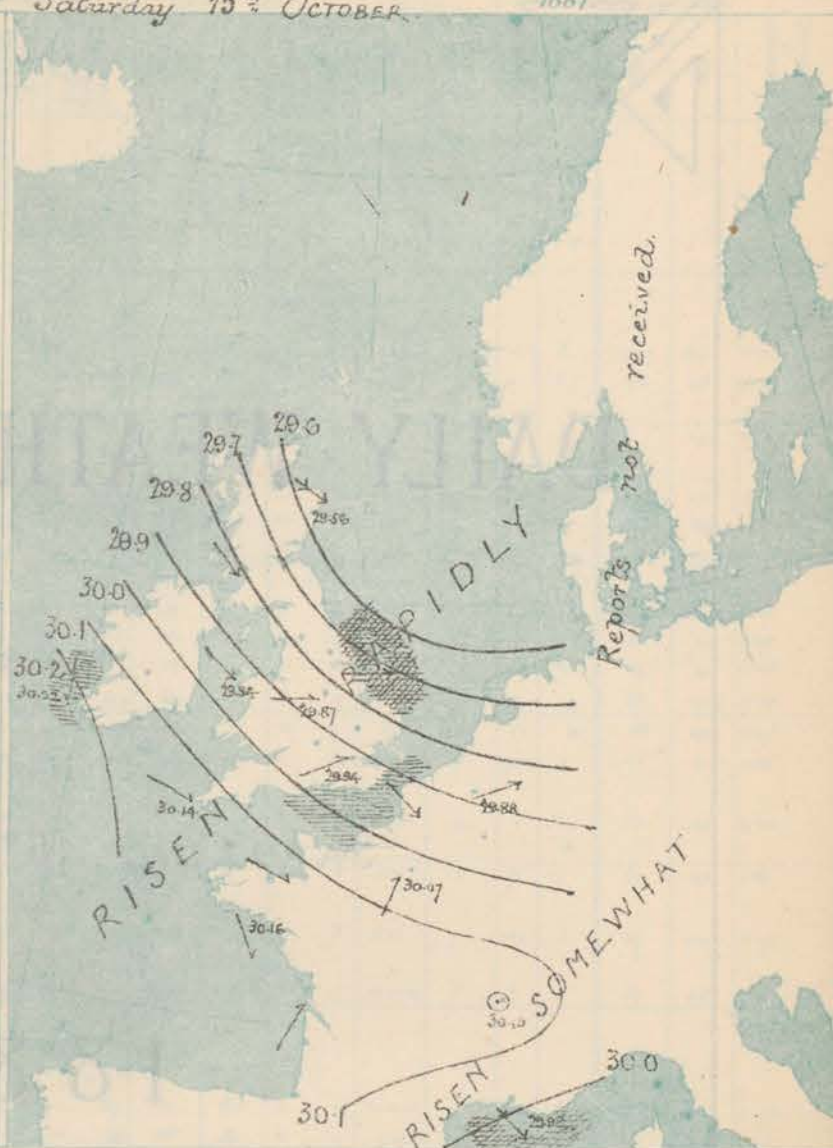
Sea Disturbances, where considerable, is shown by shading round the coast, thus:  Rough,  High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings, Ins.
Nairn	29.724
Aberdeen	29.738
Leith	29.746
Scarborough	29.812
Ardrossan	29.791
Greenock	29.794
Holyhead	29.800
Valencia	29.852
Boche's Pt.	29.837
Plymouth	29.920
LONDON	29.917
Wormouth	29.800

* These means are for the 10 years 1866-75.
A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE

AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
Sanbury Head	46.4	2.51
Sornway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.2	2.67
York	49.9	2.86
Mullaghmore	49.7	?
Holyhead	51.3	3.14
Barrow-in-Wm.	50.2	3.63
Valencia	51.1	7.11
Sally (St Mary's)	51.6	9.01
Ilfracombe	52.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Wormouth	51.6	2.87

* The mean Temperatures are those for the 10 years 1867-76; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for SATURDAY, 15th OCT^r 1881, at 8 a.m.

There is still a great interruption in telegraphic communication, and very few reports have been received. These show, however, that the centre has travelled away, and that the barometer is rising everywhere, in the north of Ireland the increase amounts to an inch and a half, and elsewhere the change has been very rapid. The wind is N^h in Scotland and Ireland and NW to W over England and France; the gales noticed yesterday have subsided on all coasts, but strong winds are reported from Ardrossan, Spurn Head and Cape Gris nez. The gale yesterday was very severe all over these Islands; at Oxford 650 miles of horizontal motion of the air occurred between 6am and 6pm, the greatest velocity being 65 miles between 1 and 2pm. Temperature has fallen everywhere, the change over Central and Eastern England being about 15°. The sea is rough in the Channel.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Very few reports have been received, but these show that N^h winds are probable in the north and west, with cold showers, and

2 SCOTLAND
EAST

4 ENGLAND
N.E.

3 ENGLAND
EAST

5 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

WARNINGS

NW to W winds in the south and east, with fair weather.

In all parts the weather will be cold.

The South cone is still flying in Districts 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR 15TH OCTOBER. 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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														*					
Hernösand														*					
Stockholm														*					
Wisby														*					
Bodö														*					
Christiansund														*					
†Skudesnaes														*					
Oxö (Xtiansund)														*					
Skagen (The Skaw)														*					
Fanö														*					
Cuxhaven														*					
†Sumburgh Head														*					
†Stornoway														*					
Wick														*					
Nairn														*					
†Aberdeen	29.20	38	N	10	r	29.66	+ .94	36	35	- 7	NNW	8	bcg	4	44	34	1.21		
Leith	29.37	41	N	1	c	29.74	+ 1.32	35	33	- 13	W	1	bc	*	49	33	0.12		
†Shields														*					
Spurn Head	28.94	41	NW	11	r	29.72	+ 1.02	40	40	- 15	W	6	bc	7	55	37	-		
York	29.15	44	NW	10	o	29.75	+ 1.09	38	36	- 16	NNW	3	b	*	57	35	0.08		
Nottingham	29.44	45	WSW	5	b	29.87	+ 1.03	39	38	- 14	W	2	c	*	50	24	0.20		
†Ardrossan	29.45	44	NW	6	bc	29.85	+ 1.37	41	37	- 4	NNW	6	b	4	46	36	0.14		
†Mullaghmore	29.66	46	NW	6	o	30.07	+ 1.32	45	42	- 4	NNW	6	cgg	5	53	41	0.14		
Donaghadee	29.54	44	N	6	b	29.95	+ 1.46	38	37	- 10	N	4	c	2	51	36	0.34		
Parsonstown	29.78	43	NNW	3	c	30.14	+ 1.12	40	37	- 3	NNW	2	bc	*	52	37	0.05		
Barrow-in-Furness	29.41	45	N	8	o	29.82	+ 1.26	40	39	- 12	N	3	op	5	52	38	0.22		
†Holyhead	29.53	49	N	9	c	29.94	+ 1.29	45	41	- 6	NN	7	cgg	6	51	41	0.07		
Liverpool (Bidston)																			
†Valentia	29.92	50	NNW	6	c	30.22	+ .76	49	44	- 1	N	5	cq	5	56	45	0.05		
Roche's Point	29.64	49	NN	4	r	30.16	+ .87	45	42	- 6	NNW	4	bc	4	64	36	0.15		
Pembroke																			
†Scilly																			
Prawle Point	29.42	49	W	7	b	30.10	+ .76	45	42	- 9	NNW	3	bc	4	55	41	-		
Hurst Castle	29.55	51	NNW	8	bc	30.00	+ .78	46	44	- 10	NNW	5	b	5	57	39	-		
†Dover	29.33	42	W	8	b	29.92	+ .76	42	39	- 16	NNW	4	b	3	58	40	0.04		
†London	29.47	44	NNW	7	bc	29.94	+ .24	43	40	- 13	WSW	3	b	*	57	39	-		
Oxford	29.61	47	NNW	4	b	29.93	+ .90	40	38	- 14	WSW	4	bc	*	58	37	0.01		
Cambridge	29.47	47	WSW	4	b	29.89	+ .93	40	38	- 15	WSW	1	c	*	58	37	0.02		
†Yarmouth																			
The Helder																			
Cape Gris Nez	29.29	50	W	12	c	29.91	+ .58	46	42	- 12	NN	7	b	5	?	44	0.02		
†Jersey	29.80	50	NNW	8	c	30.12	+ .64	47	44	- 8	NNW	3	bcg	4	59	46	0.03		
Brest	29.98	54	NN	7	bc	30.15	+ .51	52	46	- 5	NNW	4	b	4	59	52	-		
Lorient	29.92	55	NN	7	b	30.16	+ .51	51	46	- 9	NNW	4	b	5	61	48	0.05		
†Rochefort	29.86	63	W	9	r	30.15	+ .24	52	?	- 10	SW	3	o	2	63	45	-		
Biarritz																			
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	29.88	+ .52	43	40	- 15	WSW	5	b	*	59	42	0.04		
Charleville	29.67	51	SW	11	o	30.12	?	41	40	- 14	SW	1	b	*	61	39	-		
Paris	29.69	54	WSW	8	b	30.07	+ .65	47	45	- 11	SW	3	o	*	*	*	0.16		
Lyons	29.91	63	SW	3	o	30.19	+ .21	45	42	- 7	E	1	b	*	69	48	0.04		
Toulon	29.97	61	NN	8	bc	29.98	1.00	54	51	- 4	NN	9	b	7	66	54	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction														*					

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

Hawes Junction

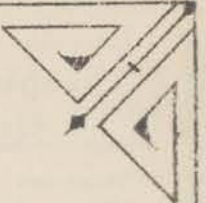
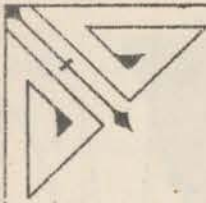
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudeanaes ...							Valentia ...	29.77	52	46	WNW	7	bchpg	7
Sumburgh Head							Scilly ...							
Stornoway ...							Dover ..	29.17	56	55	WSW	7	bc	5
Aberdeen ...							London ...	29.44	55	50	W	9	bc	*
Shields ...	28.43	45	44	N	9	r	Yarmouth ...	28.84	54	50	WSW	7	cq	6
Ardrossan ...	29.11	44	41	NNW	7	o	Jersey ...	29.63	53	49	W	10	bc	8
Mullaghmore ...	29.42	49	45	N	8	cggp	Rochefort ...							
Holyhead ...	29.15	49	46	NNW	10	rgw								

The barometer is now rising briskly at all stations, but severe N^W gales are still felt in the N. with heavy squalls of rain, while in the S. the wind is moderating from the W^N. The sea is very rough.

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. 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 2 p.m. daily (Sundays excepted). † Received too late for insertion in chart.



DAILY WEATHER REPORT

FOR

SUNDAY 16TH OCT^R

1881.

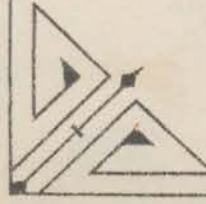
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116, Victoria St. LONDON.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by Diamondfield, 15, St. Paul's Churchyard, St. Dunstons, London.

WEATHER CHARTS

for 8 a.m. on Sunday, 16th OCTOBER.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 6 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ dead calm.

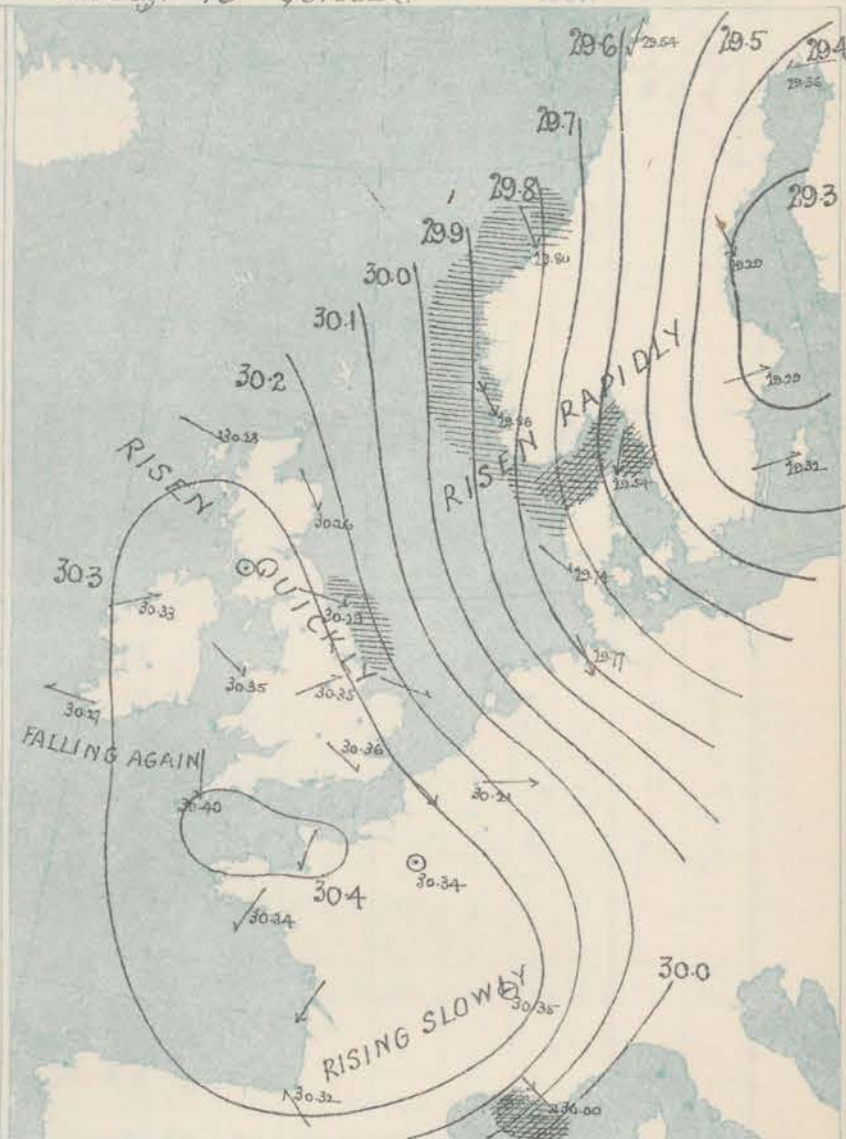
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings in.
Nairn	29.724
Aberdeen	29.738
Glasgow	29.770
Scarborough	29.842
Aldersham	29.794
Greenwich	29.784
Holyhead	29.800
Valencia	29.862
Rocha's Pt.	29.827
Plymouth	29.930
LONDON	29.907
Wormouth	29.902

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS* of TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
	"	ins
Sunderburgh Head	46.4	2.67
Sunderby	46.6	1.88
Aberdeen	47.4	3.24
Shetland	49.3	2.61
York	48.9	2.85
Shillingbore	49.1	2
Holyhead	51.3	5.44
Portsmouth	50.2	2.63
Valencia	51.4	7.11
Sally (St Mary's)	54.4	4.91
Hurst Castle	53.3	2
Dover	53.0	3.26
LONDON	52.3	2.84
Wormouth	52.6	2.87

* The mean Temperatures are those for the 23 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for.....SUNDAY 16th OCT^r 1881.....at 8 a.m.

A marked improvement of the weather has taken place. The very deep depression which crossed these Islands on Thursday has passed away over Scandinavia, and has been succeeded by a rapid rise of the barometer which still continues quietly in most places. At Valencia, however, a fresh decrease has commenced and a new depression seems to be approaching Ireland. In consequence an area of high readings has been formed over us, and while the wind is N^W over the greater part of England, it is E^S at Valencia and W⁺ to SW⁺ in North Ireland. The sky is cloudy in south Ireland, but is very fine and bright elsewhere, while temperature has fallen fast, and ranges from 47° at Valencia to 36° at Banamstown and 34° at Oxford.

The sea is still rough in the NE., moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 16TH OCTOBER 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	29.42	39	NE	4	o	29.36	- .06	40	40	0	E	2	r	*	41	37	0.39		
Hernösand	29.48	38	E	9	r	29.29	+ .17	39	38	- 3	N	6	r	*	43	28	0.87		
Stockholm	29.90	43	NE	2	o	29.29	+ .51	42	40	- .5	W	12	o	*	52	41	0.04		
Wisby	29.05	48	WSW	6	o	29.37	+ .56	46	45	- 1	W	4	o	*	50	48	0.39		
Bodö	29.43	38	E	2	b	29.54	+ .33	42	40	+ 3	NNE	2	c	*	43	36	-		
Christiansund	29.46	44	NNE	7	r	29.80	+ .70	41	38	- 2	NNW	7	r	b	46	30	0.46		
†Skudesnaes	29.44	46	NNW	9	b	29.86	+ .97	43	39	- 2	NNW	8	b	5	48	?	-		
Oxö (Xiansund)	29.17	43	NNW	6	o	29.63	00	45	43	0	NW	6	b	3	?	41	0.12		
Skagen (The Skaw)	29.18	44	NNE	6	o	29.54	+ .93	49	42	+ 2	NNE	6	b	7	?	43	0.20		
Fanö	29.31	45	NW	3	r	29.74	+ .75	47	45	+ 3	NNW	4	b	*	48	41	0.20		
Cuxhaven	29.34	50	W	6	b	29.77	+ .52	50	47	+ 4	NNW	6	r	*	?	41	0.18		
†Sumburgh Head																			
†Stornoway	30.14	39	N	6	c	30.28	+ .62	38	37	- 4	WNW	2	b	2	44	30	0.14		
Wick	30.01	41	N	7	c	30.27	+ .63	38	37	- 4	N	1	c	2	45	34	0.08		
Nairn	30.08	40	N	6	c	30.29	+ .49	34	33	- 1	Z	0	b	3	45	34	0.04		
†Aberdeen	29.95	39	NNW	7	b	30.26	+ .70	39	37	+ 3	NNW	4	b	3	47	35	0.19		
Leith	30.05	42	N	8	b	30.31	+ .59	36	34	+ 1	W	1	b	*	49	32	-		
†Shields	29.95	42	NNW	6	b	30.29	+ .59	37	35	- 1	NW	6	b	6	46	32	-		
Spurn Head	29.91	43	NW	7	b	30.23	+ .51	40	38	0	NW	6	b	6	46	38	-		
York	30.00	43	WNW	3	b	30.32	+ .34	39	35	+ 1	NW	3	b	*	48	34	-		
Nottingham	30.14	39	WSW	2	b	30.35	+ .48	34	33	- 5	WSW	1	b	*	47	27	-		
†Ardrossan	30.12	42	NW	4	b	30.36	+ .51	35	33	- 6	E	1	b	1	47	29	-		
†Mullaghmore	30.26	44	NNW	5	c	30.23	+ .26	37	35	- 8	SW	1	b	1	49	32	-		
Donaghadee	30.19	42	N	3	b	30.36	+ .44	39	38	+ 1	W	3	b	1	48	37	0.07		
Parsonstown	30.30	42	NNW	1	b	30.39	+ .25	36	29	- 10	SSE	1	b	*	46	27	-		
Barrow-in-Furness	30.16	45	NNW	4	b	30.32	+ .50	37	35	- 3	NNE	6	b	3	49	26	-		
†Holyhead	30.18	47	NNW	6	ct	30.35	+ .41	44	41	- 1	NNW	2	c	2	47	41	0.03		
Liverpool (Bidston)	30.10	46	WNW	4	b	30.36	+ .49	39	37	- 7	Z	0	b	2	47	37	0.04		
†Valentia	30.23	47	ENE	2	b	30.27	+ .05	47	43	- 2	ESE	3	c	4	34	37	-		
Roche's Point	30.29	45	N	3	b	30.37	+ .21	36	34	- 9	N	2	b	3	37	30	-		
Pembroke	30.22	46	NNW	3	b	30.36	+ .34	45	45	- 3	E	1	b	1	49	43	-		
†Scilly																			
Prawle Point	30.23	44	NW	2	b	30.39	+ .29	42	42	- 3	NNE	2	r	2	54	34	-		
Hurst Castle	30.14	43	N	5	b	30.37	+ .37	38	36	- 8	N	3	b	3	52	32	-		
†Dover	30.00	44	WNW	4	b	30.29	+ .37	39	36	- 2	N	5	b	3	57	36	-		
†London	30.06	42	NW	2	b	30.36	+ .42	35	35	- 8	NW	1	g	*	50	30	-		
Oxford	30.14	40	NNW	4	b	30.37	+ .44	34	33	- 6	W	1	om	*	49	31	0.06		
Cambridge	30.03	42	NW	1	b	30.23	+ .34	37	34	- 3	NNW	1	b	*	48	32	-		
†Yarmouth	29.87	41	NW	6	r	30.22	+ .44	41	40	+ 1	WNW	4	comp	4	46	38	0.11		
The Helder																			
Cape Gris Nez	29.69	47	NW	8	b	30.28	+ .37	42	40	- 4	NW	5	b	4	52	39	-		
†Jersey	30.22	49	NW	4	cgrh	30.42	+ .30	48	43	+ 1	NE	2	b	3	55	44	0.06		
Brest	30.24	50	N	5	b	30.37	+ .22	46	42	- 6	E	3	b	2	55	45	-		
Lorient	30.30	52	N	7	b	30.34	+ .18	46	43	- 5	NE	1	b	1	57	43	-		
†Rochefort	30.22	57	NW	7	o	30.37	+ .22	43	41	- 9	NE	5	b	2	63	37	-		
Biarritz	30.28	58	N	3	r	30.32		54	50		SSE	3	o	4	68	48	0.46		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.21	+ .33	42	41	- 1	W	5	r	*	50	41	0.43		
Charleville	30.11	46	SW	4	b	30.23	+ .11	37	36	- 4	SW	4	b	*	34	34	-		
Paris	30.07	49	WNW	5	c	30.24	+ .27	41	37	- 6	Z	0	b	*	*	*	0.04		
Lyons	29.97	?	W	1	c	30.25	+ .16	36	35	- 9	NW	1	b	4	55	30	-		
Toulon	30.16	28	NW	9	b	30.00	+ .02	47	40	- 7	NW	8	b	7	61	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Havre Junction	28.80	36	W	2	b	29.06	- .01	37	30	- 4	W	1	b	*	43	27	-		

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

Havre Junction	28.50	36	W	2	b	29.06	- .51	31	30	- 4	W	1	b	*	43	27	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	29.11	44.5	43	NNW	8	o	5	Valentia ...	30.31	51	44	N	3	cm	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.02	42	39	N	7	b	1	Dover ..	29.91	45	41	NN	5	c	2
Aberdeen ...	29.80	44	41	NNW	8	b	4	London ...	29.98	46	40	NNW	4	b	*
Shields ...	29.83	45	40	NNW	8	c	6	Yarmouth ...	29.88	46	40	NNW	5	c	4
Ardrossan ...	30.03	44.5	42	NW	5	c	4	Jersey ...	30.26	50	45	NNW	5	b	5
Mullaghmore ...	30.20	48	43	N	6	cgr	5	Rochefort ...	30.20	57	57	NNW	3	o	1
Holyhead ...	30.08	? 44	41	NNW	6	b	5								

The barometer still rises generally with NW winds and cool and fair though rather cloudy weather. A sharp hail squall passed over London this 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 (hazy) u. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY 17TH OCTOBER.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

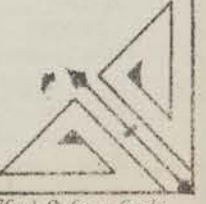
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dargerfield, Lish, 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Monday 17th OCTOBER.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → force above 10; → force 8 to 10;
 → force 5 to 7; → force 1 to 4;
 ○ = dead calm.

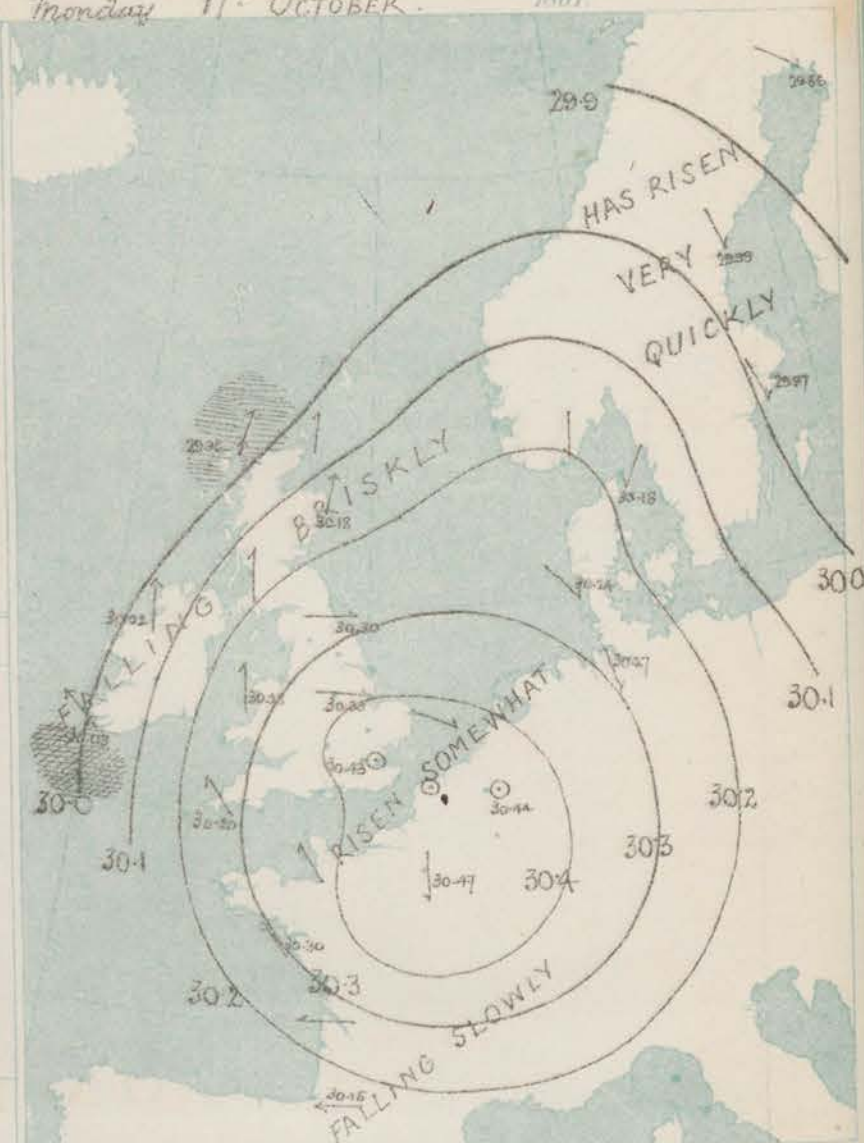
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings Inch
Nairn	29.724
Aberdeen	29.733
Leith	29.736
Scarborough	29.847
Ardnamann	29.797
Greenacastle	29.797
Holyhead	29.800
Valentia	29.807
Roche's Pt.	29.827
Plymouth	29.828
LONDON	29.867
Yarmouth	29.891

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Monday 17th OCTOBER 1881 at 8 a.m.

The increase of pressure has continued over the countries to the eastward of the North Sea, the east of France, and the south-east of England, but the decrease which had commenced at Valencia yesterday morning, has spread to all other places. A large depression lies apparently to the westward of Norway, and a second seems to be approaching Ireland from the south-westward, while an area of high pressure lies over the Netherlands, the north-east of France, and our south-west coast, but draws into S. all over the northern and north-western districts, while in the SE. it is light or variable. At Valencia and Stormway it blows a gale, and at several of the western stations it is strong in force. The weather is fine on the eastern shores of the North Sea, as well as over the greater part of England and France, but in the west and north the sky is cloudy. Fog prevails in London. Temperature has risen very fast in Ireland and Scotland, but has again fallen over Central England, and readings range from 56° at Valencia to 29° at Oxford. The minima last night were 29° at the inland English stations and 28° at Aberdeen.

Sea is very rough at Valencia and Stormway.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
18th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S ^w winds, strong to a gale; dull, rain.
2	SCOTLAND EAST	S ^w winds, moderate, but increasing considerably; cloudy, probably some rain.
3	ENGLAND N.E.	D ^r D ^r D ^r
4	ENGLAND EAST	W st and S.W st or S ^w winds, light to fresh, fair to dull.
5	MIDLAND COUNTIES	Wind shifting to SE and S. and increasing; fine to dull, probably rain.
6	ENGLAND SOUTH	D ^r D ^r D ^r

DISTRICTS

FORECASTS

6	SCOTLAND WEST	S ^w winds, moderate to strong, or a gale; cloudy, some rain.
7	ENGLAND N.W.	D ^r D ^r D ^r
8	ENGLAND S.W.	SE st to SW st strong winds and gales; cloudy, some rain.
9	IRELAND NORTH	SE st and S ^w strong winds and gales; dull, rain.
10	IRELAND SOUTH	D ^r D ^r D ^r
WARNINGS		The south coast was hoisted last evening in districts 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR

17th OCTOBER

1881.

STATIONS.	† YESTERDAY EVENING.						3 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 35° F. and Sea Level.	SHADE TEMP.			WIND.	Temp. in shade.	Weather.	Sea. (0 to 9).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 3 a.m. yesterday.										
Haparanda ...	29.54	40	2	0	0	29.86	+ 50	37	37	- 13	NW	2	0	45	37	0.24			
Hernösand ...	29.72	40	NNW	4	6	29.99	+ 70	39	36	0	NNW	2	6	45	36	-			
Stockholm ...	29.76	41	NNW	2	0	29.97	+ 68	38	35	- 4	NNW	2	6	42	?	0.04			
Wisby ...																			
Bodö ...																			
Christiansund ...																			
† Skudesnaes ...																			
Örö (Christiansund) ...	30.00	44	NNW	4	6	30.22	+ 59	39	35	- 6	N	4	6	50	36	-			
Skagen (The Skaw) ...	29.97	49	NNW	4	6	30.18	+ 64	40	38	- 6	NNW	4	6	50	41	-			
Fanö ...	30.12	43	NNW	2	6	30.24	+ 50	43	41	- 4	NNW	3	6	50	39	-			
Cuxhaven ...	29.99	51	NNW	6	6	30.29	+ 50	47	45	- 3	NNW	4	6	?	43	0.02			
† Sumburgh Head ...																			
† Stornoway ...	30.21	42	S	4	0	29.96	- 32	45	44	+ 7	SEW	8	0	48	38	0.08			
Wick ...	30.29	39	2	0	0	30.08	- 19	46	44	+ 8	S	3	0	46	36	-			
Nairn ...	30.25	36	2	0	6	30.10	- 14	40	38	+ 6	2	0	m	44	34	0.01			
† Aberdeen ...	30.31	37	2	0	6	30.18	- 08	40	37	+ 1	SSW	5	0	46	28	-			
Leith ...	30.32	36	3	1	6	30.32	- 09	39	38	+ 3	E	1	6	52	31	-			
† Shields ...	30.34	44	NNE	1	6	30.30	+ 01	37	35	0	N	2	om	47	32	-			
Spurn Head ...	30.35	43	NNW	2	0	30.36	+ 13	40	38	0	SW	3	6	48	34	-			
York ...	30.36	41	NW	1	6	30.37	+ 05	32	31	- 7	SSE	1	6	50	30	-			
Nottingham ...	30.39	39	WNW	1	6	30.39	+ 04	38	32	+ 1	N	1	6	52	29	-			
† Ardrossan ...	30.31	41	E	1	6	30.20	- 16	50	48	+ 15	S	4	mo	53	34	-			
† Mullaghmore ...	30.17	42	SE	5	0	30.02	- 31	54	52	+ 17	S	6	og	54	37	-			
Donaghadee ...	30.30	43	S	1	6	30.18	- 18	51	48	+ 12	S	4	0	51	39	-			
Parsonstown ...	30.24	46	SSE	1	6	30.12	+ 27	51	48	+ 21	S	6	og	51	38	-			
Barrow-in-Furness ...	30.34	44	ESSE	2	6	30.29	- 03	40	39	+ 3	ESSE	3	6	53	36	-			
† Holyhead ...	30.32	47	SSE	2	6	30.25	- 10	50	49	+ 6	S	4	0	52	43	-			
Liverpool (Bilston) ...	30.36	43	E	1	6	30.32	- 04	37	36	- 2	SE	3	6	48	34	-			
† Valentia ...	30.15	52	SE	7	1	30.03	- 24	56	53	+ 9	SE	8	og	57	47	0.02			
Roche's Point ...	30.25	50	SSE	5	0	30.14	- 23	55	53	+ 19	S	6	0	55	36	-			
Pembroke ...	30.33	50	SEW	2	6	30.26	- 10	52	51	+ 1	SSE	3	0	52	44	-			
† Scilly ...																			
Prawle Point ...	30.38	47	SE	1	6	30.33	- 06	50	46	+ 8	SE	4	0	53	44	-			
Hurst Castle ...	30.40	45	WSW	2	6	30.38	+ 01	44	43	+ 6	ESSE	2	0	52	35	-			
† Dover ...	30.38	44	WNW	2	6	30.43	+ 14	38	36	- 1	N	2	6	48	37	-			
† London ...	30.39	39	WNW	1	m	30.43	+ 07	30	30	- 5	N	0	f	50	27	-			
Oxford ...	30.41	35	2	0	6	30.41	+ 04	29	28	- 5	NNW	1	6	51	27	-			
Cambridge ...	30.38	41	NW	1	6	30.42	+ 09	30	30	- 7	NNW	1	6	53	27	-			
† Yarmouth ...	30.33	43	NNW	2	6	30.40	+ 18	37	36	- 4	WNW	1	6	48	34	0.07			
The Helder ...																			
Cape Gris Nez ...	30.38	46	WNW	1	6	30.41	+ 13	43	40	+ 1	SE	1	6	?	?	0.35			
† Jersey ...	30.43	45	2	0	6	30.40	- 02	49	44	+ 1	SE	3	6	53	43	-			
Brest ...	30.36	52	S	4	0	30.28	- 09	47	43	+ 1	SE	5	6	57	45	-			
Lorient ...	30.34	47	ESSE	3	6	30.30	- 04	45	41	- 1	SE	5	6	55	41	-			
† Rochefort ...	30.35	52	E	4	6	30.29	- 08	40	39	- 3	E	4	6	63	36	-			
Biarritz ...	30.29	57	E+SE	4	6	30.15	- 17	45	41	- 3	E	5	6	65	39	-			
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	30.44	+ 23	42	41	0	N	1	0	48	41	0.12			
Charleville ...	30.40	46	WSW	4	0	30.40	+ 17	46	39	+ 9	SW	4	6	55	34	-			
Paris ...	30.40	48	2	0	6	30.47	+ 13	37	35	- 4	N	4	6	*	*	-			
Lyons ...																			
Toulon ...																			

