

19,796

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,
1881.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN 1ST TO JUNE 30TH 1881



DAILY WEATHER REPORT

F O R

FRIDAY, 1st APRIL.

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 FRIDAY, 1st APRIL.

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.

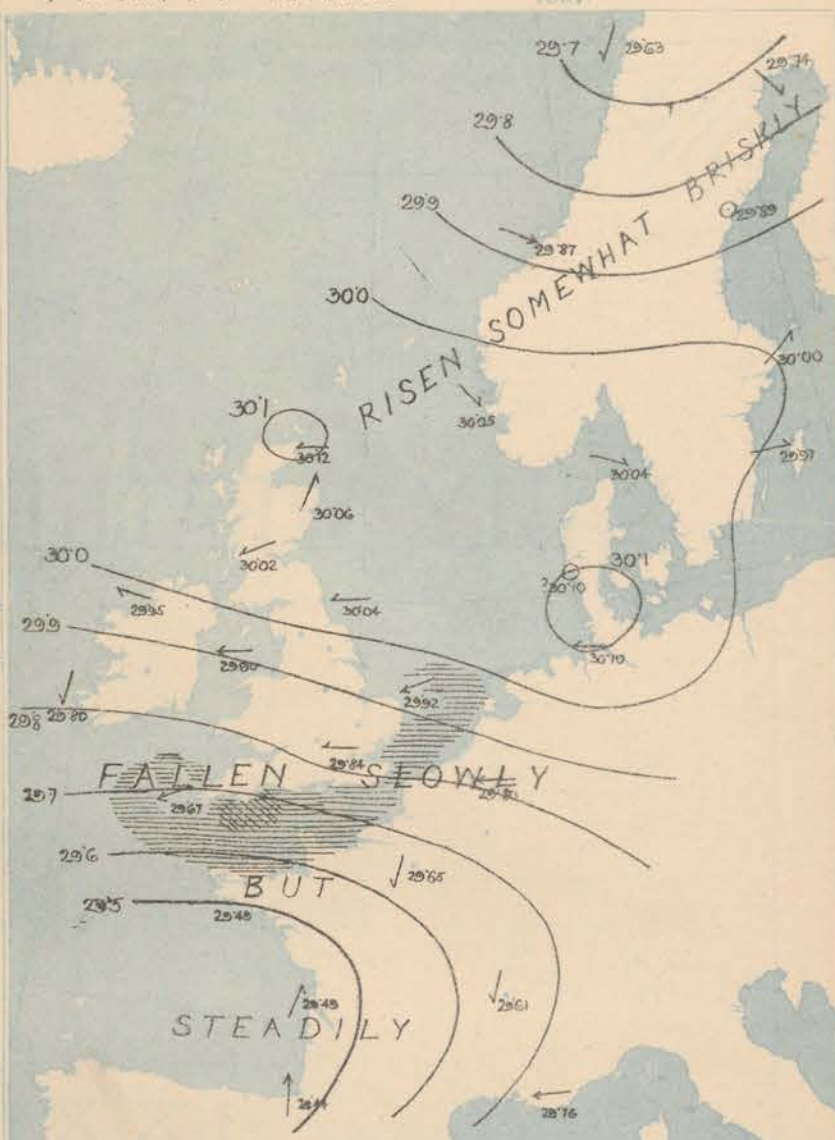
Sea Disturbance, where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings 10s.
Nairn	29.806
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.929
Roches Pt.	29.958
Plymouth	29.978
LONDON	29.966
Vermouth	29.948

These means are for the 10 years 1866-76. 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.

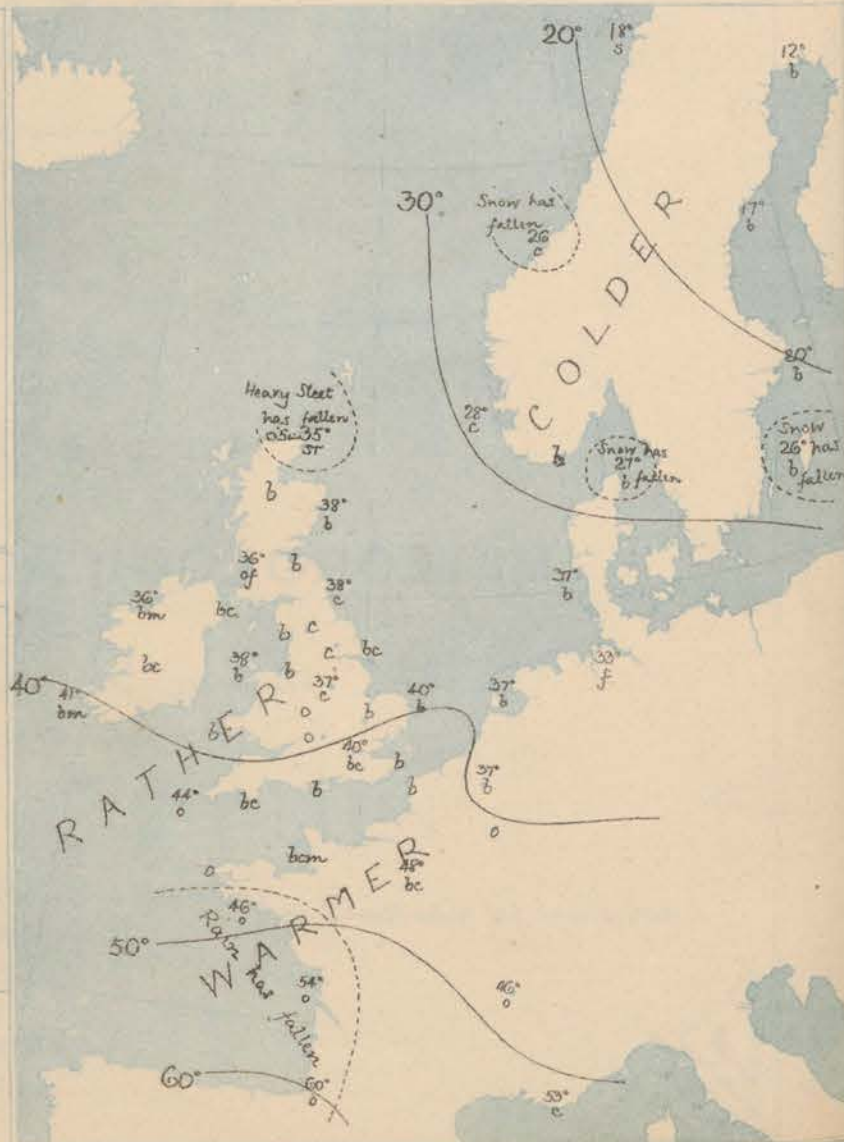
MEANS OF TEMPERATURE

AND RAINFALL

for the month of April

Stations	Temp.	Rain-fall
Sandburgh Head	42.7	1.86
Stornoway	43.9	2.87
Aberdeen	45.3	2.14
Shetlands	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	1.70
Holyhead	48.2	1.67
Parsonstown	48.5	1.25
Valentia	49.6	3.64
Sally (St Mary's)	51.8	2.01
Hurst Castle	49.5	1.70
Dover	48.8	1.69
LONDON	49.2	1.45
Karacanth	47.5	1.73

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 Friday 1st April 1881 at 8 a.m.

The mercury is rising at present over Scandinavia and the N. of Scotland, and a large area of high readings lies over Scotland, the North Sea, Denmark, and the south of Sweden and Norway, but over the whole of Ireland, England, and France the barometer is falling, and a slight but well marked depression is advancing over the Bay of Biscay apparently from W. or W.S.W. At the same time a second area of low pressure lies over the N. of Norway. S² and S.W.² winds are reported from the S.W. of France, but in the N. of that country, as well as over the Netherlands, and all our coasts the wind is E². In most places it is moderate in force, but over the Channel it blows strongly or with the force of a moderate or fresh gale. The weather remains very fine generally, but in the N. of France and at Scilly the sky is overcast, while at Wick a heavy fall of sleet is reported. The amount measured at Wick is nearly half an inch, but this is the only fall of rain or snow over the British Isles. Temperature has risen slightly in most places, and readings range from 44° at Exeter to 34° at Leith. Frost was again experienced in the N. and E. Sea is rough in the S.W. and S.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

2nd APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Light E² or variable breezes; fine, cold.

1 SCOTLAND EAST

2 ENGLAND N.E.

Light to fresh E² winds; fair, some cloud.

3 ENGLAND EAST

E² winds, freshening to a gale in squalls; fine.

4 MIDLAND COUNTIES

NE² and E² winds, moderate; fine.

5 ENGLAND SOUTH

E² winds, strong to a gale; fine.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

E² winds, moderate; fine.

7 ENGLAND N.W.

E² winds, fresh; fine.

8 ENGLAND S.W.

E² to NE² winds, strong to a gale; fine, cloudy in places.

9 IRELAND NORTH

NE² and E² winds, moderate; weather fine and cold.

10 IRELAND SOUTH

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR

1st APRIL

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.		SEADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	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	29.56	16	NW	2	b	29.74	+55	12	10	-9	NW	2	b	*	27	7	-		
Hernösand	29.77	22	Z	0	b	29.89	+43	17	16	-7	Z	0	b	*	39	12	-		
Stockholm	29.82	22	SW	2	b	30.00	+38	20	18	0	SW	2	b	*	30	14	-		
Wisby	29.79	26	W	2	b	29.97	+36	26	24	0	W	4	b	*	34	18	0.08		
Bodö	29.64	22	NW	4	s	29.63	+23	18	17	-9	NNE	2	s	2	27	18	-		
Christiansund	29.82	28	WSW	3	c	29.87	+23	26	23	-1	WSW	7	c	4	30	16	0.08		
†Skudesnaes	30.02	29	NNW	2	o	30.05	+30	28	27	-1	NNW	2	c	2	32	28	-		
Oxö (Xiansund)	29.96	30	WNW	4	b	30.02	+27	24	23	-9	NNW	4	b	1	36	23	-		
Skagen (The Skaw)	29.94	32	WNW	3	b	30.04	+26	27	25	-3	WNW	2	b	2	34	25	0.04		
Fanö	30.07	34	NW	1	b	30.00	-03	37	35	-1	Z	0	b	*	39	28	-		
Cuxhaven	30.20	38	N	1	b	30.10	-03	33	33	-4	E	2	f	*	?	30	-		
†Sumburgh Head																			
†Stornoway																			
Wick	30.03	38	E	1	o	30.12	+17	35	34	-3	E	2	rs	3	42	32	0.45		
Nairn	30.04	42	Z	0	bc	30.04	-01	35	33	+3	Z	0	b	1	48	30	-		
†Aberdeen	30.04	42	S	1	bc	30.06	+02	38	36	+4	SSW	1	b	1	49	30	-		
Leith	30.03	40	ENE	1	b	30.05	-02	34	31	-2	ESE	1	b	*	49	25	-		
†Shields	30.05	38	SE	3	b	30.04	-08	38	36	+6	E	2	c	2	44	30	-		
Spurn Head	30.04	35	ENE	4	b	30.01	-10	40	37	+3	ENE	4	bc	4	41	35	-		
York	30.05	41	ESE	1	b	30.02	-12	35	33	+6	ENE	1	c	*	48	27	-		
Nottingham	30.02	39	NE	4	b	29.98	-14	37	35	+2	NE	4	o	*	47	29	-		
†Ardrossan	30.02	42	Z	0	b	30.02	-08	36	35	+4	ENE	3	of	2	47	31	-		
†Mullaghmore	29.93	45	E	6	bm	29.95	-09	36	35	+2	ESE	4	bm	3	46	34	-		
Donaghadee	30.01	38	ENE	3	bc	30.00	-10	39	36	+2	E	3	bc	1	44	37	-		
Parsonstown	29.91	44	E	2	c	29.89	-13	36	35	+2	NE	2	bc	*	49	29	-		
Barrow-in-Furness	29.99	43	ESE	3	b	29.99	-11	34	32	0	NE	3	b	2	48	30	-		
†Holyhead	29.92	42	E	4	b	29.90	-14	38	35	+4	E	5	b	4	46	32	-		
Liverpool (Bidston)	29.96	43	E	2	b	29.95	-14	35	32	+1	ESE	1	b	1	45	30	-		
†Valentia	29.81	46	SSW	5	bm	29.80	-08	41	38	0	NNE	2	bm	3	50	35	-		
Roche's Point	29.86	42	E	5	bc	29.82	-11	41	38	+1	E	5	c	4	51	35	-		
Pembroke	29.82	46	E	4	b	29.77	-17	36	34	+2	ENE	4	b	2	48	31	-		
†Scilly	29.73	46	E	9	c	29.67	-12	44	44	-1	ENE	8	o	6	48	43	-		
Prawle Point	29.76	43	ENE	7	bc	29.70	-17	41	39	+3	ENE	7	bc	7	45	36	-		
Hurst Castle	29.83	43	E	6	b	29.75	-20	41	38	+2	E	6	b	5	47	35	-		
†Dover	29.84	42	ENE	5	b	29.78	-24	43	40	+3	ENE	4	b	6	43	38	-		
†London	29.82	39	E	5	b	29.84	-20	40	37	0	E	3	bc	*	47	32	-		
Oxford	29.94	37	ENE	4	b	29.87	-17	35	34	0	NNE	3	o	*	49	30	-		
Cambridge	29.98	40	E	2	b	29.88	-20	38	36	+1	NE	1	b	*	48	26	-		
†Yarmouth	30.01	38	ENE	5	b	29.92	-17	40	38	+3	ENE	5	b	5	40	34	-		
The Helder	30.04	37	NE	4	b	29.97	-15	37	34	+1	ENE	4	b	3	39	?	-		
Cape Gris Nez	29.86	42	NE	9	b	29.78	-20	33	32		E	7	b	2	46	28	-		
†Jersey	29.71	45	E	6	bm	29.65	-18	44	41	+4	ENE	5	bm	4	47	39	-		
Brest	29.59	49	E	5	o	29.56	-14	44	42	+8	E	5	o	3	54	36	0.12		
Lorient	29.56	48	ESE	7	A	29.49	-15	46	43	+8	E	5	o	3	52	36	0.04		
†Rochefort	29.54	58	E	5	c	29.49	-16	54	52	+9	SW	4	o	2	?	?	0.35		
Biarritz	29.48	64	S	4	c	29.44	-06	60	52	+2	S	7	o	2	68	54	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.80	-23	37	31	+4	E	5	b	*	48	32	-		
Charleville	29.83	50	ESE	4	b	29.75	-17	41	36	+7	SE	3	o	*	54	34	-		
Paris	29.77	?	NE	4	b	29.65	-22	48	43	+9	NE	3	bc	*	*	*	-		
Lyons	29.68	59	NE	1	z	29.61	-12	46	44	+5	NNE	1	o	*	50	?	-		
Toulon	29.77	53	SE	5	m	29.76	-00	53	52	+1	E	7	c	5	56	52	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.75	38	E	4	b	28.72	-11	30	29	+3	ENE	4	c	*	41	24	-		

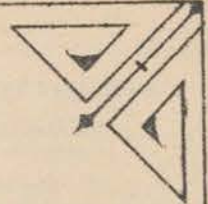

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.99	32	30	WNW	4	S	Valentia	29.84	49	43	E	5	b
Sumburgh Head							Scilly	29.77	48	46	E	9	o
Stornoway							Dover	29.94	42	37	E	5	b
Aberdeen	30.03	35	30	ESE	2	bc	London	29.94	44	38	E	6	b
Shields	30.05	41	38	Z	0	m	Yarmouth	30.05	40	36	ENE	4	b
Ardrossan	30.07	43	41	Z	0	b	Jersey	29.74	46	42	E	6	b
Mullaghmore	29.99	45	40	E	5	bm	Rochefort	29.56	64	57	E	8	bc
Holyhead	29.98	44	40	E	4	b							

Pressure has decreased in all places except Norway and the N. of Scotland. The wind is E. all over the country and fine bright weather prevails in all places except Wick where the sky is overcast with drizzling rain.

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 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. ‡ 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

SATURDAY, 2nd APRIL,

1881.

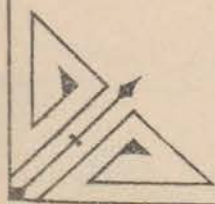
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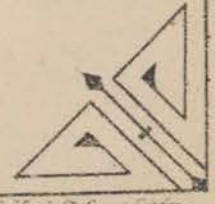
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dargatzidis, Lath 22 Bedford St. Great Britain

WEATHER CHARTS

for 8 a.m. on Saturday 2nd April.

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:
 → forces above 10; →→ forces 8 to 10
 →→ forces 5 to 7; →→ forces 1 to 4.
 ⊙ = dead calm.

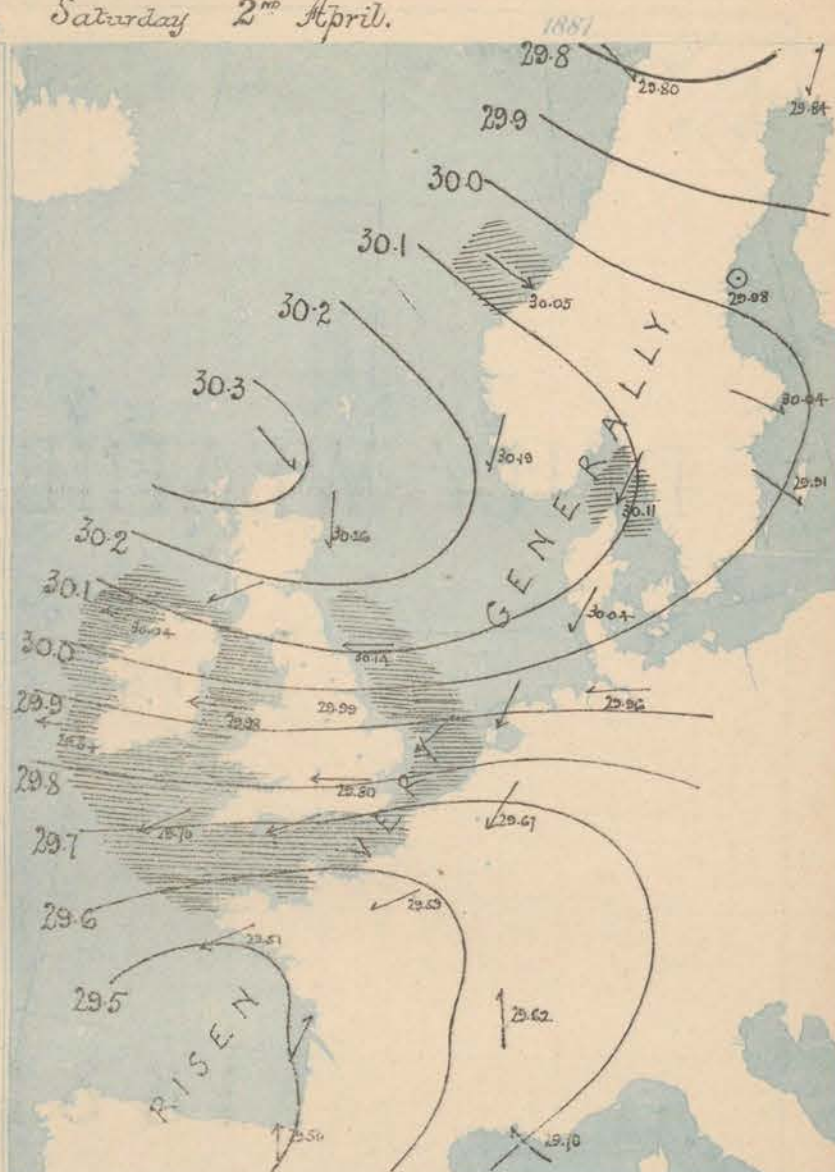
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings
	Inch.
Nairn	29.856
Aberdeen	29.867
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.890
Holyhead	29.921
Valentia	29.929
Koch's Pt.	29.958
Plymouth	29.970
LONDON	29.960
Vermouth	29.959

These means are for the 10 years 1868-78. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

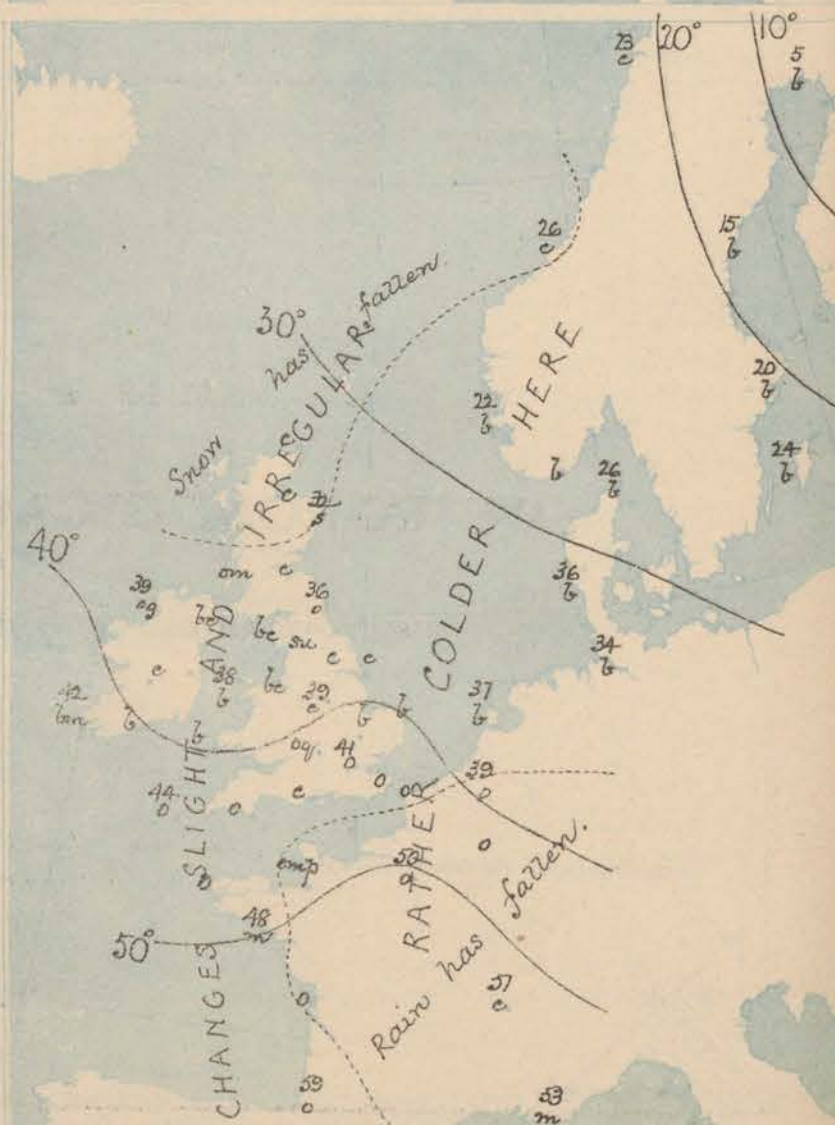
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m. Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of April

Stations.	Temp.	Rain Fall.
	°	in.
Sundarburgh Head	42.7	1.35
Sarnoway	43.9	2.67
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.10
Malborough	47.5	0.00
Holyhead	48.1	1.01
Portsmouth	48.5	1.95
Valentia	49.6	3.04
Sally (St Mary's)	51.8	2.01
Ilfracombe	52.5	0.00
Dover	54.8	1.00
LONDON	55.2	1.00
Kew	57.5	1.00

*The mean Temperatures are those for the 13 years 1867-79; the mean amounts of Rain are those for the 10 years 1868 to 1878.