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

Hawes Junction	29.10	35	SSW	1	6	29.04	- 02	32	32	+ 2	N	1	6	44	27	-			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.37	46	40	NNW	8	6	Valentia ...						
Sumburgh Head ...							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	30.36	52	51	E+SE	4	6
Holyhead ...							Ben Nevis (4406 ft.)	30.31	84	83	2	0	0
							Bar. = 160						

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 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY 18TH OCTOBER.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

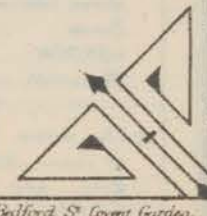
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ROBERT H. SCOTT
(SECRETARY.)



Fred^k Dangerfield, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 18th OCTOBER.

1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4.

○ - dead calm.

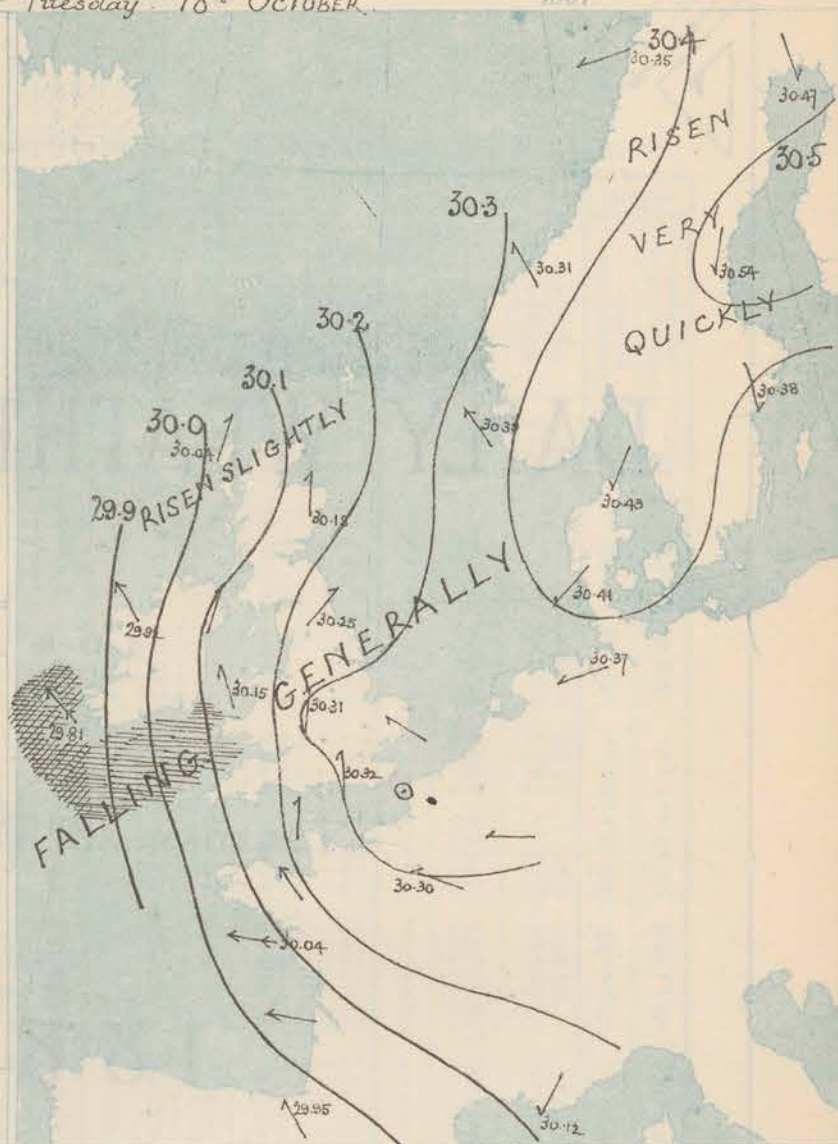
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings Inch.
Nairn	29.771
Aberdeen	29.738
Leith	29.726
Scarborough	29.842
Ardrossan	29.797
Greenock	29.781
Holyhead	29.810
Valencia	29.802
Roches Pt.	29.827
Plymouth	29.840
LONDON	29.867
Vermouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

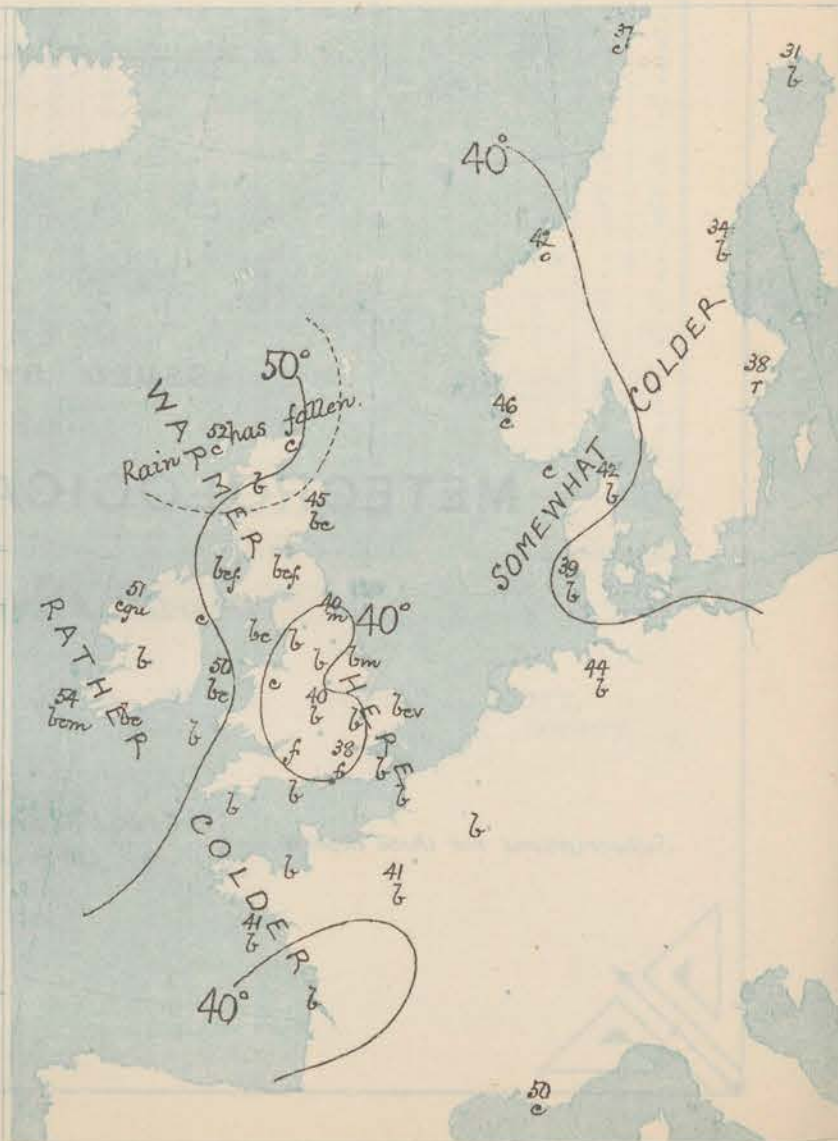
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall Inch.
Sumburgh Head	46.4	2.64
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Inverness	49.2	2.67
Perth	48.9	2.46
Milltownmore	49.1	2
Holyhead	51.3	5.14
Harrogate	50.2	3.68
Valencia	51.1	7.11
Sally (St Mary's)	54.6	4.01
Howe Castle	53.5	2
Dover	53.0	4.30
LONDON	53.3	2.84
Vermouth	51.2	2.87

* The mean Temperatures are those for the 25 years 1857-69, the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for Tuesday 18th OCTOBER 1881 at 8 a.m.

Pressure continues to decrease all over the western and southern part of these Islands and the whole of France, while in the north and east, as well as over Scandinavia, the mercury has risen. A large anticyclone is forming over Sweden and spreading SE^{wd} over the North Sea, while a large area of low pressure lies off our south-west coasts. The wind is E^{ly} over France, SE^{ly} and S^{ly} on our coast, and in Norway; in most places it is light or moderate in force, but in the SW. and W. it is stronger, and at Lorient and Valencia it blows a gale. The weather generally is fine and bright, and the only rain which has fallen during the past twenty four hours has been a little in the extreme north of Scotland. Temperature has fallen in the west, risen in the south-east and east and readings range from 54° at Valencia and 52° at Stornoway to 32° at Oxford. During the past night the thermometer fell to 28° at Oxford and Cambridge. The sea is very rough in the south-west, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, moderate; cloudy, some rain.
2 SCOTLAND EAST	S ^{ly} breezes, light, fair, cloudy.
3 ENGLAND N.E.	D°-----D°-----D°-----
4 ENGLAND EAST	SE ^{ly} and S ^{ly} winds, light and moderate, fair, cold and foggy in inland parts at night.
5 MIDLAND COUNTIES	D°-----D°-----D°-----
6 ENGLAND SOUTH	D°-----D°-----D°-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ly} and S ^{ly} winds, moderate; cloudy, fair.
7 ENGLAND N.W.	D°-----D°-----D°-----
8 ENGLAND S.W.	SE ^{ly} and S ^{ly} strong winds; fair.
9 IRELAND NORTH	SE ^{ly} and S ^{ly} strong winds and gales, cloudy, squally.
10 IRELAND SOUTH	D°-----D°-----D°-----
WARNINGS	The south cone is still flying in districts Nos 6 to 10.

METEOROLOGICAL OBSERVATIONS FOR

18th OCT^r

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 33° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 33° F. and Sea Level.	SHADE TEMP.		WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force.			Dry.	Wet.					Max.	Min.					
Haparanda ...	30.21	35	N	2	b	30.47	+6.1	31	30	-6	N	2	41	37	-				
Hernösand ...	30.32	37	N	2	b	30.54	+5.5	34	32	-5	NNE	2	48	34	-				
Stockholm ...	30.23	39	NW	2	0	30.38	-4.1	38	38	0	N	2	45	36	-				
Wisby ...																			
Bodö ...	30.24	36	Z	0	b	30.35		37	35		ENE	4	45	34	-				
Christiansund ...	30.27	38	SW	1	b	30.31		42	35		SE	4	?	28	-				
†Skudesnaes ...	30.32	45	ESR	2	0	30.39		46	43		SE	6	?	37	-				
Oxö (Xiansund) ...	30.33	43	NW	2	b	30.43	+2.1	44	40	+5	NE	4	45	?	-				
Skagen (The Skaw) ...	30.34	44	NE	2	b	30.43	+2.5	42	39	-1	NE	2	45	39	-				
Fanö ...	30.38	38	NE	1	b	30.41	+1.7	39	38	-4	ENE	2	48	34	-				
Cuxhaven ...	30.28	?	NW	3	b	30.37	+1.0	44	43	-3	ENE	2	?	41	-				
†Sumburgh Head ...																			
†Stornoway ...	30.00	52	SSW	7	c	30.04	+0.8	52	50	+7	SSW	2	53	45	0.04				
Wick ...	30.05	50	SSW	2	0	30.12	+0.4	50	48	+4	SE	1	50	45	0.30				
Nairn ...	30.06	50	Z	0	0	30.08	-0.2	44	41	+4	Z	0	50	40	0.03				
†Aberdeen ...	30.11	47	SSW	4	c	30.15	-0.3	45	43	+5	S	3	50	39	-				
Leith ...	30.19	50	NW	1	c	30.18	-0.4	39	38	0	W	1	54	34	-				
†Shields ...	30.24	48	SSW	1	m	30.25	-0.5	40	39	+3	SW	1	51	35	-				
Spurn Head ...	30.33	47	SW	3	b	30.29	-0.7	45	44	+5	S	4	51	40	-				
York ...	30.30	45	S	1	b	30.29	-0.8	36	35	+4	S	1	53	34	-				
Nottingham ...	30.32	44	SSW	2	b	30.31	-0.8	40	38	+5	S	1	56	32	-				
†Ardrossan ...	30.19	52	S	4	om	30.16	-0.4	43	42	-7	E	2	52	42	-				
†Mullaghmore ...	29.99	54	SE	5	og	29.92	-1.0	51	49	-3	SE	6	57	48	-				
Donaghadee ...	30.15	50	SSW	5	b	30.14	-0.4	50	47	-1	SSW	4	51	48	-				
Parsonstown ...	30.09	51	S	4	c	29.99	-1.3	50	47	-1	SE	3	57	47	-				
Barrow-in-Furness ...	30.24	48	ESE	5	b	30.21	-0.8	44	42	+4	ESE	5	53	40	-				
†Holyhead ...	30.20	51	S	5	c	30.15	-1.0	50	49	0	SSR	2	53	44	-				
Liverpool (Bidston) ...	30.27	44	SSE	2	b	30.20	-1.2	39	37	+2	SSE	3	53	36	-				
†Valentia ...	29.96	56	SE	8	og	29.81	-2.2	54	51	-2	SE	8	57	53	-				
Roche's Point ...	30.11	55	S	6	0	29.97	-1.7	53	50	-2	SSE	6	55	52	-				
Pembroke ...	30.20	52	S	4	b	30.10	-1.6	50	49	-2	SSE	5	53	48	-				
†Scilly ...																			
Prawle Point ...	30.27	50	ESE	4	b	30.16	-1.7	48	45	-2	ESE	5	53	45	-				
Hurst Castle ...	30.34	46	ENE	3	b	30.26	-1.2	48	44	+4	S	4	53	42	-				
†Dover ...	30.38	45	Z	0	b	30.32	-1.1	47	44	+9	SE	3	51	37	-				
†London ...	30.36	44	S	1	b	30.32	-1.1	38	37	+8	SSE	1	55	33	-				
Oxford ...	30.34	43	SE	2	b	30.29	-1.2	32	32	+3	SE	1	53	28	-				
Cambridge ...	30.35	49	S	1	b	30.32	-1.0	34	34	+4	SW	1	54	28	-				
†Yarmouth ...	30.36	46	S	1	b	30.33	-0.7	47	44	+10	ESE	2	49	35	-				
The Helder ...																			
Cape Gris Nez ...	30.37	43	E	1	b	30.33	-0.8	39	37	-4	ESE	1	54	35	-				
†Jersey ...	30.31	51	ESE	3	b	30.21	-1.9	44	40	-5	ESE	5	52	43	-				
Brest ...	30.19	53	SE	5	b	30.04	-2.4	44	41	-3	SE	5	55	43	-				
Lorient ...	30.19	51	SSE	7	b	30.04	-2.6	41	39	-4	E	8	54	39	-				
†Rochefort ...	30.19	54	E	7	b	30.09	-2.0	37	36	-3	E	7	63	34	-				
Biarritz ...	30.05	59	E	5	b	29.95	-2.0	50	46	+5	SE	4	64	43	-				
Corunna ...																			
Brussels ...																			
Charleville ...	30.41	44	SE	4	b	30.36	-0.4	31	30	-15	E	4	54	30	-				
Paris ...	30.39	43	ENE	3	0	30.30	-1.7	41	37	+4	ESE	1			-				
Lyons ...																			
Toulon ...	30.40	54	S	1	c	30.12	-0.3	50	44	?	NE	4	63	48	-				

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

Hawes Junction	29.02	40	SSW	1	b	28.93	-0.6	39	38	+6	S	1	48	33	-				
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.19	45	39	NNE	2	0	Valentia ...	30.00	56	53	SE	8	og	7
Sumburgh Head							Scilly ...							
Stornoway ...	29.96	51	51	SSW	8	7	Dover ..	30.39	50	45	SW	3	b	1
Aberdeen ...	30.12	48	45	SSW	4	6	London ...	30.31	52	45	S	2	c	*
Shields ...	30.25	51	46	SSW	2	m	Yarmouth ...	30.38	49	44	SSW	2	b	3
Ardrossan ...	30.19	51	49	ENE	4	0	Jersey ...	30.36	50	44	SE	3	b	3
Mullaghmore ...	30.04	56	53	SSW	4	om	Rochefort ...	30.22	63	50	ESE	7	b	2
Holyhead ...	30.23	53	52	S	4	c	Ben Nevis (4966 Ft.) 9 a.m. on 17 th .	Not received.						

The decrease of pressure has now extended to all parts of these Islands with S^{ly} winds and rising temperature. At Valentia and Stornoway gales are still reported.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale in, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. 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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY 19TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fred^r Hangerfield 15th 2d Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on Wednesday 19th OCTOBER.

1887.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4;
○ = dead calm.

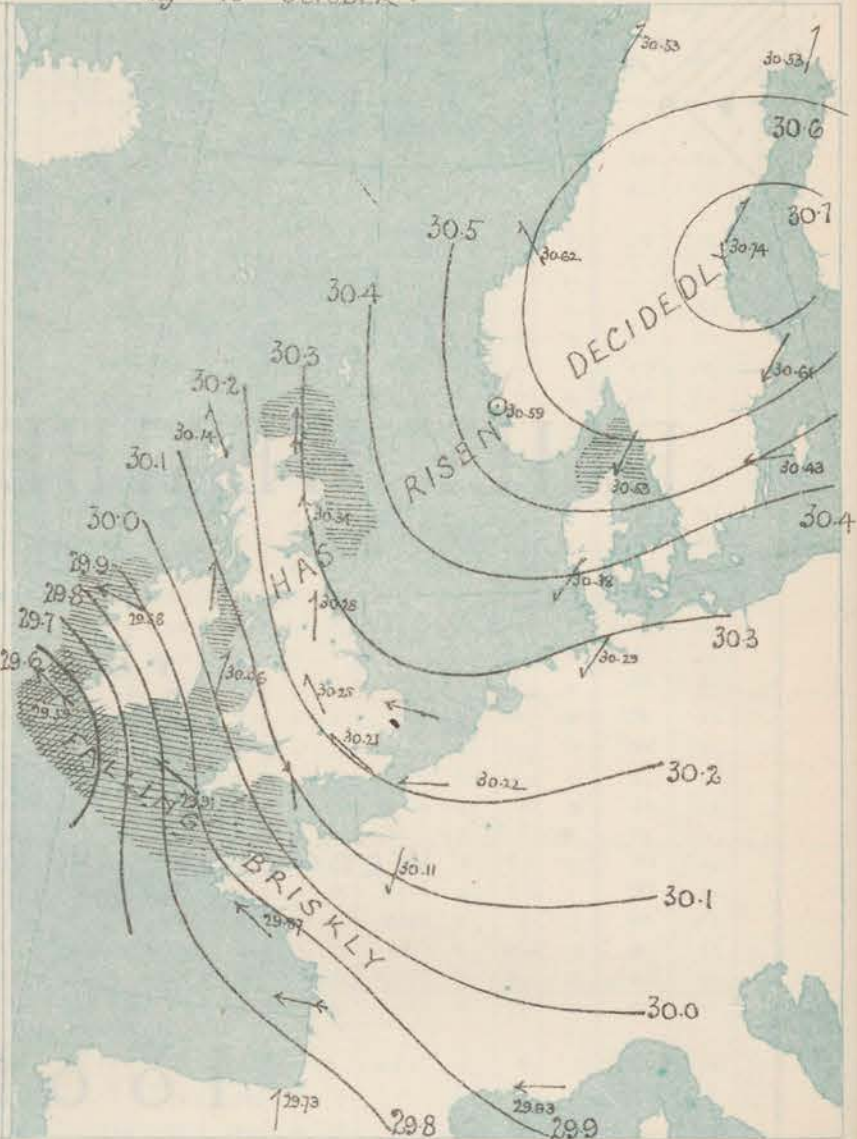
Sea Disturbance; where considerable is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings Inch
Nairn	29.759
Aberdeen	29.738
Leith	29.776
Scarborough	29.842
Ardrossan	29.797
Greenock	29.789
Holyhead	29.850
Valentia	29.852
Roches Pt.	29.827
Plymouth	29.955
LONDON	29.907
Yarmouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

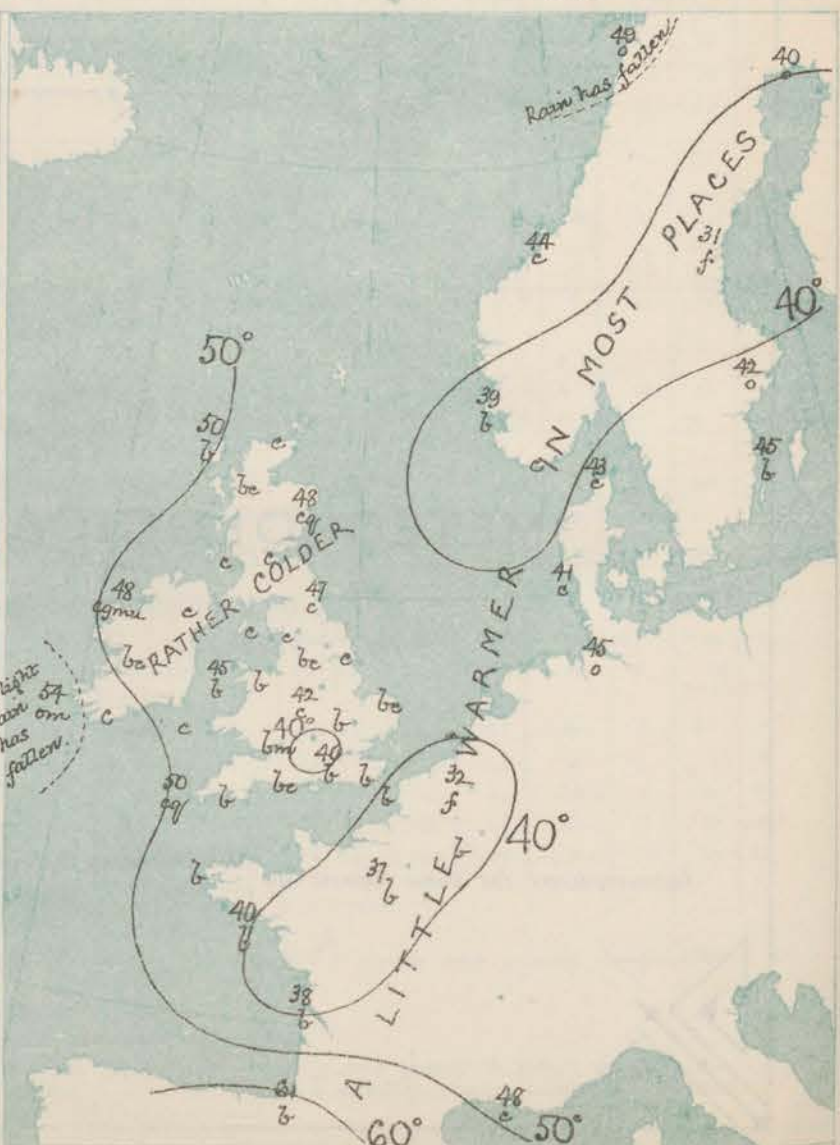
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
Sumburgh Head	46.4	2.64
Sornoway	46.6	4.88
Aberdeen	47.4	3.24
Shetlands	49.3	2.84
York	48.9	2.85
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Parsonstown	50.9	3.63
Valentia	51.4	2.21
Sally (St. Mary's)	54.6	1.91
Hurst Castle	53.3	?
Dover	53.0	2.20
LONDON	53.3	2.64
Yarmouth	51.6	2.87

* The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 19th OCT^r 1881 at 8 a.m.

Since yesterday morning the barometer has risen decidedly over Scandinavia, and the northern districts of these Islands, but in the SW., S., and over France a brisk decrease has occurred. A large anticyclone (30.7 in.) has been formed over Sweden, while a depression (29.6 in.) lies off the south-west of Ireland. In consequence rather steep gradients have been formed on our western and south-western coast, and the wind, which is E^l over France and the south of England, SE^l in Ireland and S^l in Scotland, blows a fresh gale at the Mouth of the Channel and in the south of Ireland. The weather is cloudy in Ireland and the south-west of England, fine and bright in nearly all other places. Scarcely any rain has fallen over Western Europe, the only amounts reported this morning being 0.03 in. at Valencia and 0.47 in. at Bode. Temperature has fallen in the NW, risen in most other places, and readings range from 54° at Valencia to 40° at Oxford and in London. During last night the thermometer fell to 31° at Brussels, to 32° at Cape Gris Nez, Oxford and Cambridge, and to 30° in London. The sea is rough in the extreme SW., W., and N.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

20th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

11	SCOTLAND NORTH	SE ^l winds, rather strong; cloudy but fair.
1	SCOTLAND EAST	D ^l - - - - D ^l - - - - D ^l
2	ENGLAND N.E.	SE ^l winds, fresh or strong; cool, fair.
3	ENGLAND EAST	E ^l winds, strong to a gale; becoming cloudy and some rain, cool.
4	MIDLAND COUNTIES	D ^l - - - - D ^l - - - - D ^l
5	ENGLAND SOUTH	D ^l - - - - D ^l - - - - D ^l

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SE ^l winds, moderate; fair, cool.
7	ENGLAND N.W.	SE ^l and E ^l winds; strong; cool, fair.
8	ENGLAND S.W.	SE ^l to E ^l strong winds and gales; cloudy, some cold rain.
9	IRELAND NORTH	Same as N° 7
10	IRELAND SOUTH	Same as N° 8
WARNINGS		The north cone has been hoisted in districts N°s 3, 5, 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR

19th OCT^r

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.					
			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.	Amount of Rainfall.			
Haparanda	30.62	25	2	0	b	30.53	+ 0.6	40	38	+ 9	SW	2	0	*	?	25	—			
Hernösand	30.74	28	2	0	b	30.74	+ 0.20	31	31	- 3	SW	2	f	*	45	25	—			
Stockholm	30.54	41	NNE	4	0	30.61	- 0.23	42	39	+ 4	NE	6	0	*	45	36	—			
Wisby	30.38	44	NE	7	b	30.43		45	42		E	6	6	*	48	45	—			
Bodö	30.41	45	NE	2	0	30.53	+ 0.18	49	48	+ 12	SW	7	0	4	?	36	0.47			
Christiansund	30.45	43	ESE	2	b	30.62	+ 0.31	44	39	+ 2	SE	2	c	3	48	30	—			
†Skudesnaes	30.52	46	SSE	6	b	30.59	+ 0.20	39	36	- 7	2	0	6	2	?	?	—			
Öxö (Xiänsund)	30.53	42	NNE	4	b	30.56	+ 0.13	40	38	- 4	NNE	6	c	3	45	39	—			
Skagen (The Skaw)	30.52	44	NE	6	b	30.53	+ 0.10	43	40	+ 1	NE	6	c	5	46	41	—			
Fanö	30.45	37	NE	4	b	30.38	- 0.03	41	40	+ 2	NE	4	v	*	48	36	—			
Cuxhaven	30.38	?	E	3	0	30.29	- 0.08	45	44	+ 1	NNE	4	0	*	46	41	—			
†Sumburgh Head																				
†Stornoway	30.04	49	NNW	1	b	30.14	+ 0.10	50	47	- 2	SSE	4	b	3	56	43	—			
Wick	30.15	51	S	4	c	30.28	+ 0.16	49	45	- 1	S	9	c	6	50	30	—			
Nairn	30.09	50	2	0	bc	30.21	+ 0.13	49	47	+ 5	SSE	3	bc	2	54	38	—			
†Aberdeen	30.22	49	S	4	b	30.34	+ 0.19	48	43	+ 3	SSE	6	cg	5	53	44	—			
Leith	30.16	48	SW	1	b	30.25	+ 0.07	47	43	+ 8	S	1	c	*	56	37	—			
†Shields	30.25	48	S	2	bc	30.28	+ 0.03	47	43	+ 7	S	4	c	3	53	38	—			
Spurn Head	30.27	48	SE	4	bc	30.25	- 0.04	47	44	+ 2	E	6	c	3	50	44	—			
York	30.36	46	SSE	1	b	30.28	- 0.01	43	40	+ 7	ESE	2	bc	*	54	35	—			
Nottingham	30.27	44	ENE	2	b	30.25	- 0.06	42	39	+ 2	SE	3	bc	*	56	38	—			
†Ardrossan	30.14	49	ESE	2	bc	30.21	+ 0.05	47	43	+ 4	ESE	4	c	3	54	42	—			
†Mullaghmore	29.87	53	SE	6	c	29.88	- 0.04	48	46	- 3	ESE	6	cg	5	58	46	—			
Donaghadee	30.10	51	SSW	5	b	30.11	- 0.03	48	44	- 2	S	7	v	5	54	47	—			
Parsonstown	29.94	51	SE	4	bc	29.85	- 0.14	48	44	- 2	ESE	8	bc	*	54	47	—			
Barrow-in-Furness	30.12	47	NE	4	bc	30.20	- 0.01	45	40	+ 1	ESE	6	c	4	52	42	—			
†Holyhead	30.07	55	SSE	2	b	30.06	- 0.09	45	44	- 5	SSW	3	b	2	59	43	—			
Liverpool (Bidston)	30.16	47	ESE	4	b	30.16	- 0.04	43	41	+ 4	E	5	b	3	51	39	—			
†Valencia	29.75	54	ESE	8	omg	29.59	- 0.22	54	51	0	ESE	8	cm	7	57	50	0.03			
Roche's Point	29.90	53	SSE	7	c	29.73	- 0.24	53	50	0	SSE	8	c	6	56	51	—			
Pembroke	29.99	50	E	6	b	29.95	- 0.15	48	46	- 2	ESE	8	c	5	54	47	—			
†Scilly																				
Prawle Point	30.06	50	E	7	b	29.99	- 0.17	48	45	0	ESE	8	b	6	52	47	—			
Hurst Castle	30.17	49	ESE	5	b	30.11	- 0.15	47	44	- 1	SSE	4	bc	3	52	45	—			
†Dover	30.24	49	E	4	b	30.19	- 0.13	45	41	- 2	ESE	5	b	4	51	42	—			
†London	30.24	45	E	2	b	30.21	- 0.11	40	38	+ 2	ESE	2	b	*	55	35	—			
Oxford	30.23	42	SE	2	b	30.19	- 0.10	40	37	+ 2	E	2	bc	*	53	32	—			
Cambridge	30.26	43	SE	1	b	30.24	- 0.08	41	38	+ 7	E	1	b	*	54	32	—			
†Yarmouth	30.28	47	E	5	bc	30.24	- 0.09	47	42	0	ESE	6	bc	5	50	44	—			
The Helder																				
Cape Gris Nez	30.23	43	ENE	3	b	30.19	- 0.14	33	33	- 6	E	3	b	1	61	32	—			
†Jersey																				
Brest	29.97	54	SSE	5	b	29.83	- 0.21	44	41	0	SE	7	b	4	57	43	—			
Lorient	29.95	51	ESE	7	b	29.87	- 0.17	40	37	- 1	ESE	7	b	4	57	37	—			
†Rochefort	29.97	54	E	5	b	29.84	- 0.25	38	36	+ 1	E	8	b	2	66	34	—			
Biarritz	29.87	67	E	4	b	29.73	- 0.22	61	56	+ 11	S	3	b	2	73	46	—			
Corunna	*	*	*	*	*			*						*	*	*	—			
Brussels	*	*	*	*	*	30.22		32	31		E	3	f	*	48	51	—			
Charleville	30.28	41	N	5	b	30.17	- 0.19	35	31	+ 4	NNE	5	b	*	61	30	—			
Paris	30.15	46	NE	5	b	30.11	- 0.19	37	35	- 4	NNE	4	b	*	*	*	—			
Lyons														*	*	*	—			
Toulon	30.00	57	SW	3	c	29.93	- 0.19	48	45	- 2	E	5	c	3	61	46	—			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.99	41	SE	2	b	28.98	- 0.0	39	37	0	SE	2	c	*	51	37	—			

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

Hawes Junction	28.99	41	SE	2	b	28.98	- 0.0	29	37	0	SE	2	c	51	37	—	—	—	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.47	49	46	SSE	8	0	4	Valencia ...	29.78	55	52	SE	8	om	7
Sumburgh Head								Scilly ...							
Stornoway ...	30.04	56	53	S	2	b	2	Dover ..	30.26	50	44	SE	4	b	2
Aberdeen ...	30.20	50	47	S	2	b	2	London ...	30.26	52	45	ESE	3	bm	*
Shields ...	30.24	52	47	SSW	2	m	3	Yarmouth ...	30.31	50	46	SE	3	b	3
Ardrossan ...	30.14	54	49	ESE	3	bc	3	Jersey ...	30.12	52	45	E	4	b	5
Mullaghmore ...	29.88	57	63	SE	6	cg	4	Rochefort ...	30.02	63	51	E	7	b	2
Holyhead ...	30.10	57	57	SSE	1	b	0								

Very little change has occurred since the morning beyond a slight further decrease of pressure over France and over Sth district. The SE^{ly} wind remains very strong on our SW coast. The sea is smooth at Dover and calm at 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 (hazy); 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

THURSDAY 20TH OCT^R.

1881.

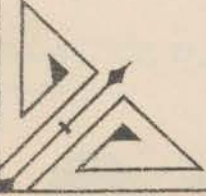
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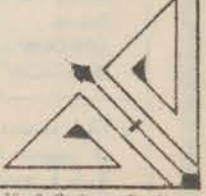
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ROBERT H. SCOTT

(SECRETARY.)



Fred^k Langford, Lark 22 Bedford St. Green Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 20th OCTOBER.

1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isohars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ dead calm.

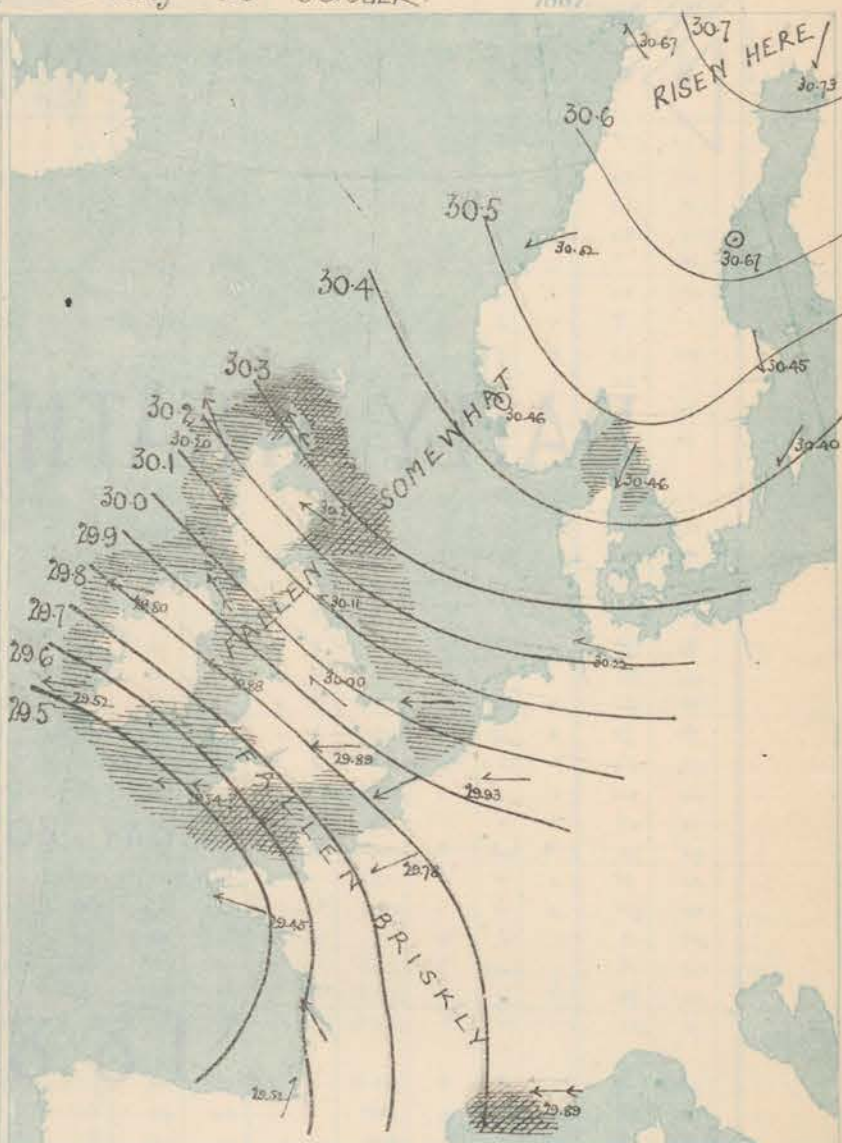
Sea Disturbance; where considerable, as shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings, Ins.
Norwich	29.724
Aberdeen	29.738
Leith	29.776
Scarborough	29.847
Ardrossan	29.707
Greenacastle	29.789
Holyhead	29.800
Valentia	29.852
Roche's Pt.	29.857
Plymouth	29.930
LONDON	29.967
Wormouth	29.897

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

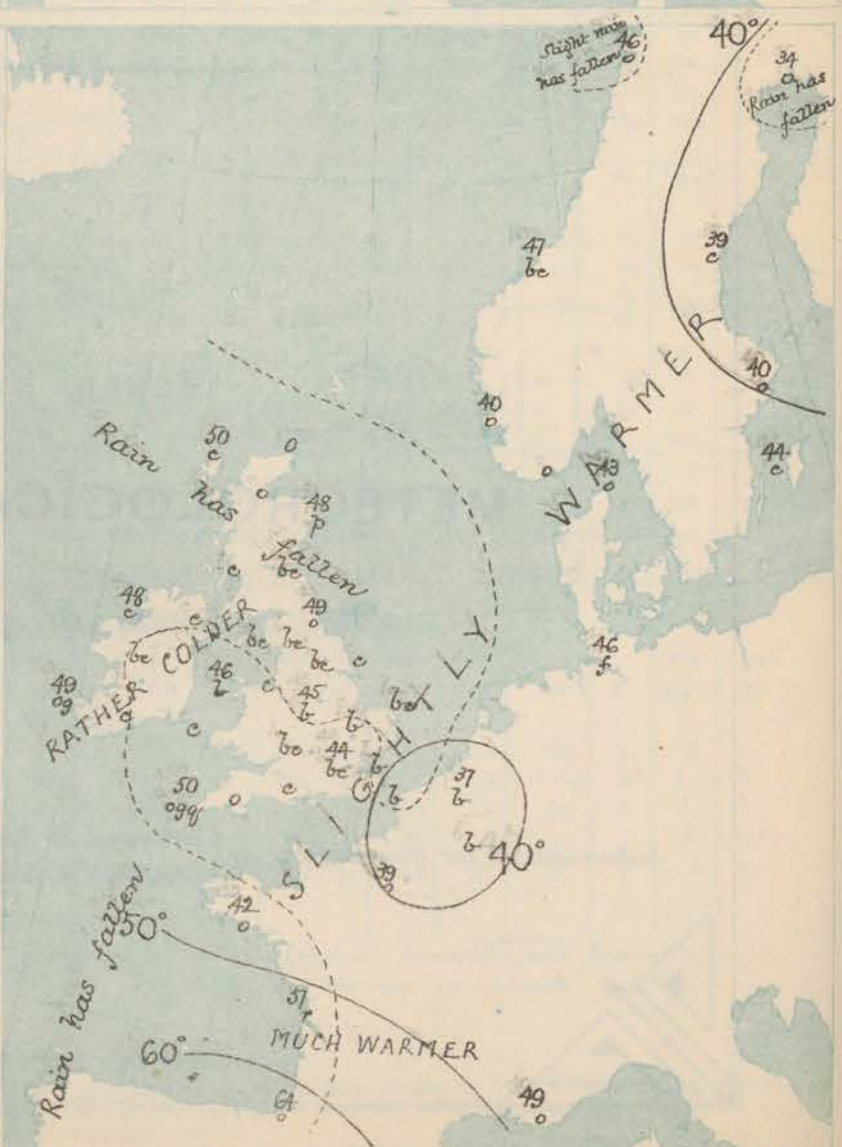
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
	°	ins.
Sandburgh Head	46.4	2.64
Stornoway	46.6	4.88
Aberdeen	47.4	3.24
Shields	49.0	2.61
Kirk	48.9	2.66
Mullaghmore	49.7	7
Holyhead	51.3	3.94
Parsonstown	50.2	3.63
Valentia	51.4	7.11
Sally (St Mary's)	54.6	4.91
Ilwst. Castle	51.8	7
Dover	53.0	3.36
LONDON	52.5	2.84
Wormouth	51.6	2.87

* The mean Temperatures are those for the 10 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 20th OCTOBER, 1881, at 8 a.m.

The large depression noticed yesterday is still shown over the Bay of Biscay and off our south-west coast, while the anticyclone in which readings continue about 30.7 ins. holds steadily in the far N. A brisk decrease of pressure has occurred over France and the south of England, and a slight fall in all other places except the extreme north of Scandinavia, so that gradients have increased and the E^z and SE^z winds which prevail generally are strong to a gale in force all round our islands. The weather is more cloudy than it was yesterday, but in the eastern and central parts of England, as well as over the Netherlands the sky remains clear. Rain is falling at present at Rochefort, and during the past twenty-four hours slight showers have fallen over Ireland, Scotland and the north and east of England. Temperature has risen a little, except in Ireland, and ranges from 50° at Stromoway and Falmouth to 43° at Cardiff. The maxima yesterday were between 48° and 54°. The sea is rough generally, and very high both in the NE. and SW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^z and S ^z strong winds and gales; cloudy, fair.
2 SCOTLAND EAST	ESE ^z strong winds; cloudy, fair, cold.
3 ENGLAND N.E.	—D°—D°—D°—
4 ENGLAND EAST	E ^z winds, strong to a gale; squally, cold and some cloud, but fair and dry.
5 MIDLAND COUNTIES	—D°—D°—D°—
6 ENGLAND SOUTH	E ^z winds, strong to a gale; squally, cold, and some cloud, but fair and dry.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^z or ENE ^z winds, fresh or moderate; cloudy, cold.
7 ENGLAND N.W.	E ^z or ENE ^z strong winds and gales; cloudy, cold, dry.
8 ENGLAND S.W.	—D°—D°—D°—
9 IRELAND NORTH	E ^z and SE ^z strong winds, cloudy, cold.
10 IRELAND SOUTH	Same as N ^{os} 7 and 8.
WARNINGS	The N. Cone still flies in districts N ^{os} 3, 5, 8 and 9.

METEOROLOGICAL OBSERVATIONS FOR

20th OCT^r

1881.

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 ...	30.59	30	Z	0	b	30.73	+ 20	34	32	- 6	NE	2	0	*	?	23	0.16		
Hernösand ...	30.65	39	Z	2	b	30.67	- 07	39	38	+ 8	Z	0	0	*	48	25	-		
Stockholm ...	30.59	40	N	2	0	30.45	- 16	40	39	- 2	N	2	0	*	43	39	-		
Wisby ...	30.50	44	E	6	b	30.40	- 03	44	42	- 1	ESE	4	0	*	48	41	-		
Bodö ...	30.66	43	SW	4	0	30.67	+ 14	46	46	- 3	SE	1	0	0	?	45	0.04		
Christiansund...	30.60	42	E	2	b	30.52	- 10	47	41	+ 3	ESE	3	0	2	50	34	-		
†Skudesnaes ...	30.52	41	Z	0	b	30.46	- 13	40	37	+ 1	Z	0	0	2	54	39	-		
Oxö (Xiansund)...	30.54	42	NNE	6	0	30.47	- 09	42	39	+ 2	NNE	6	0	4	?	37	-		
Skagen (The Skaw)	30.50	43	NE	6	b	30.46	- 07	43	40	0	NE	6	0	6	45	39	-		
Fanö ...														*					
Cuxhaven ...	30.82	?	E	3	0	30.22	- 07	46	45	+ 1	ESE	1	f	*	46	43	-		
†Sumburgh Head																			
†Stornoway ...	30.18	48	SE	6	b	30.20	+ 06	50	43	0	SSE	5	0	5	53	43	0.05		
Wick ...	30.34	48	SE	9	0	30.32	+ 04	48	44	- 1	SE	8	0	7	54	39	0.02		
Nairn ...	30.28	45	SE	4	b	30.24	+ 03	47	45	- 2	SSW	1	0	1	50	45	-		
†Aberdeen ...	30.34	47	SE	6	0	30.27	- 07	48	47	0	ESE	6	p	7	50	46	0.02		
Leith ...	30.24	49	8	6	0	30.15	- 10	50	47	+ 3	SE	2	0	*	50	45	0.03		
†Shields ...	30.20	47	ESE	6	0	30.11	- 17	49	46	+ 2	SE	6	0	5	50	46	0.06		
Spurn Head ...	30.14	48	E	5	b	30.08	- 22	48	46	+ 1	E	7	0	5	49	46	0.03		
York ...	30.14	46	E	2	n	30.06	- 22	46	43	+ 3	E	3	0	*	52	42	0.12		
Nottingham ...	30.18	45	E	4	b	30.00	- 25	45	42	+ 3	ESE	4	0	*	52	41	0.01		
†Ardrossan ...	30.14	47	E	4	b	30.08	- 13	49	46	+ 2	ESE	3	0	2	50	43	0.01		
†Mullaghmore ...	29.84	47	ESE	7	8 m	29.80	- 08	48	45	0	E	6	0	5	52	45	0.21		
Donaghadee ...	30.07	49	SE	9	b	29.98	- 13	47	45	- 1	SE	8	0	6	51	45	0.01		
Parsonstown ...	29.81	47	ESE	6	c	29.74	- 11	46	41	- 2	E	5	0	*	52	44	-		
Barrow-in-Furness	30.12	45	ESE	5	b	29.98	- 22	46	43	+ 1	ESE	6	0	5	51	44	-		
†Holyhead ...	30.01	46	E	6	b	29.88	- 18	46	46	+ 1	E	7	0	5	50	43	-		
Liverpool (Bidston)	30.07	45	E	4	b	29.93	- 23	44	41	+ 1	ESE	6	0	3	48	43	-		
†Valentia ...	29.87	49	E	8	8 m	29.52	- 07	49	48	- 5	E	6	0	6	55	47	0.10		
Roche's Point...	29.71	52	SE	8	0	29.57	- 16	50	48	- 3	ESE	8	0	6	55	48	0.25		
Pembroke ...	29.88	48	ESE	8	b	29.68	- 27	45	41	- 3	E	7	0	6	50	44	-		
†Scilly ...																			
Prawle Point ...	29.84	49	E	9	0	29.62	- 37	48	46	0	E	9	0	8	51	44	-		
Hurst Castle ...	29.98	48	ESE	6	0	29.76	- 35	46	45	- 1	SE	7	0	6	50	45	-		
†Dover ...	30.06	48	ESE	5	b	29.89	- 30	46	43	+ 1	ESE	5	0	4	48	44	-		
†London ...	30.05	48	E	5	b	29.89	- 32	44	41	+ 4	E	5	0	6	51	40	-		
Oxford ...	30.08	39	ESE	2	b	29.87	- 32	43	40	+ 3	ESE	5	0	6	49	35	-		
Cambridge ...	30.15	49	E	1	c	29.95	- 29	44	41	+ 3	E	1	0	*	52	37	-		
Yarmouth ...	30.12	48	E	6	c	30.00	- 24	47	44	0	E	7	0	6	49	45	0.06		
The Heider ...	30.15	45	E	1	b	30.13	- 16	42	40	0	E	4	0	2	46	41	0.04		
Cape Gris Nez ...	30.06	44	ESE	5	b	29.89	- 30	36	36	+ 3	ESE	5	0	3	50	32	-		
†Jersey ...																			
†Brest ...	29.73	50	SE	5	n	29.51	- 32	42	41	- 2	SE	4	0	5	54	41	0.43		
Lorient ...	29.92	51	SE	8	0	29.45	- 42	42	40	+ 2	ESE	8	0	4	54	37	0.04		
†Rochefort ...	29.69	54	E	7	b	29.62	- 22	51	50	+ 13	?	5	0	2	?	34	0.32		
Biarritz ...	29.63	73	S	1	c	29.52	- 21	64	59	+ 3	SSW	5	0	4	75	57	0.16		
Corunna ...	*	*	*	*	*									*	*	*	*		
Brussels ...	*	*	*	*	*	29.93	- 29	37	35	+ 5	E	5	0	6	47	?	-		
Charleville ...	30.09	40	SE	4	b	29.97	- 20	39	32	+ 4	SE	4	0	6	53	34	-		
Paris ...	29.96	43	NNE	4	b	29.78	- 33	39	36	+ 2	ESE	4	0	*	*	*	-		
Lyons ...														*					
Toulon ...	29.91	47	E	9	0	29.89	- 04	49	45	+ 1	E	9	0	7	52	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.91	41	ESE	2	0	28.76	- 22	40	39	+ 1	SE	3	0	6	45	37	0.21		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.			
Skudesnaes ...	30.56	53	44	2	0	6	2	Valentia ...	29.59	54	50	E	8	0	9	7
Sumburgh Head								Scilly ...								
Stornoway ...	30.16	52	48	SSE	6	6	5	Dover ..	30.12	48	43	ESE	5	6	4	*
Aberdeen ...	30.34	43	45	SE	6	n	5	London ...	30.11	43	42	E	5	6	0	*
Shields ...	30.25	50	46	SE	6	0	4	Yarmouth ...	30.18	48	44	E	5	6	0	4
Ardrossan ...	30.17	49	44	ESE	4	0	3	Jersey ...	29.92	48	42	E	5	6	0	4
Mullaghmore ...	29.87	51	46	SE	7	c m	6	Roche fort ...	29.77	59	48	E	7	6	2	
Holyhead ...	30.02	50	49	E	4	6	3									

The depression off the S. of Ireland seems to be travelling south so that the barometer has fallen over France and England while it is still rising in Scotland and is beginning to recover in Ireland. An E³ gale is blowing in the SW. The weather remains fine except at Aberdeen.

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. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
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 † 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 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

FRIDAY 21ST OCTOBER.

1881.

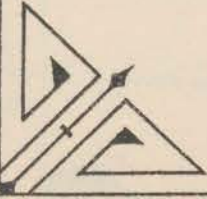
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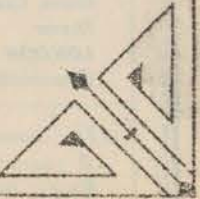
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Friday 21st OCTOBER 1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10;
 — force 8 to 10;
 — force 5 to 7;
 — force 1 to 4;
 ☉ = dead calm.

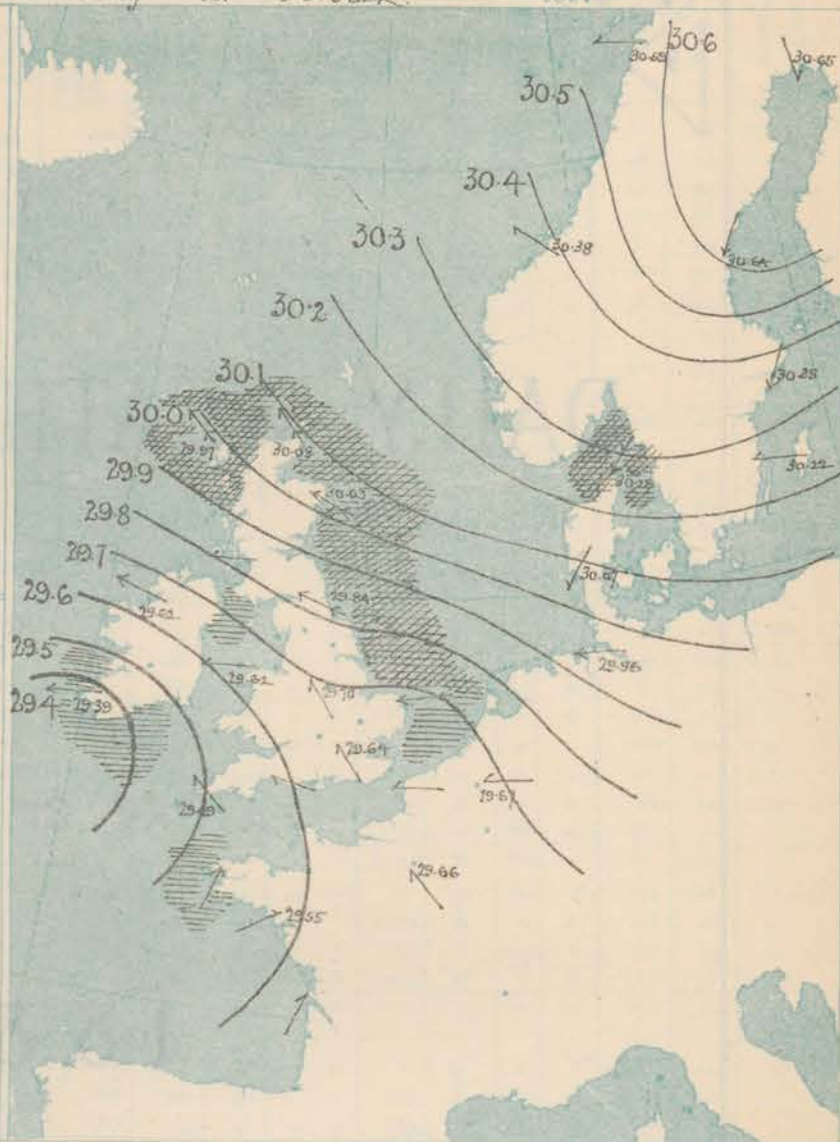
Sea Disturbance; where considerable is shown by shading round the coast; thus = rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings Ins.
Nairn	29.727
Aberdeen	29.738
Leith	29.770
Scarborough	29.847
Ardrossan	29.792
Greenacastle	29.784
Holyhead	29.830
Valentia	29.862
Roche's Pt.	29.827
Plymouth	29.820
LONDON	29.907
Yarmouth	29.802

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for FRIDAY 21st OCT^r 1881 at 8 a.m.

The large depression noticed in the south-west seems to be now travelling a little westward out over the Atlantic, so that a slight recovery has commenced over Devon and Cornwall and the north-coast of France, but in all other parts of Western Europe the mercury still falls. A slight local depression seems to have been formed in the south-east, while the anti-cyclone in the extreme north still holds there. The wind has shifted to SW. over the Bay of Biscay, but remains E⁺ in all other parts of the country, and NE⁺ in Scandinavia. It has fallen light over the south of England, but still blows strongly or with the force of a gale in other districts. The weather has become cloudy or dull except in Denmark and the W. of France, and rain is falling over nearly the whole of England. Rain has fallen except in the N. and NE. Temperatures have risen fast over the Bay of Biscay, and slightly at our southern stations, but has changed very little elsewhere; readings range from 54° at Yarmouth to 44° at Oxford, while the maxima yesterday were between 47° and 55°. The sea is exceedingly rough in the NE., rough in the E. and SW.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

22nd OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	E ⁺ and SE ⁺ gales, subsiding to strong winds, dull, some rain.
1	SCOTLAND EAST	D ⁺ D ⁺ D ⁺
2	ENGLAND N.E.	D ⁺ D ⁺ D ⁺
3	ENGLAND EAST	E ⁺ gales then strong winds; dull, misty rain.
4	MIDLAND COUNTIES	E ⁺ fresh winds, dull, slight rain.
5	ENGLAND SOUTH	E ⁺ winds, moderate; cloudy, dull, misty rain, much milder.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	E ⁺ winds, fresh; dull, slight rain.
7	ENGLAND N.W.	Same as N ^o 3.
8	ENGLAND S.W.	SE ⁺ to SW ⁺ winds, moderate; cloudy, much milder.
9	IRELAND NORTH	Same as N ^o 0 to 2.
10	IRELAND SOUTH	E ⁺ winds, strong to moderate; dull, rain, milder.
WARNINGS		The signals are still flying in all excepting districts 4 and 6.

METEOROLOGICAL OBSERVATIONS FOR

21st OCT

1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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 ...	30.74	33	2	0	0	30.65	-08	29	28	-5	N	2	0	*	36	7	-	
Hernösand ...	30.70	37	NE	6	0	30.64	-03	36	35	-3	NNE	6	0	*	45	34	-	
Stockholm ...	30.88	39	NNE	4	0	30.35	-10	36	35	-4	NNE	4	0	*	46	?	-	
Wisby ...	30.26	42	E	4	0	30.22	-18	41	39	-3	E	4	0	*	46	41	0.08	
Bodö ...	30.58	46	E	2	6	30.59	-08	41	40	-5	E	2	6	1	50	41	-	
Christiansund...	30.38	48	ENE	2	6	30.38	-14	45	39	-2	ESE	4	6	2	52	36	-	
†Skudesnaes ...																		
Oxö (Christiansund)...	30.38	48	NE	8	0	30.30	-17	42	40	0	NE	8	0	4	48	34	-	
Skagen (The Skaw)	30.32	47	NE	7	6	30.28	-18	41	37	-2	NE	8	6	7	?	39	-	
Fanö ...	30.15	44	ENE	4	0	30.07	-22	42	41	-2	NE	5	6	*	46	41	-	
Cuxhaven ...	30.05	?	E	5	6	29.96	-26	44	43	-2	E	5	6	*	46	41	0.08	
†Sumburgh Head																		
†Stornoway ...	30.12	49	ESE	7	0	29.97	-23	48	46	-2	SE	9	0	7	51	45	-	
Wick ...	30.22	46	SE	7	0	30.08	-24	49	47	+1	SE	8	0	7	49	40	-	
Nairn ...	30.11	45	SE	4	0	30.02	-22	46	44	-1	ESE	2	0	1	47	45	-	
†Aberdeen ...	30.15	47	ESE	6	0	30.08	-24	48	46	0	ESE	8	0	8	49	46	0.06	
Leith ...	29.99	49	SE	6	0	29.89	-26	48	45	-2	ESE	5	0	*	55	44	0.11	
†Shields ...	29.96	49	ESE	5	0	29.84	-27	48	46	-1	ESE	8	0	7	50	46	0.32	
Spurn Head ...	29.85	48	E	8	0	29.71	-32	49	47	+1	E	8	0	6	50	47	-	
York ...	29.92	46	E	2	0	29.77	-29	48	47	+2	E	3	0	*	49	44	-	
Nottingham ...	29.81	44	E	5	0	29.70	-30	46	45	+1	SE	3	0	*	52	42	0.17	
†Ardrossan ...	29.92	49	E	5	0	29.81	-27	48	46	-1	E	5	0	3	51	43	-	
†Mullaghmore ...	29.71	48	ESE	7	0	29.62	-18	46	44	-2	ESE	6	0	4	51	45	-	
Donaghadee ...	29.84	50	ESE	7	0	29.72	-26	50	49	+3	E	7	0	5	52	46	0.02	
Parsonstown ...	29.65	47	E	4	0	29.56	-18	45	42	-1	ESE	1	0	*	51	41	-	
Barrow-in-Furness	29.84	45	ENE	5	0	29.71	-27	48	45	+2	ENE	5	0	3	51	44	-	
†Holyhead ...	29.73	47	E	7	0	29.62	-26	46	46	0	E	6	0	4	51	45	0.03	
Liverpool (Bidston)	29.78	44	ENE	5	0	29.68	-25	45	44	+1	NE	4	0	3	49	43	0.02	
†Valentia ...	29.48	49	E	7	0	29.39	-13	50	49	+1	E	7	0	6	52	48	0.02	
Roche's Point...	29.51	49	ESE	8	0	29.43	-14	50	49	0	ESE	6	0	5	55	46	0.45	
Pembroke ...																		
†Scilly ...																		
Pravle Point ...	29.49	49	E	8	0	29.52	-10	52	52	+4	ESE	3	0	4	53	47	0.25	
Hurst Castle ...	29.63	48	ESE	8	0	29.63	-13	48	47	+2	ESE	4	0	4	50	45	0.07	
†Dover ...	29.70	50	ESE	6	0	29.63	-26	45	45	-1	ESE	3	0	3	50	45	0.28	
†London ...	29.72	46	E	5	0	29.64	-25	44	44	0	SE	1	0	*	53	44	0.29	
Oxford ...	29.68	44	ENE	5	0	29.63	-24	44	43	+1	ENE	1	0	*	54	41	-	
Cambridge ...	29.77	44	E	1	0	29.66	-29	46	45	+2	E	1	0	*	52	38	0.27	
†Yarmouth ...	29.83	48	E	7	0	29.69	-31	49	47	+2	E	8	0	6	49	46	-	
The Helder ...																		
Cape Gris Nez ...	29.70	44	ENE	5	0	29.65	-24	43	42	+7	E	4	0	3	50	36	?	
†Jersey ...																		
Brest ...	29.44	49	SE	4	0	29.52	+01	55	51	+13	SW	5	0	5	54	41	0.43	
Lorient ...	29.40	48	E	4	0	29.55	+10	53	51	+13	WSW	4	0	4	52	39	0.28	
†Rochefort ...	29.52	55	SW	8	0	29.67	+03	55	54	+4	SW	4	0	2	61	46	0.55	
Biarritz ...																		
Corunna ...	*	*	*	*	*			*						*	*	*		
Brussels ...	*	*	*	*	*	29.67	-26	42	41	+5	E	3	0	*	49	?	0.04	
Charleville ...	29.81	40	WSW	8	0	29.65	-32	41	39	+2	SE	4	0	*	?	32	0.55	
Paris ...	29.60	42	ENE	3	0	29.66	-12	47	46	+8	SE	4	0	*	*	*	0.12	
Lyons ...														*				
†Toulon ...	29.82	48	E	9	0	29.70	-19	48	46	-1	NNW	3	0	5	48	46	0.95	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.76	40	SE	3	0	28.50	-26	44	44	+4	E	5	0	*	44	39	0.06	

HIGH LEVEL STATION.

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

Hawes Junction	28.76	40	SE	3	0	28.50	-26	44	44	+4	E	5	0	44	39	0.06
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes							Valentia	29.49	51	47	E	8	omg
Sumburgh Head							Scilly						
Stornoway	30.16	50	49	ESE	7	0	Dover	29.75	49	44	ESE	5	6
Aberdeen	30.21	48	47	ESE	6	0	London	29.75	51	45	ESE	4	6
Shields	30.02	48	48	ESE	4	0	Yarmouth	29.89	48	45	E	7	6
Ardrossan	30.00	51	48	SE	4	0	Jersey						
Mullaghmore	29.75	50	46	ESE	9	6	Rochefort	29.52	59	48	SW	5	2
Holyhead	29.79	51	51	E	7	6							

Pressure is decreasing slowly and uniformly everywhere. The wind remains E^{ly} and strong to a gale, while the weather is fine and bright generally, though rain is reported on our NE. coast.