REMARKS

for Saturday 2nd April 1881 at 8 a.m.

There is no important alteration to record. In all parts of Western Europe the mercury is rising and the area of high pressure in the N., as well as the depression over the Bay of Biscay holds its position with scarcely any change. Gradients are rather steep over Ireland and England. The wind is NW⁴ at Wick, and NW⁴ to N⁴ over the E- shores of the North Sea, but E⁴ winds are reported over the whole of England, Ireland, and the north of France, and S⁴ breezes in the SW. of France. The wind is strong to a gale on our SE. S. and W. coast, but is light or moderate elsewhere. The weather is much more cloudy than of late except on the E- shores of the North Sea, and at some of our W- and SW- stations, where the sky is quite clear. Snow is falling at Aberdeen. Slight snow has fallen in the E. of Scotland, during the past 24 hours and rain showers at Jersey and Rochefort. Temperature has fallen in the east, changed irregularly elsewhere. It ranges from 44° in the SW. to 32° in the NE. The sea is rough except in the NE.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

3rd APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ⁴ and N ⁴ winds, moderate, cloudy, some snow.
2 SCOTLAND EAST	Fresh or strong N ⁴ and E ⁴ winds, cloudy, some snow.
3 ENGLAND NE	-----
4 ENGLAND EAST	Strong E ⁴ and NE ⁴ winds, squally, rather cloudy and cold but dry.
5 MIDLAND COUNTIES	-----
6 ENGLAND SOUTH	-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Moderate E ⁴ winds; dull.
7 ENGLAND N.W.	Strong E ⁴ winds; cloudy and cold.
8 ENGLAND S.W.	-----
9 IRELAND NORTH	Strong E ⁴ winds, weather fair but cloudy at times.
10 IRELAND SOUTH	-----
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 2ND APRIL 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.							EAST 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 ...	29.80	14	S	4	b	29.84	+10	5	3	-7	NE	2	6	*	18	?	-
Hernösand ...	29.82	21	Z	0	b	29.98	+09	15	15	-2	2	0	6	*	39	5	-
Stockholm ...	29.93	22	WSW	2	b	30.04	+04	20	16	0	NW	2	6	*	34	12	-
Wisby ...	29.88	28	WSW	2	b	29.91	-06	24	?	-2	NW	2	6	*	34	14	-
Bodö ...	29.71	19	NNE	4	0	29.80	+17	23	21	+5	NW	4	6	*	?	16	-
Christiansund...	29.99	23	WSW	1	0	30.05	+18	26	24	0	WNW	6	6	9	29	12	0.03
†Skudesnaes ...	30.10	25	NNE	4	b	30.19	+14	22	20	-6	NNE	2	6	2	34	?	-
Oxö (Ålansund)...	30.01	32	WSW	2	c	30.13	+11	22	19	-2	N	4	6	2	34	21	-
Skagen (The Skaw)	30.00	32	WSW	3	c	30.11	+09	26	24	-1	NE	5	6	5	32	25	-
Fanö ...	30.04	33	E	4	b	30.04	+04	36	32	-1	NE	4	6	*	41	30	-
Cuxhaven ...	30.06	43	E	4	b	29.96	-14	34	32	+1	E	4	6	*	?	30	-
†Sumburgh Head																	
†Stornoway																	
Wick ...	30.18	38	NE	4	c	30.32	+20	32	30	-3	NW	2	6	3	35	29	0.06
Nairn ...	30.16	35	E	4	0	30.28	+24	32	30	-3	E	1	6	3	37	30	0.01
†Aberdeen ...	30.13	36	ENE	4	8	30.26	+20	32	29	-6	N	4	5	3	43	31	0.01
Leith ...	30.04	40	E	1	b	30.20	+15	36	32	+2	E	4	6	*	44	32	-
†Shields ...	30.00	39	ENE	2	0	30.14	+10	36	35	-2	E	5	6	5	42	34	0.02
Spurn Head ...	29.93	38	ENE	6	c	29.99	-02	39	36	-1	ENE	7	6	6	41	36	-
York ...	29.94	41	ENE	1	b	30.06	+04	38	35	+3	ENE	4	6	*	50	33	-
Nottingham ...	29.89	41	NE	5	b	29.99	+01	39	36	+2	NE	6	6	*	51	35	-
†Ardrossan ...	29.98	43	NE	4	b	30.18	+16	35	34	-1	ENE	4	om	2	43	32	-
†Mullaghmore ...	29.89	46	NE	6	b	30.04	+09	39	37	+3	E	7	om	6	49	35	-
Donaghadee ...	29.92	44	N	3	c	30.11	+11	38	35	-1	ENE	7	6	5	46	36	-
Parsonstown ...	29.85	45	NE	2	0	29.96	+09	39	36	+3	NE	4	6	*	51	34	-
Barrow-in-Furness	29.85	45	ENE	3	b	30.00	+01	39	36	+5	NE	5	6	3	54	34	-
†Holyhead ...	29.83	44	ENE	5	b	29.98	+08	38	36	0	E	6	6	5	45	35	-
Liverpool (Biston)	29.85	44	ENE	3	b	30.00	+05	37	34	+2	ENE	4	6	2	48	35	-
†Valentia ...	29.85	53	ENE	4	b	29.84	+04	42	38	+1	NE	5	6	5	56	35	-
Roche's Point...	29.81	43	E	4	b	29.85	+03	40	37	-1	E	5	6	5	49	35	-
Pembroke ...	29.67	50	NE	3	b	29.81	+04	38	35	+2	ENE	4	6	2	52	34	-
†Scilly ...	29.65	49	NE	5	0	29.70	+03	44	44	0	ENE	6	6	5	50	42	-
Prawle Point ...	29.62	46	ENE	4	0	29.70	00	39	38	-2	NE	7	6	6	50	36	-
Hurst Castle ...	29.62	46	E	5	c	29.73	-02	41	39	0	ENE	6	6	5	48	40	-
†Dover ...	29.65	46	NE	5	b	29.72	-06	42	40	-1	ENE	6	6	5	47	41	-
†London ...	29.72	46	E	6	b	29.80	-04	41	36	+1	E	6	6	*	52	36	-
Oxford ...	29.80	41	ENE	3	b	29.88	+01	40	37	+5	NE	6	om	*	56	34	-
Cambridge ...	29.78	44	NE	2	b	29.87	-01	41	39	+3	NE	2	6	*	53	34	-
†Yarmouth ...	29.81	41	ENE	5	b	29.88	-04	40	37	0	ENE	7	6	6	43	37	-
The Helder ...	29.83	41	NE	4	b	29.87	-10	37	34	0	NE	5	6	4	45	36	-
Cape Gris Nez ...	29.60	45	E	8	0	29.69	-09	41	40	+8	NE	8	6	6	50	32	-
†Jersey ...	29.58	45	ENE	4	om	29.63	-02	44	43	0	ENE	5	om	4	48	43	0.07
Brest ...	29.55	48	E	4	0	29.57	+01	45	44	+1	E	5	6	3	54	36	-
Lorient ...	29.47	54	ENE	3	0	29.51	+02	48	43	+2	ENE	5	m	4	57	43	-
†Rochefort ...	29.48	56	ENE	5	0	29.56	+09	54	52	0	SW	4	6	2	66	48	0.08
Biarritz ...	29.50	51	WSW	4	0	29.50	+06	59	52	-1	S	5	6	2	70	50	-
Coruna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	29.67	-13	39	38	+2	NE	5	6	*	55	?	0.24
Charleville ...	29.60	50	SE	1	0	29.58	-17	46	44	+5	E	1	6	*	61	28	0.24
Paris ...	29.53	58	NE	1	0	29.59	-06	50	49	+2	ENE	3	6	*	*	*	0.39
Lyons ...	29.52	55	S	1	0	29.62	+01	51	49	+5	S	1	6	*	61	?	0.04
Toulon ...	29.69	58	S	4	m	29.70	-06	53	52	0	SE	3	6	2	55	50	0.20

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

Hawes Junction	28.67	34	ENE	5	b	28.76	+04	32	32	+2	ENE	7	6	41	29	0.05	-
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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 ...	30.06	33	31	W	2	c	2	Valentia ...	29.76	53	45	NE	3	b m	4
Sumburgh Head								Scilly ...	29.65	48	47	E	8	0	6
Stornoway ...								Dover ..	29.69	45	41	ENE	5	c q	5
Aberdeen ...	30.07	42	39	SSE	2	0 q	1	London ...	29.73	51	44	E	5	b c	*
Shields ...	30.00	41	39	ENE	2	0	2	Yarmouth ...	29.84	43	39	ENE	5	6	5
Ardrossan ...	29.99	43	40	NE	4	0	1	Jersey ...	29.58	46	44	ENE	5	c	4
Mullaghmore ...	29.91	49	44	E	5	b m	4	Rochefort ...	29.48	59	55	S	4	a t	2
Holyhead ...	29.86	44	41	ENE	6	b	5								

The barometer is still falling except in the extreme N and moderate to strong E winds continue with generally fine weather. At Rochefort a Sth breeze is reported and a thunderstorm is in progress.

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. ngly, 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, 3RD APRIL,

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 3rd April.

1881

BAROMETER, WIND & SEA.

Explanation of Map.

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

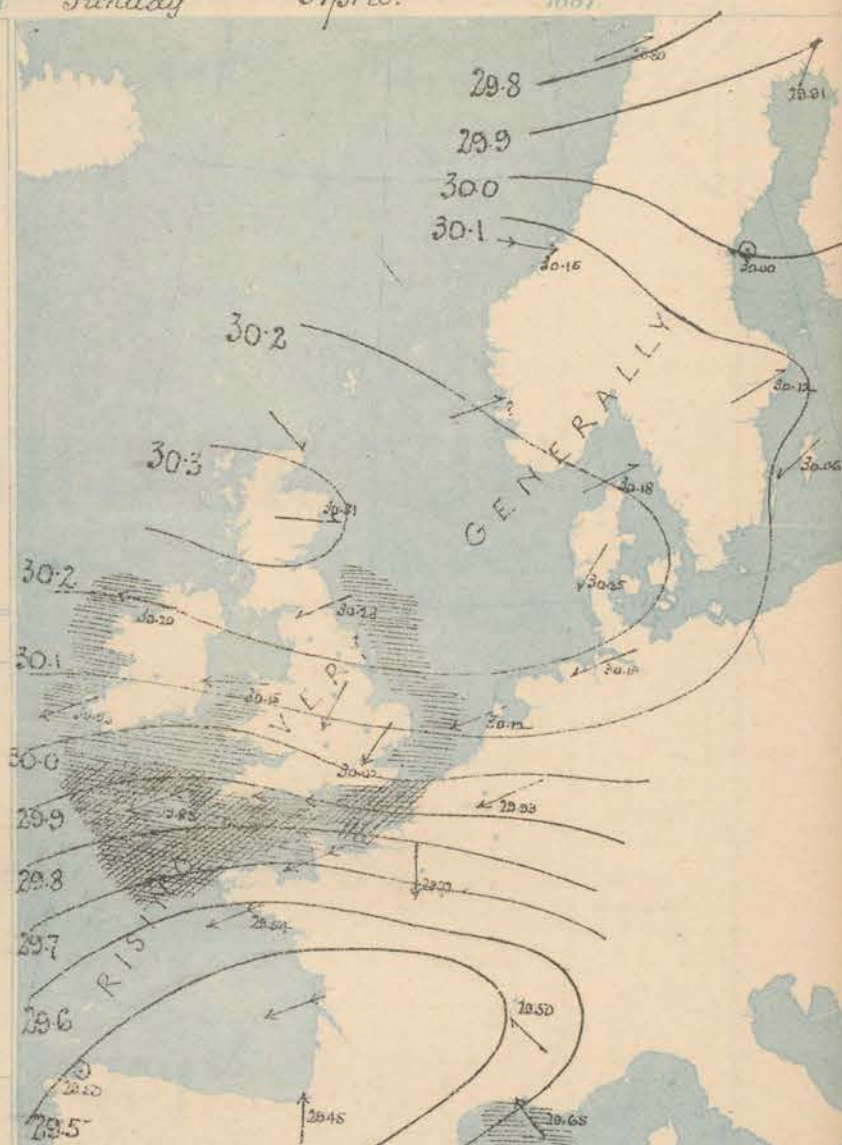
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations	Mean Readings Ina.
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valencia	29.929
Roche's Pt.	29.958
Plymouth	29.970
LONDON	29.966
Yarmouth	29.948

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



REMARKS

for Sunday 3rd April 1881 at 8 a.m.

The distribution of pressure has undergone very little alteration during the past 24 hours the areas of high and low pressure being still found over the N. of Scotland and the Bay of Biscay respectively. The wind which is E⁺ to NE⁺ all over France, and the whole of our islands except the N. of Scotland, is strong everywhere, attaining the force of a strong gale at several Channel stations. Temperature has fallen at all except a few Scandinavian stations, and is very low for the season; readings ranging from 41° at Jersey to 25° at Kiruna. Frost was experienced very generally during the night. Weather remains very fine and bright except in the S.W. of England, and at most of the French stations, where it is dull or misty, with rain is falling at Rochefort. At Christiansund and Skudenals snow is reported. The only rain which has fallen during the past 24 hours is 0.01 in. at Aberdeen. The sea is high in the Channel, rough on all other except the N. and E. coasts of Scotland.

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 3RD APRIL 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 ...	29.86	7	SW	2	b	29.91	+ .07	3	2	—	2	SW	2	b	*	18	1	—	
Hernösand ...	30.02	11	Z	0	b	30.00	+ .02	17	16	+	2	Z	0	c	*	?	3	—	
Stockholm ...	30.13	18	WSW	2	b	30.12	+ .08	15	13	—	5	WSW	2	b	*	27	?	—	
Wisby ...	30.03	26	E	2	b	30.04	+ .15	22	20	—	2	E	2	b	*	30	14	—	
Bodö ...	29.83	22	W	4	c	29.80	.00	22	21	—	1	WSW	4	c	3	28	19	—	
Christiansund...	30.06	26	SSW	8	s	30.15	+ .10	29	28	+	3	NNW	8	s	6	?	16	0.12	
†Skudesnaes ...	30.24	25	ENE	1	b	30.09	— .10	31	31	+	9	WSW	5	s	4	?	7	—	
Oxö (Christiansund)...	30.21	27	WNW	2	b	30.15	+ .02	22	20	—	0	WNW	2	b	1	28	18	—	
Skagen (The Skaw)...	30.19	28	NNE	2	b	30.18	+ .07	27	25	+	1	WSW	3	b	1	34	23	—	
Fanö ...	30.20	26	NE	4	b	30.25	+ .21	28	25	—	8	NE	4	b	*	39	21	—	
Cuxhaven ...	30.10	29	E	6	b	30.19	+ .23	32	30	—	2	ENE	4	b	*	37	28	—	
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	30.39	35	NE	1	b	30.25	— .07	34	32	+	2	NN	2	o	2	36	26	—	
Nairn ...	30.39	39	E	2	b	30.33	+ .05	28	28	—	4	Z	0	b	0	35	24	—	
†Aberdeen ...	30.39	34	NE	3	c	30.31	+ .05	32	28	—	0	W	1	b	1	38	23	0.01	
Leith ...	30.30	35	E	3	c	30.30	+ .10	37	32	+	1	E	1	b	*	39	32	—	
†Shields ...	30.23	35	ENE	4	o	30.28	+ .14	34	34	—	2	ENE	4	c	5	36	32	—	
Spurn Head ...	30.20	35	NE	7	b	30.20	+ .21	35	35	—	4	ENE	5	b	6	42	33	—	
York ...	30.17	35	E	4	b	30.25	+ .19	35	32	—	3	E	3	b	*	40	30	—	
Nottingham ...	30.10	35	NE	7	o	30.20	+ .21	34	32	—	5	NE	6	c	*	44	32	—	
†Ardrossan ...	30.26	36	ENE	2	c	30.29	+ .11	35	33	—	0	E	2	b	1	39	27	—	
†Mullaghmore ...	30.10	42	E	7	o	30.20	+ .16	34	30	—	5	E	6	b	5	43	32	—	
Donaghadee ...	30.20	38	ENE	7	c	30.27	+ .16	36	33	—	2	ENE	5	b	3	42	33	—	
Parsonstown ...	30.05	41	E	5	b	30.15	+ .19	34	30	—	5	NE	2	b	*	48	30	—	
Barrow-in-Furness	30.14	36	ENE	6	c	30.21	+ .21	34	31	—	5	NE	5	b	4	47	29	—	
†Holyhead ...	30.08	38	E	6	o	30.15	+ .17	34	31	—	4	E	6	b	5	43	31	—	
Liverpool (Bidston)	30.10	34	ENE	6	c	30.18	+ .18	34	30	—	3	ENE	5	b	2	40	30	—	
†Valentia ...	29.89	30	NE	6	b	30.03	+ .19	36	32	—	6	NE	5	b	5	55	31	—	
Roche's Point...	29.98	43	E	6	b	30.04	+ .19	37	33	—	3	E	5	c	4	50	37	—	
Pembroke ...	29.88	43	ENE	7	b	29.98	+ .17	35	31	—	3	ENE	7	b	4	49	38	—	
†Scilly ...	29.74	30	E	7	o	29.85	+ .15	38	37	—	6	ENE	9	o	7	50	37	—	
Prawle Point ...	29.74	45	ENE	6	c	29.74	+ .14	35	33	—	4	ENE	8	c	7	49	34	—	
Hurst Castle ...	29.80	45	E	7	b	29.91	+ .18	37	34	—	4	E	8	c	5	48	36	—	
†Dover ...	29.83	42	NE	7	b	29.96	+ .24	38	34	—	4	NE	8	b	7	45	35	—	
†London ...	29.90	41	NE	8	b	30.02	+ .22	37	31	—	4	NE	7	b	*	51	34	—	
Oxford ...	30.01	37	NE	8	o	30.07	+ .19	36	34	—	4	E	7	b	*	49	33	—	
Cambridge ...	29.99	39	NE	3	c	30.04	+ .22	35	31	—	6	NE	3	c	*	48	32	—	
†Yarmouth ...	30.00	38	ENE	8	b	30.11	+ .23	35	32	—	5	ENE	7	b	6	40	33	—	
The Helder ...	30.02	37	NE	7	b	30.12	+ .25	33	30	—	4	ENE	6	b	3	39	32	—	
Cape Gris Nez	29.78	42	NE	9	o	29.90	+ .21	?	41	?	?	NE	9	b	7	45	36	—	
†Jersey ...	29.67	43	ENE	8	o	29.75	+ .10	41	38	—	3	ENE	9	c	6	48	40	—	
Brest ...	29.54	45	E	7	o	29.63	+ .06	41	40	—	6	E	9	o	4	50	41	—	
Lorient ...	29.53	47	ENE	8	m	29.54	+ .03	40	39	—	8	ENE	8	m	4	52	37	0.04	
†Rochefort ...	29.49	37	ENE	3	r	29.49	— .07	49	45	—	5	ENE	8	r	2	68	2	0.08	
Biarritz ...	29.39	66	S	5	c	29.45	— .05	55	50	—	4	S	5	o	2	70	50	—	
Corunna ...	*	*	*	*	*	29.50	+ .06	57	*	+	3	W	1	c	1	*	*	*	
Brussels ...	*	*	*	*	*	29.98	+ .26	32	28	—	7	ENE	7	b	*	40	29	—	
Charleville ...	29.67	39	E	5	o	29.74	+ .26	37	32	—	9	NE	8	o	*	34	33	—	
Paris ...	29.67	43	NE	1	o	29.72	+ .13	39	36	—	11	N	7	o	*	*	*	0.16	
Lyons ...	29.50	60	S	4	c	29.50	— .12	53	50	+	2	SE	3	c	*	67	30	—	
Toulon ...	29.71	55	S	4	m	29.65	— .05	53	53	0	SE	5	m	5	*	57	2	0.04	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.88	28	E	8	b	28.91	+ .15	27	25	—	5	ENE	5	b	*	33	24	—	