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. 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 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

SATURDAY, 22nd OCTOBER.

1881.

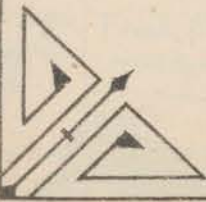
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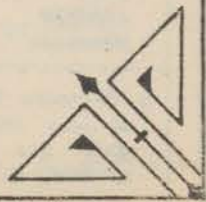
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, Lich. 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY, 22nd OCTOBER 1881

BAROMETER, WIND & SEA.

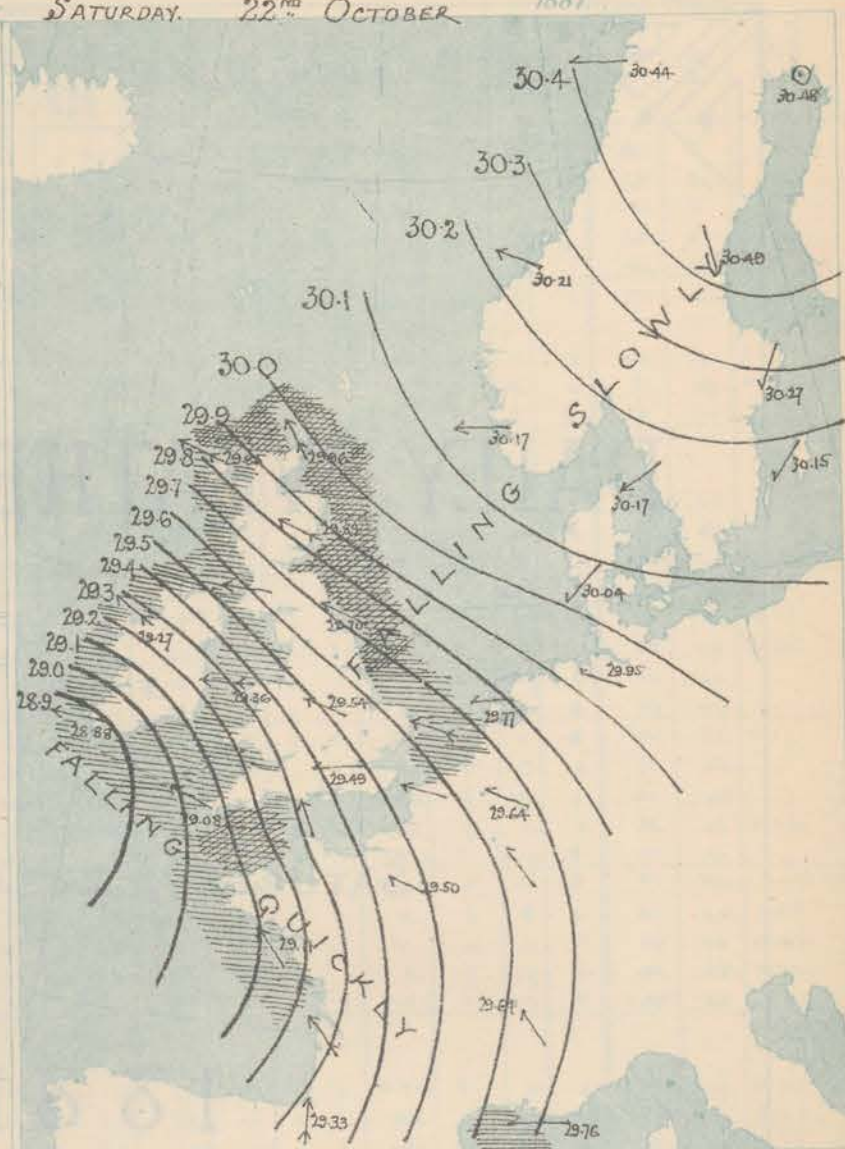
Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
 Changes in height of barometer since previous morning are stated in words.
 Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4;
 ○ Dead calm.
 Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High

MEAN* HEIGHT of the BAROMETER for the month of October

Stations	Mean Readings in.
Nairn	29.724
Aberdeen	29.738
Leith	29.776
Scarborough	29.877
Ardrrossan	29.792
Greenacastle	29.784
Holyhead	29.820
Valentia	29.867
Roch's Pt.	29.877
Plymouth	29.930
LONDON	29.967
Yarmouth	29.897

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

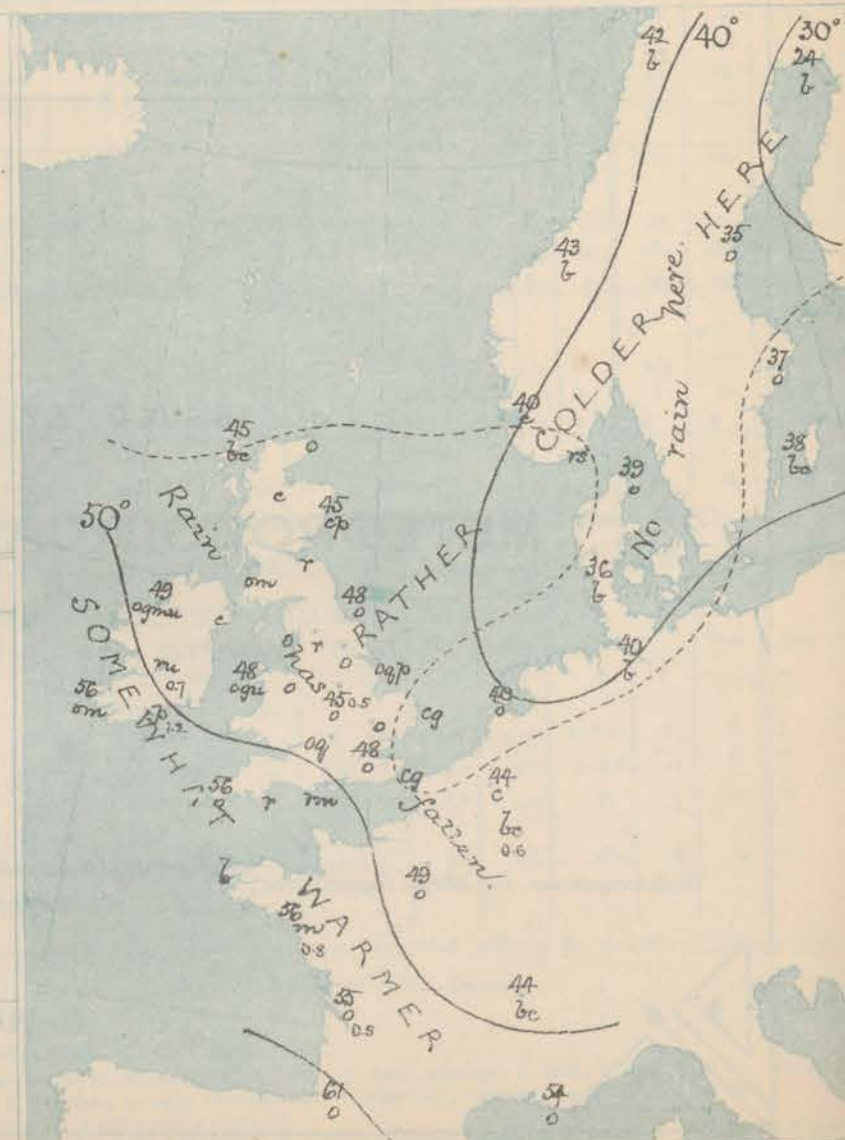
Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
 Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
 Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
 Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of October

Stations	Temp	Rain-fall
Sumburgh Head	46.4	2.64
Stornoway	46.6	4.88
Aberdeen	47.4	3.24
Shields	49.3	2.61
Kirk	49.9	2.86
Mullaghmore	49.1	?
Holyhead	51.3	6.44
Parsonstown	50.2	3.61
Valentia	51.4	7.11
Sally (St Mary's)	54.6	4.91
Hurst Castle	51.3	?
Dover	52.0	3.26
LONDON	52.3	2.84
Wormouth	51.6	2.87

* The mean Temperatures are those for the 27 years 1857-83, the mean amounts of Rain are those for the 10 years 1866 to 1875, &c.



REMARKS

for *Saturday 22nd OCT^r 1881 at 8 a.m.*

The barometer is falling this morning in all parts of Western Europe, though in Scandinavia the change has been slight. On our south-west coasts on the contrary the mercury has fallen about half an inch and the area of low pressure, in which readings are now as low as 28.9 ins: still lies off the south of Ireland. Gradients have consequently again increased, and the SE^{ly} to E^{ly} winds which are still reported all round our coasts blow strongly or with the force of a gale everywhere. Temperature has fallen all over Scandinavia, Denmark and the northern part of these Islands, but in the west and south an increase of a few degrees has occurred and readings now range from 56° at Valencia and Falmouth to 41° at Ainar. The maxima were between 46° and 56°. The weather remains fine in part of Scandinavia and Denmark, but the sky is generally cloudy or overcast with rain in several places. The sea is rough generally and exceedingly high on our north-East coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23rd OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Strong winds and gales between
E. and SE; dull, squally weather, with
showers of rain.

2 SCOTLAND
EAST

--- D° --- D° --- D° ---

3 ENGLAND
N.E.

--- D° --- D° --- D° ---

4 ENGLAND
EAST

--- D° --- D° --- D° ---

5 MIDLAND
COUNTIES

Fresh E^{ly} winds, dull, some rain,
milder.

6 ENGLAND
SOUTH

SE^{ly} winds, fresh and strong; dull,
some rain, milder.

6 SCOTLAND
WEST

E^{ly} winds, rather strong, dull, some
rain.

7 ENGLAND
N.W.

Same as Nos 0 to 3.

8 ENGLAND
S.W.

SE^{ly} strong winds and gales; dull,
rain, milder.

9 IRELAND
NORTH

Same as Nos 0 to 3.

10 IRELAND
SOUTH

Same as Nos 0 to 3.

WARNINGS

The N. cone is still flying in districts
0 1 2 3 5 7 8 9 and 10.

METEOROLOGICAL OBSERVATIONS FOR

23^d OCT^r

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	30.50	26	Z	0	b	30.48	-.17	24	24	-5	Z	0	b	*	73	28	-		
Hernösand	30.48	33	NE	6	o	30.49	-.15	35	32	-1	N	4	o	*	89	25	-		
Stockholm	30.19	34	NE	4	o	30.27	-.08	37	36	+1	NE	4	o	*	87	34	0.04		
Wisby	30.12	40	NE	4	o	30.15	-.07	38	37	-3	E. N. E.	4	bc	*	45	37	0.08		
Bodö	30.48	40	E	2	b	30.44	-.15	42	40	+1	E	2	b	1	45	37	-		
Christiansund	30.25	43	ESE	4	b	30.21	-.17	43	36	-2	ESE	5	b	2	50	30	-		
† Skudesnæs	30.26	41	E	6	b	30.17	-.17	40	34	-	E	6	b	4	48	?	-		
Oxö (Xiänsund)	30.24	40	N. N. E.	6	o	30.15	-.15	35	34	-7	N. N. E.	8	N. S.	4	43	34	0.08		
Skagen (The Skaw)	30.23	39	NE	7	e	30.17	-.11	39	37	-2	E. N. E.	5	o	4	43	36	-		
Fanö	30.05	42	E. N. E.	5	e	30.04	-.08	36	35	-6	E. N. E.	4	b	*	46	36	-		
Cuxhaven	29.91	?	E	4	bc	29.95	-.01	40	39	-4	ESE	2	b	*	46	37	-		
† Sumburgh Head																			
† Stornoway	29.95	47	ESE	8	e	29.85	-.12	45	43	-3	ESE	8	bc	7	50	40	-		
Wick	30.10	55	ESE	9	e	29.95	-.18	45	42	-4	SE	8	o	8	50	40	0.08		
Nairn	30.00	52	ESE	5	b	29.87	-.15	41	39	-5	ESE	2	o	2	47	41	0.02		
† Aberdeen	30.02	46	ESE	8	c p	29.89	-.14	45	43	-3	ESE	8	c p	8	49	43	0.07		
Leith	29.80	47	SE	8	a	29.78	-.14	44	43	-4	SE	6	a	*	50	42	0.07		
† Shields	29.82	47	ESE	8	o	29.70	-.14	48	46	0	ESE	7	o	8	50	46	0.10		
Spurn Head	29.71	48	E	8	o	29.59	-.12	47	46	-2	E	8	o p	6	49	46	0.01		
York	29.76	47	SE	3	o	29.64	-.13	47	45	-1	E	4	o	*	48	44	0.08		
Nottingham	29.70	46	ESE	3	o	29.54	-.16	45	45	-1	ESE	6	o	*	46	44	0.52		
† Ardrossan	29.75	?	E	5	o m	29.64	-.17	47	45	-1	E	5	o m	4	?	45	-		
† Mullaghmore	29.52	49	ESE	7	o	29.27	-.25	49	46	+3	ESE	9	g m	6	50	45	0.01		
Donaghadee	29.68	50	SE	8	e	29.47	-.23	50	46	0	ESE	7	e	5	53	45	0.06		
Parsonstown	29.46	50	SE	3	o	29.15	-.31	48	46	+3	E	4	N. W.	*	50	44	0.66		
Barrow-in-Furness	29.68	46	E. N. E.	6	a	29.54	-.17	47	44	-1	E. N. E.	6	o	4	49	45	0.15		
† Holyhead	29.58	45	E	6	e	29.36	-.26	48	48	+2	E	8	o p	6	49	45	0.02		
Liverpool (Bidston)	29.65	47	E	8	o	29.45	-.20	47	45	+2	E. N. E.	6	o	4	47	45	0.33		
† Valencia	29.22	58	E	7	o	28.88	-.34	50	54	+6	E	6	o m	6	57	50	0.14		
Roche's Point	29.30	53	ESE	6	e	28.97	-.33	55	54	+5	SE	8	p	6	57	49	1.22		
Pembroke																			
† Scilly																			
Prawle Point	29.48	52	E	4	o	29.17	-.35	53	53	+1	ESE	7	N	7	56	52	0.17		
Hurst Castle	29.58	50	ESE	4	e	29.33	-.25	51	51	+3	ESE	6	N. W.	4	52	47	0.06		
† Dover	29.65	48	ESE	2	o	29.32	-.33	49	47	+4	ESE	5	e g	4	50	45	0.04		
† London	29.67	47	E	2	o N	29.49	-.18	48	46	+4	E	4	o	*	52	44	0.01		
Oxford	29.63	47	E	2	o	29.43	-.20	49	47	+5	E	6	o g	*	49	44	0.01		
Cambridge	29.67	46	E	1	a	29.58	-.13	48	47	+2	E	1	o	*	49	45	0.43		
† Yarmouth	29.71	47	E	7	e	29.62	-.09	48	46	-1	ESE	8	e g	6	49	45	-		
The Helder	29.82	43	E	4	o	29.77	-.05	40	38	-3	E	4	o	3	45	39	-		
Cape Gris Nez	29.67	46	SE	3	f	29.57	-.10	46	45	+3	ESE	5	m	3	50	43	-		
† Jersey																			
Brest	29.36	58	ESE	7	N	29.04	-.32	57	56	+2	SE	7	b	4	59	54	0.08		
Lorient	29.41	57	S	7	N	29.11	-.30	56	55	+1	SE	7	m	5	63	52	0.75		
† Rochefort	29.57	58	SE	7	N	29.29	-.28	55	54	0	SE	6	o	4	64	50	0.47		
Biarritz	29.36	58	S	5	N	29.33	-.03	61	56	+5	S	5	o	4	63	54	0.32		
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	29.64	-.03	44	43	+2	ESE	3	e	*	45	32	0.16		
Charleville	29.71	43	ESE	4	N	29.64	-.07	43	40	+2	SE	7	bc	*	45	39	0.59		
Paris	29.64	51	Z	0	o	29.50	-.14	49	47	+2	ESE	4	o	*	*	*	0.04		
Lyons	29.77	50	S	1	b	29.64	-.13	44	43	+3	ESE	1	bc	*	54	39	-		
Toulon	29.76	55	W	7	b	29.76	0.00	54	53	+6	E	1	o	5	61	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.49	42	E	4	o	28.37	-.13	40	40	-4	ESE	4	N	*	44	39	0.25		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.				
Skudesnaes ...	30.30	48	40	SE	4	bc	4	Valencia ...	29.29	56	53	E	5	e	5		
Sumburgh Head								Scilly ...									
Stornoway ...	29.97	49	47	SE	9	e	7	Dover ..	29.65	47	46	a	2	o g	2		
Aberdeen ...	30.03	48	44	e	8	o	8	London ...	29.65	48	47	ESE	3	o	*		
Shields ...	29.84	49	48	ESE	7	o	7	Yarmouth ...	29.71	48	47	E	7	e	6		
Ardrossan ...	29.75	?	?	E	7	o	4	Jersey ...									
Mullaghmore ...	29.55	50	47	ESE	6	o m	5	Rochefort	29.61	62	58	SEW	7	e	2		
Holyhead ...	29.59	48	48	E	6	o	4	Ben Nevis (4406 ft.) Barometer 21.5							Mon	Min	Rain
								?	30	30	E	9	o g	43	24	11	

A fresh decrease of pressure has commenced since the morning at Valencia, but elsewhere there has been very little change. The wind remains E and still blows a gale at Aberdeen while the sky continues overcast and the weather unsettled.

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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY, 23RD OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday 23rd October 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ☉ — dead calm.

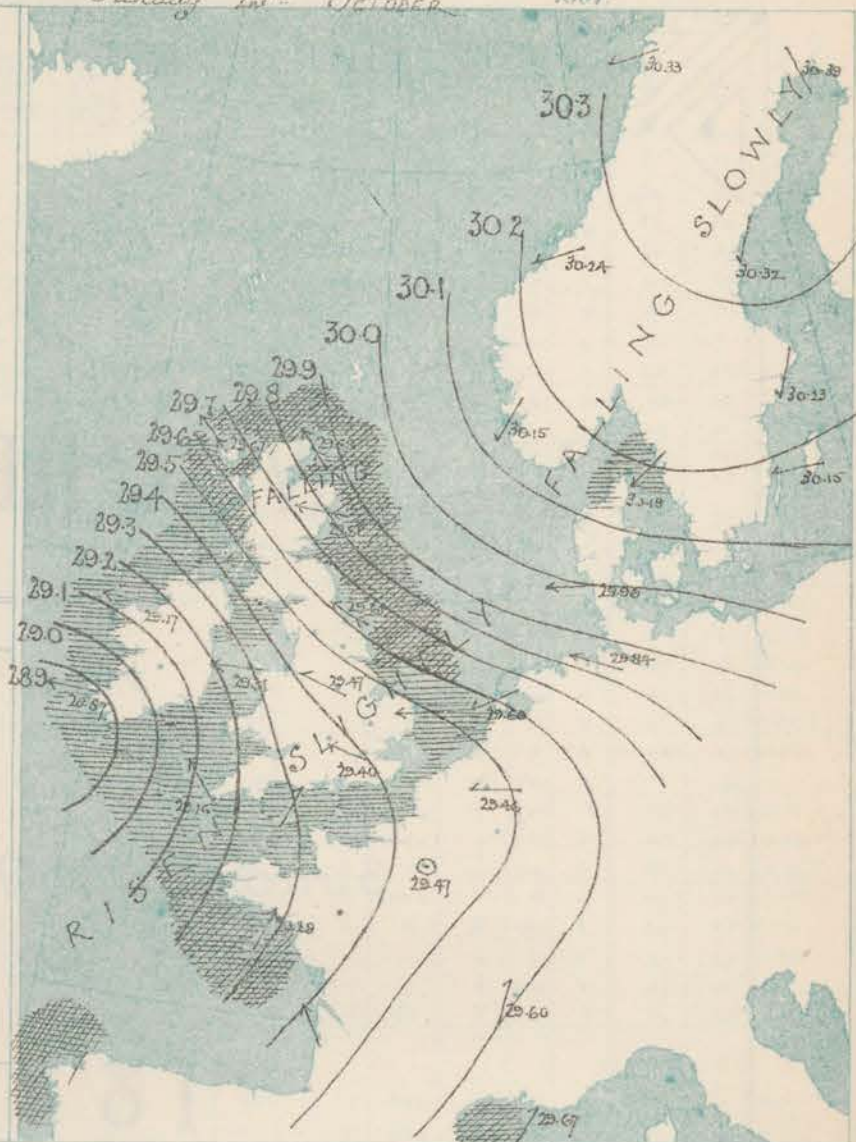
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings in.
Nairn	29.724
Aberdeen	29.738
Leith	29.770
Scarborough	30.642
Ardrossan	29.792
Greenock	29.781
Holyhead	29.630
Valentia	29.852
Roche's Pt.	29.827
Plymouth	30.920
LONDON	29.907
Yarmouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

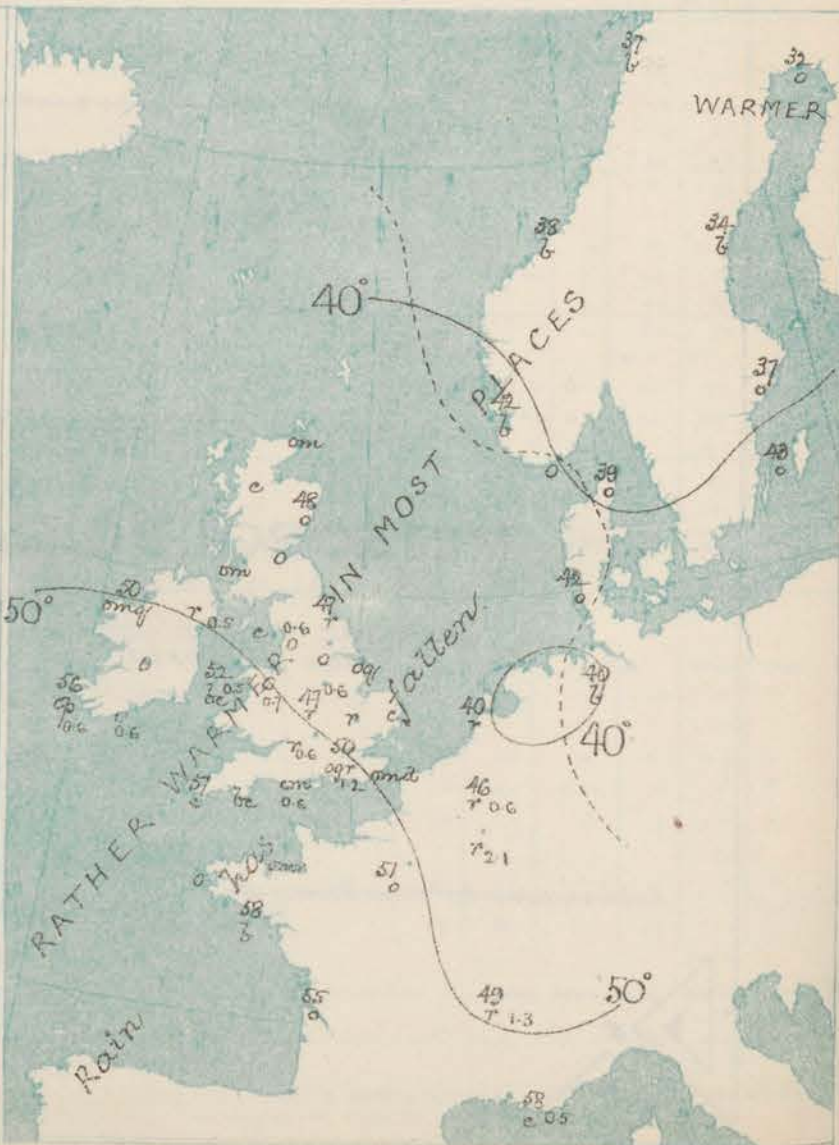
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* of TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall
		ins.
Sambrugh Head	46.4	2.63
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.67
York	49.9	2.85
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Parsonstown	50.2	3.63
Valentia	51.4	7.11
Sally (St Mary's)	54.6	4.91
Hurvet Castle	53.3	?
Dover	53.0	7.26
LONDON	52.3	2.84
Wormouth	51.6	2.87

* The mean Temperatures are those for the 3 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1874.



REMARKS

for Sunday 23rd OCT. 1881. at 8 a.m.

The weather is on the whole quieter than it has been of late. The barometer is rising in all parts of these Islands and falling over Scandinavia, changes which ^{have} resulted in a decrease in the steepness of gradient generally. The depression which is however still shown in the SW causes strong Est winds and gales in the NW. and N., though in the SW, S., and SE, the wind has veered to SE and S. and is decreasing in force. In the extreme N. of Scotland exceedingly heavy gales still blow. Temperature has risen and ranged from 57° at Yarmouth to 45° at Narvik, but the state of the sky shows little change, dense cloud being reported generally, with very heavy rain over the East of England. In London the amount since yesterday morning exceeds an inch. The sea is rough to high all round our coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 23RD OCT. 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	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 ...	30.27	27	NY	2	b	30.39	- .09	32	32	+ 8	N	2	0	*	36	21	-		
Hernösand ...	30.43	28	Z	0	r	30.31	- .17	34	32	- 1	NNE	2	b	*	37	25	-		
Stockholm ...	30.30	38	ENE	6	o	30.23	- .04	37	36	0	NNE	2	o	*	39	34	-		
Wisby ...	30.24	43	ENE	6	o	30.15	- .09	43	42	+ 6	E	4	o	*	45	37	-		
Bodö ...	30.41	39	E	2	b	30.38	- .11	37	37	- 5	E	2	b	1	46	34	-		
Christiansund ...	30.29	41	ESE	5	b	30.24	+ .03	38	34	- 5	ENE	2	b	1	46	28	-		
†Skudesnaes ...	30.18	43	E	8	bc	30.15	- .02	42	37	+ 2	NE	4	b	4	43	?	-		
Oxö (Xiansund) ...	30.19	40	ENE	9	o	30.15	- .04	41	39	+ 6	NE	8	o	4	?	34	0.28		
Skagen (The Skaw) ...	30.23	44	ENE	7	o	30.19	+ .02	39	38	0	ENE	7	o	6	43	37	-		
Fanö ...	29.97	40	E	6	c	29.96	- .08	42	41	+ 6	E	5	o	*	45	?	0.04		
Cuxhaven ...	29.90	49	ESE	6	bc	29.84	- .11	40	38	0	ESE	6	b	*	?	37	-		
†Sumburgh Head ...	29.71	45	ESE	7	v	29.67	- .18	49	45	+ 4	SE	8	c	7	49	43	-		
†Stornoway ...	29.84	44	SE	5	v	29.88	- .07	47	45	+ 2	SE	10	om	9	48	43	0.12		
Wick ...	29.84	44	SE	5	v	29.88	- .07	47	45	+ 2	SE	10	om	9	48	43	0.12		
Nairn ...	29.75	41	ESE	4	o	29.73	- .14	45	43	+ 4	ESE	5	c	4	46	41	0.04		
†Aberdeen ...	29.77	44	ESE	8	r	29.81	- .08	48	45	+ 3	ESE	8	o	8	48	43	0.20		
Leith ...	29.60	47	SE	8	o	29.64	- .11	47	45	+ 3	E	7	o	*	48	43	0.14		
†Shields ...	29.53	47	SE	6	o	29.61	- .09	47	47	- 1	SE	8	r	8	47	46	0.40		
Spurn Head ...	29.41	45	ESE	9	r	29.47	- .12	47	46	0	E	9	og	7	48	45	0.25		
York ...	29.48	45	E	5	r	29.55	- .09	46	45	- 1	E	4	o	*	47	44	0.39		
Nottingham ...	29.35	46	E	7	r	29.47	- .07	47	47	+ 2	ESE	4	r	*	48	44	0.60		
†Ardrossan ...	29.47	45	E	8	o	29.49	- .15	49	46	+ 2	E	7	om	4	49	44	-		
†Mullaghmore ...	29.16	49	E	9	o	29.17	- .10	50	50	+ 1	E	6	gom	5	50	47	0.22		
Donaghadee ...	29.34	47	ESE	8	c	29.38	- .11	50	49	0	SE	8	r	6	52	45	0.52		
Parsonstown ...	29.07	48	E	3	o	29.51	- .03	50	53	+ 8	E	1	o	*	56	47	0.09		
Barrow-in-Furness ...	29.33	45	E	6	r	29.43	- .11	47	46	0	SE	6	o	5	49	45	0.09		
†Holyhead ...	29.18	46	E	7	o	29.31	- .05	52	52	+ 4	E	6	bc	4	53	46	0.50		
Liverpool (Bidston) ...	29.27	48	E	6	o	29.36	- .09	49	48	+ 2	E	5	o	4	49	46	0.69		
†Valentia ...	28.78	54	ENE	8	r	28.87	- .01	56	54	0	E	5	cp	5	58	51	0.58		
Roche's Point ...	28.83	55	ESE	8	r	28.96	- .01	56	55	+ 1	ESE	7	o	5	57	50	0.58		
Pembroke ...	28.95	50	E	7	r	29.11	- .06	56	53	-	SE	5	c	4	56	50	0.26		
†Scilly ...	29.03	55	SE	6	o	29.25	+ .08	56	55	+ 3	SSE	4	bc	6	57	52	0.10		
Prawle Point ...	29.03	55	SE	6	o	29.25	+ .08	56	55	+ 3	SSE	4	bc	6	57	52	0.10		
Hurst Castle ...	29.17	54	SSE	4	r	29.33	- .06	55	54	+ 4	SW	4	cm	5	56	50	0.55		
†Dover ...	29.34	51	SE	5	bc	29.41	- .11	57	50	+ 2	ESE	3	omd	3	53	49	0.19		
†London ...	29.29	48	ESE	5	o	29.40	- .09	50	50	+ 2	ESE	2	org	*	52	47	1.20		
Oxford ...	29.23	49	SE	4	o	29.37	- .06	52	52	+ 3	SE	1	r	*	52	48	0.59		
Cambridge ...	29.35	48	E	3	r	29.44	- .09	49	48	+ 1	E	1	r	*	50	46	0.30		
†Yarmouth ...	29.44	48	E	9	r	29.49	- .13	47	46	- 1	E	7	c	6	49	45	0.12		
The Helder ...	29.66	44	E	5	o	29.60	- .17	40	39	0	E	5	r	3	45	39	0.04		
Cape Gris Nez ...																			
†Jersey ...																			
Brest ...	29.00	59	S	7	r	29.19	+ .15	58	55	+ 1	SSW	7	o	8	59	55	0.46		
Lorient ...	29.06	57	SSW	9	r	29.28	+ .17	58	55	+ 2	SW	7	b	7	63	55	0.20		
†Rochefort ...	29.30	63	SW	8	o	29.41	+ .12	55	54	0	SSE	5	o	2	66	50	0.20		
Biarritz ...																			
Corunna ...	*	*	*	*	*	29.28	?	58	*	- 1	SSW	3	c	7	*	*	*		
Brussels ...	*	*	*	*	*	29.46	- .18	49	45	+ 2	ESE	1	r	*	51	44	0.55		
Charleville ...	29.32	49	S	7	r	29.45	- .19	49	47	+ 6	S	4	r	*	52	41	2.09		
Paris ...	29.41	50	E	1	o	29.47	- .03	51	50	+ 2	Z	0	o	*	*	*	0.16		
Lyons ...	29.42	60	S	11	o	29.60	- .04	49	48	+ 5	SSW	1	r	*	62	?	1.30		
Toulon ...	29.71	59	SE	5	r	29.57	- .09	51	55	+ 4	SW	4	c	6	59	54	0.47		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.20	46	ESE	4	r	28.27	- .10	42	42	+ 2	E	3	o	*	42	39	0.59		

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

Hawes Junction	28.20	44	ESE	4	r	28.27	- .10	42	42	+ 2	E	3	0	42	39	0.59			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes ...	30.18	42	37	E	6	0	Valentia ...	28.87	56	55	E	8	7
Sumburgh Head ...							Scilly ...						
Stornoway ...	29.76	47	45	ESE	7	bc	Dover ...	29.38	50	48	ESE	5	3
Aberdeen ...	29.80	46	43	ESE	8	p	London ...	29.34	49	48	E	7	*
Shields ...	29.61	47	45	SE	8	0	Yarmouth ...	29.31	48	46	ESE	8	6
Ardrossan ...	29.52	48	44	E	6	0	Jersey ...						
Mullaghmore ...	29.31	49	48	E	8	rg	Rochefort ...	29.26	64	59	S	9	7
Holyhead ...	29.26	47	47	E	7	ru	Ben Nevis 4406 ft.						
							Sam on 22 nd						

The barometer is still falling everywhere and the depression in the SW. is becoming very deep and large. E^l gales prevail almost all round our coast with squally, dull, rainy weather.