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

Hawes Junction	29.48	28	E	8	b	29.41	+ .15	27	25	—	5	ENE	5	b	33	24	—
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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	30.26	31	26	N	2	b	2	Valentia	29.86	32	49	NE	5	b	5
Sumburgh Head								Scilly	29.70	49	48	E	7	o	6
Stornoway								Dover	29.80	44	39	ENE	7	o	5
Aberdeen	30.31	36	32	NE	3	c	3	London	29.86	48	42	NE	7	b	*
Shields	30.21	36	34	ENE	4	o	4	Yarmouth	29.96	40	37	ENE	7	b	6
Ardrossan	30.22	38	32	ENE	3	o	2	Jersey	29.66	45	43	ENE	6	c	5
Mullaghmore	30.08	42	38	E	7	og	5	Rochefort	29.73	61	57	NE	3	o	1
Holyhead	30.03	42	39	E	6	c	5								

There has been little change since the morning — Strong E. winds with dry weather prevail generally but the sky is rather cloudy except in the SE. and at Valentia.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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

MONDAY, 4TH APRIL.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

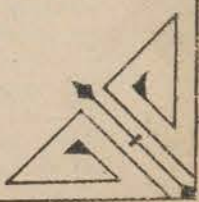
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Monday 4TH APRIL.

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.

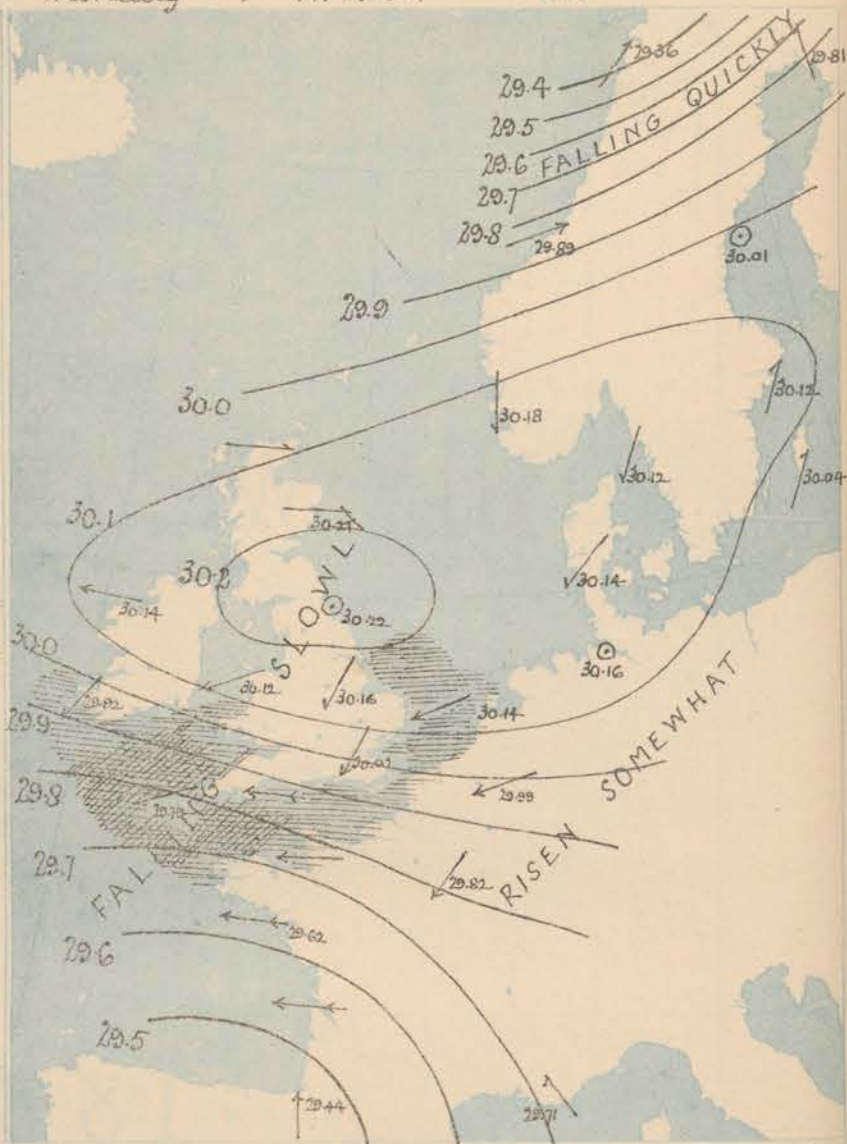
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ⊙ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings Inch.
Nairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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.

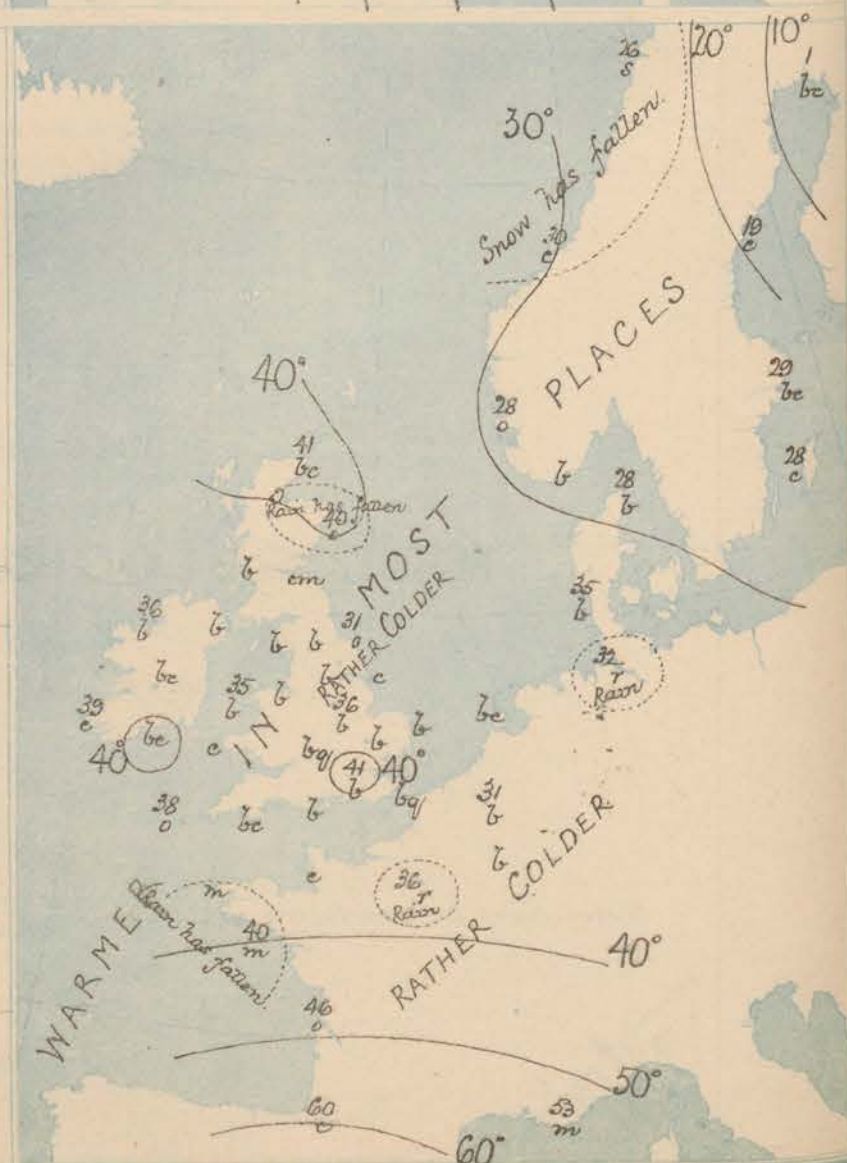
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 April

Stations	Temp.	Rain-fall
Sandburgh Head	42.1	1.85
Stornoway	43.9	2.87
Aberdeen	45.2	2.14
Shetland	46.4	1.77
York	42.0	1.70
Millingtonmore	47.5	1.87
Holyhead	48.2	1.87
Parsonstown	48.6	7.86
Valentia	49.6	3.69
Sally (St Mary's)	51.6	2.01
Hurst Castle	49.5	1.89
Dover	48.8	1.48
LONDON	49.2	1.48
Yarmouth	47.5	1.13

* 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 Monday 4th April 1881 at 8 a.m.

A small area of high pressure lies over the N. of England and S. of Scotland, and within that area the mercury is almost steady, while in the Netherlands and NE. of France the barometer is rising a little, but in all other places a decrease has taken place, and well marked disturbances are shown, one over the N. of Spain, and a second over the N. of Norway. Gradients are rather steep in both directions. The wind is light from N. in Scotland and strong from SW. in Norway, while E^{ly} winds, strong to a gale are reported all over England, Ireland, and France. In the Channel and SE. of England the gale is subsiding somewhat, but during yesterday it was very strong. Temperature has risen except over the Netherlands and the NE. of England, the change in Scotland amounting to several degrees. Readings range from 41° at Thib and in London to 29° at York and the minima last night were rather higher than of late, though frost was again experienced over Central England and Ireland. The weather is still very fine at nearly all our stations, but is cloudy on our NE. and SW. coasts, dull and unsettled in France. The sea is rough in the Channel, off the east coast of England, and to the south-west of Ireland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5th APRIL

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light to fresh W ^{ly} breezes; cloudy, milder, some rain.	6 SCOTLAND WEST	Light E ^{ly} winds, veering to SW.; fair, milder.
2 SCOTLAND EAST	-----	7 ENGLAND N.W.	Strong NE ^{ly} and E ^{ly} winds; squally, fair.
3 ENGLAND N.E.	N ^{ly} to W ^{ly} breezes, light; cloudy, fair, becoming milder.	8 ENGLAND S.W.	Strong E ^{ly} winds, perhaps rising to a gale again; cloudy.
4 ENGLAND EAST	Strong E ^{ly} winds; fine to cloudy, still cold.	9 IRELAND NORTH	Same as No. 7.
5 MIDLAND COUNTIES	-----	10 IRELAND SOUTH	Same as No. 7.
6 ENGLAND SOUTH	E ^{ly} strong winds and gales, slowly subsiding; fine to cloudy.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 4th APRIL 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.		
			Dirce.	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.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.96	4	S	2	b	29.81	-10	1	1	-2	S	2	bc	*	18	-2	-		
Hernösand ...	30.04	23	W	0	b	30.01	+01	19	17	+2	W	0	c	*	34	1	-		
Stockholm ...	30.10	24	S	3	b	30.12	+00	29	26	+14	SW	2	bc	*	30	7	-		
Wishby ...	30.02	22	SSW	2	b	30.04	-02	28	26	+6	SSW	4	c	*	30	6	-		
Bodö ...	29.88	24	SW	4	0	29.36	-44	26	25	+4	SW	6	s	4	24	21	-		
Christiansund ...	30.06	25	WNW	3	0	29.89	-26	30	29	+1	SW	6	c	4	36	18	0.24		
†Skudesnaes ...	30.06	32	NW	4	b	30.13	+09	28	27	-3	N	2	0	2	36	?	-		
Öxö (Xtiansund) ...	29.95	33	NW	4	b	30.15	+00	25	22	+3	NNW	2	6	1	?	?	-		
Skagen (The Skaw) ...	29.92	32	WNW	5	e	30.12	-06	28	27	+1	NNE	4	6	4	32	27	0.08		
Fanö ...	30.13	31	WNW	4	0	30.14	-11	35	31	+4	NE	2	6	*	?	26	-		
Cuxhaven ...	30.15	?	E	1	b	30.16	-03	32	31	0	SSW	1	2	*	34	27	-		
†Sumburgh Head ...																			
†Stornoway ...																			
Wick ...	30.21	43	NNW	4	bc	30.07	-13	41	40	+7	W	1	bc	2	44	32	-		
Nairn ...	30.24	42	W	1	c	30.11	-22	40	38	+12	W	0	0	1	46	27	0.03		
†Aberdeen ...	30.24	42	NNE	2	2	30.21	-10	40	37	+3	W	1	0	1	50	31	0.02		
Leith ...	30.23	39	E	1	b	30.23	-07	35	32	-2	W	1	cm	*	43	27	-		
†Shields ...	30.26	36	E NE	1	b	30.22	-06	31	29	-3	NW	1	0	2	39	27	-		
Spurn Head ...	30.20	34	E NE	5	b	30.17	-03	38	36	+3	E NE	4	c	5	39	34	-		
York ...	30.22	37	WNW	1	b	30.20	-05	29	28	-6	NNE	1	6	*	44	22	-		
Nottingham ...	30.17	35	NE	5	b	30.16	-04	36	31	+2	NE	5	6	*	45	27	-		
†Ardrossan ...	30.22	44	E	1	b	30.21	-08	39	37	+4	E NE	1	6	0	48	29	-		
†Mullaghmore ...	30.14	43	E	6	b	30.14	-06	36	35	+2	E	5	6	4	43	33	-		
Donaghadee ...	30.21	41	NE	3	b	30.20	-07	39	34	+3	E	3	6	1	43	34	-		
Parsonstown ...	30.10	40	E NE	6	bc	30.07	-03	36	32	+2	NE	3	bc	*	43	20	-		
Barrow-in-Furness ...	30.22	35	NE	5	b	30.19	-02	35	32	+1	NE	3	6	3	49	28	-		
†Holyhead ...	30.12	41	E NE	5	b	30.12	-03	35	32	+1	E NE	6	6	4	43	32	-		
Liverpool (Bidston) ...	30.14	39	E NE	3	b	30.15	-03	35	32	+1	E	3	6	1	42	29	-		
†Valentia ...	29.96	47	E NE	5	mb	29.92	-11	39	33	+3	NE	5	c	5	50	34	-		
Roche's Point ...	30.03	43	E	5	bc	29.96	-08	41	36	+4	E	6	6	5	46	35	-		
Pembroke ...	29.95	42	E NE	6	b	29.95	-03	34	30	-1	E NE	7	c	5	45	30	-		
†Scilly ...	29.81	47	E	9	0	29.79	-06	38	38	0	E NE	7	0	7	47	36	-		
Prawle Point ...	29.84	41	E NE	8	b	29.82	-02	37	34	+2	E NE	7	bc	7	45	33	-		
Hurst Castle ...	29.91	41	E	7	b	29.92	+01	33	35	+1	E SE	8	6	5	43	35	-		
†Dover ...	29.97	39	NNE	7	b	29.97	+01	39	35	+1	E NE	7	6	6	41	34	-		
†London ...	30.02	38	NE	7	bc	30.02	00	41	35	+4	NE	6	6	*	45	31	-		
Oxford ...	30.08	33	E	6	b	30.05	-02	37	33	+1	E NE	5	bc	*	45	28	-		
Cambridge ...	30.07	37	NE	3	b	30.09	+00	36	33	+1	NE	2	6	*	45	25	-		
†Yarmouth ...	30.13	36	E NE	6	b	30.12	+01	37	34	+2	E NE	6	6	5	38	33	-		
The Helder ...	30.13	34	NE	4	b	30.14	+02	33	31	0	E NE	1	bc	2	36	32	-		
Cape Gris Nez ...																			
†Jersey ...	29.97	41	E NE	8	c	29.78	+05	39	36	-2	E	7	c	5	47	37	-		
Brest ...	29.65	42	E	8	e	29.65	+02	39	37	-2	E	5	m	4	50	37	0.04		
Lorient ...	29.62	44	E NE	7	0	29.62	+08	40	38	0	E	8	m	4	46	37	0.16		
†Rochefort ...	29.56	43	E NE	7	0	29.58	+09	46	45	-3	E	8	0	2	69	39	-		
Biarritz ...	29.49	57	W	0	bc	29.44	-01	60	54	+5	S	5	c	2	66	52	-		
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	29.99	+06	31	27	-1	E NE	5	6	*	43	28	-		
Charleville ...	29.83	37	E	8	b	29.87	+03	35	32	-2	SE	4	6	*	63	35	-		
Paris ...	29.77	41	NE	7	0	29.82	+10	36	35	-3	NE	5	2	*	*	*	0.24		
Lyons ...														*	*	*			
Toulon ...	29.65	57	S	3	m	29.71	+06	53	53	0	SE	4	m	3	?	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.91	32	E NE	4	b	28.90	-01	30	28	+3	E	2	6	*	36	21	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.02	36	32	NW	6	m	†	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Roche fort ...	29.55	49	47	E NE	7	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

FOR

TUESDAY, 5TH APRIL,

1881.

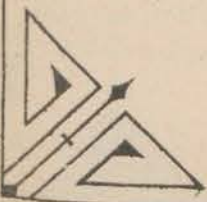
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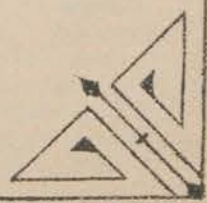
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on TUESDAY 5th April.

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.

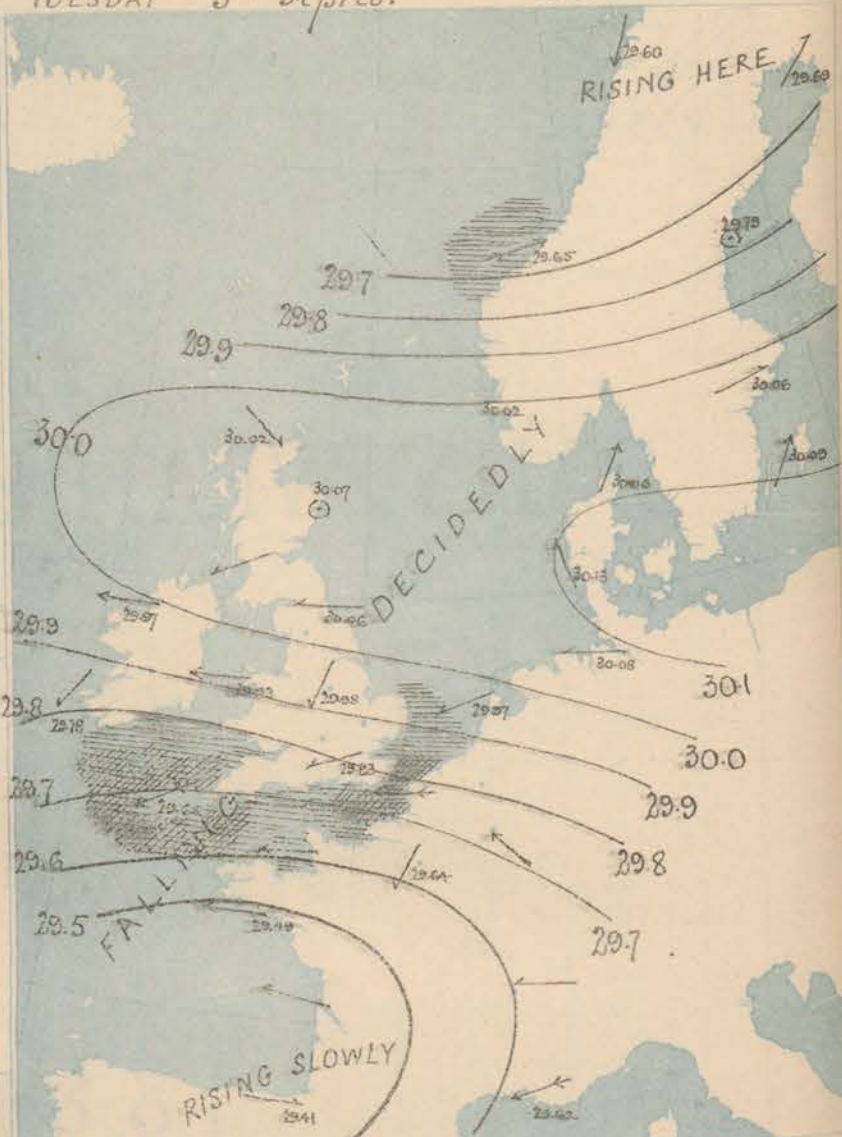
Sea Disturbance, where considerable, is shown by shading round the coast: thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings Inch.
Nairn	29.856
Aberdeen	29.867
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.998

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 April

Stations	Temp.	Rain-fall inches
Sandwich Head	42.7	1.86
Stornoway	43.9	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Millaghmore	47.5	—
Holyhead	48.2	1.67
Parsonstown	48.6	1.30
Valentia	49.5	3.64
Sally (St Mary's)	51.8	2.01
Hurst Castle	49.5	—
Dover	48.8	1.09
LONDON	49.2	1.48
Yarmouth	47.5	1.73

* 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 Tuesday 5th April 1881 at 8 a.m.

A further decrease of pressure is reported from all parts of Western Europe, but in the extreme S.W. of France a very slight recovery is reported. The highest readings are shown over Denmark and North Germany, while a band of comparatively high pressure stretches from that region across the North Sea and Scotland to N. Ireland. Depressions are still shown over the N. of Norway and the Bay of Biscay. W^{ly} winds again prevail in North Scotland and over Scandinavia, while E^{ly} winds continue over North Germany, England, Ireland, and France, but at Biarritz a W^{ly} breeze has appeared. The E^{ly} current is still very strong generally and at Cape Gris Nez and Scilly blows a gale. The weather varies a good deal, it is fine and bright over Denmark, N. Germany, and on our S.E., N., and W. coasts, but is cloudy or dull in most other places, while rain is falling at Christiansund. During the past 24 hours the weather has been dry at all our stations except Aberdeen, but showers have occurred in W. France. Temperature has changed irregularly and readings range from 41° at Scilly, 43° at Wick to 30° at Banow in Funness. Slight frost was experienced in the E. last night. The sea is very rough in the S. and S.W.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6th APRIL

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW ^{ly} breezes, moderate to fresh; fair, mild.	6 SCOTLAND WEST	E ^{ly} breezes, light; fine, dry.
2 SCOTLAND EAST	Variable airs and E ^{ly} breezes; fine, dry.	7 ENGLAND N.W.	E ^{ly} breezes, strong to moderate; fair.
3 ENGLAND N.E.	D ^{ly} D ^{ly} D ^{ly}	8 ENGLAND S.W.	Same as N°3
4 ENGLAND EAST	E ^{ly} to NE ^{ly} breezes, strong; dry, fair.	9 IRELAND NORTH	Same as N°7
5 MIDLAND COUNTIES	NE ^{ly} breezes, fresh to strong; fine, dry.	10 IRELAND SOUTH	Same as N°7
6 ENGLAND SOUTH	Same as N°3	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

5TH APRIL

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 ...	29.51	16	SW	2	b	29.69	-12	12	9	+11	SW	2	b	*	16	-8	-			
Hernösand ...	29.31	25	SSW	4	b	29.79	-22	28	26	+9	W	0	c	*	27	0	-			
Stockholm ...	30.07	26	W	6	o	30.06	-06	28	26	-1	WSW	4	b	*	34	16	-			
Visby ...	30.10	27	SW	4	b	30.09	+05	30	28	+2	WSW	6	c	*	36	16	-			
Bodö ...	29.57	25	W	8	s	29.60	+24	25	18	-1	NNE	2	o	1	30	21	-			
Christiansund ...	29.79	26	SW	9	a	29.65	-24	34	33	+4	WSW	8	a	5	36	25	0.32			
†Skudesnaes ...	30.15	32	ESE	2	b	30.02	-16	36	35	+8	SE	2	o	3	37	28	-			
Öxö (Årland) ...	30.11	31	WSW	4	b	30.03	-12	30	28	+5	WSW	2	b	1	34	25	-			
Skagen (The Skaw) ...	30.15	30	NW	3	b	30.06	-06	31	30	+3	SW	5	b	4	?	28	-			
Fanö ...	30.19	32	SSW	1	b	30.13	-01	35	32	0	SSW	4	b	*	41	24	-			
Cuxhaven ...	30.13	48	E	1	b	30.02	-08	35	32	+3	E	3	b	*	37	30	-			
†Sumburgh Head ...																				
†Stornoway ...																				
Wick ...	30.14	45	N	1	b	30.02	-05	43	40	+2	NNW	1	c	2	49	34	-			
Nairn ...	30.15	41	W	0	c	30.06	-05	35	33	-5	W	0	b	1	48	30	-			
†Aberdeen ...	30.17	42	S	2	b	30.07	-14	38	35	-2	SW	1	b	1	47	28	0.02			
Leith ...	30.15	42	SE	1	c	30.08	-15	37	33	+2	E	1	b	*	47	27	-			
†Shields ...	30.16	39	E	2	o	30.06	-16	34	34	+3	E	2	o	2	41	30	-			
Spurn Head ...	30.11	37	ESE	4	c	29.99	-18	37	35	-1	ESE	5	c	4	43	35	-			
York ...	30.14	38	ESE	2	o	30.04	-16	35	32	+6	E	2	o	*	43	29	-			
Nottingham ...	30.09	38	ESE	4	o	29.98	-18	37	33	+1	NE	4	o	*	43	33	-			
†Ardrossan ...	30.11	46	SSE	1	b	30.06	-15	37	35	-2	ESE	2	b	1	50	27	-			
†Mullaghmore ...	30.03	46	E	6	b	29.97	-17	36	34	0	E	5	c	4	48	33	-			
Donaghadee ...	30.11	44	E	4	b	30.03	-17	36	33	-3	ESE	5	b	3	42	35	-			
Parsonstown ...	29.99	43	ESE	5	b	29.91	-16	35	32	-1	E	4	b	*	51	30	-			
Barrow-in-Furness ...	30.10	42	NE	4	c	30.01	-18	30	29	-5	NE	3	b	3	49	28	-			
†Holyhead ...	30.02	41	E	6	b	29.93	-19	35	32	0	E	6	b	1	46	32	-			
Liverpool (Widest) ...	30.05	39	ESE	4	c	29.96	-19	34	32	-1	ESE	4	c	2	42	32	-			
†Valentia ...	29.84	48	E	6	c	29.78	-14	39	36	0	NE	3	c	4	53	37	-			
Roche's Point ...	29.88	44	E	6	c	29.81	-15	40	37	-1	E	6	c	5	48	38	-			
Pembroke ...	29.84	44	ESE	7	c	29.78	-17	36	31	+2	ESE	5	b	3	48	32	-			
†Scilly ...	29.70	46	E	10	o	29.65	-14	41	39	+3	ESE	8	o	7	47	36	-			
Prawle Point ...	29.76	44	ESE	7	b	29.67	-15	38	36	+1	ESE	6	o	6	47	35	-			
Hurst Castle ...	29.84	44	ESE	7	b	29.73	-19	38	35	0	E	6	c	5	46	35	-			
†Dover ...	29.91	42	NE	6	b	29.76	-21	40	37	+1	ESE	6	b	7	43	33	-			
†London ...	29.97	40	E	5	b	29.83	-19	38	35	-3	ESE	4	o	*	48	31	-			
Oxford ...	29.96	37	E	5	b	29.85	-20	38	35	+1	ESE	5	b	*	49	33	-			
Cambridge ...	29.93	39	NE	1	b	29.89	-20	36	34	0	NE	1	b	*	49	23	-			
†Yarmouth ...	30.06	38	ESE	6	b	29.91	-21	39	35	+2	ESE	6	b	5	40	35	-			
The Helder ...	30.08	37	ESE	5	b	29.97	-17	35	32	+2	ESE	4	b	2	41	?	-			
Cape Gris Nez ...	29.84	42	E	9	b	29.80	-14	32	32		E	8	b	6	45	32	-			
†Jersey ...	29.71	45	ESE	6	c	29.61	-17	43	40	+4	E	5	c	4	46	38	-			
Brest ...	29.57	45	E	5	o	29.54	-11	42	41	+3	E	5	o	5	50	37	0.08			
Lorient ...	29.53	44	E	8	a	29.49	-13	44	43	+4	E	7	u	4	45	36	0.24			
†Rochefort ...	29.49	51	E	8	a	29.46	-12	51	50	+5	ESE	7	o	2	57	39	0.28			
Biarritz ...	29.40	68	ESE	4	c	29.41	-03	59	51	-1	W	4	c	2	68	50	0.08			
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Charleville ...	29.82	47	ESE	5	o	29.73	-14	36	33	+1	SE	5	c	*	55	?	-			
Paris ...	29.75	47	NE	4	o	29.64	-18	41	40	+5	NE	4	o	*	*	*	0.04			
Lyons ...	29.59	53	SE	1	o	29.60	-03	48	47	-1	E	1	b	*	64	43	0.04			
Toulon ...	29.72	54	E	7	u	29.62	-09	51	50	-2	ESE	7	o	5	57	?	0.16			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction ...	29.84	35	ESE	4	c	28.74	-16	29	27	-1	ESE	5	o	*	39	26	-			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.15	37	31	ESE	2	6	2	Valentia ...	29.84	50	40	E	6	6
Sumburgh Head								Scilly ...	29.74	45	43	E	10	6
Stornoway ...								Dover ...	29.96	41	35	ESE	7	6
Aberdeen ...	30.20	44	41	E	3	6	1	London ...	29.96	45	40	E	6	6
Shields ...	30.20	40	39	E	1	6	2	Yarmouth ...	30.40	40	37	ESE	6	5
Ardrossan ...	30.16	43	41	E	0	6	0	Jersey ...	29.76	45	41	E	7	6
Mullaghmore ...	30.08	48	42	ESE	5	6	4	Rochefort ...	29.56	53	50	E	8	2
Holyhead ..	30.03	44	40	ESE	6	6	4							

The barometer is falling except at Wick, and E winds, strong to a gale, still hold over England, Ireland, and France, with fine bright weather except in the Str.

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, 6th APRIL

1881.

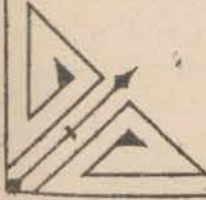
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


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ROBERT H. SCOTT

(SECRETARY.)



Printed by Duggerfield Lith 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 6th April, 1887.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer lectures are drawn for each hour 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.

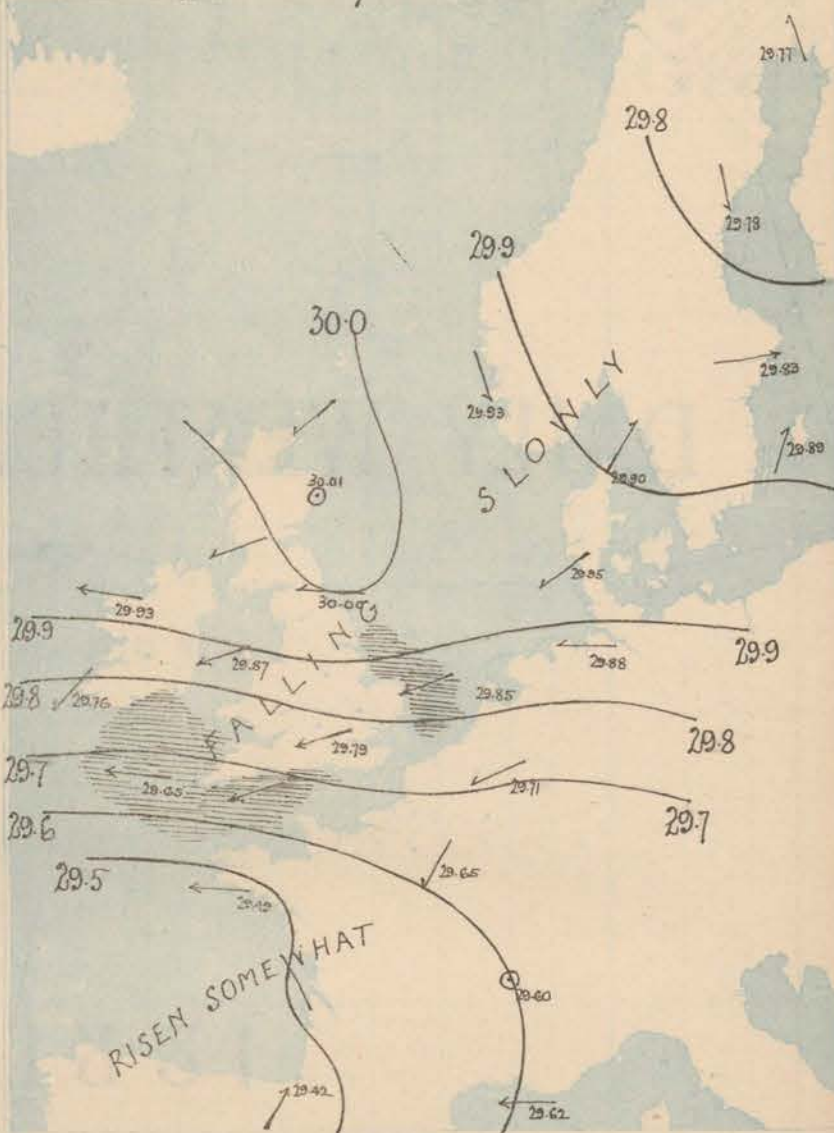
Sea Disturbance, where considerable is shown by shading round the coast, thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER

for the month of April

Stations	Mean Readings
Nairn	29.86
Aberdeen	29.88
Leith	29.89
Scarborough	29.92
Ardrossan	29.93
Greenock	29.94
Holyhead	29.95
Valencia	29.96
Roche's Pt.	29.97
Plymouth	29.98
LONDON	29.99
Warrmouth	30.00

These means are for the 10 years 1868-77. A more complete set of mean values is in course of preparation.



REMARKS

for Wednesday 6th April 1881 at 8 a.m.

During the whole of yesterday the barometer fell in all places except the S.W. of France, but last night a slight recovery commenced which still continues in nearly all parts of Western Europe. The area of high pressure in which, however, readings are now only a little above 30 inches still lies over Scotland, while the depression (now 29.5 ins.) continues over the Bay of Biscay. In consequence E^{ly} winds hold over North Germany, the British Isles and greater part of France, over the S. portion of the Bay of Biscay, however, the wind is S.W. to S.E., while over the countries to the E^{ward} of the North Sea the wind is N.W. to S.W. It has decreased somewhat in force in most places, and is now generally moderate or fresh except on our S.W. coasts. The weather remains fine except on our S. coast and over France, where it is cloudy and misty. The only rain that has fallen within our Islands has been .007 in. at Hurst Castle. Temperature is scarcely changed and readings range from 43° in the S.W. and 44° at Wick to 31° at Barrow in Furness. The sea is rough in the South.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

7th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light variable breezes, weather fair.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	E ^{ly} winds, light or moderate; cloudy, fair.
4 ENGLAND EAST	E ^{ly} winds, fresh or strong; rather milder and cloudy, perhaps slight rain later.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	-----D°-----D°-----D°-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^{ly} winds, light; fine.
7 ENGLAND N.W.	E ^{ly} winds, fresh; fine.
8 ENGLAND S.W.	Same as N°3 to 5.
9 IRELAND NORTH	E ^{ly} winds, moderate and fresh; fine to cloudy.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR 6th APRIL 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	29.65	18	N	2	0	29.77	+0.08	12	12	0	S	2	0	*	27	7	0.12	
Härnösand	29.71	37	NW	2	0	29.78	-0.01	30	28	+2	N	2	0	*	48	21	0.04	
Stockholm	29.95	29	SSW	6	6	29.84	-0.22	30	28	+2	W	6	0	*	36	21	-	
Wisby	29.98	28	WSW	6	6	29.89	-0.20	28	27	-2	WSW	2	6	*	36	18	-	
Bodö																		
Christiansund																		
Skudesnaes	29.93	38	WSW	6	0	29.93	-0.09	34	31	-2	NNW	4	0	3	?	?	-	
Oslo (Kjelsund)	29.96	25	WSW	4	6	29.89	-0.14	36	35	+6	SW	4	6	2	41	?	-	
Skagen (The Skaw)	29.99	33	WSW	4	6	29.90	-0.16	35	33	+4	SW	4	0	3	37	30	-	
Fanö	30.00	33	SSW	2	6	29.95	-0.18	35	32	0	ENE	3	6	*	39	27	-	
Cuxhaven	29.99	43	E	3	6	29.88	-0.20	36	34	+1	E	2	6	*	?	30	-	
Sumburgh Head																		
Stornoway																		
Wick	29.98	46	NNW	1	6	30.01	-0.01	44	43	+1	ENE	2	0	2	50	30	-	
Nairn	30.00	46	L	0	6	30.01	-0.05	37	35	+2	L	0	6	0	51	31	-	
Aberdeen	30.01	39	S	2	6	30.01	-0.06	37	34	-1	SW	1	6	1	48	28	-	
Leith	30.00	37	ESE	1	6	30.00	-0.08	39	35	+2	SSE	1	6	*	45	23	-	
Shields	30.00	36	E	2	0	30.00	-0.06	36	33	+2	E	2	6	2	37	33	-	
Sparn Head	29.91	37	ENE	5	6	29.92	-0.07	38	36	+1	ENE	5	6	5	42	35	-	
York	29.96	39	ENE	2	6	29.96	-0.08	36	33	+1	ENE	1	6	*	45	24	-	
Nottingham																		
Ardrossan	29.98	44	ENE	3	6	29.99	-0.07	36	32	-1	ENE	2	6	1	49	29	-	
Mullagumore	29.87	45	E	6	6	29.93	-0.06	35	34	-1	E	5	6	4	46	32	-	
Donaghadee	29.94	42	ESE	3	6	29.96	-0.07	36	33	0	ENE	4	6	2	45	33	-	
Parsonstown	29.84	42	NE	4	6	29.88	-0.03	35	32	0	NE	3	6	*	46	29	-	
Barrow-in-Furness	29.90	42	NNE	3	6	29.91	-0.10	31	29	+1	NE	3	6	3	51	28	-	
Holyhead	29.86	42	ENE	6	6	29.87	-0.06	37	34	+2	ENE	6	6	4	45	32	-	
Liverpool (Bidston)	29.86	41	ENE	2	6	29.92	-0.04	34	32	0	ENE	2	6	1	44	30	-	
Valentia	29.72	50	NE	4	6	29.76	-0.02	43	36	+4	NE	3	6	5	54	34	-	
Roche's Point	29.76	47	E	5	6	29.77	-0.04	39	35	-1	E	5	6	5	49	35	-	
Pembroke	29.69	47	ENE	4	0	29.75	-0.03	36	32	0	NE	4	6	2	50	32	-	
Scilly	29.61	47	E	9	0	29.65	-0.04	43	43	+2	E	7	6	6	47	39	-	
Prawle Point	29.63	44	ENE	6	0	29.66	-0.01	39	38	+1	ENE	6	6	6	48	36	-	
Hurst Castle	29.69	42	ESE	5	6	29.71	-0.02	39	38	+1	ENE	4	6	4	47	37	0.07	
Dover	29.70	43	NE	5	6	29.74	-0.02	42	39	+2	NE	5	6	6	44	39	-	
London	29.76	42	E	5	6	29.79	-0.04	40	37	+2	ENE	5	6	*	51	37	-	
Oxford	29.82	39	ENE	5	6	29.82	-0.03	38	35	0	NE	5	6	*	53	31	-	
Cambridge	29.82	42	NE	1	6	29.82	-0.07	37	35	+1	NE	1	6	*	50	29	-	
Yarmouth	29.83	39	ENE	6	6	29.85	-0.06	39	36	0	ENE	6	6	5	40	36	-	
The Helder	29.84	39	NE	4	6	29.85	-0.12	37	34	+2	ENE	3	6	3	43	?	-	
Cape Gris Nez						29												
Jersey																		
Brest	29.53	46	E	5	6	29.54	-0.01	44	44	+2	E	5	6	3	54	37	0.08	
Lorient	29.45	52	E	5	6	29.49	-0.04	47	44	+3	E	7	6	4	52	41	0.24	
Rochefort	29.48	63	SSW	3	6	29.51	+0.05	54	52	+3	SE	4	6	2	68	39	-	
Biarritz	29.39	66	S	3	6	29.42	+0.01	59	54	0	SW	5	6	2	73	52	-	
Corunna																		
Brussels						29.71	-0.07	36	34	+1	ENE	4	6	*	50	32	-	
Charleville	29.66	42	SSE	5	0	?	?	45	42	+9	E	5	6	*	54	?	0.12	
Paris	29.61	49	NE	3	0	29.65	+0.01	46	41	+5	NE	1	6	*	*	*	0.04	
Lyons	29.56	53	E	1	0	29.60	-0.04	47	46	-1	N	1	6	*	54	44	0.12	
Toulon	29.66	52	E	7	6	29.62	-0.04	53	48	+2	E	5	6	5	54	50	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.66	32	ENE	4	6	28.68	-0.06	29	27	0	ENE	5	6	*	38	24	-	

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.99	40	38	WSW	4	0	4	Valentia ...	29.73	51	43	NE	5	5
Sumburgh Head								Scilly ...	29.63	45	45	E	9	7
Stornoway ...								Dover ...	29.72	42	38	ESE	6	5
Aberdeen ...	30.03	48	43	S	3	6	1	London ...	29.76	47	40	E	4	5
Shields ...	30.03	36	34	E	2	0	2	Yarmouth ...	29.86	40	37	ESE	6	5
Ardrossan ...	29.98	49	46	ESE	3	6	2	Jersey ...						
Mullaghnore ...	29.90	44	40	E	6	6	4	Rochefort ...	29.49	64	59	SSE	3	2
Holyhead ...	29.87	44	44	ESE	6	6	4							

The barometer is rising somewhat at Rochefort but is falling over the whole of these islands, and the depression over the Bay of Biscay is travelling a little N^W. The wind at Rochefort has veered to SSE, but on our coast strong E winds are still reported and a gale at Scilly.