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. 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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY, 24TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS



for 8 a.m. on Monday 24th OCTOBER 1881.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * forces above 10; * forces 8 to 10
 — forces 5 to 7; — forces 1 to 4;
 © dead calm.

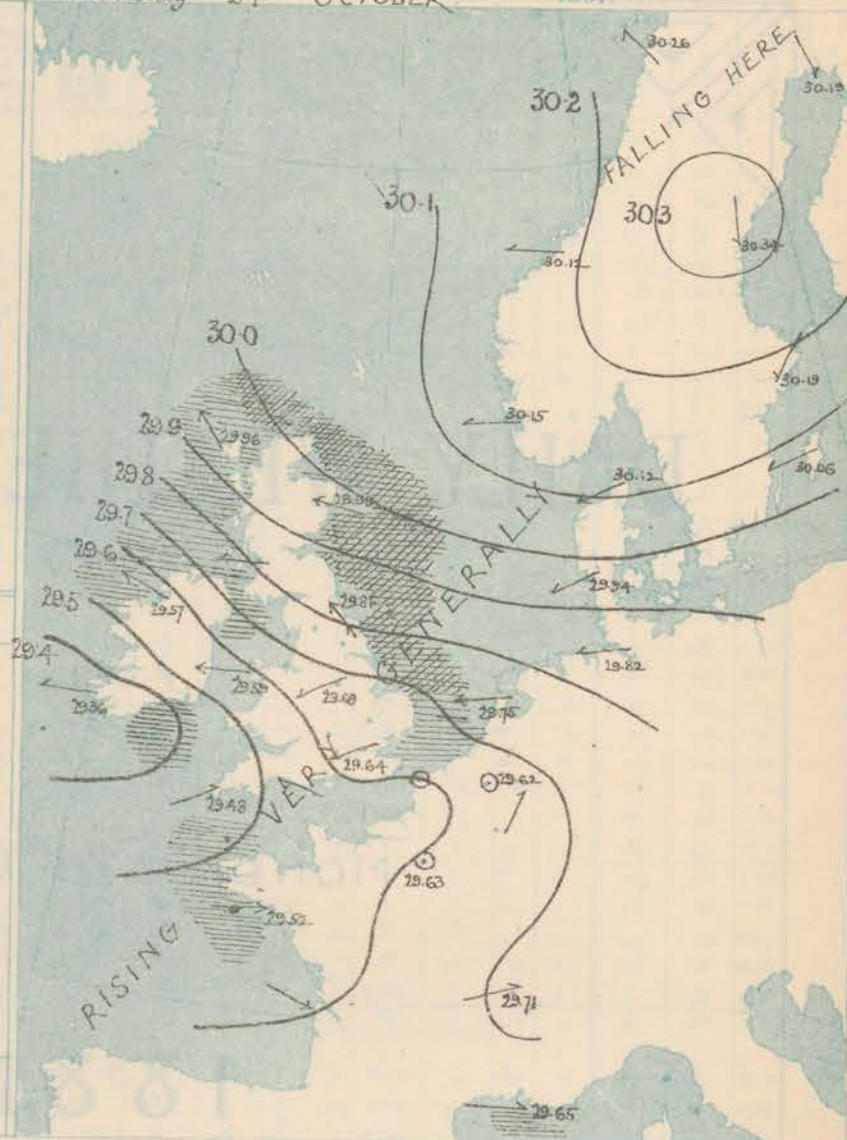
Sea Disturbance, where considerable, is shown by shading round the coast, thus:  Rough;  High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings in.
Nairn	29.731
Aberdeen	29.738
Leith	29.736
Scarborough	29.832
Ardrossan	29.792
Greencastle	29.784
Holyhead	29.620
Valentia	29.842
Roches Pt.	29.827
Plymouth	29.820
LONDON	29.807
Wormouth	29.832

* These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp.	Rain-fall
		ins.
Sunbury Head	46.4	2.64
Stornoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	49.3	2.61
York	49.9	2.85
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Parsonstown	50.2	3.63
Valentia	51.4	7.11
Sally (St Mary's)	54.6	2.01
Harst Castle	53.3	?
Dover	52.0	3.26
LONDON	52.3	1.84
Wormouth	51.6	2.87

* The mean Temperatures are those for the 13 years 1867-69; the mean amounts of Rain are those for the 10 years 1868 & 1874.



REMARKS

for MONDAY 24TH OCT^R 1887 at 8 a.m.

The depression in the southwest seems to be filling up, and the mercury is rising in all part of these islands and France, while in the north of Scandinavia a decrease is reported and the area of high pressure recently noticed there appears to be travelling somewhat S.W. At Limerick the barometer marks 30.34 ins. and at Valencia 29.36 ins. while over France small subsidiary depressions are lying. The wind is N^W over the Bay of Biscay and France, E² or ESE⁺ elsewhere; it is still strong in force on our E. and NW coasts, but the gales recently noticed have subsided, while all over the south of England the wind is very light. The weather is fine in the west of Scotland and at Holyhead, but in nearly all other places the sky is cloudy or overcast, with rain in several places. Rainfall in the S. of Ireland has been rather heavy, amounting to 0.75 in. at Hooker P. and 0.41 in. at Valencia. Temperature has fallen slightly in most places, and readings range from 58° at Valencia to 42° at Kairn. The maxima yesterday varied between 48° and 58°. The sea still runs exceedingly high in the NE., and rough in the NW. and at Yarmouth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
25TH OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ² winds, strong to a gale but gradually subsiding; cloudy, rain.
2 SCOTLAND EAST	— D° — D° — D° —
3 ENGLAND N.E.	— D° — D° — D° —
4 ENGLAND EAST	E ² winds, fresh or strong; dull, rainy then fair.
5 MIDLAND COUNTIES	E ² winds, moderate, probably veering to SE, dull and rain then fair.
6 ENGLAND SOUTH	E ² winds, moderate, probably veering to SE; dull and rain then fair.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ² winds, moderate and strong; cloudy, some rain.
7 ENGLAND N.W.	— D° — D° — D° —
8 ENGLAND S.W.	Variable to SW ² winds; dull, gloomy, rain.
9 IRELAND NORTH	E ² winds, fresh or strong then veering and moderating; dull, some rain.
10 IRELAND SOUTH	— D° — D° — D° —
WARNINGS	
The signals are still up in districts N° 0.1.2.7. and 9.	

METEOROLOGICAL OBSERVATIONS FOR

34th OCT. 1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	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 ...	30.40	32	N	2	0	30.19	- .20	30	30	- 2	NW	2	0	*	36	25	-	
Hernösand ...	30.44	38	NE	4	1	30.34	+ .02	34	33	0	N	2	0	*	39	23	0.04	
Stockholm ...	30.16	36	ENE	6	1	30.19	- .04	36	36	- 1	NE	4	2	*	41	36	0.04	
Wisby ...	30.06	43	ENE	4	0	30.06	- .09	39	38	- 4	ENE	4	0	*	46	?	0.04	
Bodö ...	30.34	40	NE	2	6	30.26	- .07	34	33	- 3	SE	1	6	0	48	34	-	
Christiansund...	30.18	41	ENE	1	6	30.12	- .12	44	38	+ 6	E	3	6	2	48	28	-	
†Skudesnaes ...	30.09	44	E	2	6	30.15	- .00	43	37	+ 1	E	4	6	3	55	41	-	
Oxö (Xiansund) ...	30.09	43	NNE	6	6	30.12	- .03	38	36	- 3	NNE	8	2	4	43	36	0.12	
Skagen (The Skaw)	30.13	39	ENE	7	0	30.12	- .07	39	37	0	ENE	6	0	6	41	37	-	
Fanö ...	29.92	44	E	6	0	29.94	- .02	41	40	- 1	ENE	4	0	*	45	39	-	
Cuxhaven ...	29.78	48	ESE	7	6	29.82	- .02	42	41	+ 2	E	4	6	*	?	37	-	
†Sumburgh Head																		
†Stornoway ...	29.84	48	ESE	7	6	29.96	+ .29	47	45	?	ESE	6	6	6	50	44	-	
Wick ...	29.97	46	E	9	0	30.05	+ .17	46	44	- 1	ESE	6	0	7	48	44	0.03	
Nairn ...	29.90	45	ESE	4	0	29.96	+ .23	42	40	- 3	ESE	2	6	2	48	42	-	
†Aberdeen ...	29.91	47	ESE	8	1	29.99	+ .18	46	44	- 2	ESE	7	0	7	49	44	0.06	
Leith ...	29.79	47	S	7	0	29.86	+ .22	46	44	- 1	S	6	2	*	49	42	0.02	
†Shields ...	29.71	47	SE	7	0	29.81	+ .20	47	45	0	SE	8	0	8	48	45	0.07	
Spurn Head ...	29.58	45	E	8	1	29.69	+ .22	46	44	- 1	E	7	0	7	47	44	0.12	
York ...	29.65	46	E	3	m	29.76	+ .21	45	44	- 1	ESE	2	2	*	47	43	0.19	
Nottingham ...	29.58	44	ENE	5	1	29.69	+ .22	44	44	- 3	ENE	2	0	*	48	42	0.12	
†Ardrossan ...	29.69	47	E	6	0	29.80	+ .31	46	44	- 3	E	4	6	3	55	43	-	
†Mullaghmore ...	29.40	50	E	5	0	29.57	+ .40	49	46	- 1	ESE	7	0	6	53	48	-	
Donaghadee ...	29.58	50	SE	7	0	29.70	+ .32	49	46	- 1	ESE	6	0	5	53	47	0.11	
Parsonstown ...	29.35	55	ESE	3	0	29.52	+ .40	48	46	- 8	E	2	0	*	58	47	0.02	
Barrow-in-Furness	29.57	47	ENE	6	0	29.69	+ .26	46	44	- 1	NE	5	0	5	48	45	0.12	
†Holyhead ...	29.44	47	E	6	6	29.59	+ .28	47	47	- 5	E	6	6	4	54	45	-	
Liverpool (Bidston)	29.55	46	ENE	5	0	29.66	+ .30	45	44	- 4	E	4	0	3	50	44	0.04	
†Valentia ...	29.14	56	ESE	5	1	29.26	+ .49	58	54	+ 2	E	3	0	3	59	54	0.41	
Roche's Point...	29.22	55	SE	6	1	29.36	+ .40	54	53	- 2	ESE	5	0	5	58	52	0.45	
Pembroke ...																		
†Scilly ...																		
Prairie Point ...	29.37	56	ESE	3	1	29.49	+ .24	55	55	- 1	ESE	1	0	4	58	54	0.21	
Hurst Castle ...	29.44	53	ESE	2	0	29.56	+ .23	51	51	- 4	ESE	4	0	3	59	46	0.14	
†Dover ...	29.47	52	NE	1	0	29.61	+ .20	50	49	- 1	E	3	0	2	53	50	0.32	
†London ...	29.50	50	ESE	2	0	29.64	+ .24	48	48	- 2	ENE	2	0	*	52	47	0.26	
Oxford ...	29.52	47	NE	1	0	29.63	+ .26	46	46	- 6	ENE	1	0	*	53	46	0.01	
Cambridge ...	29.52	47	E	1	1	29.63	+ .24	46	45	- 3	E	1	0	*	49	45	0.30	
†Yarmouth ...	29.54	47	E	6	1	29.68	+ .19	45	44	- 2	E	6	0	6	48	45	0.18	
The Helder ...	29.63	41	E	5	1	29.73	+ .13	40	38	0	E	5	0	3	41	39	0.35	
Cape Gris Nez	29.48	52	E	1	f	29.60		49	49		E	1	f	1	55	46	0.28	
†Jersey ...																		
Brest ...	29.37	58	SSW	4	0	29.52	+ .33	57	55	- 1	W	3	0	5	?	54	0.16	
Lorient ...	29.40	57	SW	7	0	29.52	+ .24	57	57	- 1	W	5	0	5	61	54	0.12	
†Rochefort ...	29.56	55	W	7	1	29.58	+ .17	57	57	- 2	WNW	7	0	2	66	48	0.24	
Biarritz ...																		
Corunna ...	*	*	*	*	*			*							*	*	*	
Brussels ...	*	*	*	*	*	29.62	+ .16	44	44	- 2	NNE	1	f	*	50	44	0.12	
Charleville ...	29.52	52	S	4	0	?	?	46	45	- 3	SSW	4	0	*	52	46	?	
Paris ...	29.49	52	S	3	0	29.63	+ .16	48	48	- 3	W	0	6	*	*	*	-	
Lyons ...	29.60	51	SSW	1	1	29.71	+ .11	50	49	+ 1	WSW	1	0	*	57	49	0.12	
Toulon ...	29.60	56	S	5	6	29.65	- .02	53	51	- 5	W	4	6	5	61	52	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.38	41	E	4	0	28.48	+ .21	41	40	- 1	E	4	0	*	42	39	0.23	

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...						Valentia ...					
Sumburgh Head ...						Scilly ...					
Stornoway ...						Dover ...					*
Aberdeen ...						London ...					
Shields ...						Yarmouth ...					
Ardrossan ...						Jersey ...					
Mullaghmore ...						Rochefort ...	29.46	64	60	NE	3 0 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 (hazy) 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 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

TUESDAY, 25TH OCTOBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT
(SECRETARY.)

REMARKS

for Tuesday 25th OCTOBER 1887, at 8 a.m.

During the past night a fresh depression has advanced over the Bay of Biscay, and has caused the mercury to fall over the whole of France, but in these Islands the increase of pressure noticed yesterday, has continued steadily, while in the countries to the eastward of the North Sea the barometer still falls. The area of highest readings is still shown over Scandinavia, but the depression in the south-west has entirely filled up. The new disturbance has caused the S^W and W^W winds in the south-west to disappear, and E^W winds, moderate to fresh in force again prevail on nearly all coasts. The sky has cleared considerably over the E^W and SE^W parts of England and in part of Scotland, but in Ireland, the south-west of England and west of France the weather is dull, and some rain is falling. Light rain has occurred in most places. Temperature has decreased at nearly all stations - the change being greatest in the south of England and north of France. Readings range from 58° at Valencia to 39° at Narvik. During yesterday the thermometers rose to 58° in south of Ireland, but did not exceed 53° except at our W^W and S^W stations. The sea is still moderate or rather rough at the more exposed stations, but is going down generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	E ^W breezes, moderate or light; cloudy and cool but fair.
2 SCOTLAND EAST	D ^W ----- D ^W ----- D ^W
3 ENGLAND N.E.	D ^W ----- D ^W ----- D ^W
4 ENGLAND EAST	Same as N ^o 5.
5 MIDLAND COUNTIES	Same as N ^o 5.
6 ENGLAND SOUTH	Moderate and fresh breezes between E and N; fair and cold then becoming dull and perhaps some rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^W winds, moderate; cloudy, cool.
7 ENGLAND N.W.	E ^W winds, moderate and fresh; fair, misty, cool.
8 ENGLAND S.W.	E ^W winds, fresh; dull, cold rain.
9 IRELAND NORTH	E ^W and ESE ^W winds, moderate and fresh; cloudy, dull, slight rain.
10 IRELAND SOUTH	D ^W ----- D ^W ----- D ^W

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

25th OCT^r 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.			
STATIONS.	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 ...																		
Hernösand ...																		
Stockholm ...																		
Wisby ...																		
Bodö ...																		
Christiansund...																		
†Skudesnaes ...																		
Oxö (Xiansund)...	30.12	39	NNE	6	c	30.02	- 10	36	34	- 2	NNE	4	0	3	57	34	0.08	
Skagen (The Skaw)	30.09	41	ENE	5	0	30.01	- 11	38	37	+ 1	ENE	5	0	4	41	37	-	
Fanö ...	29.93	39	NNE	4	0	29.88	- 06	39	37	- 2	NE	4	0	*	45	?	-	
Cuxhaven ...	29.83	49	ENE	5	h	29.75	- 07	44	43	+ 2	ENE	5	h	*	?	39	0.05	
†Sumburgh Head																		
†Stornoway ...	29.99	46	SE	5	b	30.07	+ 11	42	41	- 5	ESE	3	bc	3	49	40	-	
Wick ...	30.09	45	SSE	6	0	30.13	+ 08	45	44	- 1	SE	1	0	3	49	40	-	
Nairn ...	30.03	41	ESE	4	b	30.10	+ 14	39	37	- 3	SE	0	0	1	46	36	-	
†Aberdeen ...	30.05	45	ESE	7	0	30.08	+ 09	44	41	- 2	ENE	4	0	5	47	42	0.02	
Leith ...	29.94	46	S	5	c	30.03	+ 17	45	42	- 1	SSE	1	bc	*	49	42	0.01	
†Shields ...	29.89	47	SE	4	0	29.97	+ 16	45	43	- 2	E	4	0	6	48	42	0.05	
Spurn Head ...	29.79	47	E	6	0	29.85	+ 16	47	45	+ 1	NE	6	bc	5	48	35	-	
York ...	29.85	46	SE	1	0	29.93	+ 17	40	39	- 5	NE	1	bc	*	47	39	0.08	
Nottingham ...	29.81	45	ENE	3	0	29.88	+ 19	43	41	- 1	NE	3	bc	*	46	41	0.02	
†Ardrossan ...	29.86	47	E	4	om	30.03	+ 23	43	41	- 3	E	3	cm	2	49	40	-	
†Mullaghmore ...	29.63	49	ESE	6	c	29.84	+ 27	48	46	- 1	ESE	6	og	5	51	47	-	
Donaghadee ...	29.78	50	SE	6	c	29.95	+ 25	46	43	- 3	SE	5	0	3	50	45	-	
Parsonstown ...	29.60	50	SE	1	0	29.85	+ 33	48	45	0	E	1	og	*	51	47	0.01	
Barrow-in-Furness	29.78	46	ENE	6	0	29.92	+ 23	43	41	- 3	NE	3	bc	3	49	42	0.02	
†Holyhead ...	29.67	48	E	6	c	29.88	+ 29	46	44	- 1	E	4	bc	3	51	44	-	
Liverpool (Bidston)	29.75	46	E	4	0	29.90	+ 24	44	42	- 1	ENE	3	f	3	47	43	-	
†Valencia ...	29.48	55	SE	1	0	29.74	+ 38	50	49	- 8	SE	0	0	1	58	47	0.03	
Roche's Point...	29.49	55	ESE	4	0	29.74	+ 38	49	48	- 5	ESE	4	nm	4	58	48	0.35	
Pembroke ...	29.57	50	E	4	0	29.77	+ 30	45	43	- 4	E	4	0	3	51	44	0.13	
†Scilly ...																		
Prawle Point ...	29.59	55	SW	1	0	29.71	+ 22	46	45	+ 9	ENE	4	0	5	56	45	0.37	
Hurst Castle ...	29.64	50	ESE	5	0	29.74	+ 18	45	43	- 6	ENE	5	bc	4	53	48	0.02	
†Dover ...	29.70	49	ENE	4	og	29.72	+ 11	46	43	- 4	ENE	5	bc	3	51	44	0.02	
†London ...	29.72	48	E	4	0	29.77	+ 13	44	42	- 4	NE	3	0	*	49	40	-	
Oxford ...	29.73	45	ENE	3	0	29.82	+ 19	40	39	- 6	NE	2	0	*	49	38	-	
Cambridge ...	29.77	46	E	1	0	29.82	+ 14	41	41	- 5	ENE	1	bc	*	47	37	-	
†Yarmouth ...	29.77	46	E	6	c	29.78	+ 10	47	44	+ 2	ENE	5	bc	5	47	43	0.02	
The Helder ...	29.81	43	ENE	3	b	29.76	+ 03	42	41	+ 2	ENE	1	0	1	43	39	0.04	
Cape Gris Nez	29.68	45	ENE	4	f	29.70	+ 10	37	37	- 12	ENE	4	bc	2	52	37	-	
†Jersey ...																		
Brest ...	29.59	57	SW	1	0	29.57	+ 05	54	52	- 3	E	1	0	3	59	52	0.12	
Lorient ...	29.60	57	WSW	4	m	29.52	+ 01	54	53	- 3	E	4	h	4	61	52	0.08	
†Rochefort ...	29.72	59	W	4	0	29.54	- 04	54	54	- 5	SSE	5	h	2	64	50	0.20	
Biarritz ...	29.80	62	SSW	4	0	29.52	- 25	60	57	+ 1	S	4	0	4	64	52	0.08	
Corunna ...	*	*	*	*	*			*	*						*	*	*	
Brussels ...	*	*	*	*	*	29.70	+ 08	39	38	- 5	NE	5	0	*	45	37	-	
Charleville ...	29.63	51	SE	4	c	29.58	?	38	36	- 8	SE	7	bc	*	66	38	0.59	
Paris ...	29.66	55	SSE	1	0	29.63	- 00	43	41	- 5	ENE	3	h	*	*	*	-	
Lyons ...	29.71	55	S	1	0	29.60	- 11	48	48	- 2	WNW	1	f	*	62	47	-	
Toulon ...	29.65	56	W	2	b	29.58	- 07	54	?	+ 1	WNW	4	bc	5	63	52	-	

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

Hawes Junction	28.58	41	ESE	3	0		28.67	+19	39	38	-2	E	4	0	*	42	37	0.09
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	30.12	46	43	WSW	2	bc	Valencia ...	29.42	57	55	E	3	0 p	3
Sumburgh Head							Scilly ...							
Stornoway ...	29.96	49	47	ESE	7	0	Dover ..	29.66	49	48	E	3	og	2
Aberdeen ...	30.02	47	44	ESE	7	0	London ...	29.69	49	47	E	4	omg	*
Shields ...	29.86	48	46	SE	4	0	Yarmouth ...	29.74	46	44	E	6	0	5
Ardrossan ...	29.83	49	46	E	4	0	Jersey ...							
Mullaghmore ...	29.59	51	48	ESE	7	og	Rochefort ...	29.71	62	59	WNW	5	0	2
Holyhead ...	29.63	51	51	E	6	0								

A slight decrease of pressure has occurred at Valencia since noon, but the change is probably only temporary and in all other places the mercury is rising. The wind remains E^b or ESE^b everywhere and the weather is dull and unsettled.

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) or 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY, 26TH OCTOBER.

1881.

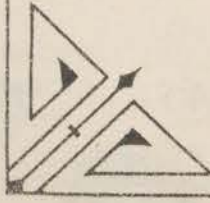
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dengerfield, Lich 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday, 26th OCTOBER.

1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their

barbs and feathers refer to force thus:

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 4 to 5

○ = dead calm.

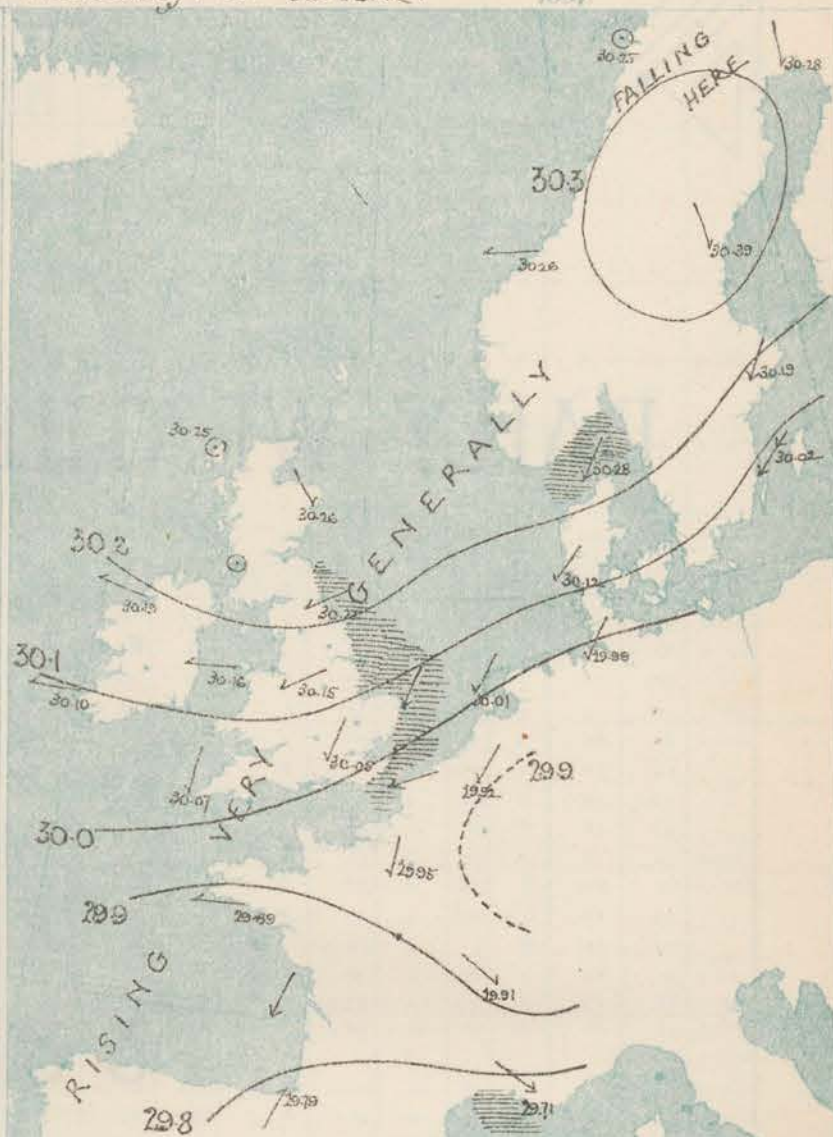
Sea Disturbance, where considerable, is shown by shading round the coast: thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings Inches
Nairn	29.724
Aberdeen	29.738
Leith	29.770
Scarborough	29.812
Ardrrossan	30.103
Greenock	29.884
Holyhead	29.830
Valencia	29.852
Boche's Pt.	29.827
Plymouth	29.870
LONDON	29.902
Vermouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

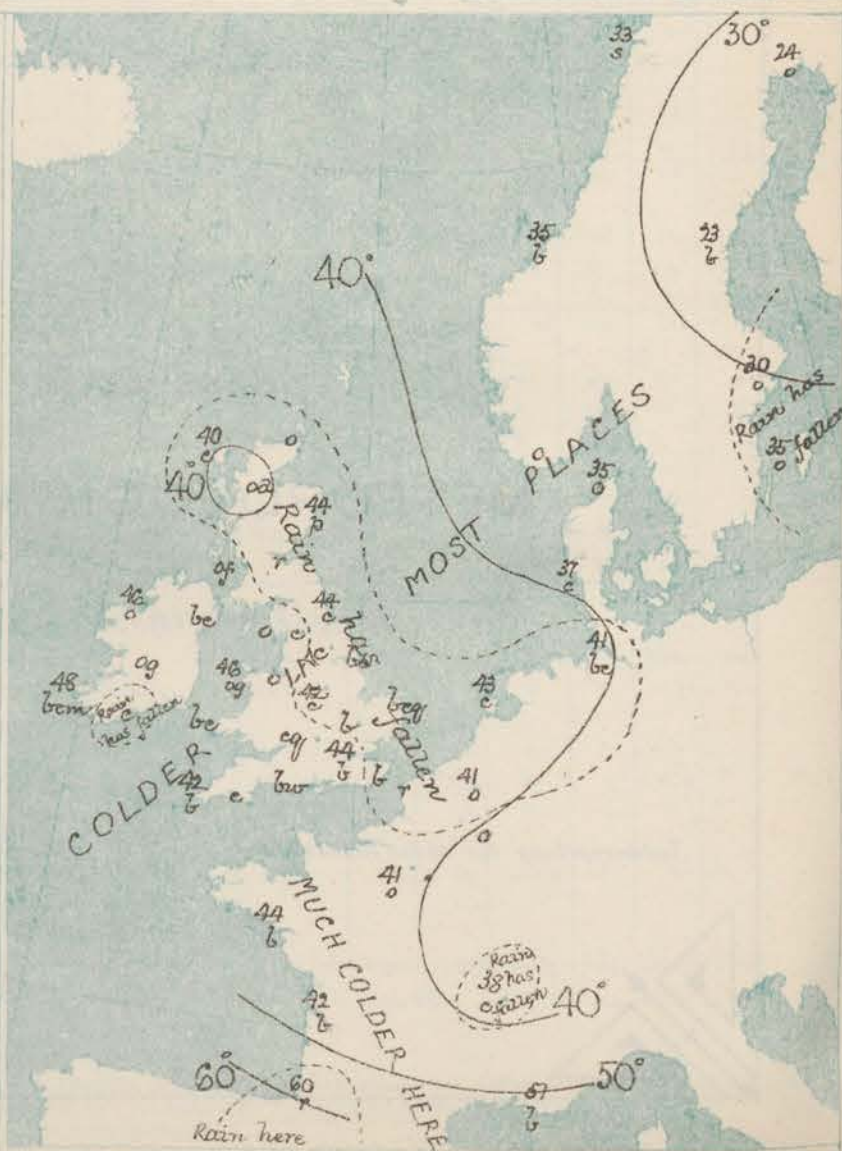
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp	Rain-fall Inches
Sumburgh Head	46.4	2.64
Sornoway	46.6	1.88
Aberdeen	47.4	2.24
Shields	49.3	2.03
York	49.9	2.83
Mullaghmore	49.1	?
Holyhead	51.3	5.14
Parsonstown	52.2	3.63
Valentia	51.4	7.11
Sally (St Mary's)	54.6	4.01
Hurst Castle	53.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Vermouth	51.6	2.87

* The mean Temperatures are those for the 10 years 1867-76; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For WEDNESDAY 26th OCT^r 1881 at 8 a.m.

The barometer is rising this morning in all parts of Western Europe, but a slight fall is reported in the north of Scandinavia. A large area of high pressure extends from the Gulf of Bothnia westward across the North Sea to Scotland and the north of Ireland, while the lowest readings are reported from the south-east of France, the depression which lay over the Bay of Biscay ^{yesterday morning} having apparently passed End over that country. The wind blows rather strongly on our south-east coast, but elsewhere it is generally light or moderate in force, blowing from NE. over the North Sea, England and France, from E. in Ireland, and from varying directions in Scotland. The weather is fine over the W. of France and the SW. and S. of England but elsewhere the sky is cloudy or overcast with fog over the Clyde and rain in the east of Scotland. Slight showers have occurred in the N. and E. Temperature has fallen except in the SE. the change exceeding 10° in the west of France, readings range from 48° at Valencia to 40° in north Scotland. The sea is rather rough in the E. and SE.