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 7th APRIL

1881.

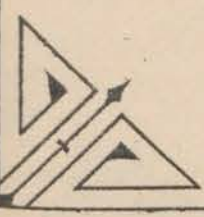
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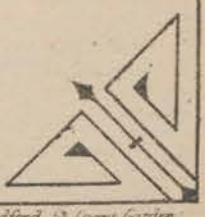
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ROBERT H. SCOTT

(SECRETARY.)



Fred^r Dangerfield, Lith. 22, Bedford St. (near Garden)

WEATHER CHARTS

for 8 a.m. on Thursday 7th April.

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.

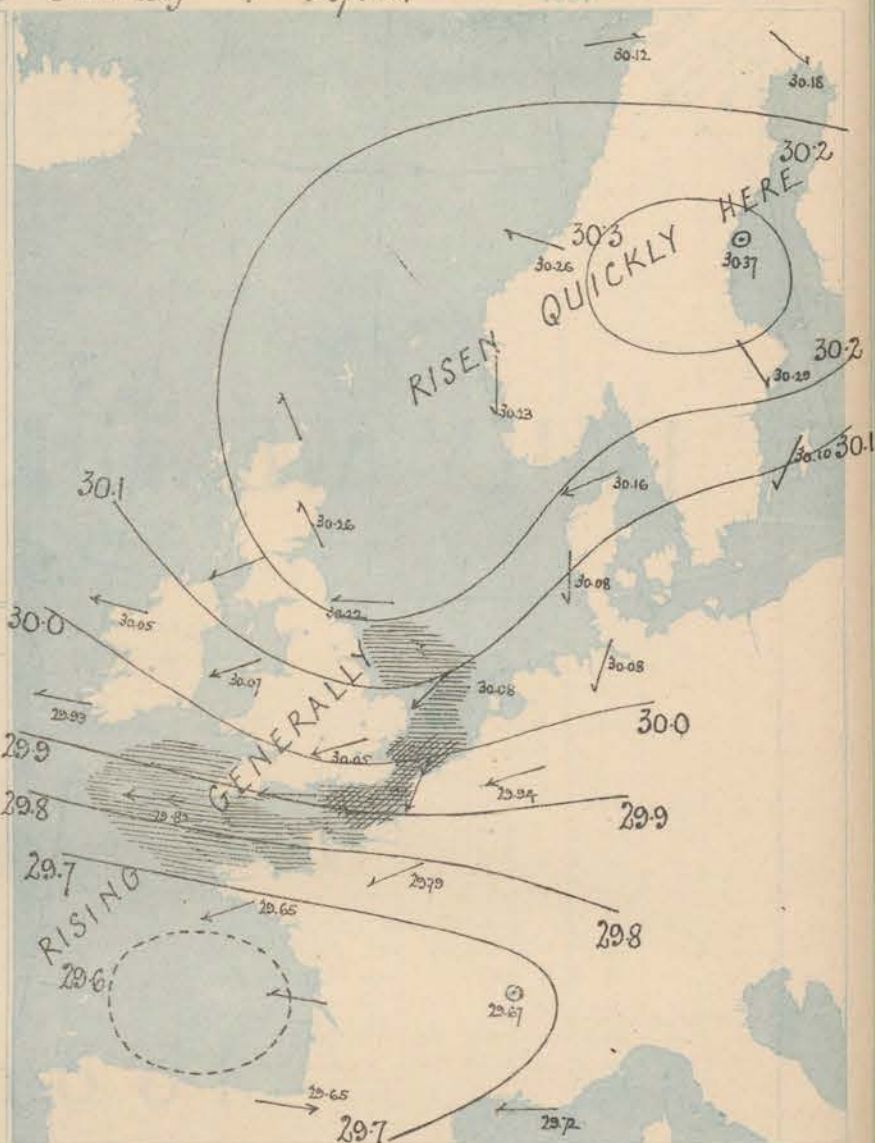
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings In.
Nairn	29 8.56
Aberdeen	29 8.61
Leith	29 8.94
Scarborough	29 9.22
Anderson	29 9.03
Greenock	29 8.94
Holyhead	29 9.21
Valentia	29 9.29
Roche's Pt.	29 9.58
Plymouth	29 9.78
LONDON	29 9.65
Yarmouth	29 9.48

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.

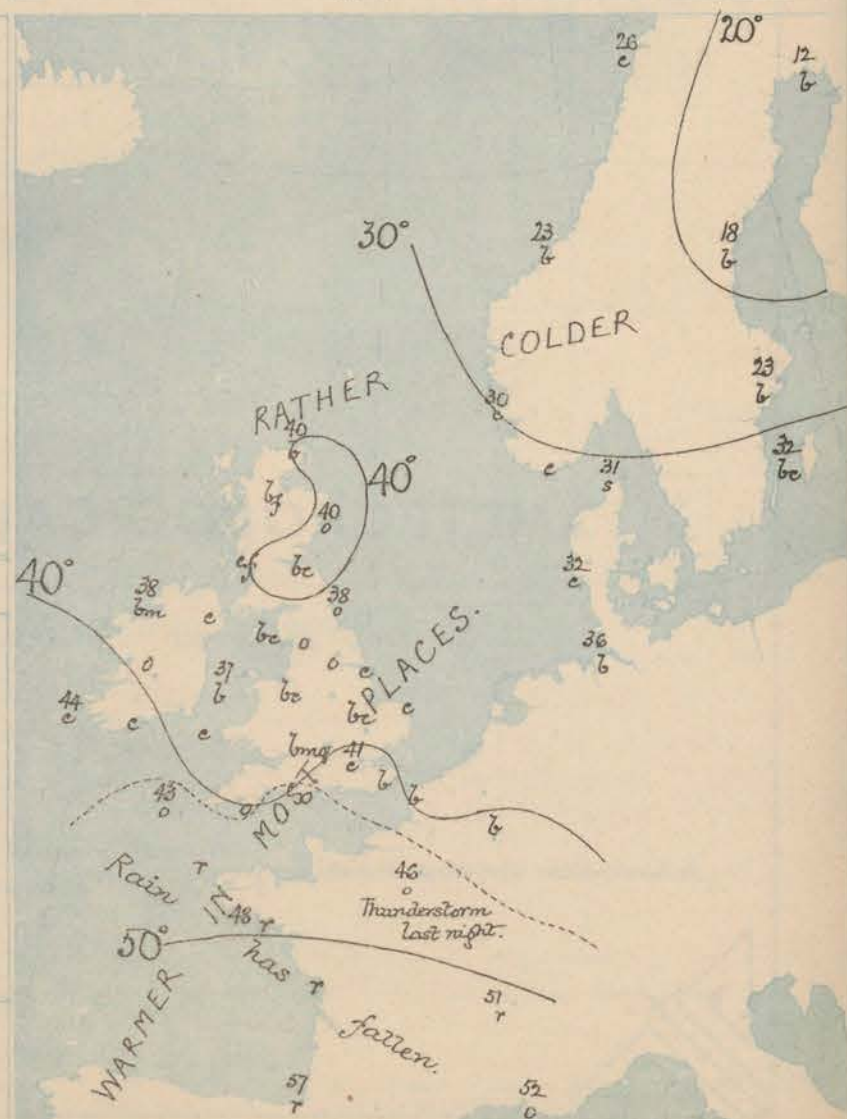
MEANS OF TEMPERATURE

AND RAINFALL

for the month of April

Stations	Temp	Rain-fall.
Sandburgh Head	42.7	1.35
Stornoway	43.9	2.47
Aberdeen	45.3	2.14
Shetland	46.4	1.72
York	47.0	1.20
Mullaghmore	47.6	2
Holyhead	48.2	1.07
Parsonstown	48.6	1.05
Valentia	48.6	1.64
Scilly (St. Mary's)	51.8	5.01
Ilfracombe	49.5	1
Dover	48.8	1.09
LONDON	49.2	1.48
Weymouth	47.5	1.73

The mean Temperatures are those for the 11 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 7th April 1881 at 8 a.m.

Barometric pressure continues highest over the N^o parts of Western Europe, lowest over the Bay of Biscay, and the barometer is rising everywhere. Easterly winds, varying in force from a strong breeze to a fresh gale, are blowing at all the S^o stations, accompanied by cold, dry weather in our Islands, but with an overcast sky on our extreme south-west coasts, and much rain in the west of France. Over our more N^o districts the wind is much more moderate in force, and at some stations it has drawn into S.E. but with fine, dry weather and very little cloud.

The sea is very rough in the Channel (especially on the southern side), rough along our east coast, moderate at Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

8th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

SE^{ly} to S^{ly} winds, freshening; fair, milder.

2 SCOTLAND
EAST

D^o D^o D^o

3 ENGLAND
N.E.

E^{ly} winds, moderate to fresh; fair.

4 ENGLAND
EAST

E^{ly} winds, strong, squally; dry and fine.

5 MIDLAND
COUNTIES

Same as N^o 2.

6 ENGLAND
SOUTH

Same as N^o 3.

DISTRICTS

FORECASTS

6 SCOTLAND
WEST

Same as N^o 0 and 1.

7 ENGLAND
N.W.

E^{ly} to SE^{ly} breezes, fresh, fine.

8 ENGLAND
S.W.

Same as N^o 3.

9 IRELAND
NORTH

Same as N^o 7

10 IRELAND
SOUTH

E^{ly} breezes, fresh; fair.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR 7th APRIL 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	30.00	9	W	2	b	30.18	+ .41	12	11	0	NW	2	b	*	25	4	-
Hernösand	30.02	43	NW	2	b	30.37	+ .59	18	15	- 12	Z	0	b	*	45	3	-
Stockholm	30.07	28	NE	2	o	30.29	+ .45	23	22	- 7	NNW	2	b	*	39	25	-
Wisby	29.89	28	WNW	2	b	30.10	+ .21	32	30	+ 4	ENE	4	bc	*	41	18	-
Bodö	30.01	23	NW	4	s	30.12	+ .36	26	24	+ 4	W	2	c	2	27	19	-
Christiansund	30.15	25	SE	1	bc	30.26	+ .34	23	22	- 5	ESE	3	b	2	28	17	2
† Skudesnaes	30.08	31	NNW	4	bc	30.23	+ .30	30	27	- 4	N	2	o	2	?	30	-
Oxö (Xiansund)	29.92	36	N	3	b	30.21	+ .32	31	28	- 5	NNE	6	c	3	41	30	-
Skagen (The Skaw)	29.93	86	ESE	2	o	30.16	+ .26	31	30	- 4	ENE	6	s	6	37	30	-
Fanö	30.01	34	NNW	4	b	30.08	+ .13	32	31	- 3	N	4	c	*	45	28	-
Cuxhaven	29.98	48	NE	3	b	30.08	+ .20	36	35	0	NNE	3	b	*	?	34	-
† Sumburgh Head																	
† Stornoway																	
Wick	30.08	40	E	3	o	30.24	+ .23	40	39	- 4	SE	3	b	3	48	33	-
Nairn	30.04	45	E	1	bc	30.21	+ .20	33	31	- 4	Z	0	fb	1	51	32	-
† Aberdeen	30.09	41	E	2	o	30.26	+ .25	40	37	+ 3	SSE	2	o	2	50	35	-
Leith	30.05	41	ENE	1	b	30.22	+ .22	42	39	+ 3	SE	1	bc	*	45	35	-
† Shields	30.05	40	E	2	c	30.22	+ .22	38	36	+ 2	E	2	o	2	48	35	0.01
Spurn Head	29.99	38	NE	4	b	30.17	+ .25	39	37	+ 1	ENE	5	c	5	44	36	-
York	30.02	41	E	4	b	30.19	+ .23	38	35	+ 2	E	3	o	*	47	33	-
Nottingham																	
† Ardrossan	29.99	49	ENE	3	bf	30.18	+ .19	40	39	+ 4	ENE	2	cf	1	54	32	-
† Mullaghmore	29.91	43	ESE	5	bc	30.05	+ .12	38	36	+ 3	E	6	bm	4	49	33	-
Donaghadee	29.98	43	SE	2	b	30.15	+ .19	39	37	+ 3	SE	5	c	3	46	35	-
Parsonstown	29.80	44	E	3	c	30.03	+ .15	35	33	0	NE	3	o	*	49	31	-
Barrow-in-Furness	29.95	45	NE	3	b	30.14	+ .23	39	36	+ 8	NE	4	bc	3	55	30	-
† Holyhead	29.90	44	ENE	5	b	30.07	+ .20	37	35	0	ENE	6	b	4	47	33	-
Liverpool (Bidston)	29.93	43	ENE	2	b	30.12	+ .20	37	34	+ 3	E	1	bc	1	49	32	-
† Valentia	29.73	51	ESE	4	c	29.93	+ .17	44	40	+ 1	E	2	c	3	55	41	-
Roche's Point	29.82	46	E	5	c	29.93	+ .16	42	38	+ 3	ESE	5	c	5	49	37	-
Pembroke	29.77	43	ENE	3	bc	29.96	+ .21	37	34	+ 1	ENE	4	c	2	51	34	-
† Scilly	29.70	47	E	7	o	29.82	+ .17	43	43	0	E	8	o	6	47	42	0.01
Prawle Point	29.73	45	ENE	5	o	29.88	+ .22	39	38	0	NE	5	o	5	47	35	-
Hurst Castle	29.75	44	ESE	5	c	29.91	+ .20	41	39	+ 2	E	6	o	4	46	36	0.03
† Dover	29.73	42	NE	5	b	29.96	+ .22	43	39	+ 1	E	7	b	5	45	40	-
† London	29.86	43	E	5	b	30.05	+ .26	41	37	+ 1	ENE	6	c	*	51	33	-
Oxford	29.91	39	E	5	c	30.04	+ .22	39	35	+ 1	ENE	4	bqm	*	53	32	-
Cambridge	29.90	49	NE	2	b	30.07	+ .25	39	37	+ 2	E	2	bc	*	51	27	-
† Yarmouth	29.92	39	ENE	6	b	30.09	+ .14	38	34	- 1	ENE	6	c	6	41	36	-
The Holder	29.94	38	NE	4	b	30.08	+ .23	37	35	0	NE	4	bc	2	39	37	-
Cape Gris Nez	29.75	44	ENE	8	b	?		39	37	-	NE	8	b	7	46	36	-
† Jersey																	
Brest	29.58	50	E	4	o	29.73	+ .19	45	44	+ 1	E	5	h	2	55	43	0.08
Lorient	29.55	55	E	5	m	29.65	+ .16	48	46	+ 1	ENE	5	h	4	55	45	0.04
† Rochefort	29.49	61	NNW	3	c	29.64	+ .13	55	55	+ 1	E	3	h	2	70	43	0.16
Biarritz	29.44	62	?	4	c	29.65	+ .23	57	55	- 2	W	5	h	3	72	52	0.20
Corunna	*	*	*	*	*			*	*						*	*	*
Brussels	*	*	*	*	*	29.94	+ .23	37	35	+ 1	ENE	5	c	*	54	33	-
Charleville	29.67	53	ESE	4	c	29.82	?	42	38	- 3	E	4	b	*	64	?	-
Paris	29.65	59	NE	1	c	29.79	+ .14	46	43	0	ENE	3	o	*	*	*	0.32
Lyons	29.54	57	SW	1	o	29.67	+ .07	51	50	+ 4	NW	1	h	*	65	?	0.08
Toulon	29.58	51	NW	4	o	29.72	+ .10	52	51	- 1	E	4	o	2	57	50	0.08
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.72	36	ENE	4	b	28.83	+ .15	32	32	+ 3	ENE	5	o	*	41	29	0.01

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

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	29.99	40	38	WSW	4	0	4	Valentia ...	29.77	52	43	ENE	3	cm	3
Sumburgh Head								Scilly ...	29.69	45	45	E	7	bm	6
Stornoway ...								Dover ..	29.77	44	40	ENE	6	b	5
Aberdeen ...	30.06	43	41	E	2	c	1	London ...	29.81	48	41	E	4	bc	*
Shields ...	30.01	41	38	E	2	b	2	Yarmouth ...	29.89	41	37	ENE	5	b	5
Ardrossan ...	29.97	51	49	ENE	3	b	2	Jersey ...							
Mullaghmore ...	29.90	44	40	E	6	b	4	Rochefort ...	29.52	63	59	NW	1	b	0
Holyhead ...	29.89	45	40	ENE	6	b	4								

The weather is a good deal quieter than of late, and moderate or fresh E. breezes prevail generally with fine weather, except in the SW, where the sky is overcast. Temperature is still rather low, ranging from 52° at Valentia to 41° in the E. of England.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 8th APRIL

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

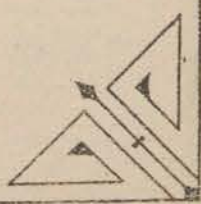
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Friday 8th APRIL -

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.

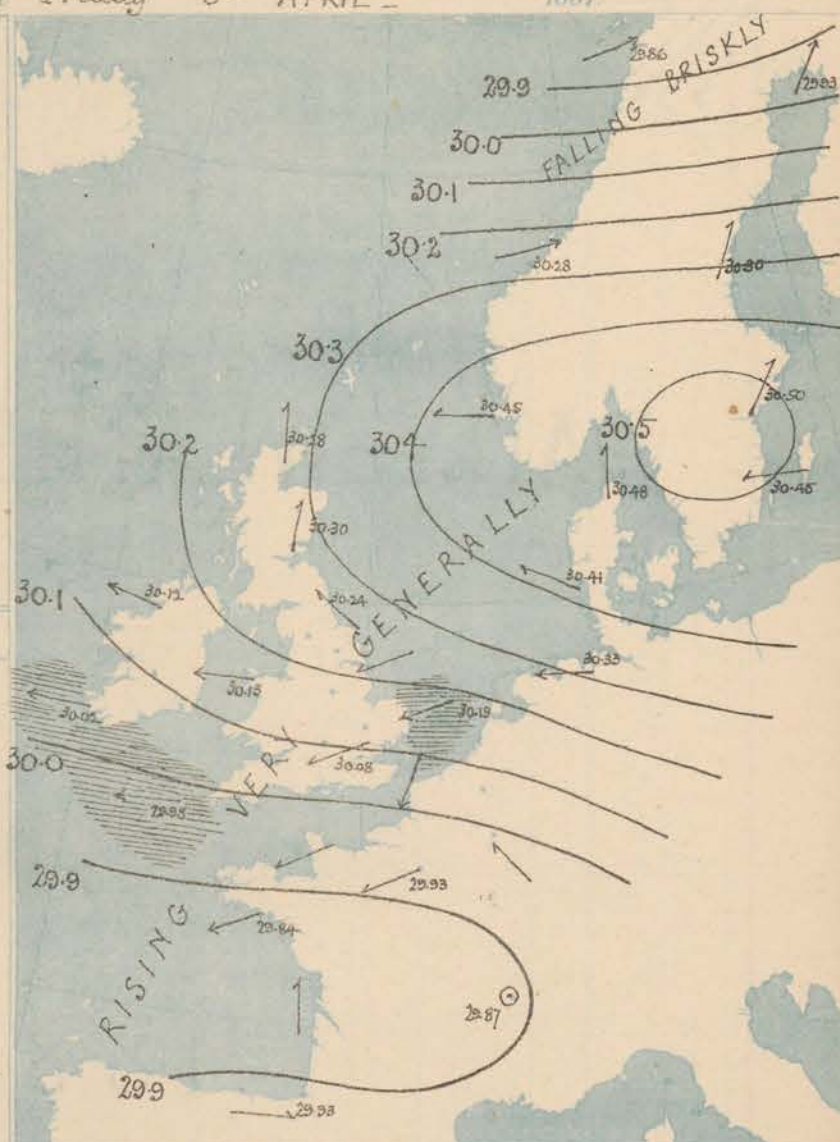
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * forces above 10; * forces 8 to 10
 * forces 5 to 7; * forces 1 to 4.
 ☉ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations	Mean Readings (ins.)
Nairn	29 856
Aberdeen	29 861
Leith	29 894
Scarborough	29 922
Ardrossan	29 903
Greenock	29 894
Holyhead	29 927
Valentia	29 929
Roches Pt.	29 958
Plymouth	29 978
LONDON	29 966
Wormouth	29 948

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 April

Stations	Temp	Rain-Fall (ins.)
Sandburgh Head	42.7	1.85
Stornoway	33.9	2.87
Aberdeen	45.3	2.14
Stirling	36.4	1.72
York	47.0	1.20
Mullaghmore	47.5	0
Holyhead	48.2	1.87
Parsnattown	48.5	1.05
Valentia	49.5	1.64
Sally (St Mary's)	51.8	2.01
Ilfracombe	49.5	0
Dover	48.8	1.39
LONDON	49.2	1.38
Wormouth	47.5	1.33

* 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 Friday 8th April 1887 at 8 a.m.

In the course of the past night the barometer has begun to fall rather briskly in the N. of Scandinavia, and the change is apparently extending to the N. of Scotland. Elsewhere the mercury has risen, the increase being rather brisk over Denmark and in the south of France. The area of highest pressure has moved somewhat to the E² of the position which it occupied yesterday, and now lies over the south of Scandinavia, while relatively low readings are reported from the N. of Norway and from the Bay of Biscay. In consequence the wind is E⁴ over North Germany, the N. of France and England, but draws into SE. and S. on our NW and N. coasts, while W² and SW² breezes prevail over Scandinavia. In most districts the wind has decreased somewhat in force, but is still moderate to fresh generally, and strong in the Channel. Within the area of high pressure noticed above as well as over the SE. Central, and W. part of England the sky is clear but elsewhere it is cloudy or overcast. Rain is again falling in the N. and NW. of France and snow at Christiansund. Temperature has risen fast in Norway but has scarcely changed elsewhere, and readings over these Islands range from 44° at Valsbu to 34° at Hanoir in Fennoscandia. Sharp frost was experienced on the ground at our inland stations last night. Sea is rough in the SW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

APRIL 9th

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW ⁴ winds, freshening; fair to showery, milder.
2 SCOTLAND EAST	SE ⁴ and S ² breezes, moderate; fine, milder.
3 ENGLAND N.E.	D° D° D°
4 ENGLAND EAST	E ⁴ breezes, strong to moderate; fine.
5 MIDLAND COUNTIES	E ⁴ and SE ² winds, moderate to light; fine.
6 ENGLAND SOUTH	Same as N°3

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ⁴ winds, moderate; fine, milder.
7 ENGLAND N.W.	SE ⁴ breezes, fresh; fine generally.
8 ENGLAND S.W.	Same as N°3
9 IRELAND NORTH	SE ⁴ to SW ² breezes, fresh; fine to unsettled, milder.
10 IRELAND SOUTH	SE ² to S ² winds, fresh; fair on the whole, milder.
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

8th APRIL

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	30.16	10	SW	2	0	29.93	-.25	18	17	+ 6	SW	6	0	*	25	3	-			
Hernösand	30.37	20	L	0	6c	30.30	-.07	24	20	+ 6	SSW	2	0	*	34	3	-			
Stockholm	30.43	23	SE	2	6	30.50	+.21	24	22	+ 1	SW	2	6	*	32	18	-			
Wisby	30.33	25	ENE	4	6	30.45	+.35	24	22	- 8	ESE	2	6	*	36	18	-			
Bodö	29.99	31	SW	0	0	29.86	-.26	31	30	+ 5	WSW	6	0	4	32	25	-			
Christiansund	30.28	31	SW	4	0	30.28	+ 0.2	35	32	+ 12	WSW	6	8	4	?	16	-			
† Skudesnaes	30.41	31	NNW	1	6	30.45	+.22	32	28	+ 2	E	2	6	2	?	?	-			
Oxö (Xiänsund)	30.39	32	NE	4	6	30.42	+.21	27	25	- 4	NNW	4	0	2	32	25	-			
Skagen (The Skaw)	30.39	32	ESE	3	6	30.48	+.32	33	31	+ 2	S	4	6	4	39	30	-			
Fanö	30.29	35	E	6	6	30.41	+.33	35	33	+ 3	ESE	4	6	*	45	30	-			
Cuxhaven	30.16	49	ENE	5	6	30.33	+.25	36	34	0	E	5	6	*	?	32	-			
† Sumburgh Head																				
† Stornoway																				
Wick	30.28	42	S	4	6	30.28	+.04	38	37	- 2	S	4	0	4	45	32	-			
Nairn	30.19	44	E	2	6c	30.26	+.05	36	33	+ 3	L	0	6	1	52	28	-			
† Aberdeen	30.30	39	SSE	3	0	30.30	+.04	38	34	- 2	S	4	0	2	44	34	-			
Leith	30.26	40	SSE	1	6c	30.15	+.03	37	34	- 5	SE	1	0	*	43	33	-			
† Shields	30.26	40	E	2	0	30.24	+.02	38	36	0	NE	3	0	3	42	35	-			
Spurn Head	30.20	38	ENE	5	0	30.19	+.02	40	39	+ 1	ENE	4	0	4	42	34	-			
York	30.22	40	ENE	1	6	30.22	+.03	38	35	0	E	1	6	*	47	34	-			
Nottingham																				
† Ardrossan	30.18	47	SSE	2	6	30.24	+.06	38	36	- 2	ESE	2	0	1	52	29	-			
† Mullaghmore	30.04	45	ESE	7	omg	30.12	+.07	38	35	0	ESE	5	omg	4	49	37	-			
Donaghadee	30.20	43	SE	6	6	30.21	+.06	39	35	0	SSE	4	0	2	46	36	-			
Parsonstown	30.04	50	SE	3	6c	30.12	+.09	42	36	+ 7	E	2	6c	*	55	30	-			
Barrow-in-Furness	30.07	42	ENE	6	6c	30.21	+.07	31	29	- 8	NE	3	6	3	49	29	-			
† Holyhead	30.06	45	E	6	6c	30.13	+.06	38	35	+ 1	E	6	6	4	49	34	-			
Liverpool (Bidston)	30.13	42	ENE	3	6c	30.17	+.05	35	32	- 2	E	1	6	1	48	31	-			
† Valentia	29.97	46	E	4	om	30.02	+.09	44	42	0	E	5	0	5	49	43	0.02			
Roche's Point	30.01	42	ESE	4	0	30.07	+.14	43	39	+ 1	SE	5	0	4	50	38	-			
Pembroke	29.96	48	E	3	6c	30.04	+.08	37	34	0	ENE	4	6c	2	50	33	-			
† Scilly	29.89	47	E	8	0	29.98	+.16	42	42	- 1	E	6	0	5	47	41	0.03			
Prawle Point	29.91	45	ENE	6	0	30.00	+.12	36	35	- 3	ENE	5	0	4	40	34	-			
Hurst Castle	29.96	44	ESE	5	0	30.04	+.13	37	36	- 4	E	4	0	4	47	34	-			
† Dover	29.99	42	ENE	5	6m	30.04	+.08	42	40	- 1	E	5	6	4	45	40	-			
† London	30.05	44	ENE	5	6	30.08	+.03	42	39	+ 1	ENE	4	6c	*	50	33	-			
Oxford	30.09	37	NE	5	6	30.11	+.07	37	35	- 2	NNE	4	0	*	51	30	-			
Cambridge	30.10	39	NNE	4	6c	30.12	+.05	41	38	+ 2	NE	1	6	*	50	28	-			
† Yarmouth	30.13	39	ENE	6	6c	30.15	+.06	42	40	+ 4	ENE	5	6	5	42	35	-			
The Helder	30.12	37	NE	3	6	30.19	+.11	35	34	- 2	ENE	3	6	2	39	34	-			
Cape Gris Nez	29.97	42	NE	9	0	30.01	?	40	38	+ 1	NE	7	0	4	46	37	-			
† Jersey	29.86	45	ENE	6	0	29.95		43	42		ENE	4	omg	3	49	42	0.04			
Brest	29.78	47	E	5	0	29.90	+.17	44	43	- 1	E	4	0	3	55	43	0.16			
Lorient	29.78	49	ENE	5	0	29.84	+.19	46	46	- 2	ENE	5	0	4	55	45	0.24			
† Rochefort	29.73	57	NNW	5	0	29.84	+.20	56	55	+ 1	S	4	0	2	?	?	-			
Biarritz	29.80	57	NNW	3	6c	29.93	+.23	57	53	0	W	4	0	3	64	50	-			
Corunna	*	*	*	*	*			*							*	*	*			
Brussels	*	*	*	*	*	30.03	+.09	39	36	+ 2	ENE	5	0	*	52	37	-			
Charleville	29.95	45	?	?	0	29.95	+.13	45	39	+ 3	SE	4	0	*	54	?	-			
Paris	29.87	48	NE	3	0	29.93	+.14	46	44	0	ENE	4	0	*	*	*	-			
Lyons	29.71	56	ESE	1	0	29.87	+.20	52	51	0	WSW	1	0	*	53	50	0.35			
Toulon	29.83	54	L	0	6	29.93	+.21	54	54	+ 2	L	0	0	1	61	50	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.93	34	ENE	4	6	28.92	+.03	33	30	+ 1	ENE	4	6c	*	42	23	-			

YESTERDAY'S REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	30.36	38	32	SSE	4	2	Valentia ...	29.96	46	44	ESE	3	0	4
Sumburgh Head							Scilly ...	29.88	45	45	E	9	0	7
Stornoway ...							Dover ..	30.01	43	39	ENE	6	6	5
Aberdeen ...	30.30	42	39	S	3	2	London ...	30.03	47	42	E	5	6	0
Shields ...	30.26	41	38	E	2	3	Yarmouth ...	30.13	41	37	ENE	6	6	6
Ardrossan ...	30.17	50	49	SSE	2	1	Jersey ...	29.83	47	44	ENE	6	0	4
Mullaghmore ...	30.05	47	41	ESE	6	5	Rochefort ...	29.72	61	59	SSW	4	0	2
Holyhead ...	30.07	47	42	ENE	6	5								

The area of high pressure in the N. is moving slowly to the SE. The wind in our Islands is inclined to veer to the SE. and 3rd, with fair and milder weather. The sea is still rough in the Channel and is rather so 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).
 § Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

SATURDAY, 9TH APRIL.

1881.

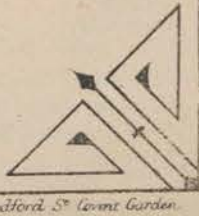
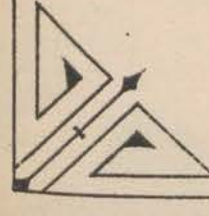
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ROBERT H. SCOTT

(SECRETARY.)

Fred^o Dangerfield L^o 22 Bedford St^o Covent Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 9th April.

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.

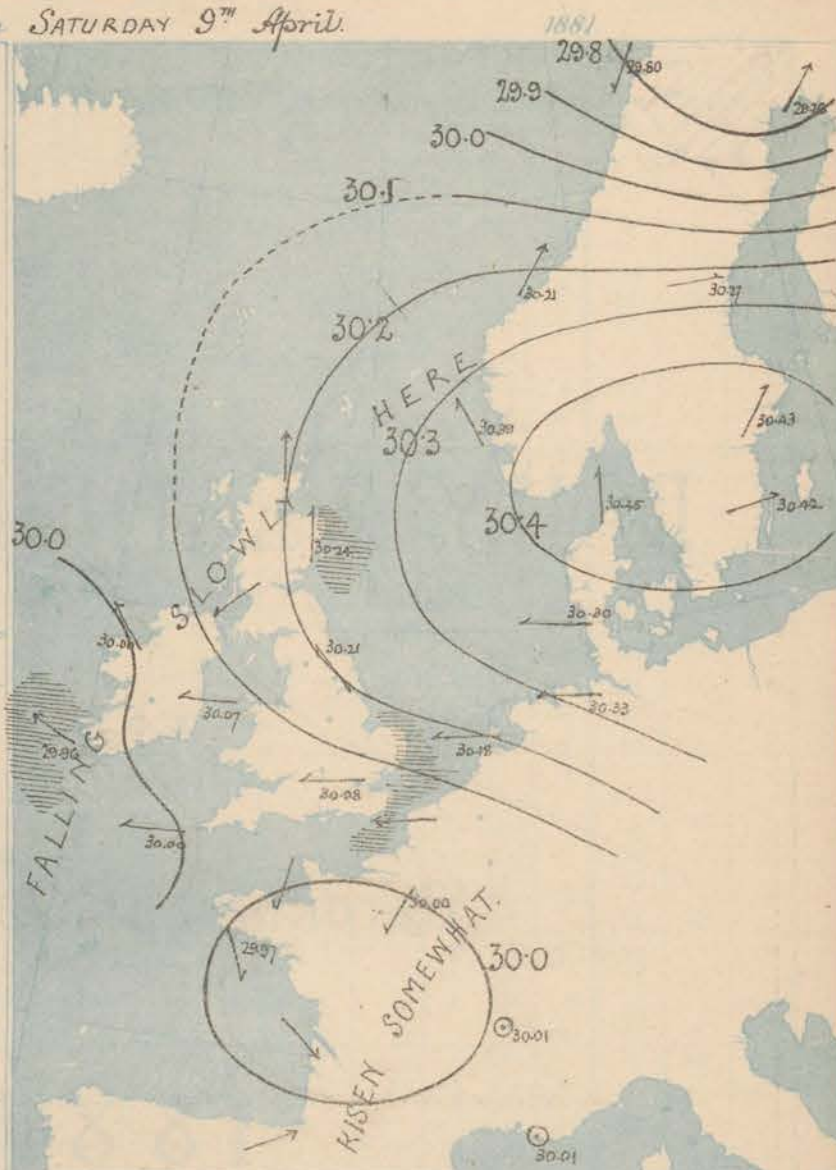
⊙ - dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings Ins.
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenacastle	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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 April

Stations	Temp	Rain-fall Ins.
Samburgh Head	42.7	1.85
Stornoway	43.9	2.87
Aberdeen	45.3	2.14
Shetlands	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	1.70
Holyhead	48.2	1.67
Parsanstown	48.5	1.85
Valentia	49.5	3.04
Selly (St Mary's)	51.8	2.04
Hurst Castle	49.5	1.70
Dover	48.8	1.69
LONDON	49.2	1.48
Yarmouth	47.5	1.73

* The mean Temperatures are those for the 41 years 1857-97, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 9th April 1881, at 8 a.m.

During the past 24 hours the barometer has continued to fall slowly over the N^o and W^o parts of our islands, while it has risen in France, where, however, the readings are still rather lower than those over the North Sea and S^o parts of Scandinavia. There is apparently an area of low pressure lying to the W^o of Ireland, but its motion towards us is very slow. Temperature has risen generally, but not rapidly, and readings range from 55° in the SW of France and 47° on our extreme SW coast, to about 40° on the NE coasts of Great Britain and 36° at Ardrossan. The winds in the S districts has now become very moderate in force, rather fresh SE^{ly} breezes are blowing in Ireland and S^{ly} winds in Scotland. Over France there is an almost complete cyclonic circulation round a shallow depression, but the winds are of little strength. Some rain has fallen at the French stations. Fine weather prevails over the greater part of the United Kingdom, but on our SW coast and in France the sky is overcast. The sea is still rather rough on our SE coast, as well as at Valentia and Aberdeen, generally moderate or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
10th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, increasing in force, ultimately rising to a gale; fine to unsettled and rainy.		
SCOTLAND EAST	D°	D°	D°
2 ENGLAND N.E.	SE ^{ly} winds, moderate to fresh or strong; fine to unsettled.		
3 ENGLAND EAST	E ^{ly} to SE ^{ly} winds, moderate to fresh; fair.		
4 MIDLAND COUNTIES	Same as N° 2.		
5 ENGLAND SOUTH	Same as N° 3.		

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ly} winds, fresh to a gale; fine to rainy.		
7 ENGLAND N.W.	SE ^{ly} winds, moderate to strong; becoming unsettled.		
8 ENGLAND S.W.	E ^{ly} winds, moderate, fine; then SE ^{ly} , strong, unsettled.		
9 IRELAND NORTH	SE ^{ly} winds, fresh to a gale; becoming wet and unsettled.		
10 IRELAND SOUTH	D°	D°	D°

WARNINGS

The south cone was hoisted last evening in Districts N° 6, 7, 8, 9, 10 and part of N° 2.