MAP SHOWING DISTRICTS



FORECASTS

For the 24 hours ending at Noon
on the

27th OCTOBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light variable breezes, cloudy.	6 SCOTLAND WEST	E ^{ly} winds, light; cloudy, misty.
2 SCOTLAND EAST	Light or moderate NE ^{ly} and NW ^{ly} breezes; cloudy, cold, some slight rain.	7 ENGLAND N.W.	E ^{ly} to NE ^{ly} winds, light or moderate; cloudy, fair.
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	NE ^{ly} winds, moderate; cloudy, fair.
4 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	E ^{ly} winds, moderate to light; rather cloudy or dull but fair.
5 MIDLAND COUNTIES	Same as N° 5	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	N ^{ly} and NE ^{ly} winds, moderate and strong; fair on the whole and cold but probably some cold showers.	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

26th OCT

1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			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.	Amount of Rainfall.	
Haparanda ...	30.35	19	N	2	b	30.18	0.00	24	22	- 2	N	2	0	*	27	18	-	
Hernösand ...	30.37	29	NE	8	0	30.39	+ .20	25	20	- 12	N	2	0	*	36	?	-	
Stockholm ...	30.08	38	NE	6	0	30.19	+ .15	30	26	- 3	NE	8	0	*	37	?	0.04	
Wisby ...	29.95	37	E NE	6	n	30.01	+ .07	35	32	- 2	E NE	8	0	*	43	?	0.08	
Bodö ...	30.32	33	E	2	b	30.15	+ .03	33	33	- 1	20	0	5	1	37	30	-	
Christiansund...	30.17	39	E NE	2	b	30.26	+ .17	35	32	- 4	E	3	6	2	43	25	-	
†Skudesnaes ...																		
Oxö (Xriansund)...	30.08	39	N NE	6	0	30.25	+ .13	38	34	+ 2	N NE	6	0	3	29	34	-	
Skagen (The Skaw)	30.10	40	NE	5	0	30.23	+ .22	35	39	- 3	NE	5	0	5	41	32	-	
Fanö ...	29.98	37	NE	4	b	30.12	+ .24	37	36	- 2	NE	4	0	*	43	34	-	
Cuxhaven ...	29.71	?	E NE	5	bc	29.99	+ .24	41	40	- 3	NE	4	60	*	45	39	0.08	
†Sumburgh Head																		
†Stornoway ...	30.15	45	ESE	3	c	30.25	+ .18	40	40	- 2	20	0	0	0	50	36	-	
Wick ...	30.10	45	NW	1	0	30.27	+ .14	45	45	0	SE	3	0	3	48	40	0.08	
Nairn ...	30.13	42	21	0	0	30.25	+ .15	40	40	+ 1	20	0	0	0	45	37	0.01	
†Aberdeen ...	30.08	44	NW	3	0	30.26	+ .18	44	42	0	NW	3	p	3	47	41	0.11	
Leith ...	30.10	45	E	2	n	30.25	+ .22	42	42	- 3	E	1	n	*	49	40	0.10	
†Shields ...	30.03	46	E NE	3	0	30.21	+ .24	44	42	- 1	E NE	3	0	5	46	41	0.02	
Spurn Head ...	29.92	44	N NE	6	c	30.11	+ .26	45	43	- 2	NE	6	bc	5	48	43	0.02	
York ...	30.00	43	N NE	1	m	30.17	+ .24	41	40	+ 1	N	1	0	*	49	38	0.03	
Nottingham ...	29.99	43	NE	3	c	30.15	+ .27	42	41	- 1	NE	3	0	*	49	38	0.03	
†Ardrossan ...	30.10	44	E	1	of	30.24	+ .21	43	41	0	E	1	of	1	47	40	-	
†Mullaghmore ...	30.02	48	ESE	4	09	30.19	+ .35	46	43	- 2	ESE	4	0	2	51	45	-	
Donaghadee ...	30.09	47	SSE	4	c	30.22	+ .27	46	43	0	E	4	bc	2	49	45	-	
Parsonstown ...	30.02	47	E NE	1	0	30.19	+ .34	42	40	- 6	20	0	09	*	50	36	-	
Barrow-in-Furness	30.04	43	NE	2	b	30.19	+ .27	43	41	0	NE	2	0	2	55	40	-	
†Holyhead ...	30.02	45	E	3	c	30.16	+ .28	46	42	0	E	3	09	2	49	44	-	
Liverpool (Bidston)	30.03	42	NE	2	0	30.17	+ .27	42	40	- 2	NE	2	0	2	48	42	-	
†Valencia ...	29.93	53	ESE	4	0	30.10	+ .36	48	44	- 2	E	4	bc	4	50	41	-	
Roche's Point...	29.92	49	ESE	3	bc	30.07	+ .33	46	44	- 3	E NE	3	c	4	53	44	0.08	
Pembroke ...	29.95	46	E	2	bc	30.11	+ .34	42	41	- 3	E NE	2	bc	1	50	39	-	
†Scilly ...																		
Prawle Point ...	29.90	47	NE	3	bc	30.04	+ .33	42	41	- 4	N NE	3	0	4	51	40	-	
Hurst Castle ...	29.85	45	E NE	4	b	30.03	+ .29	42	41	- 3	NE	3	bc	3	51	39	-	
†Dover ...	29.77	45	N NE	4	ep	29.97	+ .25	47	44	+ 1	E NE	5	b	4	50	43	0.39	
†London ...	29.86	46	NE	2	b	30.05	+ .28	44	42	0	NE	3	b	*	51	41	-	
Oxford ...	29.94	47	E NE	4	c	30.09	+ .27	43	42	+ 3	N	3	c	*	51	39	0.01	
Cambridge ...	29.90	41	N	1	b	30.09	+ .27	42	42	+ 1	N	1	b	*	51	37	0.03	
†Yarmouth ...	29.83	47	NE	7	eq	30.03	+ .25	47	44	0	NE	6	bc	5	48	44	0.10	
The Helder ...	29.79	45	NE	4	0	30.01	+ .25	43	41	+ 1	NE	4	c	3	45	41	0.24	
Cape Gris Nez	29.76	46	E NE	8	n	29.94	+ .24	43	42	+ 6	E NE	7	n	5	52	36	0.43	
†Jersey ...																		
Brest ...	29.82	47	E	3	b	29.96	+ .39	42	41	- 12	E	1	b	2	55	41	-	
Lorient ...	29.76	49	E NE	5	0	29.89	+ .36	44	44	- 10	E	4	b	4	57	41	-	
†Rochefort ...	29.67	49	N	4	0	29.87	+ .33	42	38	- 12	NE	5	b	2	68	37	-	
Biarritz ...	29.67	61	W	8	n	29.79	+ .27	60	50	0	SW	4	n	4	64	53	0.28	
Coranna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	29.92	+ .22	41	40	+ 2	NE	4	0	*	43	39	0.08	
Charleville ...	29.67	41	E	4	0	29.84	+ .26	40	37	+ 2	N NE	7	0	*	48	37	-	
Paris ...	29.74	45	N NE	5	b	29.95	+ .32	41	39	- 2	N NE	3	0	*	*	*	-	
Lyons ...	29.61	51	N	1	0	29.91	+ .31	38	37	- 10	NW	1	c	*	58	37	0.20	
Toulon ...	29.58	36	WNW	5	bc	29.71	+ .13	51	48	- 3	NW	5	b	5	64	?	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.78	39	E	2	bc	28.93	+ .26	38	37	- 1	NE	3	0	*	40	36	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.06	44	41	SSW	2	0	3	Valencia ...	29.85	53	50	E	4	0	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.11	42	45	ESE	4	1	3	Dover ..	29.74	47	45	NE	5	bc	3
Aberdeen ...	30.07	47	44	NNE	3	0	p 5	London ...	29.82	48	44	NNE	5	c	*
Shields ...	30.01	46	43	NE	3	0	5	Yarmouth ...	29.80	48	45	NNE	5	0	9 5
Ardrossan ...	30.05	46	44	E	3	0	2	Jersey ...							
Mullaghmore ...	29.95	51	47	ESE	5	0	4	Rochefort ...	29.56	66	61	E NE	4	bc	2
Holyhead ...	29.96	49	45	E	4	0	3								

Pressure still increases slowly except in the NE of Scotland where it has decreased slightly. The wind is NE⁵ to E⁵ and the weather, though cloudy generally and showing at Aberdeen and Dover, is fair on the whole. Temperature is rather low.

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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

THURSDAY 27TH OCTOBER.

1881.

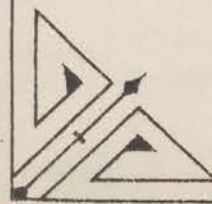
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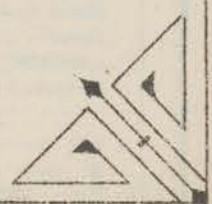
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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Duggerfield, 14, 22, Pall Mall St. Westminster.

WEATHER CHARTS

for 8 a.m. on THURSDAY 27th OCTOBER 1887.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

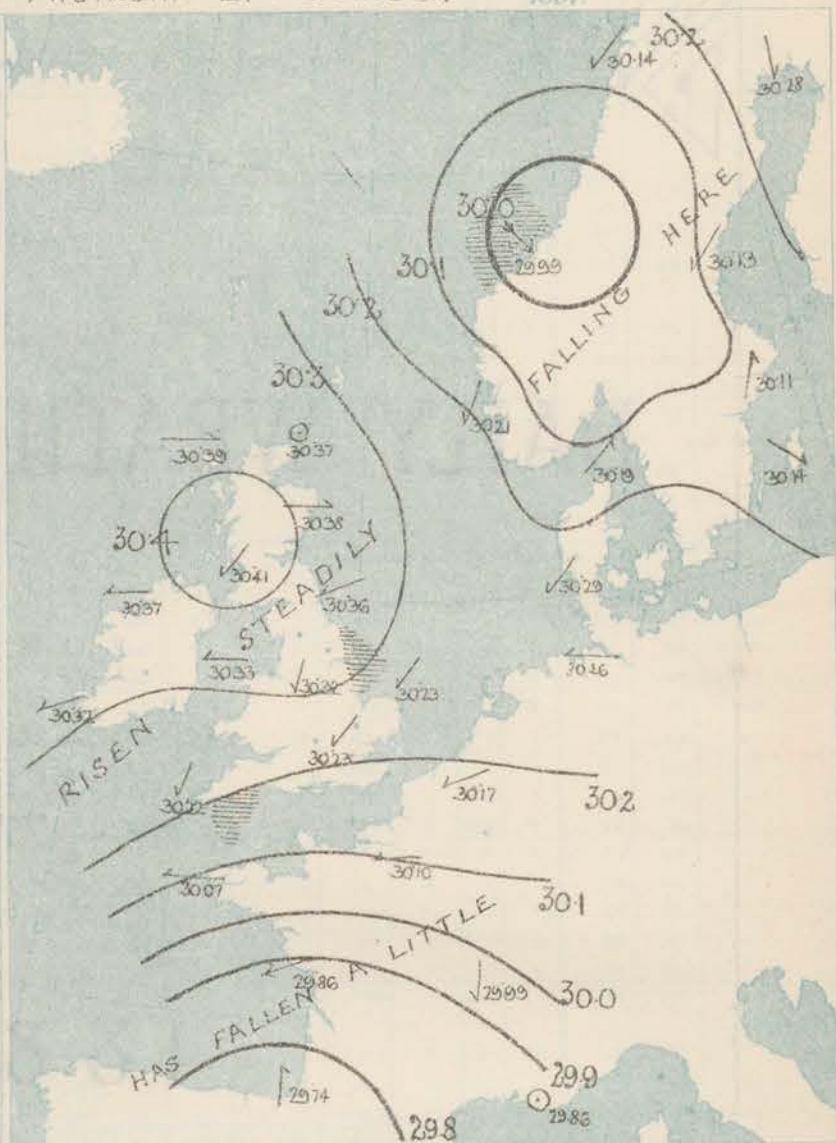
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10; — force 8 to 10
 — force 5 to 7; — force 1 to 4
 ○ — dead calm.

Sea Disturbance, where considerable is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER for the month of October.

Stations.	Mean Readings in.
Nairn	29 7.4
Aberdeen	29 7.48
Leith	29 7.76
Scarborough	29 8.17
Ardrossan	29 7.92
Greenock	29 7.64
Holyhead	29 8.30
Valentia	29 8.62
Roche's Pt.	29 8.27
Plymouth	29 8.30
LONDON	29 8.07
Wormouth	29 8.02

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

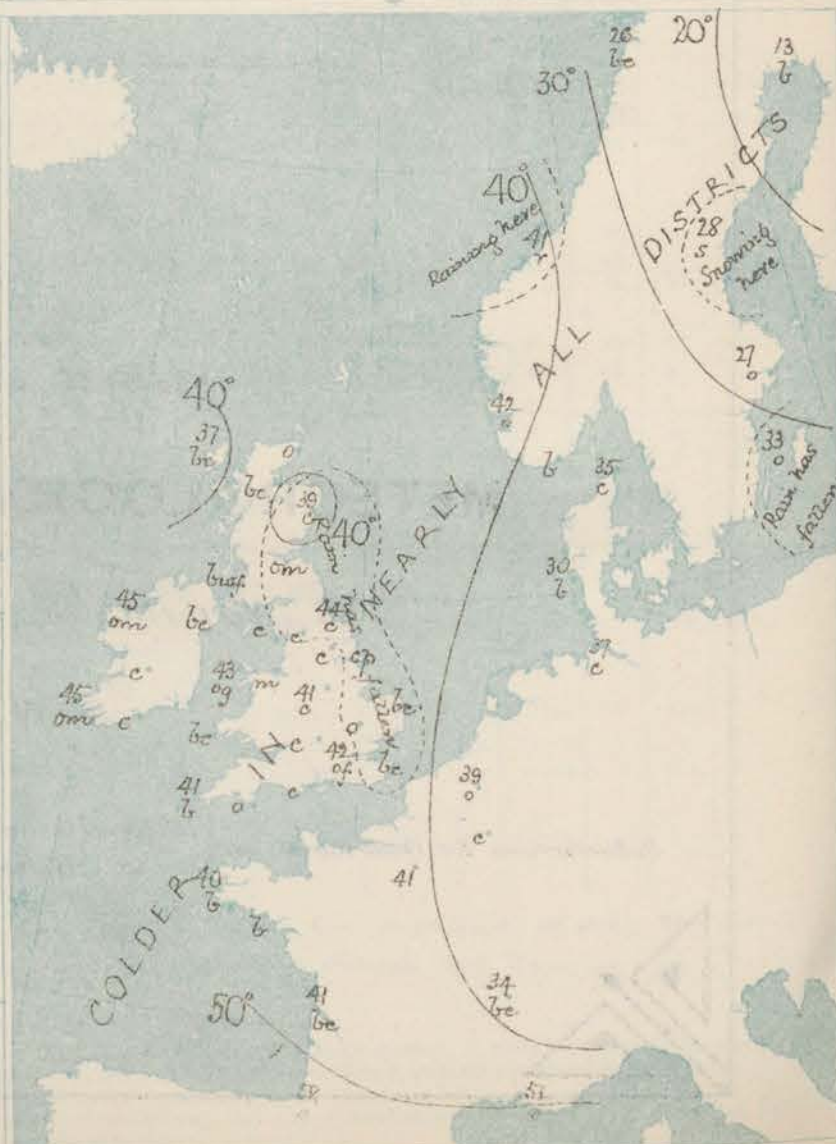
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of October.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	46.4	2.64
Stornoway	46.6	4.88
Aberdeen	47.4	3.24
Shields	49.3	2.61
York	49.9	2.85
Mullaghmore	49.1	?
Holyhead	51.3	5.44
Paranstown	50.2	3.63
Valentia	51.1	7.11
Sally (St Mary's)	54.6	4.01
Hurst Castle	53.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Wormouth	51.6	2.57

* The mean Temperatures are those for the 33 years 1853-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 27th OCT^r 1881 at 8 a.m.

Since yesterday morning the mercury has risen steadily all over these Islands and their neighbourhood, but during the night two depressions have appeared, one over the Peninsula, causing a slight fall of the barometer in the west of France, and a second over Norway, causing a fall over the whole of Scandinavia. The anticyclone over Scotland still holds. The wind is light and variable at the Scotch stations, while light to fresh NE^{ly} breezes prevail on our coast, strong E^{ly} winds over France, and strong NW^{ly} gales at Christiansund. Temperature has decreased in nearly all parts of Western Europe and is rather low generally, readings ranging from 45° in south Ireland to 34° at Lyons and 37° in the Hebrides. During last night the thermometer fell to 33° at Stromaway, 35° at Cambridge and 37° over the south of Scotland and Central England, while the maxima yesterday varied between 45° and 51°. The weather is fine on the west coasts of England, Scotland and France, but elsewhere it is cloudy or dull, some mist or fog is reported and slight showers have fallen in the NE and E. The sea is rather rough at Prawle Point and Spurn Head.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

28th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light W ^{ly} breezes; fair, cloudy.
2 SCOTLAND EAST	N ^{ly} breezes, light; cloudy, misty or foggy.
3 ENGLAND NE	NE ^{ly} breezes, light or moderate; cloudy, cold.
4 ENGLAND EASTD°.....D°.....D°.....
5 MIDLAND COUNTIES	N ^{ly} and E ^{ly} breezes, light or moderate; cloudy, cold, dull.
6 ENGLAND SOUTH	E ^{ly} and NE ^{ly} breezes, light or moderate; cloudy, cold.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable breezes, light; fair, cloudy, some fog.
7 ENGLAND N.W.	E ^{ly} winds, light or moderate; cloudy, misty, cold.
8 ENGLAND S.W.	NE ^{ly} and E ^{ly} winds, moderate and fresh; cloudy.
9 IRELAND NORTH	E ^{ly} (SE-NE) breezes, moderate; rather cloudy and misty, cold.
10 IRELAND SOUTHD°.....D°.....D°.....
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

27th OCT^r

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY										FAST 24 HOURS.		
STATIONS.	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 19).		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 19).			Max.	Min.			
Haparanda ...	30.25	21	N	2	0	30.28	+0.0	13	13	- 11	N	4	6	*	25	?	-		
Hernösand ...	30.24	26	Z	0	0	30.13	- 2.6	28	27	+ 5	E NE	2	8	*	36	19	0.24		
Stockholm ...	30.13	27	N	4	0	30.11	- 0.8	27	26	- 9	SSW	2	0	*	32	27	-		
Wishby ...	30.15	33	NE	4	0	30.14	+ 1.2	33	32	- 2	NW	4	0	*	37	32	0.12		
Bodö ...	30.07	33	E	2	0	30.14	- 1.1	26	24	- 7	NNE	2	6c	1	34	23	-		
Christiansund ...	30.25	41	WSW	4	0	29.99	- 2.7	41	41	+ 6	NW	9	N	5	41	30	0.35		
†Skudesnaes ...	30.32	45	SSW	4	0	30.21		42	40		NNE	2	0	2	43	39	-		
Oxö (Xiansund) ...	30.32	35	NNE	2	6	30.11	- 1.4	39	36	+ 1	W	4	6	2	?	32	-		
Skagen (The Skaw)	30.31	35	E NE	4	0	30.19	- 0.4	35	32	0	SW	4	C	3	37	30	-		
Fanö ...	30.31	34	NE	4	0	30.29	+ 1.7	30	29	- 7	NE	1	6	*	39	28	-		
Cuxhaven ...	30.13	?	NE	5	6c	30.26	+ 2.7	37	35	- 4	E	3	C	*	43	36	-		
†Sumburgh Head																			
†Stornoway ...	30.43	46	Z	0	0	30.39	+ 1.4	37	36	- 3	W	1	6c	1	49	33	-		
Wick ...	30.37	45	?	1	0	30.37	+ 1.0	42	40	- 3	Z	0	0	1	49	37	-		
Nairn ...	30.36	44	Z	0	0	30.40	+ 1.5	41	39	+ 1	Z	0	6c	1	46	40	-		
†Aberdeen ...	30.37	44	Z	0	0	30.38	+ 1.2	39	38	- 5	W	1	0	2	50	36	0.08		
Leith ...	30.35	42	E	1	6c	30.42	+ 1.7	41	40	- 1	WSW	1	5m	*	49	37	0.02		
†Shields ...	30.31	44	E	2	0	30.36	+ 1.5	44	42	0	E NE	3	0	4	45	40	0.02		
Spurn Head ...	30.20	44	NE	5	6c	30.29	+ 1.8	44	41	- 1	NE	5	cp	5	48	42	0.02		
York ...	30.27	43	E NE	1	6c	30.35	+ 1.8	40	38	- 1	NNE	1	0	*	48	37	-		
Nottingham ...	30.25	41	NNE	4	6	30.32	+ 1.7	41	38	- 1	NNE	4	0	*	50	38	0.04		
†Ardrossan ...	30.34	44	E	1	0f	30.41	+ 1.7	40	39	- 3	NE	1	6fm	1	47	37	-		
†Mullaghmore ...	30.27	47	SE	3	0	30.37	+ 1.8	45	43	- 1	E	3	0m	2	48	44	-		
Donaghadee ...	30.31	47	E	4	0	30.40	+ 1.8	45	41	- 1	E	3	6c	1	49	42	-		
Parsonstown ...	30.27	46	ESR	1	0	30.37	+ 1.8	42	40	0	Z	0	0	*	48	41	-		
Barrow-in-Furness	30.26	44	NE	3	0	30.34	+ 1.5	40	39	- 3	N	3	0	2	51	39	-		
†Holyhead ...	30.25	46	E	2	0	30.33	+ 1.7	43	41	- 3	E	2	0g	1	47	42	-		
Liverpool (Bilston)	30.26	43	NE	3	0	30.34	+ 1.7	40	38	- 2	E NE	2	m	1	46	37	-		
†Valencia ...	30.21	48	E NE	3	0	30.32	+ 2.2	45	42	- 3	NE	1	0m	1	51	42	-		
Roche's Point ...	30.19	45	E NE	4	0	30.29	+ 2.2	45	43	- 1	NE	3	0	4	51	43	-		
Pembroke ...	30.17	46	NE	2	6c	30.26	+ 1.5	41	40	- 1	NE	3	6c	1	48	40	-		
†Scilly ...																			
Prawle Point ...	30.10	48	NE	5	0	30.18	+ 1.4	44	42	+ 2	NE	5	0	5	51	39	-		
Hurst Castle ...	30.11	47	NE	4	0	30.19	+ 1.6	42	41	0	NE	4	0	3	51	40	-		
†Dover ...	30.12	45	NE	5	6cp	30.18	+ 2.1	46	45	- 1	E	4	6c	3	49	42	0.15		
†London ...	30.15	45	E NE	2	0	30.23	+ 1.8	42	39	- 2	NE	1	cf	*	51	39	-		
Oxford ...	30.20	42	NE	2	6	30.26	+ 1.7	40	39	- 3	NE	2	0	*	49	39	-		
Cambridge ...	30.19	41	N	1	0	30.27	+ 1.8	40	40	- 2	NE	1	0	*	51	35	0.01		
†Yarmouth ...	30.16	45	E NE	5	0	30.23	+ 2.0	44	42	- 3	NE	3	6c	3	48	42	0.03		
The Helder ...																			
Cape Gris Nez																			
†Jersey ...																			
Brest ...	29.98	47	E	4	6c	30.07	+ 1.1	40	38	- 2	E	4	6	3	57	37	-		
Lorient ...	29.92	50	E NE	5	0	30.01	+ 1.2	41	39	- 3	E	7	6	2	55	39	-		
†Rochefort ...	29.89	45	E NE	7	0	29.86	- 0.1	41	39	- 1	E NE	7	6c	2	59	37	-		
Biarritz ...	29.75	59	E	5	0	29.74	- 0.5	58	54	- 2	S	3	0	3	64	46	-		
Corunna ...	*	*	*	*	*			*	*	*		*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.17	+ 2.5	39	38	- 2	E NE	4	0	*	44	38	-		
Charleville ...	30.03	41	NE	7	0	?	?	37	32	- 3	E	7	0	*	43	34	-		
Paris ...	30.04	42	N	4	0	30.10	+ 1.5	41	37	0	E	?	?	*	*	*	-		
Lyons ...	30.01	39	NW	1	6	29.99	+ 0.8	34	33	- 4	N	1	6c	*	45	32	-		
Toulon ...	29.76	52	NW	8	6	29.86	+ 1.5	51	47	0	SW	1	0	2	59	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.03	39	E NE	3	0	29.10	+ 1.7	36	35	- 2	NE	2	0	*	42	35	0.02		

HIGH LEVEL STATION.

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

Hawes Junction	29.03	39	E NE	3	0	29.10	36	35	- 2	NE	2	42	35	0.02			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.34	40	38	S	6	0	Valencia	30.16	50	46	E	4	0m
Sumburgh Head							Scilly						
Stornoway	30.19	47	45	SSW	3	0	Dover	30.05	48	45	E NE	4	6p
Aberdeen	30.32	47	44	SE	3	6c	London	30.11	49	45	NE	2	0m
Shields	30.27	44	43	E NE	2	0	Yarmouth	30.11	47	44	E NE	5	6c
Ardrossan	30.24	46	44	E	1	0	Jersey						
Mullaghmore	30.23	47	44	E NE	3	0g	Rochefort	29.88	56	48	E NE	7	6c
Holyhead	30.21	47	43	E	3	0g							

Pressure is increasing slowly everywhere. The wind remains E and SE and the weather though cloudy is on the whole fair.

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. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY. 28TH OCTOBER.

1881.

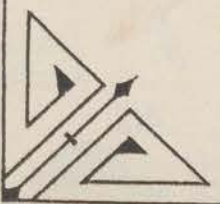
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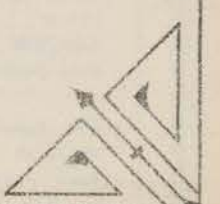
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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Dargerfield Lith 22, Balfour St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Friday 28th OCTOBER.

1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus: — force above 10; — force 8 to 10; — force 5 to 7; — force 1 to 4.

☉ - dead calm.

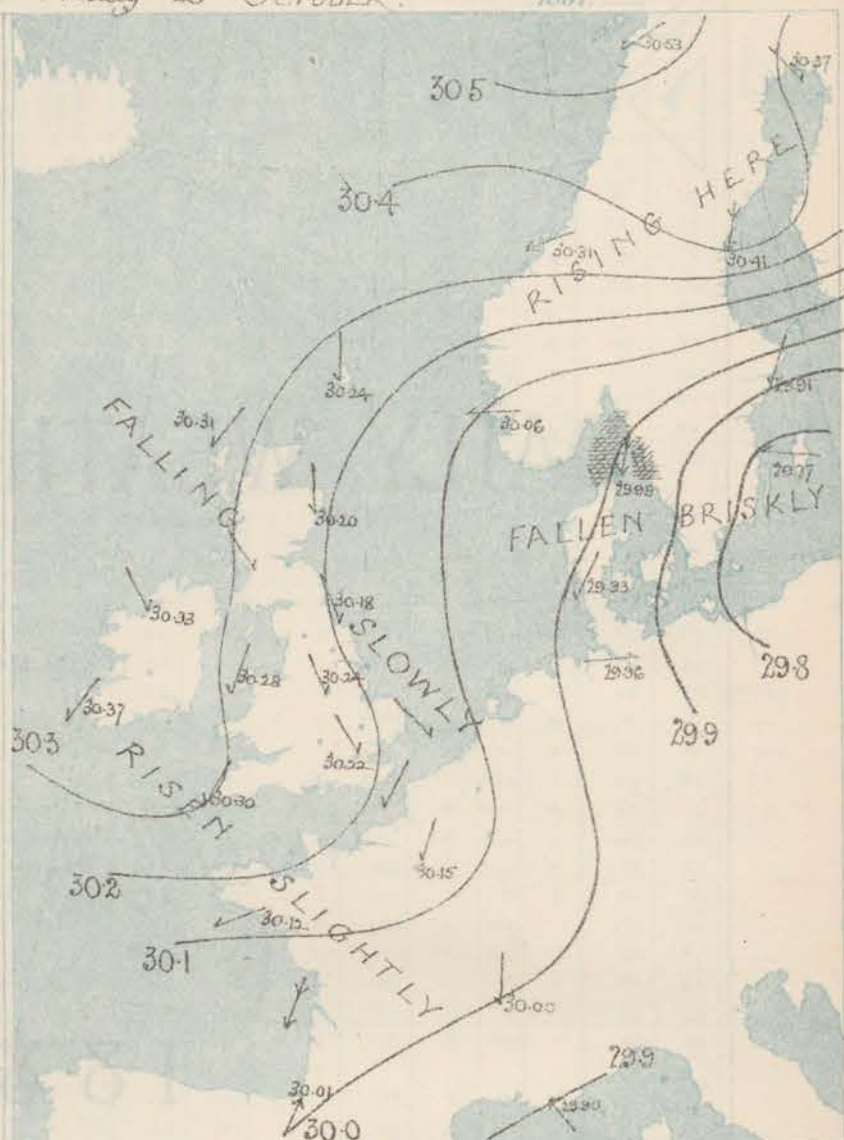
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations.	Mean Readings
Gairn	29.724
Aberdeen	29.733
Leith	29.770
Scarborough	29.842
Ardrossan	29.792
Greenock	29.794
Holyhead	29.839
Valentia	29.828
Roche's Pt.	29.875
Plymouth	29.929
LONDON	29.947
Wormouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

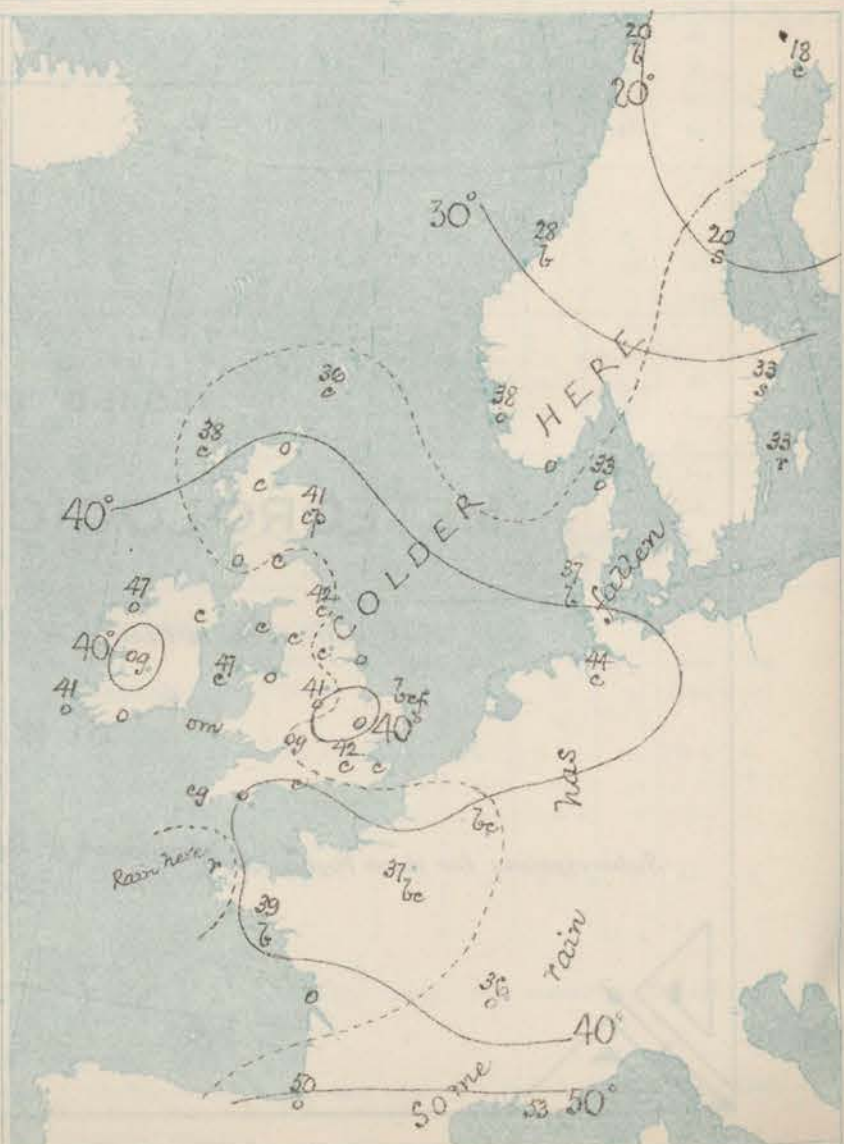
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

Stations	Temp	Rain-fall
Sandburgh Head	46.3	2.64
Stornoway	46.6	4.88
Aberdeen	47.4	2.24
Shields	49.3	2.61
York	49.9	2.65
Mullingmore	49.1	2
Holyhead	51.3	6.34
Parsonstown	50.9	3.63
Valentia	52.4	7.17
Sally (St Mary's)	54.6	4.91
Hurst Castle	53.9	9
Dover	53.0	3.26
LONDON	52.3	3.44
Wormouth	51.9	2.87

* The mean Temperatures are those for the 33 years 1857-89; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 28th OCTOBER. 1881. at 8 a.m.

The changes this morning are rather singular. The depression noticed in the NW. of Norway yesterday has travelled SE^{wd} to the south of Sweden, and the mercury has fallen over the Baltic, the E shores of the North Sea and the East of England, while the disturbance shown over the SW. of France yesterday morning has disappeared, and a slight recovery has taken place over France and our W. coast. An area of high pressure has been formed in the far N., and readings are high and uniform off our western coast. The wind is E^{ly} over the greater part of France, N^{ly} in nearly all other places, blowing with the force of a gale over the Skagerrack and at Harbourn, and lightly or moderately elsewhere. The weather varies a good deal; it is clear in the W. of Norway, and in the NE. of France, cloudy or dull elsewhere, with showers at Aberdeen and snow and rain in Sweden. Slight showers have occurred in the N. and E. Temperature has fallen except in the W. of England; it ranges from 47° at Mullaymore to 39° at Parsonstown and Cambridge. The sea is slight except at the Scar.

Telegraphic communications with the Shetlands is now restored and the Meteorological message is arriving regularly. The Ben Nevis observations will now cease for the winter.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th OCTOBER.