METEOROLOGICAL OBSERVATIONS FOR

9TH APRIL

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. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).				Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.90	32	SW	2	0	29.76	-0.17	37	33	+19	SW	6	0	*	37	9	-
Hernösand	30.29	38	W S W	4	b.c.	30.27	-0.03	38	33	+14	W	2	0	*	48	3	-
Stockholm	30.44	29	E	2	b	30.43	-0.01	31	28	+7	W S W	2	b	*	36	10	-
Wishy	30.43	26	W	2	b	30.42	-0.01	27	25	+3	W	2	b	*	32	10	-
Bodö	29.76	37	W N	2	h	29.80	+0.06	31	31	0	W N E	4	0	3	37	30	-
Christiansund	30.32	34	W S W	4	e	30.21	-0.07	36	32	+1	SW	6	0	4	36	25	-
†Skudesnaes	30.43	36	S S E	4	b.c.	30.39	-0.06	33	30	+1	SE	4	e	4	39	?	-
Oxö (Klansund)	30.46	32	SE	1	b	30.45	+0.03	26	24	-1	N N W	4	b	2	36	28	-
Skagen (The Skaw)	30.47	32	S S E	2	b	30.45	-0.03	30	28	-3	S	3	b	2	39	30	-
Fanö	30.40	29	E	4	b	30.30	-0.11	34	32	-1	E	4	b	*	41	28	-
Cuxhaven	30.32	30	E	5	b	30.33	+0.00	37	35	+1	E	3	b	*	43	30	-
†Sumburgh Head																	
†Stornoway																	
Wick	30.19	44	S	5	b.c.	30.16	-0.12	40	36	+2	S	5	b.c.	4	45	35	-
Nairn	30.16	43	W	0	b.c.	30.16	-0.10	38	35	+2	W	0	b	1	49	31	-
†Aberdeen	30.25	40	S	4	0	30.24	-0.06	39	36	+1	S	3	0	5	43	35	-
Leith	30.20	42	SE	1	b.c.	30.20	-0.05	37	35	0	E	1	b.c.	*	51	32	-
†Shields	30.23	38	SE	4	0	30.21	-0.03	40	39	+2	SE	3	0	3	43	36	-
Spurn Head	30.18	39	E	5	b	30.17	-0.02	41	40	+1	E	4	b	4	43	38	-
York	30.20	45	ESE	2	b	30.19	-0.03	41	39	+3	SE	1	b	*	52	30	-
Nottingham																	
†Ardrossan	30.13	46	W	0	e	30.17	-0.07	36	35	-2	ENE	2	b.c.	1	49	30	-
†Mullaghmore	30.06	47	SE	4	e	30.09	-0.12	43	40	+5	SE	5	b.c.	4	50	37	-
Donaghadee	30.12	43	E S E	2	e	30.14	-0.07	41	38	+2	SE	5	e	3	44	38	-
Parsonstown	30.05	49	SE	2	b.c.	30.03	-0.09	43	39	+1	SE	2	e	*	54	27	-
Barrow-in-Furness	30.12	48	E	4	b.c.	30.15	-0.06	40	37	+9	NE	4	b.c.	4	53	30	-
†Holyhead	30.06	46	ENE	3	b	30.07	-0.06	40	38	+2	E	2	b	1	48	35	-
Liverpool (quayside)	30.09	49	E	2	b	30.13	-0.04	38	36	+3	E	1	e	1	54	33	-
†Valentia	29.98	47	SE	5	b.c.m.	29.96	-0.06	46	44	+2	ESE	5	b.c.m.	5	50	42	-
Roche's Point	30.07	44	SE	4	0	30.02	-0.05	46	43	+3	ESE	3	b.c.m.	4	51	39	-
Pembroke	29.99	46	W	1	b	30.04	+0.00	41	39	+4	E	2	0	1	51	36	-
†Scilly	30.10	46	E	5	e	30.00	+0.02	47	46	+5	E	4	0	3	47	41	-
Prawle Point	29.98	45	E N E	4	0	30.00	+0.00	43	42	+7	NE	4	0	4	48	35	-
Hurst Castle	30.00	45	E	4	e	30.02	-0.02	44	43	+7	E	3	b.c.m.	4	49	36	-
†Dover	30.01	46	ENE	5	b	30.05	+0.01	43	41	+1	ENE	4	b.c.	3	47	42	-
†London	30.06	46	E	3	b.c.	30.08	+0.00	46	43	+4	E	3	b.c.	*	52	39	-
Oxford	30.08	42	E	2	b	30.09	-0.02	39	37	+2	NE	2	0	g	56	36	-
Cambridge	30.09	46	E	2	b	30.10	-0.02	40	39	-1	E	1	b	*	54	28	-
†Yarmouth	30.11	41	ENE	5	b	30.13	-0.02	41	40	-1	E	5	e	5	43	38	-
The Helder	?	42	?	2	b	30.13	-0.01	37	35	+2	E	2	b	2	46	?	-
Cape Gris Nez	29.98	45	NE	9	0	30.03	+0.02	42	41	+2	E	5	0	5	48	?	-
†Jersey	29.98	46	ENE	3	a.m.	30.01	+0.06	48	46	+5	ENE	2	b.c.m.	2	49	42	-
Brest	29.92	?	E	?	?	30.01	+0.11	47	45	+3	NE	3	0	1	48	43	0.04
Lorient	29.90	49	E	3	m	29.97	+0.13	47	46	+1	NNW	4	m	3	50	45	-
†Rochefort	29.91	56	S	5	0	29.97	+0.13	54	53	-2	NW	5	0	2	63	48	0.28
Biarritz	29.99	57	W	5	e	30.08	+0.15	55	52	-2	WSW	5	b.c.	3	61	48	0.08
Cornwall		*	*	*	*			*	*					*	*	*	*
Brussels		*	*	*	*	30.05	+0.02	43	39	+4	ENE	5	0	*	50	?	-
Charleville	29.99	49	SE	4	0	30.03	+0.08	44	40	-1	SE	4	0	*	58	44	-
Paris	29.93	55	ENE	1	0	30.00	+0.07	48	47	+2	NE	3	0	*	*	*	0.24
Lyons	29.89	57	ESE	1	2	30.01	+0.14	52	51	0	NNW	1	0	*	64	50	0.04
Toulon	29.97	54	W	4	e	30.01	+0.08	57	53	+3	W	0	b	2	63	52	-

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

Hawes Junction	28.90	42	E	3	b	28.90	-0.02	33	33	0	E	4	0	*	48	30	-
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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 ...	30.47	39	38	SSS	4	b	3	Valentia ...	30.01	48	44	SEA	4	b.c.m.	4
Sumburgh Head								Scilly ...	30.01	45	41	E	5	0	4
Stornoway ...								Dover ..	30.03	45	41	E N E	5	b	4
Aberdeen ...	30.27	42	39	S	5	0	3	London ...	30.05	48	46	E	3	e	*
Shields ...	30.24	41	39	SE	3	c	3	Yarmouth ...	30.14	43	40	E N E	5	b	5
Ardrossan ...	30.18	48	46	SW	1	b	1	Jersey ...	29.96	48	46	E N E	3	0	3
Mullaghmore ...	30.08	48	41	SEE	5	a.m.	4	Rochefort ...	29.88	59	57	W N W	4	0	2
Holyhead ...	30.11	45	41	NW	3	b	2								

A slight decrease of pressure has occurred except in the SW. but there is no other change of importance. The wind still draws from E. in the S. into SE. and S. in the N., while the weather is fair though rather cloudy.

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 3 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY, 10TH APRIL

1881.

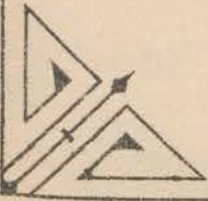
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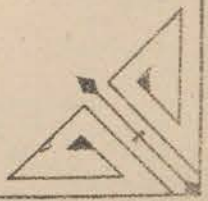
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Sunday 10TH APRIL.

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.

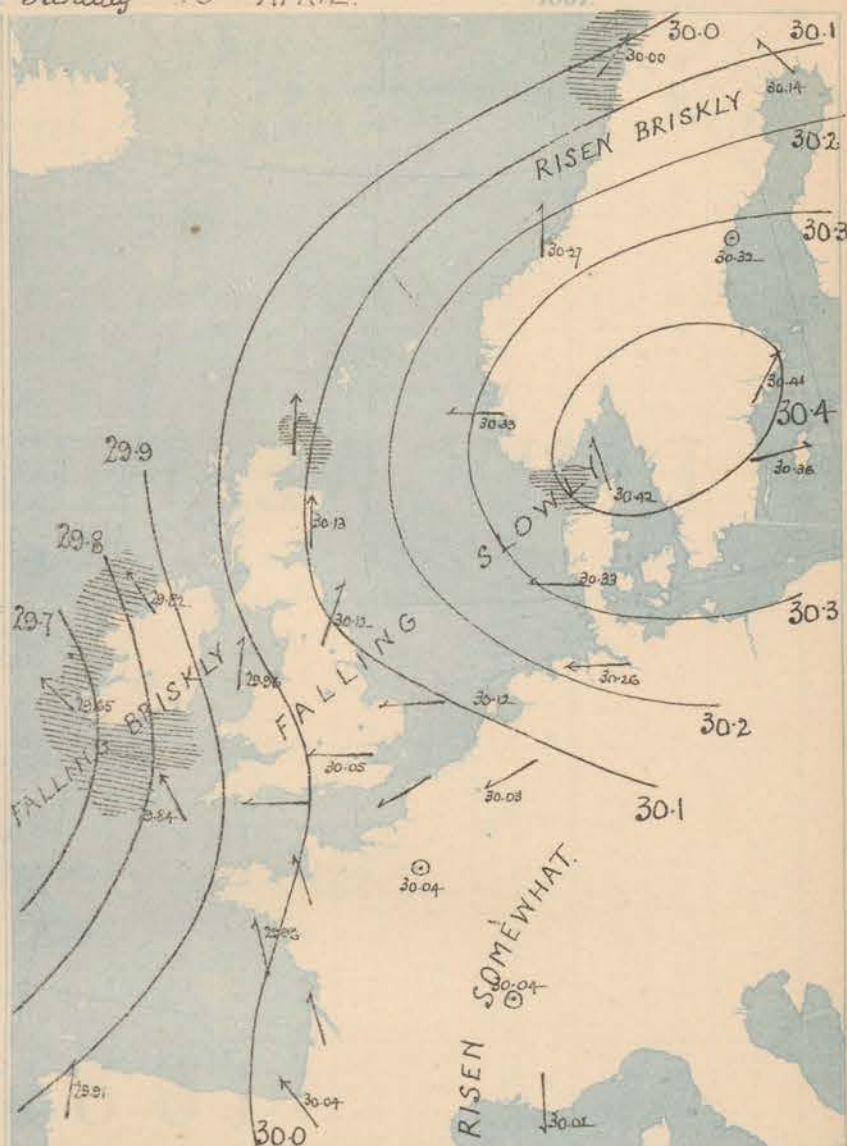
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings In.
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.929
Roch's Pt.	29.958
Plymouth	29.973
LONDON	29.960
Farmouth	29.940

These means are for the 10 years 1866-76.
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 April

Stations	Temp	Rain-fall
Sandburgh Head	42.7	1.86
Stornoway	41.9	2.87
Aberdeen	45.3	2.76
Shetlands	46.4	7.72
York	47.0	1.70
Mullingmore	47.5	0
Holyhead	48.2	1.67
Parsonstown	48.5	1.85
Valentia	49.5	3.83
Sally (St. Mary's)	51.8	2.01
Hurst Castle	49.5	0
Devon	48.8	1.80
LONDON	49.2	1.45
Kornmouth	47.5	1.73

* The mean Temperatures are those for the 53 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1876.



REMARKS

for Sunday 10th April 1881 at 8 a.m.

The change which the weather over Western Europe is undergoing is progressing very slowly. A decided fall of the barometer is now, however, taking place on our SW. coast, and is spreading in a less degree to all parts of our area except the south of Scandinavia, where the anticyclone is still shown and the mercury still rises. The lowest pressures lie off our SW. coast and SE. winds prevail all over the west of France and the western half of the British Isles, while E. winds are reported over the North Sea and the SE. of England, and S. winds in Scotland. In the extreme N. and N. the wind blows freshly. The weather is fine over the countries to the E. of the North Sea, and at some of our eastern stations, but is cloudy or dull generally with mist or fog in many places. Temperature has fallen over Central England, but risen generally and readings range from 51° at Valentia to 33° at Oxford. During the past night temperature has been rather low at the inland stations. The sea is slight except in the extreme N. and N.

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

7 SCOTLAND WEST

8 ENGLAND N.W.

9 ENGLAND S.W.

10 IRELAND NORTH

11 IRELAND SOUTH

WARNINGS

FORECASTS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 10TH APRIL 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	30.02	18	Z	0	b	30.14	+ .38	26	24	- .11	SE	2	0	*	37	2	-		
Hernösand	30.29	37	SH	2	b	30.32	+ .05	41	36	+ .3	Z	0	b	*	45	30	-		
Stockholm	29.99	30	SH	2	o	30.41	- .02	30	27	- .1	WSW	2	be	*	39	23	-		
Wisby	30.32	27	W	2	b	30.36	- .06	30	29	+ .3	W	2	b	*	37	30	-		
Bodö	30.02	31	SH	6	t	30.00	+ .28	36	32	+ .5	SH	6	b	5	?	27	-		
Christiansund	30.28	36	WSW	5	o	30.27	+ .08	32	24	- .4	S	1	b	4	37	21	-		
†Skudesnaes	30.34	33	ESE	2	b	30.33	- .06	33	30	0	E	4	b	3	39	?	-		
Oxö (Xiansund)	30.36	28	SE	1	b	30.41	- .04	27	26	+ .1	NNW	2	b	5	32	?	-		
Skagen (The Skaw)	30.39	33	S	3	b	30.42	- .03	35	33	+ .5	S	3	b	3	37	28	-		
Fanö	30.33	38	E	4	b	30.33	+ .03	37	35	+ .3	E	4	b	*	43	30	-		
Cuxhaven	30.29	49	E	5	b	30.26	- .07	38	36	+ .1	E	5	b	*	?	32	-		
†Sumburgh Head																			
†Stornoway																			
Wick	30.10	45	S	6	b	30.05	- .11	40	36	0	S	7	be	6	47	34	-		
Nairn	30.07	45	Z	0	b	30.04	- .12	40	37	+ .2	Z	0	b	0	50	32	-		
†Aberdeen	30.18	44	S	4	b	30.13	- .11	39	37	0	S	5	c	3	45	36	-		
Leith	30.13	47	E	1	b	30.09	- .11	38	35	+ .1	SSE	1	b	3	52	30	-		
†Shields	30.16	40	SE	4	c	30.12	- .09	38	36	- .2	SSW	2	o	*	43	33	-		
Spurn Head	30.16	40	E	4	b	30.09	- .08	41	40	0	E	4	be	4	44	38	-		
York	30.15	44	ESE	2	be	30.14	- .05	39	37	- .2	ESE	1	c	*	52	34	-		
Nottingham																			
†Ardrossan	30.05	39	Z	0	b	30.04	- .03	40	39	+ .4	ENE	4	cm	2	53	31	-		
†Mullaghmore	29.98	42	SE	5	b	29.92	- .18	45	45	+ .5	SE	6	neg	5	55	42	-		
Donaghadee	30.04	42	SE	2	be	30.00	- .14	42	40	+ .1	SSE	4	c	2	48	39	-		
Parsonstown	29.95	42	SSE	2	c	29.85	- .18	47	44	+ .4	SE	4	o	*	57	42	-		
Barrow-in-Farness	30.06	40	ENE	5	b	30.07	- .08	40	38	0	NE	4	b	4	54	34	-		
†Holyhead	30.02	48	NW	1	b	29.96	- .11	44	42	+ .4	S	1	f	0	51	39	-		
Liverpool (Bidston)	30.05	50	ESE	1	b	30.05	- .08	39	36	+ .1	ESE	3	m	1	53	33	-		
†Valentia	29.87	48	SE	7	r	29.65	- .31	51	49	+ .5	ESE	6	o	5	53	45	0.03		
Roche's Point	29.97	50	SE	3	c	29.78	- .24	48	46	+ .2	SE	5	cm	5	50	46	-		
Pembroke	29.97	45	ESE	1	m	29.89	- .15	45	43	+ .4	ESE	4	cm	3	49	40	-		
†Scilly	30.07	49	ESE	3	o	29.84	- .16	50	50	+ .3	SE	5	f	0	50	45	0.03		
Prawle Point	30.02	45	ENE	3	o	29.97	- .03	45	45	+ .2	E	2	f	3	49	42	-		
Hurst Castle	30.03	48	S	1	c	30.03	+ .01	42	41	- .2	E	2	cm	3	51	36	-		
†Dover	30.04	45	ENE	4	c	30.03	- .02	46	43	+ .3	ENE	3	be	2	48	43	-		
†London	30.07	45	ESE	2	bm	30.05	- .03	40	40	- .3	E	1	cm	*	56	37	-		
Oxford	30.08	46	E	2	b	30.06	- .03	33	32	- .6	NNE	1	of	*	54	28	-		
Cambridge	30.06	48	E	1	b	30.07	- .03	35	33	- .5	E	1	o	*	56	27	-		
†Yarmouth	30.09	42	ENE	4	b	30.08	- .05	42	41	+ .1	E	3	be	4	44	40	-		
The Helder	30.13	43	E	2	b	30.12	- .06	36	35	- .1	E	2	b	2	50	36	-		
Cape Gris Nez	30.06	45	E	4	o	30.06	+ .03	45	43	+ .3	ENE	3	m	2	48	41	-		
†Jersey	30.05	49	NNW	1	o	30.04	+ .03	47	47	- .1	SSE	1	of	1	50	43	-		
Brest	30.06	48	NE	1	c	29.93	- .08	50	50	+ .3	S	4	o	3	50	43	-		
Lorient	30.00	52	W	3	b	29.96	- .01	51	51	+ .4	SSE	4	m	2	57	45	-		
†Rocheport	30.07	57	NNW	5	be	30.04	+ .07	55	54	+ .1	SSE	3	o	2	68	46	-		
Biarritz	30.10	58	N	4	be	30.04	- .04	53	49	- .5	SE	3	be	3	61	46	-		
Corunna	*	*	*	*	*	29.91		61	*		S	1	of	4	*	*	*		
Brussels	*	*	*	*	*	30.03	- .02	48	47	+ .5	ENE	1	c	*	51	2	-		
Charleville	30.08	52	SSE	5	c	30.05	+ .02	48	45	+ .4	SE	4	o	*	56	44	-		
Paris	29.99	54	E	3	o	30.04	+ .04	52	50	+ .4	Z	0	o	*	*	*	0.04		
Lyons	29.98	58	N	1	be	30.04	+ .03	52	49	- .1	?	1	be	*	62	49	-		
Toulon	30.01	57	NW	5	c	30.02	+ .01	55	51	- .2	N	1	b	2	64	50	0.12		

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

Hawes Junction	29.83	42	E	4	b	29.82	- .08	33	32	0	E	3	0	48	29	-	-
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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 ...	30.38	39	34	S	4	b	4	Valentia ...	29.89	53	50	SE	7	cm	6
Sumburgh Head								Scilly ...	30.00	49	49	ESE	3	of	3
Stornoway ...								Dover ..	30.04	45	42	ENE	4	c	3
Aberdeen ...	30.21	43	40	S	4	c	3	London ...	30.06	51	45	SE	2	c	*
Shields ...	30.17	43	40	ESE	3	c	3	Yarmouth ...	30.10	48	41	E	5	b	5
Ardrossan ...	30.08	53	50	Z	0	b	0	Jersey ...	30.03	54	51	WNW	1	o	1
Mullaghmore ...	29.94	51	46	SE	5	b	4	Rocheport ...	30.03	58	54	WNW	7	o	2
Holyhead ...	30.05	50	44	NW	2	b	1								

Pressure is now beginning to decrease more decidedly at Valentia, where also the wind has risen to a moderate gale from SE with rising temperature and a rough and rising sea. In the S and E. the weather is fine and mild and the wind light to moderate from the E.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; 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).

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WEATHER CHARTS

for 8 a.m. on Monday 11th April.

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.

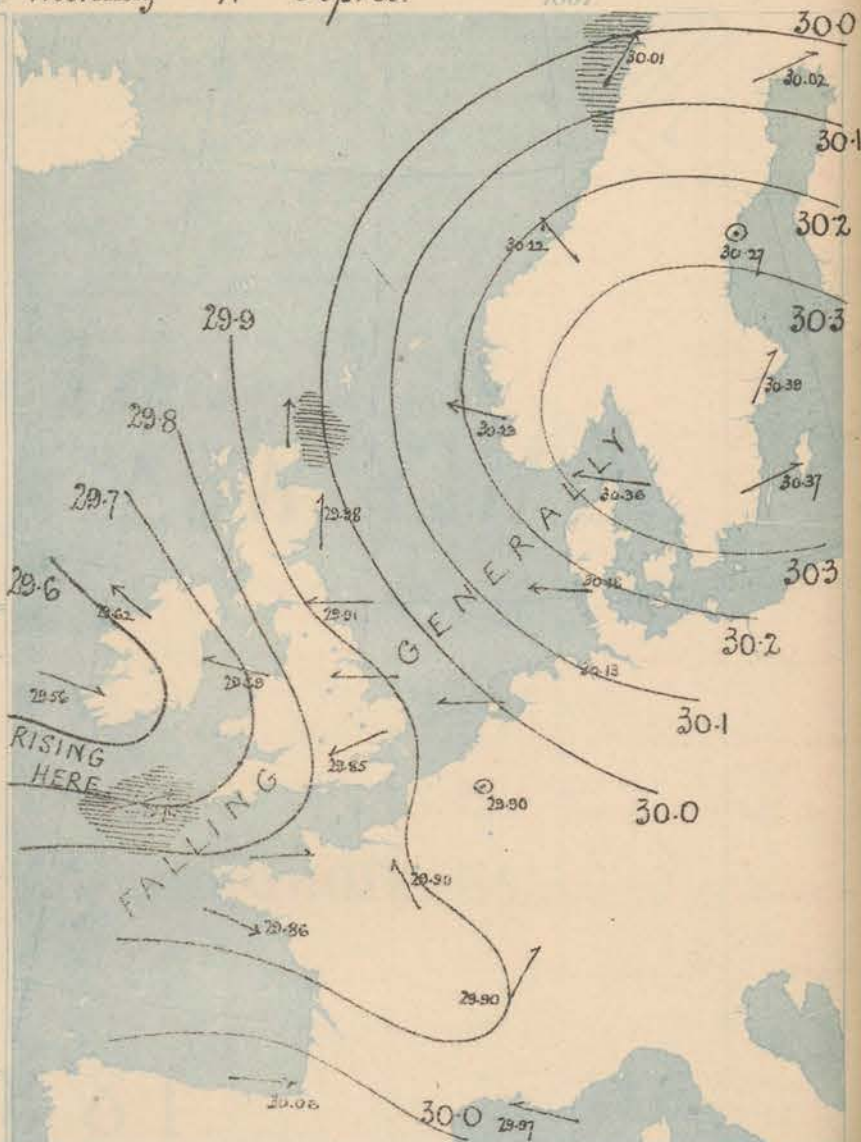
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings in.
Nairn	29 856
Aberdeen	29 861
Leith	29 894
Scarborough	29 922
Ardrossan	29 903
Greenacastle	29 894
Holyhead	29 923
Valentia	29 929
Roche's Pt.	29 953
Plymouth	29 978
LONDON	29 966
Yarmouth	29 948

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



REMARKS

for MONDAY 11th APRIL 1881, at 8 a.m.