(ISSUED AT 11 a.m. on previous day.)

DISTRICTS

FORECASTS

11	SCOTLAND NORTH	N ^{ly} breezes, moderate; cloudy, some cold rain.
1	SCOTLAND EAST	-----D ^{ly} -----D ^{ly} -----D ^{ly} -----
2	ENGLAND N.E.	NW ^{ly} to NE ^{ly} breezes, moderate or fresh; cloudy then slight rain.
3	ENGLAND EAST	Same as N ^o 5
4	MIDLAND COUNTIES	Same as N ^o 5
5	ENGLAND SOUTH	NW ^{ly} to NE ^{ly} breezes, light to moderate; fair on the whole, fog becoming likely.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Light or moderate N ^{ly} breezes; cloudy fair.
7	ENGLAND N.W.	-----D ^{ly} -----D ^{ly} -----D ^{ly} -----
8	ENGLAND S.W.	NE ^{ly} breezes, light; cloudy, hazy.
9	IRELAND NORTH	Light breezes between NW and NE; dull, but no rain.
10	IRELAND SOUTH	-----D ^{ly} -----D ^{ly} -----D ^{ly} -----
	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

28th OCT.

1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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 ...	30.40	16	N	2	c	30.87	+ .09	18	17	+ 5	NW	2	c	*	21	10	-		
Hernösand ...	30.28	24	NE	8	g	30.41	+ .48	20	?	- 8	NNE	8	g	*	30	19	0.24		
Stockholm ...	29.89	32	SSW	2	s	29.91	- .20	38	32	+ 6	NE	4	s	*	37	21	0.20		
Wisby ...	29.99	32	SE	4	s	29.77	- .27	33	33	0	ESE	4	n	*	37	32	0.39		
Bodö ...	30.45	22	E	2	b	30.33	+ .39	20	19	- 6	ENE	2	b	1	27	18	-		
Christiansund ...	30.11	33	ENE	5	o	30.31	+ .32	28	28	- 13	ENE	5	o	3	41	19	0.24		
†Skudesnaes ...	30.00	41	NW	2	b-c	30.06	- .15	38	33	- 4	E	4	o	4	45	?	-		
Oxö (Xiansund) ...	29.92	40	W	4	b	30.06	- .05	32	30	- 7	NNE	2	o	4	46	30	-		
Skagen (The Skaw) ...	29.87	44	NNW	3	b	29.99	- .20	33	32	- 2	NNE	3	o	8	45	30	-		
Fanö ...	30.08	44	WNW	4	o	29.93	- .36	37	37	+ 7	NE	4	b	*	45	30	0.08		
Cuxhaven ...	30.12	?	Z	0	e	29.96	- .30	41	43	+ 7	W	1	c	*	?	34	0.03		
†Sumburgh Head ...	30.24	41	N	4	o	30.24		36	36		N	3	c	3	46	35	0.05		
†Stornoway ...	30.36	44	N	1	A	30.31	- .08	38	38	+ 1	NE	1	c	1	49	35	0.09		
Wick ...	30.29	40	NW	2	b	30.27	- .10	43	38	+ 1	NE	3	o	3	50	36	0.03		
Nairn ...	30.34	43	Z	0	e	30.27	- .18	41	38	0	ESE	2	c	0	46	40	0.03		
†Aberdeen ...	30.30	44	NW	3	e	30.20	- .18	41	40	+ 2	N	4	ep	2	46	38	0.04		
Leith ...	30.32	45	SW	1	o	30.23	- .19	41	40	0	SW	1	c	*	46	38	-		
†Shields ...	30.32	45	NNW	3	b-c	30.12	- .18	42	41	- 2	NNW	3	c	3	45	39	-		
Spurn Head ...	30.24	44	NNW	3	b	30.16	- .13	42	41	- 2	NW	4	o	3	48	40	0.04		
York ...	30.32	42	N	1	c	30.20	- .15	42	39	+ 2	NNW	2	c	*	45	38	0.03		
Nottingham ...	30.32	40	NNE	2	b-c	30.24	- .08	41	38	0	NNW	1	o	*	48	37	-		
†Ardrossan ...	30.37	44	Z	0	o	30.25	- .16	45	44	+ 5	NW	2	o	1	46	38	0.01		
†Mullaghmore ...	30.38	46	ESE	3	og	30.33	- .04	47	43	+ 2	NW	3	o	2	47	43	-		
Donaghadee ...	30.39	45	NE	1	e	30.30	- .10	43	40	- 2	W	3	c	1	49	41	-		
Parsonstown ...	30.31	40	?	1	b	30.37	+ .00	39	38	- 3	Z	0	og	*	48	38	-		
Barrow-in-Furness ...	30.33	45	NNE	2	b-c	30.25	- .09	43	41	+ 3	NNW	2	c	2	47	40	-		
†Holyhead ...	30.33	46	ENE	3	o	30.23	- .05	47	42	+ 4	NNE	3	c	2	47	42	-		
Liverpool (Bidston) ...	30.33	43	NE	2	e	30.26	- .08	43	40	+ 3	NNW	1	o	1	45	40	-		
†Valencia ...	30.35	42	Z	0	b-m	30.37	+ .05	41	39	- 4	NE	1	o	1	52	35	-		
Roche's Point ...	30.33	43	NE	3	e	30.33	+ .04	43	41	- 2	NE	3	o	4	50	37	-		
Pembroke ...	30.29	44	ENE	2	e	30.29	+ .03	42	40	+ 1	ENE	1	omv	0	45	40	-		
†Scilly ...																			
Prawle Point ...	30.22	45	NE	4	o	30.26	+ .08	40	39	- 4	N	1	o	2	47	38	-		
Hurst Castle ...	30.20	45	ENE	4	e	30.24	+ .05	40	39	- 2	NE	3	e	3	47	38	-		
†Dover ...	30.19	45	ENE	5	b-c	30.16	- .02	43	42	- 3	NNE	4	e	5	47	44	0.08		
†London ...	30.23	43	NE	2	o	30.22	- .01	42	38	0	NNW	3	e	*	51	38	-		
Oxford ...	30.27	39	NNE	2	b	30.24	- .02	40	38	0	NNW	1	og	*	46	37	0.01		
Cambridge ...	30.26	38	NE	1	b	30.21	- .06	39	38	- 1	N	1	o	*	46	35	0.02		
†Yarmouth ...	30.23	44	NE	3	b-c	30.14	- .09	42	41	- 2	NW	1	bef	3	46	37	0.04		
The Helder ...	30.21	40	ENE	1	b-c	30.06	- .20	45	43	+ 4	NW	1	b-c	1	45	39	-		
Cape Gris Nez ...																			
†Jersey † ...	30.16	46	NE	4	c	30.23		41	39		E	1	omv	2	46	40	0.01		
Brest ...	30.14	45	E	3	b-c	30.24	+ .17	41	40	+ 1	E	1	N	2	52	39	0.04		
Lorient ...	30.08	44	ENE	7	b-c	30.12	+ .11	39	36	- 2	ENE	4	b	2	50	37	-		
†Rochefort ...	29.94	45	NE	8	e	30.02	+ .16	43	41	+ 2	NNE	8	o	4	52	37	-		
Biarritz ...	29.86	54	N	4	n	30.01	+ .27	50	46	- 8	SSW	5	o	4	59	45	0.20		
Corunna ...	*	*	*	*	*			*	*	*				*	*	*			
Brussels ...	*	*	*	*	*	30.14	- .03	36	34	- 3	ENE	1	o	*	42	32	-		
Charleville ...	30.11	40	E	7	o	30.12	?	33	31	- 4	ESE	3	b-c	*	45	30	-		
Paris ...	30.10	42	NE	4	o	30.15	+ .05	37	32	+ 3	NNE	3	b-c	*	*	*	-		
Lyons ...	30.00	37	NE	1	b-c	30.00	+ .01	36	36	+ 2	N	1	o	*	44	33	0.20		
Toulon ...	29.92	53	SE	5	o	29.90	+ .04	53	52	+ 2	SE	3	o	3	54	?	0.04		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	38	NE	1	b-c	28.98	- .12	36	35	0	NNE	1	c	*	41	34	-		

HIGH LEVEL STATION.

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

Hawes Junction	29.08	38	NE	1	b-c	28.98	- 12	36	35	0	NNE	1	o	*	41	34	-			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.09	45	42	NW	6	n	4	Valencia ...	30.33	50	44	ENE	3	b	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.37	49	46	W	4	O	3	Dover ..	30.17	46	40	E	5	c g	4
Aberdeen ...	30.33	46	44	NW	3	e	2	London ...	30.22	47	43	NNE	2	om	*
Shields ...	30.34	45	42	NE	2	c	3	Yarmouth ...	30.23	45	43	NE	4	e p	4
Ardrossan ...	30.39	45	42	Z	0	O	0	Jersey ...							
Mullaghmore ...	30.39	47	44	E	2	om	2	Rochefort ...	29.39	50	45	ENE	8	O	2
Holyhead ...	30.34	46	42	ENE	3	O	2	Ben Davis (4106 ft.)	?	24	24	E	1	O	Max 30 Min 23 Rain 0.43

Pressure is giving way in the N. but is inclined to rise in the W. and S.W. and over France. The anticyclone seems to be spreading S.W. over us, but there is little other 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 (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 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in chart.



DAILY WEATHER REPORT

FOR

SATURDAY, 29TH OCTOBER.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

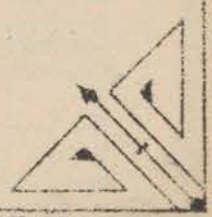
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on SATURDAY, 29th OCTOBER 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4;

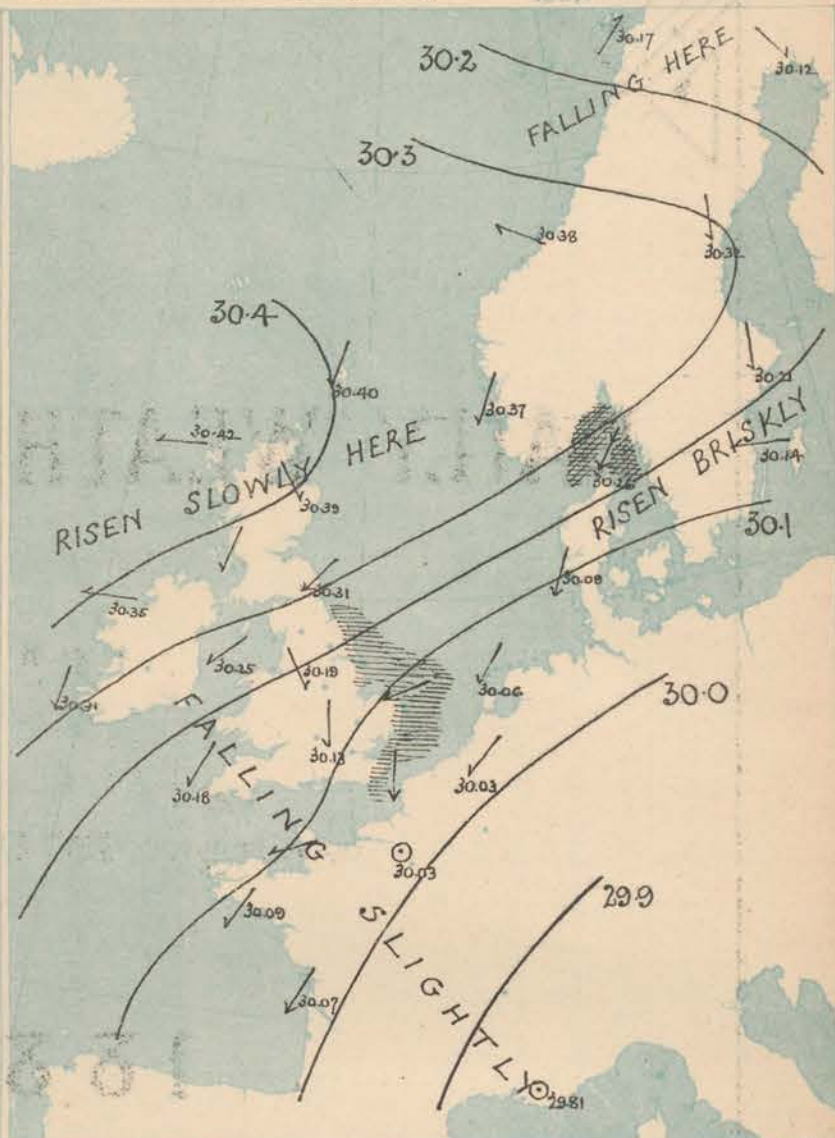
Sea. Dashed lines show the direction of the wind, and the height of the sea, thus—
 — High
 — Moderate
 — Low

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations.	Mean Readings In.
Nairn	29 724
Aberdeen	29 738
Leith	30 276
Scarborough	29 842
Ardrossan	29 792
Greenock	29 784
Holyhead	29 830
Valentia	29 862
Roches Pt.	29 827
Plymouth	29 930
LONDON	29 907
Yarmouth	29 892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Saturday 29th OCT^r 1881 at 8 a.m.

The barometer is rising this morning all over the more N. and NW. part of the Kingdom, but is falling over France and our south coast, as well as in the north of Scandinavia. A large area of high pressure lies off our NW coast, while the lowest readings are reported from the south east of France, and a new depression seems to be advancing towards the N. of Scandinavia. The wind has shifted to SW. at Bodo and to WNW. at Haparanda, but NE² breezes prevail in nearly all other places; they blow with the force of a gale in the Skagerrack, and strongly on our east coast and in the Straits of Dover, but elsewhere they are moderate to light. The weather is fine on our W. coast and in Norway, more or less cloudy elsewhere, with showers of hail and sleet all over the E. part of the Kingdom. Temperature is low generally, readings ranging from 43° on our SW. coast to 31° at Parsonstown and 33° at Kairn and Liverpool. In Scandinavia temperature ranges from 36° at Bodo to 18° at Haparanda. During the night temperature fell to 31° at Parsonstown and Cambridge, to 33° at Wick, and to 34° at several stations. The sea is rather rough in the North Sea and Straits of Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
30th OCTOBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ² breezes, light; dull.
2 SCOTLAND EAST	NE ² breezes, light or moderate; dull, cold rain and sleet showers at times.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N°5
5 MIDLAND COUNTIES	Same as N°5
6 ENGLAND SOUTH	N ² winds, moderate and fresh; rather cloudy and cold, fair on the whole, but some cold showers.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW ² winds, light; fair and cold to dull and milder.
7 ENGLAND NW	-----D°-----D°-----D°-----
8 ENGLAND SW	N ² breezes, light or moderate; fair to dull.
9 IRELAND NORTH	NE ² to E ² winds, moderate generally, fine to dull.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

29th OCT.

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	30.27	16	NW	2	b	30.12	- 25	25	24	+ 7	NW	2	c	*	27	10	-		
Hernösand	30.49	17	N	2	b	30.32	- 09	18	?	- 2	N	2	c	*	27	14	-		
Stockholm	30.26	28	N	9	o	30.21	+ 30	21	21	- 12	N	2	bc	*	34	?	0.04		
Wisby	29.92	38	ENE	8	s	30.14	+ 37	33	32	0	E	4	s	*	39	32	0.39		
Bodö	30.48	22	E	2	s	30.17	- 36	36	35	+ 16	SW	2	o	2	?	18	-		
Christiansund	30.46	26	E	4	b	30.38	+ 07	27	27	- 1	ESE	2	bc	2	28	16	-		
†Skudesnaes	30.29	32	ENE	6	b	30.37	+ 31	29	26	- 9	NNE	2	b	2	?	?	-		
Orö (Xiansund)	30.21	31	NNE	8	o	30.33	+ 27	28	24	- 4	NNE	6	b	4	32	27	-		
Skagen (The Skaw)	30.13	33	NNE	9	o	30.26	+ 27	31	29	- 2	NE	8	bc	8	34	28	-		
Fanö	30.05	33	NE	4	o	30.09	+ 16	33	31	- 4	NNE	6	c	*	37	32	-		
Cuxhaven														*					
†Sumburgh Head	30.31	39	NE	4	o	30.40	+ 16	38	36	+ 2	NNE	3	o	3	42	35	-		
†Stornoway	30.36	43	ENE	5	o	30.42	+ 11	40	38	+ 2	E	2	o	1	46	38	-		
Wick	30.26	40	NE	4	o	30.43	+ 16	41	37	- 2	NE	1	o	2	45	33	-		
Nairn	30.30	42	N	3	o	30.41	+ 14	35	34	- 6	W	0	o	4	45	35	0.12		
†Aberdeen	30.21	39	N	5	e	30.39	+ 19	36	35	- 5	NNW	3	askp	4	44	35	0.16		
Leith	30.24	43	W	2	c	30.35	+ 12	40	38	- 1	ENE	2	chp	*	47	34	0.05		
†Shields	30.18	41	N	3	o	30.31	+ 13	38	37	- 4	ENE	5	s	5	45	37	0.29		
Spurn Head	30.13	43	NNE	4	c	30.16	00	42	41	0	NE	6	c	6	46	35	0.10		
York	30.17	41	N	3	o	30.24	+ 04	36	35	- 6	NE	1	b	*	48	34	-		
Nottingham	30.18	42	NNW	2	o	30.19	- 05	36	35	- 5	NNW	2	bc	*	49	34	0.02		
†Ardrossan	30.25	42	NE	2	of	30.39	+ 14	36	35	- 9	NE	2	bc	1	48	34	-		
†Mullaghmore	30.29	47	NNE	4	ogp	30.35	+ 02	42	39	- 5	E	4	b	3	49	38	0.03		
Donaghadee	30.25	47	WNW	3	c	30.34	+ 04	41	38	- 2	SE	4	b	2	49	40	0.07		
Parsonstown	30.21	45	W	0	o	30.34	- 03	31	31	- 8	W	0	b	*	49	31	-		
Barrow-in-Furness	30.19	45	N	2	e	30.20	+ 05	36	34	- 7	NE	1	b	2	48	35	0.80		
†Holyhead	30.21	46	NNE	2	h	30.25	- 03	43	41	- 4	ENE	3	e	2	49	41	0.09		
Liverpool (Bidston)	30.12	44	N	1	bc	30.26	00	35	34	- 8	NE	1	bc	1	47	34	-		
†Valencia	30.34	41	W	0	c	30.31	- 06	43	41	+ 2	NNE	2	b	3	50	36	0.06		
Roche's Point	30.28	45	NNE	3	b	30.28	- 05	42	40	- 1	NNE	3	e	3	50	40	-		
Pembroke	30.23	46	N	2	e	30.20	- 09	39	38	- 3	NE	2	bc	1	47	39	0.07		
†Scilly																			
Prawle Point	30.23	40	N	1	b	30.15	- 11	40	39	0	N	3	bc	1	50	37	-		
Hurst Castle	30.17	40	NE	2	b	30.12	- 12	40	39	0	NE	3	em	2	46	36	-		
†Dover	30.09	44	NNW	3	b m	30.06	- 10	39	37	- 4	N	4	b	2	47	38	-		
†London	30.13	45	NW	2	o	30.13	- 09	37	35	- 5	N	2	og	*	48	37	-		
Oxford	30.15	43	NW	2	o	30.16	- 08	36	34	- 4	NNW	2	o	*	47	35	-		
Cambridge	30.07	43	NNW	1	o	30.14	- 07	37	36	- 2	N	1	c	*	51	31	0.02		
†Yarmouth	30.07	43	NNW	1	ep	30.09	- 05	42	40	0	ENE	5	c	5	47	35	0.08		
The Helder	29.99	42	NNE	1	bc	30.06	00	39	37	- 6	NE	3	bc	2	46	39	0.20		
Cape Gris Nez	30.10	46	N	5	c	30.03		41	40		N	7	c	5	48	37	0.04		
†Jersey	30.20	45	N	2	o	30.12	- 11	45	41	+ 4	ENE	2	bc	2	46	40	0.01		
Brest	30.21	46	E	2	o	30.17	- 07	45	44	+ 4	NE	1	h	3	52	39	0.04		
Lorient	30.12	44	RNE	5	b	30.09	- 03	45	41	+ 6	NE	4	o	2	48	37	-		
†Rochefort	30.10	43	NE	7	o	30.07	+ 05	39	37	- 4	NE	5	c	2	48	34	-		
Biarritz																			
Coruna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.03	- 11	37	36	+ 1	NE	1	c	*	44	?	0.04		
Charleville	30.06	42	SW	4	c	29.98	- 14	40	37	+ 7	E	7	c	*	48	32	0.04		
Paris	30.09	41	N	4	b	30.03	- 12	42	41	+ 5	W	0	2	*	*	*	0.04		
Lyons														*					
Toulon	29.90	52	SW	3	o	29.81	- 09	48	45	- 5	W	0	o	2	57	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.43	36	N	2	o	29.01	+ 03	32	31	- 4	N	2	c	*	42	30	0.03		

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

Hawes Junction	28.43	36	N	2	o	29.01	+03	32	31	-4	N	2	c	*	42	30	0.03	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.20	35	30	E	6	o	4	Valencia ...	30.35	49	42	NE	3	bc	4
Sumburgh Head	30.26	41	39	NNE	4	c	4	Scilly ...							
Stornoway ...	30.32	44	42	NNE	3	c	2	Dover ..	30.11	46	42	NE	4	bc	2
Aberdeen ...	30.21	44	41	N	5	bc	4	London ...	30.14	47	41	NW	3	bc	*
Shields ...	30.16	45	44	N	3	p	3	Yarmouth ...	30.09	46	44	NW	3	bc	3
Ardrossan ...	30.24	47	44	NE	2	o	1	Jersey ...	30.21	45	42	NNE	2	o	2
Mullaghmore ...	30.11	47	45	NW	4	og p	3	Roche fort ...	30.04	47	45	N	7	o	2
Holyhead ...	30.23	43	46	NNW	4	c p	3								

The weather is on the whole fair, though at Shields, Holyhead, and Mullaghmore showers of rain are reported. N^{ly} breezes, moderate or light in force prevail generally with rather low temperatures.

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) 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY 30TH OCT^R

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

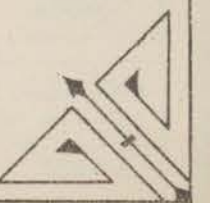
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ROBERT H. SCOTT

(SECRETARY.)



Fred^s Dangerfield, Lish. 22. Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind and their

barbs and feathers refer to force, thus—

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4.

○ dead calm.

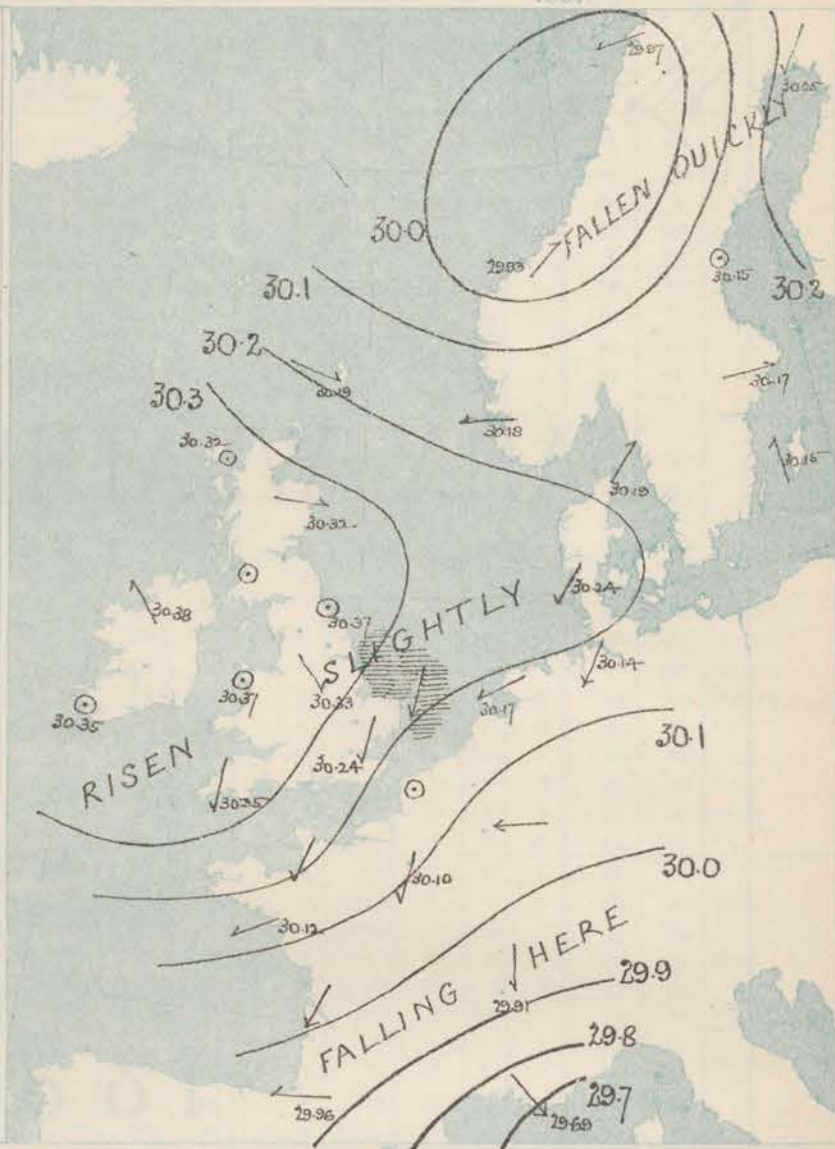
Sea Disturbance, where considerable, is shown by shading round the coast, thus ———— Rough; ———— High.

MEAN* HEIGHT of the BAROMETER

for the month of October

Stations	Mean Readings. Ins.
Nairn	29.724
Aberdeen	29.748
Leith	29.776
Scarborough	29.848
Ardrossan	29.792
Greenock	29.784
Holyhead	29.640
Valentia	29.662
Roche's Pt.	29.827
Plymouth	29.950
LONDON	29.907
Wormouth	29.892

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

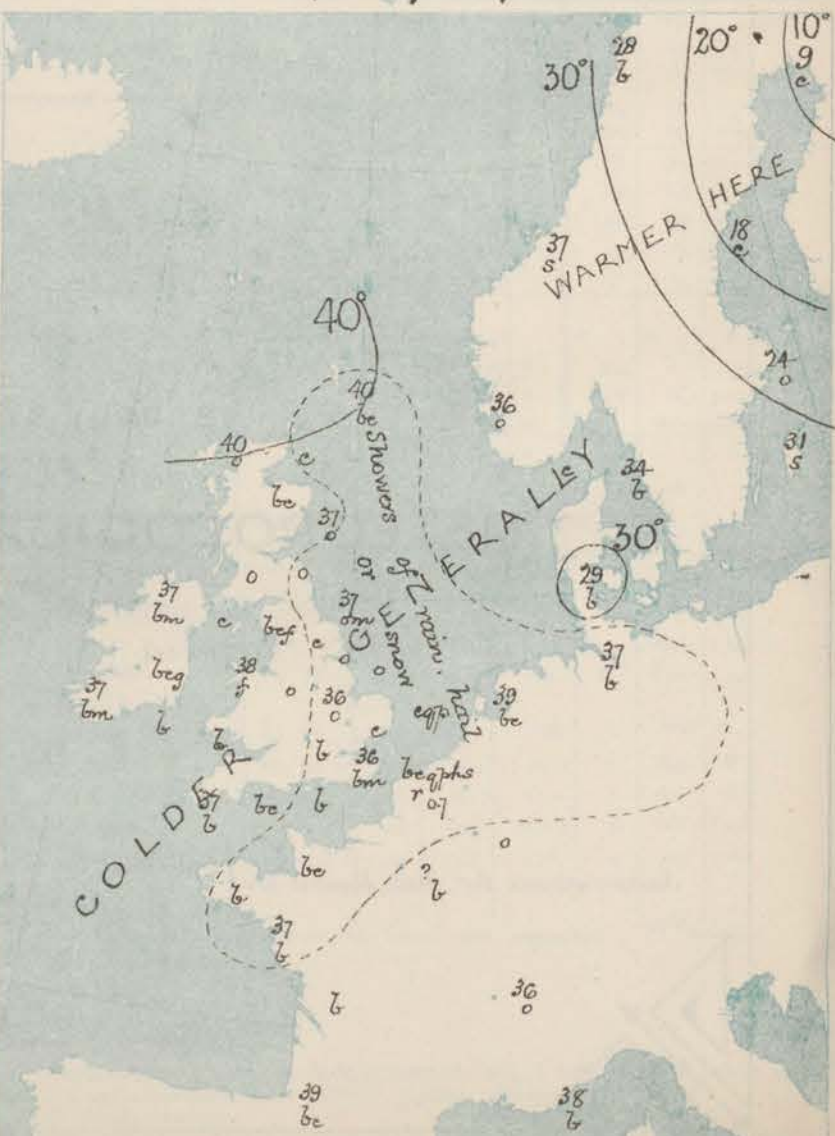
Falls of 0.5 in. or more are quoted in figures.

MEANS* of TEMPERATURE AND RAINFALL

for the month of October

Stations	Temp.	Rain-fall Ins.
Sumburgh Head	46.4	2.61
Sarnoway	46.6	1.88
Aberdeen	47.4	3.24
Shields	48.3	2.01
York	48.3	5.63
Mullaghmore	49.1	7.5
Holyhead	44.3	6.44
Portsmouth	50.2	2.69
Valentia	51.1	2.11
Silly (St. Mary's)	54.6	4.91
Hurst Castle	53.3	0
Dover	53.0	3.70
LONDON	52.3	2.84
Wormouth	51.0	2.87

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY OCT 30th 1881, at 8 a.m.

Very fine bright weather prevails this morning in nearly all parts of these Islands, but in the NE. and E. the sky is more cloudy and both at Yarmouth and Dover showers of cold rain, hail and sleet are falling. In the N. slight fog and mist are reported. During yesterday cold showers occurred at all the more eastern stations, and on the coast the weather was decidedly gusty and squally. Temperature has fallen almost everywhere, and is low generally for the time of year in all districts, readings ranging from 42° at Jersey and 40° in the Shetlands to 32° at Oxford and 31° at Parsonstown. The wind is still strong from NNE at Yarmouth and moderate from the same quarter over the Channel, but elsewhere very light breezes are reported.

The sea is rough on the East coast of England, slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 30th OCT^r 1881.

	YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (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	30.14	19	NE	2	b	30.25	+ 13	9	8	— 16	NE	2	c	*	27	?	—	
Hernösand	30.19	23	Z	0	bc	30.15	— 17	18	18	0	Z	0	c	*	27	7	—	
Stockholm	30.26	21	W	2	b	30.17	— 04	24	23	+ 3	W	2	o	*	30	18	—	
Wisby	30.18	26	E	4	c	30.15	+ 01	31	30	— 2	S	2	s	*	36	25	—	
Bodö	29.98	32	SW	2	o	29.97	— 20	22	27	— 8	ENE	2	b	i	36	28	—	
Christiansund	30.21	34	SSW	4	o	29.93	— 45	37	34	+ 10	SW	4	s	4	37	23	—	
†Skudesnaes	30.33	30	Z	0	bc	30.18	— 19	36	33	+ 7	E	4	o	2	39	28	—	
Oxö (Christiansund)	30.31	29	NNW	2	b	30.14	— 19	27	28	— 1	W	2	c	1	32	27	—	
Skagen (The Skaw)	30.29	32	Z	0	b	30.19	— 07	34	32	+ 3	SW	3	b	2	36	27	—	
Fanö	30.23	31	NNE	4	c	30.24	+ 15	29	29	— 4	NR	2	b	*	36	28	—	
Cuxhaven	29.98	?	NE	5	bc	30.14	+ 17	37	35	0	NE	5	b	*	39	31	0.06	
†Sumburgh Head	30.38	39	NNE	2	o	30.19	— 21	40	39	+ 2	NNW	3	bc	2	41	34	0.12	
†Stornoway	30.44	40	NW	1	o	30.22	— 10	40	38	0	Z	0	o	0	44	38	—	
Wick	30.41	40	NW	2	o	30.25	— 18	37	35	— 4	W	1	c	2	44	34	0.02	
Nairn	30.41	37	Z	0	o	30.32	— 09	37	34	+ 2	Z	0	bc	0	40	35	—	
†Aberdeen	30.40	39	NNW	2	o	30.32	— 07	37	35	+ 1	NNW	2	o	2	42	35	—	
Leith	30.41	39	Z	0	o	30.36	+ 01	36	33	— 4	W	1	o	*	42	33	0.01	
†Shields	30.37	39	N	3	o	30.37	+ 06	37	35	— 1	Z	0	om	4	43	33	0.04	
Spurn Head	30.26	42	ENE	8	bc	30.27	+ 11	41	39	— 1	NNE	4	c	5	44	35	0.13	
York	30.35	37	N	1	c	30.33	+ 09	36	35	0	N	1	o	*	44	31	0.03	
Nottingham	30.33	35	NNW	3	s	30.33	+ 14	36	34	0	NNW	2	o	*	44	31	0.07	
†Ardrossan	30.43	37	NNE	1	c	30.39	00	36	34	0	ENE	1	of	1	43	34	—	
†Mullaghmore	30.40	42	ESE	4	b	30.38	+ 03	37	35	— 5	SE	4	b	2	46	35	—	
Donaghadee	30.43	43	E	5	c	30.40	+ 06	36	33	— 5	W	1	c	0	45	30	—	
Parsonstown	30.39	39	NNE	1	bc	30.41	+ 07	31	31	0	S	1	bcg	*	46	25	—	
Barrow-in-Furness	30.36	38	NE	2	b	30.35	+ 05	37	34	+ 1	NE	2	bcg	2	50	31	—	
†Holyhead	30.34	42	ENE	3	c	30.37	+ 12	38	36	— 5	WSW	1	f	0	45	36	—	
Liverpool (Bidston)	30.34	37	NE	2	b	30.36	+ 10	35	33	0	NE	1	o	1	43	32	—	
†Valencia	30.34	39	ENE	2	b	30.35	+ 04	37	35	— 6	Z	0	bm	1	48	31	—	
Roche's Point	30.33	45	NE	3	b	30.35	+ 07	35	32	— 7	NE	3	b	3	49	32	—	
Pembroke	30.30	42	NE	2	bc	30.35	+ 15	37	35	— 2	NE	2	b	1	45	34	—	
†Scilly																		
Prawle Point	30.20	39	NNE	5	bc	30.31	+ 16	38	32	— 7	N	4	bc	4	47	35	—	
Hurst Castle	30.16	46	NE	4	b	30.25	+ 13	34	33	— 6	NNE	3	b	3	46	33	—	
†Dover	30.11	39	NNE	5	bc	30.15	+ 09	38	37	— 1	NE	5	bcg	2	45	35	0.42	
†London	30.18	37	NE	3	b	30.24	+ 11	36	24	— 1	NNE	2	bm	*	45	34	—	
Oxford	30.35	36	ENE	4	c	30.30	+ 14	32	31	— 4	N	1	b	*	45	31	0.05	
Cambridge	30.32	38	N	2	o	30.37	+ 13	23	30	— 4	N	1	c	*	45	31	0.08	
†Yarmouth	30.16	42	NE	7	c	30.20	+ 11	40	38	— 2	NNE	6	crg	5	45	37	0.22	
The Helder	30.12	38	NE	5	r	30.17	+ 11	39	36	0	ENE	2	bc	2	41	37	0.08	
Cape Gris Nez	30.10	41	ENE	7	c	30.15	+ 12	33	33	— 8	Z	0	r	1	45	?	0.67	
†Jersey	30.13	39	NE	3	c	30.23	+ 11	42	37	— 3	NE	4	bc	4	48	37	0.30	
Brest	30.05	43	ENE	5	o	30.18	— 08	37	36	— 8	ENE	4	b	2	46	26	—	
Lorient	30.05	43	ENE	5	o	30.12	+ 03	37	36	— 8	ENE	4	b	2	46	26	—	
†Rochefort	29.97	47	NNE	5	o	30.03	— 04	36	34	— 3	NE	7	b	2	52	32	—	
Biarritz	30.00	45	E	4	c	29.96	— 06	39	34	— 3	E	1	bc	2	50	36	—	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*			*	*					*	*	*	*	
Charleville	30.04	46	N	2	b	30.00	+ 02	33	32	— 7	E	7	o	*	42	30	—	
Paris	30.03	42	NNE	5	c	30.10	+ 07	33	33	— 9	NNE	1	b	*	*	*	—	
Lyons	29.93	29	N	3	o	29.91		36	35		N	3	o	*	40	35	—	
Toulon	29.71	49	NNW	4	o	29.69	— 12	38	37	— 10	NNW	7	b	4	52	38	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.07	32	E	2	bc	29.08	+ 07	30	29	— 2	NNW	2	o	*	35	27	0.04	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.36	?	30	ENE	1	b	2	Valencia ...	30.31	46	40	NE	4	bc	4
Sumburgh Head	30.40	40	37	NNE	3	o	3	Scilly ...							
Stornoway ...	30.44	43	41	E	1	mm	1	Dover ...	30.07	44	40	ENE	4	b	2
Aberdeen ...	30.40	42	40	NNW	2	bc	4	London ...	30.14	44	39	NNE	3	cm	*
Shields ...	30.35	42	38	ENE	3	c	5	Yarmouth ...	30.23	41	40	NE	6	rgl	5
Ardrossan ...	30.41	42	40	ENE	2	c	1	Jersey ...	30.09	44	40	NE	4	o	3
Mullaghmore ...	30.38	44	41	E	5	bc	3	Rochefort ...	30.01	49	44	N	4	b	2
Holyhead ...	30.30	45	42	ENE	4	bc	3								

Scarcely any change has occurred since the morning beyond a slight fall of the barometer over France and a slight general rise over these islands.

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) or 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 2 p.m. daily (Sundays excepted).

1881.

METEOROLOGICAL OFFICE

S. W.

WEATHER CHARTS

for 8 a.m. on Monday, 31st OCTOBER, 1881

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

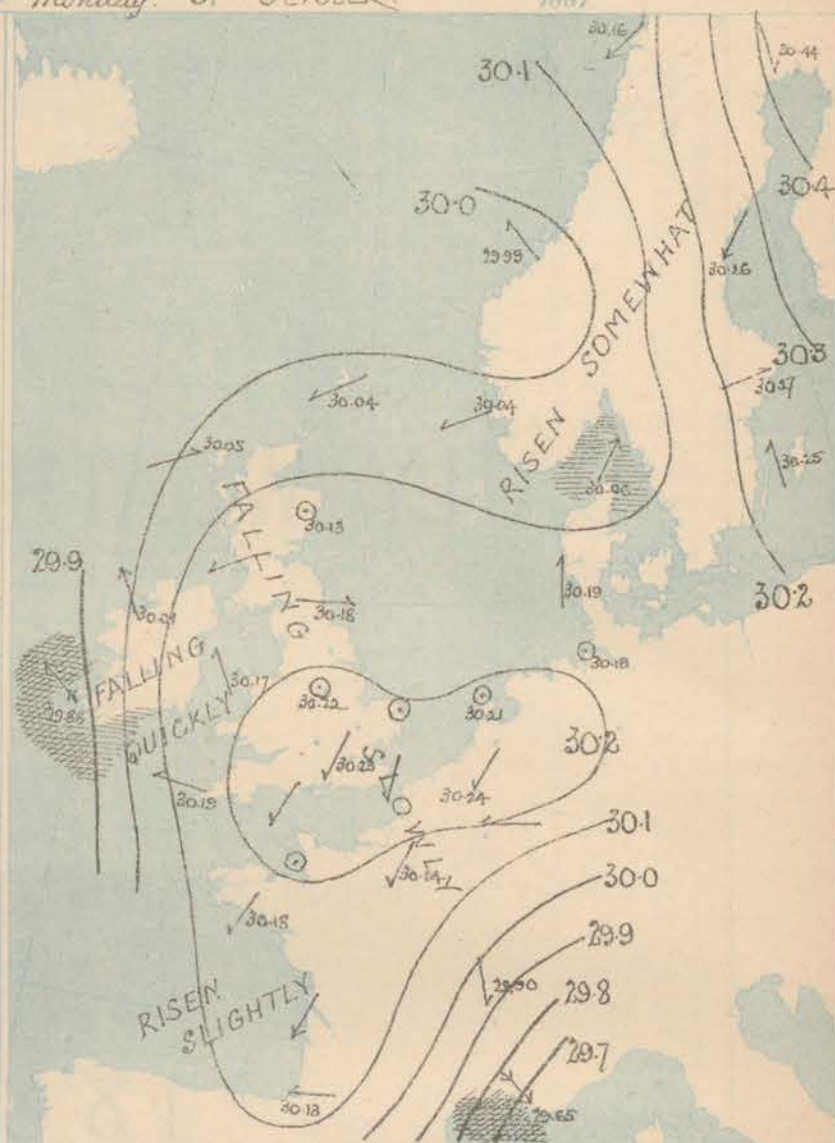
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough, - High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

Stations	Mean Readings Inch
Nairn	29.72
Aberdeen	29.70
Leith	29.77
Scarborough	29.83
Ardrossan	29.79
Greencastle	29.78
Holyhead	29.80
Valentia	29.86
Roche's Pt.	29.87
Plymouth	29.90
LONDON	29.97
Yarmouth	29.92

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

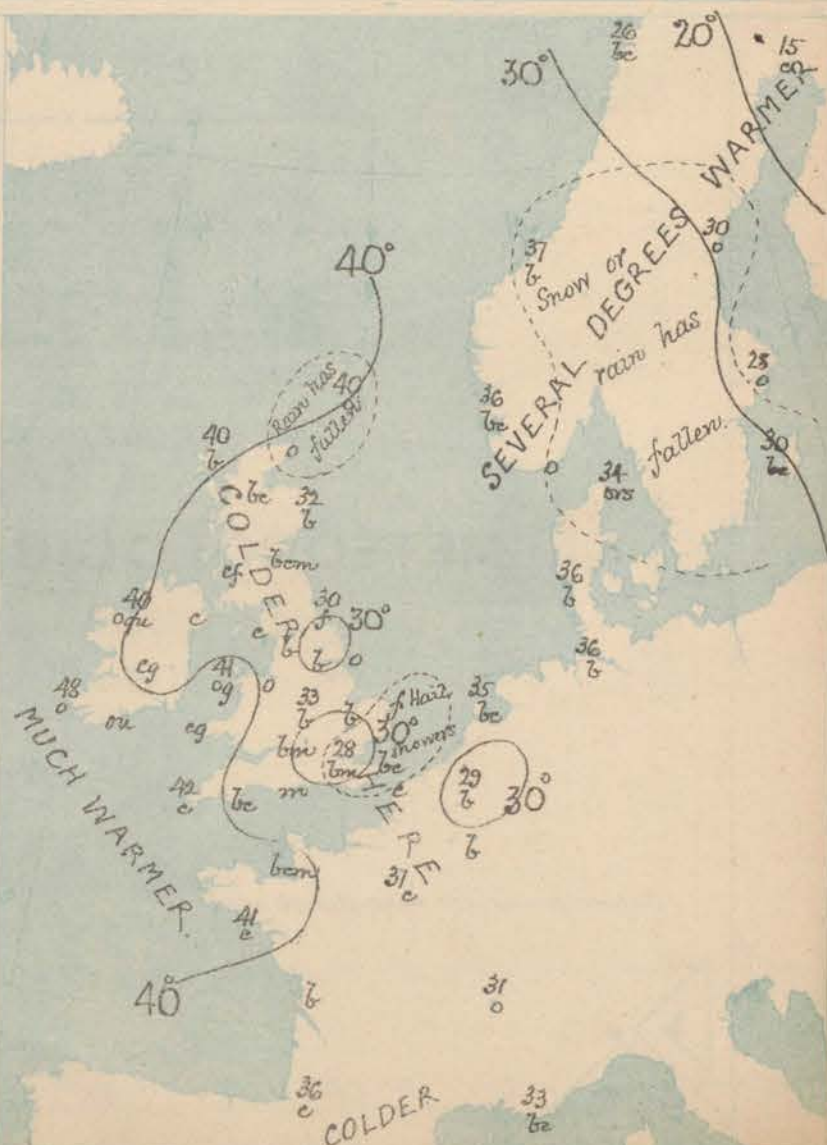
Falls of 0.6 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

Stations	Temp	Rain-fall
Sambargh Head	46.4	2.61
Suttonby	46.6	4.58
Aberdeen	47.4	3.29
Shields	49.3	2.91
York	48.9	2.58
Mullaghmore	49.1	?
Holyhead	51.3	4.44
Parsonstown	50.2	3.69
Valentia	51.9	7.41
Sally (St Mary's)	54.8	4.91
Hurst Castle	53.3	?
Dover	53.0	3.26
LONDON	52.3	2.84
Yarmouth	51.6	2.87

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 31st OCT^r 1881 at 8 a.m.

An important change of weather seems to be approaching our coasts. The area of high pressure shown during the past few days has been established over England and the north of France, while a rather large depression is apparently approaching the west of Ireland. A fall of nearly half an inch has occurred at Valencia, and the decrease seems to be spreading quickly over us. In consequence while light airs and calms prevail over England, and moderate NE^{ly} breezes over the Channel and France, strong S^{ly} and SE^{ly} winds and gales are reported from the S. and W. of Ireland. In the N. of Scandinavia pressure is increasing and N^{ly} winds are blowing. The weather is dull and unsettled in Ireland, but is quiet elsewhere; in most places it is moderately fine, but on the east coast and in London dense fog is reported. Heavy hail and rain showers occurred at Dover yesterday, and slight showers at some other east coast stations. Temperature has decreased several degrees over the E. of Great Britain & greater part of France, & in Ireland - as much as 11° in S. Ireland. Readings range from 48° at Valencia to 28° in London. During the night the thermometer fell to 24° at Portmarnock and 26° at Oxford. Sea is very rough at Valencia.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st NOVEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} backing to S ^{ly} breezes, light to moderate, or fresh; fair and cold to cloudy and milder.
2 SCOTLAND EAST	D°-----D°-----D°-----
3 ENGLAND NE	D°-----D°-----D°-----
4 ENGLAND EAST	Light variable to E ^{ly} and S ^{ly} breezes; foggy to fair.
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	Light breezes veering from N. to E. and S; fair to dull. Fog clearing in London towards evening, weather becoming milder.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ly} and S ^{ly} breezes, light to fresh; cloudy, milder.
7 ENGLAND N.W.	D°-----D°-----D°-----
8 ENGLAND S.W.	E ^{ly} to SE ^{ly} and S ^{ly} winds, freshening to a gale; cloudy, some rain.
9 IRELAND NORTH	SE ^{ly} and S ^{ly} fresh or strong winds; dull, rain.
10 IRELAND SOUTH	SE ^{ly} to S ^{ly} strong winds or gales; dull, some rain.
WARNINGS	The south cone was hoisted this morning in districts N°s 8 and 10.

METEOROLOGICAL OBSERVATIONS FOR

31st OCT.

1881.

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.		Difference from 8 a.m. yesterday.	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.		Dir.	Force (0 to 12).		Max.	Min.	
Haparanda	30.37	15	N	2	0		30.44	+ 1.9	15	15	+ 6	N	2	0	18	9	-
Hernösand	30.14	24	SSW	2	0		30.26	+ 1.1	30	28	+ 12	NR	6	0	36	12	0.32
Stockholm	30.14	24	SSW	2	0		30.27	+ 1.0	28	26	+ 4	WSW	2	0	28	19	-
Wisby	30.19	31	S	2	0		30.25	+ 1.0	30	30	- 1	S	2	0	37	28	0.16
Bodö	30.10	45	ENE	6	0		30.16	+ 1.9	26	24	- 2	ENE	4	0	?	16	-
Christiansund	29.92	27	SSW	3	0		29.99	+ 0.6	37	34	0	SE	3	0	37	27	0.08
†Skudesnaes	30.01	40	NW	2	0		30.04	- 1.4	36	35	0	ENE	2	0	41	36	-
Oslo (Christiansund)	30.06	34	WNW	2	0		30.04	- 1.0	35	34	+ 8	NNE	4	0	37	?	0.12
Skagen (The Skaw)	30.11	34	WSW	4	0		30.06	- 1.3	34	34	- 0	SSW	7	0	37	?	0.16
Faro	30.20	33	S	2	0		30.19	- 0.5	36	34	+ 7	S	2	0	37	28	-
Cuxhaven	30.16	?	NE	4	0		30.19	+ 0.5	36	35	- 1	Z	0	0	37	34	-
†Sumburgh Head	30.10	43	WNW	3	0		30.04	- 1.5	40	40	0	ENE	1	0	48	36	0.12
†Stornoway	30.23	41	WNW	1	0		30.05	- 2.7	40	39	0	WSW	4	0	46	38	-
Wick	30.18	38	NW	2	0		30.08	- 1.7	38	35	+ 1	NW	1	0	45	33	0.08
Nairn	30.24	38	W	2	0		30.11	- 2.1	39	36	+ 2	Z	0	0	42	37	-
†Aberdeen	30.20	40	WNW	2	0		30.13	- 1.9	32	31	- 5	W	1	0	44	31	-
Leith	30.25	40	W	1	0		30.14	- 2.2	28	27	- 8	WSW	1	0	46	27	-
†Shields	30.27	39	NW	2	0		30.18	- 1.9	30	29	- 7	W	1	0	41	28	-
Spurn Head	30.23	38	NW	4	0		30.20	- 0.7	39	37	- 2	W	3	0	44	36	0.02
York	30.28	39	N	1	0		30.18	- 1.5	28	28	- 8	Z	0	0	41	28	-
Nottingham	30.29	37	NNW	1	0		30.22	- 1.1	33	33	- 3	ENE	1	0	43	31	-
†Ardrossan	30.29	40	Z	0	0		30.15	- 2.4	37	36	+ 1	ENE	2	0	42	35	-
†Mullaghmore	30.29	37	S	2	0		30.01	- 3.7	40	37	+ 3	SE	5	0	47	36	-
Donaghadee	30.33	34	W	1	0		30.15	- 2.5	32	31	- 4	SW	2	0	41	26	-
Parsonstown	30.32	37	SE	1	0		30.08	- 3.3	38	34	+ 7	SE	1	0	46	34	-
Barrow-in-Furness	30.28	38	ENE	2	0		30.19	- 1.6	32	30	- 5	NE	2	0	46	29	-
†Holyhead	30.31	42	E	1	0		30.17	- 2.0	41	39	+ 3	SE	2	0	45	37	-
Liverpool (Bidston)	30.30	40	NW	1	0		30.20	- 1.6	35	33	0	SE	2	0	42	33	-
†Valencia	30.26	43	SE	3	0		29.88	- 4.7	48	45	+ 11	SE	8	0	50	35	-
Roche's Point	30.26	46	SE	4	0		30.04	- 3.1	46	44	+ 11	SE	6	0	51	35	-
Pembroke	30.31	38	ENE	1	0		30.17	- 1.8	42	40	+ 5	ENE	4	0	43	35	-
†Scilly																	
Prawle Point	30.27	37	N	2	0		30.22	- 0.9	36	35	+ 3	ENE	3	0	47	33	-
Hurst Castle	30.25	39	NE	3	0		30.24	- 0.1	32	31	- 2	NE	3	0	45	28	-
†Dover	30.19	38	NNE	4	0		30.21	+ 0.6	36	35	- 2	N	2	0	41	34	0.46
†London	30.24	40	NE	3	0		30.23	- 0.1	28	28	- 8	NE	1	0	45	27	-
Oxford	30.28	35	N	1	0		30.24	- 0.6	26	25	- 6	Z	0	0	45	26	-
Cambridge	30.26	37	N	1	0		30.22	- 0.5	28	23	- 5	Z	0	0	45	26	-
†Yarmouth	30.20	41	ENE	4	0		30.20	- 0.0	38	37	- 2	Z	0	0	43	35	0.22
The Helder	30.20	38	ENE	1	0		30.21	+ 0.4	35	33	- 4	S	1	0	39	34	-
Cape Gris Nez	30.20	38	ENE	4	0		30.21	+ 0.6	34	33	+ 1	SE	3	0	45	32	-
†Jersey	30.23	43	NE	3	0		30.24	+ 0.1	41	39	- 1	ENE	1	0	44	38	0.01
Brest																	
Lorient	30.16	42	ENE	5	0		30.18	+ 0.6	41	38	+ 4	NE	4	0	46	36	-
†Rochefort	30.11	39	ENE	5	0		30.16	+ 1.3	34	32	- 2	NE	7	0	50	30	-
Biarritz	30.06	45	NE	5	0		30.13	+ 1.7	36	32	- 3	E	3	0	48	32	-
Corunna																	
Brussels							30.24		29	28		NE	3	0	29	28	-
Charleville	29.93	37	E	8	0		30.14	+ 1.4	33	32	0	E	4	0	46	29	-
Paris	30.08	39	ENE	4	0		30.14	+ 0.4	31	31	- 3	NE	4	0	*	*	-
Lyons	29.93	32	N	4	0		29.90	- 0.1	31	30	- 5	N	4	0	37	30	-
Toulon	29.70	40	NW	8	0		29.65	- 0.4	33	32	- 5	NW	8	0	48	34	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.01	29	SSW	1	0		29.92	- 1.6	23	22	- 7	SE	1	0	36	20	-

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

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	30.10	41	33	SE	4	0	3	Valencia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			*
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort	30.08	43	41
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 (hazy) 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 2 p.m. daily (Sundays excepted).

OCT $\frac{R}{13}$ 1881

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.				8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				Force. (0 to 12).	Dir.		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.	
1st	Barnstable Hd.	30.27	48	2	0	0	30.33	+ .15	53	53	+ 1	1	58	45				
	Sally	30.27	48	2	0	0	30.33	+ .15	53	53	+ 1	1	58	45				
	Cornwall	30.27	48	2	0	0	30.33	+ .15	53	53	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.27	48	2	0	0	30.33	+ .15	53	53	+ 1	1	58	45				
	Sally 2pm	30.27	48	2	0	0	30.33	+ .15	53	53	+ 1	1	58	45				
	Barnstable Hd.	30.30	53	2	0	0	30.30	+ .03	51	50	+ 1	1	58	45				
	Sally	30.15	51	2	0	0	30.11	+ .09	50	50	+ 1	1	58	45				
	Cornwall	30.34	51	2	0	0	30.35	+ .01	50	50	+ 1	1	58	45				
	Barnstable Hd.	30.26	51	2	0	0	30.26	+ .05	51	51	+ 1	1	58	45				
	Sally	30.08	50	2	0	0	30.08	+ .06	51	51	+ 1	1	58	45				
	Cornwall	30.08	50	2	0	0	30.08	+ .06	51	51	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.31	50	2	0	0	30.31	+ .17	51	51	+ 1	1	58	45				
	Sally 2pm	30.08	50	2	0	0	30.08	+ .17	51	51	+ 1	1	58	45				
	Cornwall	30.08	50	2	0	0	30.08	+ .17	51	51	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.45	51	2	0	0	30.45	+ .04	51	51	+ 1	1	58	45				
	Sally 2pm	30.08	51	2	0	0	30.08	+ .04	51	51	+ 1	1	58	45				
	Cornwall	30.08	51	2	0	0	30.08	+ .04	51	51	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.50	49	2	0	0	30.50	+ .02	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	52	2	0	0	30.26	+ .17	51	51	+ 1	1	58	45				
	Cornwall	30.26	52	2	0	0	30.26	+ .17	51	51	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.42	48	2	0	0	30.42	+ .31	50	50	+ 1	1	58	45				
	Sally 2pm	30.45	55	2	0	0	30.45	+ .07	50	50	+ 1	1	58	45				
	Cornwall	30.45	55	2	0	0	30.45	+ .07	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.18	52	2	0	0	30.18	+ .01	52	52	+ 1	1	58	45				
	Sally 2pm	30.21	52	2	0	0	30.21	+ .01	52	52	+ 1	1	58	45				
	Cornwall	30.18	52	2	0	0	30.18	+ .01	52	52	+ 1	1	58	45				
	Barnstable Hd.	30.17	52	2	0	0	30.17	+ .01	52	52	+ 1	1	58	45				
	Sally	30.17	52	2	0	0	30.17	+ .01	52	52	+ 1	1	58	45				
	Cornwall	30.17	52	2	0	0	30.17	+ .01	52	52	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.07	51	2	0	0	30.07	+ .01	52	52	+ 1	1	58	45				
	Sally 2pm	30.03	51	2	0	0	30.03	+ .01	52	52	+ 1	1	58	45				
	Cornwall	30.03	51	2	0	0	30.03	+ .01	52	52	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.01	55	2	0	0	30.01	+ .25	53	53	+ 1	1	58	45				
	Sally	30.01	55	2	0	0	30.01	+ .25	53	53	+ 1	1	58	45				
	Cornwall	30.01	55	2	0	0	30.01	+ .25	53	53	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.20	50	2	0	0	30.20	+ .25	53	53	+ 1	1	58	45				
	Sally 2pm	30.07	51	2	0	0	30.07	+ .25	53	53	+ 1	1	58	45				
	Cornwall	30.07	51	2	0	0	30.07	+ .25	53	53	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.26	48	2	0	0	30.26	+ .50	51	51	+ 1	1	58	45				
	Sally 2pm	30.15	53	2	0	0	30.15	+ .20	50	50	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .20	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26	50	50	+ 1	1	58	45				
	Sally 2pm	30.26	48	2	0	0	30.26	+ .10	51	51	+ 1	1	58	45				
	Cornwall	30.15	53	2	0	0	30.15	+ .03	50	50	+ 1	1	58	45				
	Barnstable Hd. 2pm	30.59	51	2	0	0	30.59	+ .26										

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

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.	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.		
18 th	Wick.	30.18	45				30.32	+	38	45	42	+					46	43	0.07
	Bomburgh Hd.	30.06	47	SE	2		30.11	-	01	50	49	-	SE	2			50	49	0.04
	Silly	30.14	47	SE	2		29.93	-	29	52	51	-	SE	2			52	51	0.04
	The Alder	30.46	44	SE	2		30.38	-	17	40	39	-	SE	2			40	39	0.04
	Corunna			SE	2		29.79	-	16	34	33	-	SE	2			34	33	0.04
	Bomburgh Hd. 2pm						30.10	-		50	49	-					50	49	0.04
	Silly 2pm						29.92	-		54	53	-					54	53	0.04
19 th	Bomburgh Hd.	30.22	49	SE	2		30.41	+	30	54	53	+	SE	2			54	53	0.04
	Silly	29.91	53	SE	2		29.77	-	16	51	50	-	SE	2			51	50	0.04
	The Alder	30.36	44	SE	2		30.13	-	08	42	40	-	SE	2			42	40	0.04
	Jersey	30.09	50	SE	2		30.08	-	19	42	39	-	SE	2			42	39	0.04
	Corunna			SE	2		29.87	-	21	34	33	-	SE	2			34	33	0.04
	Bomburgh Hd. 2pm						30.45	+		54	53	+					54	53	0.04
	Silly 2pm						29.69	-	09	52	51	-					52	51	0.04
20 th	Bomburgh Hd.	30.36	45	SE	2		30.29	+	02	44	43	+	SE	2			44	43	0.04
	Silly	30.47	46	SE	2		30.43	+	30	46	45	+	SE	2			46	45	0.04
	The Alder	29.64	50	SE	2		29.47	-	30	48	47	-	SE	2			48	47	0.04
	Jersey	29.81	48	SE	2		29.62	-	41	42	39	-	SE	2			42	39	0.04
	Corunna			SE	2		29.43	-	15	53	52	-	SE	2			53	52	0.04
	Bomburgh Hd. 2pm						30.37	+		48	47	+					48	47	0.04
	Silly 2pm						29.30	-		50	49	-					50	49	0.04
	Jersey 2pm						29.53	-		44	43	-					44	43	0.04
21 st	Bomburgh Hd.	30.32	48	SE	2		30.21	+	22	48	46	+	SE	2			48	44	0.06
	Silly	29.84	49	SE	2		29.52	-	16	47	46	-	SE	2			47	44	0.06
	The Alder	29.58	52	SE	2		29.42	-	08	47	46	-	SE	2			47	44	0.06
	Jersey	29.40	45	SE	2		29.81	-	32	43	41	-	SE	2			43	41	0.06
	Corunna	29.82	44	SE	2		29.60	-	02	52	51	-	SE	2			52	48	0.06
	Bomburgh Hd. 2pm	29.63	59	SE	2		29.74	+	22	55	54	+	SE	2			55	54	0.06
	Silly 2pm						29.87	+	06	59	58	+	SE	2			59	58	0.06
22 nd	Bomburgh Hd.	30.24	45	SE	2		30.15	+	15	48	46	+	SE	2			48	46	0.06
	Silly	29.48	50	SE	2		29.16	-	36	51	50	-	SE	2			51	50	0.06
	The Alder	29.24	56	SE	2		28.93	-	49	57	56	-	SE	2			57	56	0.06
	Jersey	29.82	55	SE	2		29.25	-	35	52	52	-	SE	2			52	50	0.06
	Corunna			SE	2		28.98	-	39	59	58	-	SE	2			59	58	0.06
	Bomburgh Hd. 2pm						30.04	+		44	42	+					44	42	0.06
	Silly 2pm						28.81	-		56	55	-					56	55	0.06
23 rd	Bomburgh Hd.	30.01	44	SE	2		29.18	-	02	45	43	-	SE	2			45	40	0.08
	Silly	28.78	52	SE	2		29.08	-	18	47	46	-	SE	2			47	45	0.08
	The Alder	29.15	58	SE	2		29.86	+	15	57	56	+	SE	2			57	56	0.08
	Jersey	29.11	56	SE	2		29.11	+	01	46	45	+	SE	2			46	45	0.08
	Corunna	29.82	56	SE	2		29.47	+	21	49	49	+	SE	2			49	49	0.08
	Bomburgh Hd. 2pm	29.19	57	SE	2		29.43	+	35	56	55	+	SE	2			56	54	0.08
	Silly 2pm	29.44	56	SE	2		29.87	+	21	55	55	+	SE	2			55	53	0.08
	Jersey	29.53	63	SE	2		29.77	+	33	59	58	+	SE	2			59	58	0.08
	Corunna			SE	2		29.81	+		57	56	+	SE	2			57	56	0.08
24 th	Bomburgh Hd.	30.21	32	SE	2		30.15	+	09	48	46	+	SE	2			48	46	0.08
	Silly	30.21	31	SE	2		29.50	-		59	56	-	SE	2			59	56	0.08
	The Alder	30.09	36	SE	2		29.63	-		60	58	-	SE	2			60	58	0.08
	Jersey	30.48	57	SE	2		30.28	+		26	24	+	SE	2			26	24	0.08
	Corunna	30.21	36	SE	2		30.19	+		35	33	+	SE	2			35	33	0.08
	Bomburgh Hd. 2pm	30.16	40	SE	2		30.04	+		37	35	+	SE	2			37	36	0.08
	Silly 2pm	30.12	43	SE	2		30.09	+	04	34	33	+	SE	2			34	33	0.08
	Jersey	30.16	43	SE	2		30.02	-	03	39	37	-	SE	2			39	38	0.08
	Corunna	30.16	43	SE	2		30.11	+	13	42	40	+	SE	2			42	40	0.08
	Bomburgh Hd. 2pm	30.16	43	SE	2		29.65	-	22	44	43	-	SE	2			44	43	0.08
	Silly 2pm	30.51	55	SE	2		29.66	+	09	53	51	+	SE	2			53	51	0.08
	Jersey	29.64	56	SE	2		29.58	-	03	50	48	-	SE	2			50	48	0.08
	Corunna			SE	2		30.02	-		57	55	-	SE	2			57	55	0.08
	Bomburgh Hd. 2pm						29.71	-		49	48	-					49	48	0.08
	Silly 2pm						29.75	-		49	48	-					49	48	0.08
25 th	Bomburgh Hd.	30.08	46	SE	2		30.00	+	10	48	42	+	SE	2			48	42	0.08
	Silly	29.84	51	SE	2		30.00	+	35	47	45	+	SE	2			47	45	0.08
	The Alder	29.86	48	SE	2		30.01	+	35	48	46	+	SE	2			48	45	0.08
	Jersey			SE	2		29.58	-		46	42	-	SE	2			46	42	0.08
	Corunna			SE	2		30.35	+		49	45	+	SE	2			49	45	0.08
	Bomburgh Hd. 2pm						30.03	-		50	47	-					50	47	0.08
	Silly 2pm						30.34	+	03	45	43	+					45	43	0.08
26 th	Bomburgh Hd.	30.36	35	SE	2		30.33	+	17	45	43	+	SE	2					