During the past night, the depression which yesterday lay outside our extreme Wst coast has passed slowly End over Ireland, where it is apparently almost stationary. A slight recovery has commenced over the west of France and at Valentia, but in all other parts of Western Europe the barometer has fallen, though within the anticyclone which lies over the south of Scandinavia the change is very slight. The wind varies a good deal. It is W^{ly} over France and our extreme SW. coast, E^{ly} over the North Sea, the greater part of England, and the north of Ireland and S^{ly} in Scotland. It blows freshly at Scilly and over the Bay of Biscay, as well as at some of our NW and W stations, but is light or moderate elsewhere. A slight gale was experienced in Caithness last night. The weather is fine in Scotland and on the east coast of England, as well as over the countries to the End of the North Sea, but is cloudy or dull elsewhere with rain in the SW. Temperature has risen generally, the change being considerable in the SE., and readings range at present at present from 51° at Valentia to 40° at Thirl. During yesterday the thermometer rose to 60° in London and at Oxford. The sea is rough at Scilly, moderate to slight on our other coasts.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

12th APRIL

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S ^{ly} and SE ^{ly} breezes, light and moderate; fair, mild.		
1	SCOTLAND EAST	D°	D°	D°
2	ENGLAND N.E.	E ^{ly} and SE ^{ly} winds, light; fair to cloudy or dull.		
3	ENGLAND EAST	SE ^{ly} and S ^{ly} winds, moderate; fair to dull, some rain.		
4	MIDLAND COUNTIES	SW ^{ly} and W ^{ly} breezes, moderate; dull, close, some rain.		
5	ENGLAND SOUTH	D°	D°	D°

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SE ^{ly} winds, fresh; cloudy, some rain.		
7	ENGLAND N.W.	SE ^{ly} to SW ^{ly} winds, moderate; dull, some rain.		
8	ENGLAND S.W.	SW ^{ly} and W ^{ly} winds, fresh; dull, showery.		
9	IRELAND NORTH	Same as N° 6.		
10	IRELAND SOUTH	W ^{ly} or NW ^{ly} winds, moderate; dull, showery.		
WARNINGS		None Issued.		

METEOROLOGICAL OBSERVATIONS FOR

11TH APRIL

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 ...	30.05	30	Z	0	0	30.02	-12	36	32	+10	W	2	0	*	?	25	-	
Hernösand ...	30.24	31	Z	0	0	30.24	-05	31	31	-10	Z	0	0	*	50	28	-	
Stockholm ...	30.42	31	SW	2	0	30.39	-02	33	28	+3	SW	2	0	*	45	23	-	
Wisby ...	30.34	28	WSW	2	0	30.34	+01	32	30	+2	WSW	4	0	*	39	18	-	
Bodö ...	30.02	38	SW	9	0	30.01	+01	38	34	+2	SW	6	0	5	39	36	0.04	
Christiansund...	30.24	32	NE	1	0	30.22	-05	32	31	0	SE	1	0	4	39	18	-	
†Skudesnaes ...	30.23	34	SSW	4	0	30.23	-10	40	36	+4	ESE	6	0	4	?	?	-	
Orö (Xmansund)...	?	33	NE	4	0	30.35	-06	32	30	+5	NNE	4	0	2	34	?	-	
Skagen (The Skaw)	30.39	35	ESE	3	0	30.36	-06	36	34	+1	ESE	4	0	3	43	32	-	
Fanö ...	30.24	36	ESE	6	0	30.18	-15	40	34	+3	E	6	0	*	45	32	-	
Cuxhaven ...	30.14	50	SE	2	0	30.13	-13	39	34	+1	SE	5	0	*	?	34	-	
†Sumburgh Head																		
†Stornoway ...																		
Wick ...	29.95	43	S	4	0	29.94	-11	40	38	0	S	4	0	6	45	33	-	
Nairn ...	29.94	46	Z	0	0	29.91	-13	41	38	+1	Z	0	0	1	56	30	-	
†Aberdeen ...	30.04	40	S	5	0	29.98	-15	42	39	+3	S	4	0	3	46	36	-	
Leith ...	29.93	42	SE	1	0	29.92	-14	41	38	+3	ESE	1	0	*	55	34	-	
†Shields ...	30.01	40	SE	6	0	29.91	-21	42	41	+4	E	2	0	3	44	36	-	
Spurn Head ...	30.00	40	E	3	0	29.88	-21	44	43	+3	E	3	0	4	45	38	-	
York ...	30.00	48	E	1	0	29.90	-24	41	40	+2	ESE	1	0	*	54	30	-	
Nottingham ...																		
†Ardrossan ...	29.88	50	SSW	3	0	29.82	-22	40	39	0	ESE	6	0	3	56	239	-	
†Mullaghmore ...	29.64	51	SE	5	0	29.62	-20	44	46	-1	SE	5	0	4	53	45	-	
Donaghadee ...	29.84	48	SE	4	0	29.75	-25	43	41	+1	SE	5	0	3	51	42	0.01	
Parsonstown ...	29.63	51	SE	4	0	29.59	-26	51	49	+4	SE	3	0	*	52	46	0.04	
Barrow-in-Furness	29.88	52	ESE	6	0	29.80	-24	46	43	+6	NE	5	0	4	54	39	-	
†Holyhead ...	29.72	56	S	3	0	29.69	-24	49	48	+5	ESE	3	0	2	54	43	0.02	
Liverpool (Bishopsgate)	29.86	53	ESE	2	0	29.78	-24	45	43	+6	E	2	0	1	56	39	0.01	
†Valentia ...	29.44	52	SW	4	0	29.56	-09	51	50	0	WSW	2	0	2	53	48	0.33	
Roche's Point...	29.46	55	SE	5	0	29.52	-26	50	49	+2	SE	3	0	4	54	48	0.38	
Pembroke ...	29.72	49	SE	5	0	29.61	-28	47	46	+2	SE	2	0	3	52	39	0.11	
†Scilly ...	29.65	51	SE	6	0	29.70	-14	50	49	0	WSW	6	0	5	51	45	0.36	
Prawle Point ...	29.82	46	ESE	2	0	29.76	-21	47	47	+2	SSW	3	0	3	49	44	0.15	
Hurst Castle ...	29.89	50	SE	3	0	29.80	-23	48	48	+6	SSW	3	0	2	56	42	0.08	
†Dover ...	29.95	48	ESE	2	0	29.86	-14	51	49	+5	E	1	0	0	51	46	-	
†London ...	29.94	55	ESE	2	0	29.85	-20	49	47	+6	ESE	2	0	*	61	40	-	
Oxford ...	29.90	50	SE	3	0	29.82	-24	48	47	+15	Z	0	0	*	60	33	0.01	
Cambridge ...	29.95	50	E	1	0	29.84	-23	47	45	+12	E	1	0	*	59	34	-	
†Yarmouth ...	30.01	43	ESE	2	0	29.89	-19	44	43	+2	ESE	2	0	2	44	41	-	
The Helder ...	30.02	45	E	2	0	29.95	-	42	41	-	E	1	0	1	50	36	-	
Cape Gris Nez ...	29.91	46	E	3	0	29.89	-14	53	50	+8	SSW	3	0	1	?	43	-	
†Jersey ...	29.90	52	SE	2	0	29.87	-14	50	50	+3	W	3	0	3	54	46	0.18	
Brest ...	29.76	52	SSW	5	0	29.86	-07	51	49	+1	W	5	0	4	52	48	0.20	
Lorient ...	29.81	53	SSW	4	0	29.86	-10	51	49	0	WNW	5	0	4	54	48	0.32	
†Rochefort ...	29.93	61	NNW	3	0	29.93	-11	55	52	0	NNW	9	0	4	?	39	0.55	
Biarritz ...	29.93	64	W	4	0	30.06	+02	57	53	+4	W	7	0	4	70	48	0.08	
Corunna ...	*	*	*	*	*			*	*					*	*	*	*	
Brussels ...	*	*	*	*	*	29.90	-13	52	49	+4	SE	1	0	*	61	46	-	
Charleville ...	29.97	64	E	1	0	29.91	-14	50	46	+2	S	4	0	*	?	48	0.16	
Paris ...	29.97	58	Z	0	0	29.90	-14	52	50	0	SE	1	0	*	*	*	-	
Lyons ...	29.95	58	NNE	1	0	29.90	-14	48	46	-3	SW	1	0	*	63	44	-	
Toulon ...	29.94	54	W	5	0	29.94	-05	50	49	-5	ESE	4	0	2	63	48	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction ...	28.71	48	E	3	0	28.62	-20	36	35	+3	E	4	0	*	50	28	-	

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	30.33	42	34	SSW	6	4	Valentia ...							
Sumburgh Head ...							Scilly ...							
Stornoway ...							Dover ...							
Aberdeen ...							London ...						*	
Shields ...							Yarmouth ...							
Ardrossan ...							Jersey ...							
Mullaghmore ...							Rochefort ...	29.99	64	61	SSW	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, 12TH APRIL.

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 Tuesday 12th APRIL.

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.

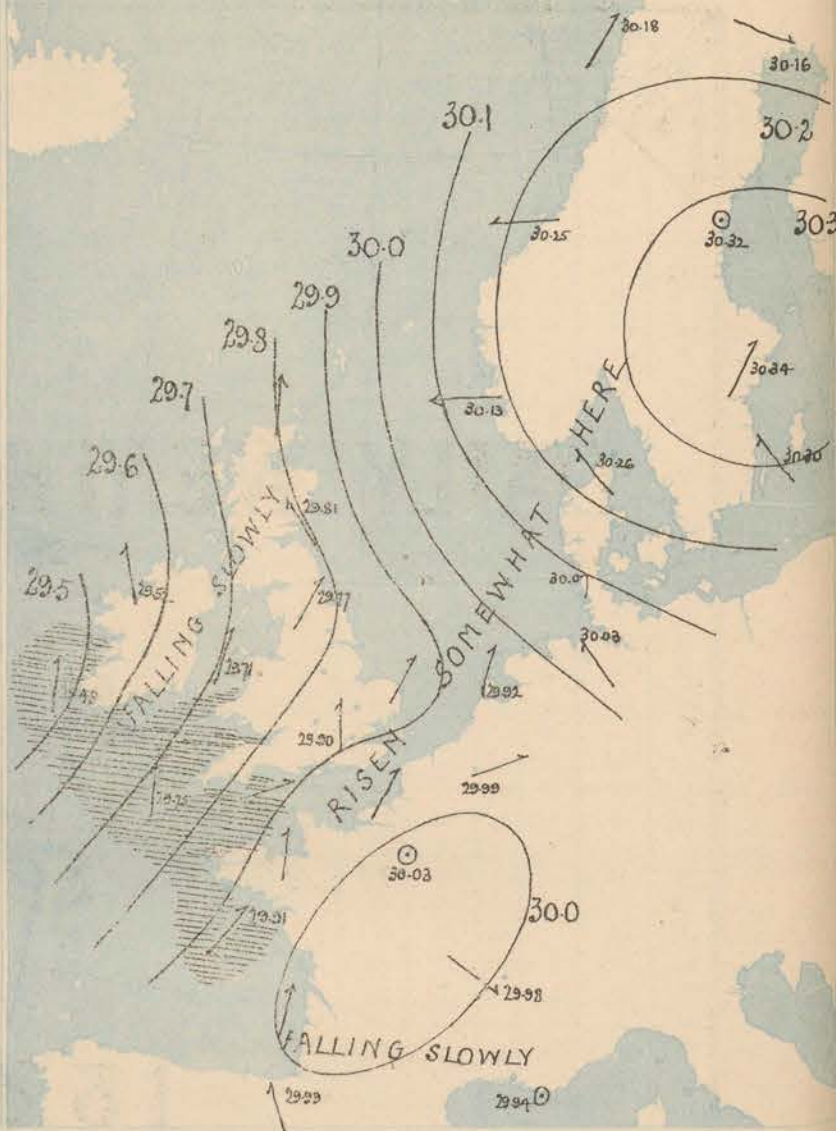
Sea Disturbance, where considerable, is shown by shading round the spot, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations	Mean Readings In.
Nuern	29 856
Aberdeen	29 867
Leith	29 894
Scarborough	29 922
Arrossan	29 903
Greenacastle	29 894
Holyhead	29 927
Valencia	29 929
Roche's Pt.	29 958
Plymouth	29 970
LONDON	29 966
Yarmouth	29 940

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 April

Stations	Temp	Rain fall
Sandburgh Head	42.7	1.85
Stornoway	41.0	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
McLoughmore	47.5	1
Holyhead	48.2	2.67
Parsonstown	46.5	1.93
Valencia	49.5	3.64
Sally (St Mary's)	51.8	2.01
Burst Castle	49.5	1
Dover	48.8	2.49
LONDON	49.2	1.48
Yarmouth	47.5	1.23

* 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 TUESDAY 12th APRIL 1881 at 8 a.m.

An increase of pressure is reported this morning from our SE coasts, and from the greater part of Scandinavia; but in all other places the mercury is falling, the change in the S. of Ireland having been rather brisk during the night. A large area of high pressure (30.3 ins.) lies over Sweden, while a large depression is shown off the west of Ireland, so that gradients for Sth winds have been formed over these Islands. Breezes from that quarter are consequently reported from nearly all our coasts, blowing strongly in the SW., but lightly or moderately on our other coasts, while on the eastern shores of the North Sea, moderate or strong Eth winds are felt. The weather is fine in some parts of Scotland as well as over Scandinavia and North Germany, but elsewhere the sky is cloudy or overcast with rain at nearly all our Central and NWth stations, and much fog or mist in the SW. Temperature has risen except over France, and readings range from 52° at Scilly and Mullaghmore to 42° at Aberdeen. The maxima were generally between 47° and 57°, but in London and at Holyhead the thermometer reached 60°. The sea is rough in the SW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13th APRIL

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE th and S th winds, moderate; fine to dull, some rain.	6 SCOTLAND WEST	Same as Nos 0. and 1.
2 SCOTLAND EAST	D° D° D°	7 ENGLAND N.W.	S th winds, moderate and fresh, dull and rainy.
3 ENGLAND N.E.	SW th and S th winds, moderate; dull, some rain.	8 ENGLAND S.W.	E th and SW th winds, strong, perhaps a gale; dull, showery.
4 ENGLAND N.E.	D° D° D°	9 IRELAND NORTH	Same as No 7.
5 ENGLAND EAST	S th breezes, light to fresh; rainy to fair.	10 IRELAND SOUTH	S th to W th winds, strong, perhaps a gale; dull, unsettled, showery.
6 ENGLAND SOUTH	SW th and S th winds, moderate to fresh; dull, mild and rainy, then fair.	WARNINGS	The south cone was hoisted last evening in districts Nos 0. 1. 8. and 10.

METEOROLOGICAL OBSERVATIONS FOR

12th APRIL

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.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.95	33	SW	2	b	30.16	+1.4	35	30	-1	NW	2	b	*	41	30	-	
Hernösand ...	30.25	33	L	0	o	30.32	+0.5	40	35	+9	L	0	b	*	46	18	-	
Stockholm ...	30.36	30	WSW	2	b	30.34	-0.5	36	32	+3	WSW	2	b	*	46	25	-	
Wisby ...	30.28	32	SSW	1	b	30.30	-0.7	37	34	+5	SSE	2	b	*	39	19	-	
Bodö ...	30.00	34	SW	6	o	30.18	+1.7	39	34	+1	SW	2	o	2	?	36	0.16	
Christiansund ...	30.23	36	SSE	1	b	30.25	+0.3	37	32	+5	E	4	b	3	39	25	-	
†Skudesnaes ...	30.18	37	SSE	1	b	30.13	+1.0	41	34	+1	E	6	b	4	48	37	-	
Oxö (Christiansund) ...	30.25	36	NE	4	b	30.22	-1.3	36	33	+4	NE	6	b	3	36	?	-	
Skagen (The Skaw) ...	30.27	39	ESE	3	b	30.26	-1.0	37	35	+1	SE	4	b	4	52	36	-	
Fanö ...	30.11	41	E	6	o	30.07	-1.1	41	38	+1	ESE	6	o	*	48	39	-	
Cuxhaven ...	30.07	?	SE	3	o	30.03	-1.0	46	44	+7	SE	3	b	*	46	36	-	
†Sumburgh Head ...																		
†Stornoway ...																		
Wick ...	29.90	41	S	8	o	29.82	-1.2	42	41	+2	S	5	o	4	45	33	0.07	
Nairn ...	29.82	50	SSE	3	b	29.74	-1.7	45	41	+4	SSE	1	b	1	57	39	-	
†Aberdeen ...	29.92	41	SSE	4	o	29.81	-1.7	42	41	0	SE	4	om	4	47	39	0.07	
Leith ...	29.81	42	E	2	b	29.74	-1.8	46	45	+5	E	1	b	*	50	38	0.05	
†Shields ...	29.82	41	SE	2	o	29.77	-1.4	48	47	+6	SW	2	o	3	48	40	0.11	
Spurn Head ...	29.82	44	SSE	5	λ	29.83	-0.5	46	46	+2	SSW	2	c	3	47	42	0.17	
York ...	29.80	48	ESE	1	λ	29.80	-1.0	49	48	+8	S	1	b	*	54	39	0.40	
Nottingham ...														*				
†Ardrossan ...	29.74	46	ESE	3	λ	29.69	-1.3	46	45	+6	ESE	1	c	1	52	40	0.14	
†Mullaghmore ...	29.60	50	SSE	4	o	29.52	-1.0	52	51	+5	SSE	4	og	3	52	46	0.17	
Donaghadee ...	29.68	45	SSE	4	λ	29.66	-0.9	44	44	+1	SSE	4	λ	2	48	42	0.16	
Parsonstown ...	29.64	53	SW	2	o	29.59	-0.9	53	51	+2	S	1	o	*	56	47	0.10	
Barrow-in-Furness ...	29.72	52	SSE	5	o	29.74	-0.6	46	45	0	ESE	4	d	4	54	42	0.22	
†Holyhead ...	29.67	49	SSE	3	m	29.71	+0.2	48	48	-1	SSW	4	d	3	60	45	0.34	
Liverpool (Bidston) ...	29.70	54	S	2	c	29.76	-0.2	48	47	+3	SE	2	λ	1	58	45	0.47	
†Valentia ...	29.62	51	SSE	6	rmg	29.48	-0.8	51	51	0	S	6	oung	6	56	50	0.16	
Roche's Point ...	29.64	51	WSW	4	λ	29.61	+0.9	49	48	-1	S	5	o	4	56	48	0.18	
Pembroke ...	29.72	43	WSW	5	c	29.73	+1.2	47	47	0	S	4	om	5	48	46	0.29	
†Scilly ...	29.84	52	SW	5	om	29.75	+0.5	52	52	+2	S	6	om	5	56	48	0.01	
Prawle Point ...	29.86	48	SSW	3	o	29.86	+1.0	48	48	+1	SSW	4	f	5	52	45	0.01	
Hurst Castle ...	29.87	47	W	4	c	29.89	+0.9	49	49	+1	WSW	4	o	4	51	46	0.16	
†Dover ...	29.90	49	SW	3	b	29.95	+0.9	47	46	-4	WSW	3	o	1	57	44	0.02	
†London ...	29.85	56	S	2	c	29.90	+0.5	50	49	+1	S	2	λ	*	60	45	0.11	
Oxford ...	29.85	49	WSW	3	o	29.86	+0.4	50	49	+2	SSE	4	rog	*	59	47	0.32	
Cambridge ...	29.80	56	S	1	o	29.87	+0.3	49	48	+2	S	1	λ	*	57	45	0.07	
†Yarmouth ...	29.87	45	SE	2	m	29.88	-0.1	47	47	+3	SW	1	o	2	47	43	0.05	
The Helder ...	29.95	51	ESE	1	b	29.92	-0.3	45	44	+3	SSW	1	f	1	57	?	0.12	
Cape Gris Nez ...	29.93	47	SW	3	o	29.96	+0.7	48	48	-3	SSW	4	o	1	61	45	-	
†Jersey ...	29.98	52	WSW	5	b	29.96	+0.9	50	50	0	S	3	om	3	55	47	-	
Brest ...	29.97	52	W	3	m	29.88	+0.2	51	51	0	SSW	4	o	4	52	50	-	
Lorient ...	29.99	53	W	4	c	29.91	+0.5	52	51	+1	SW	4	m	5	55	48	-	
†Rochefort ...	30.06	56	NW	7	b	30.01	+0.8	51	50	-4	SSW	5	b	2	63	45	-	
Biarritz ...	30.13	59	WSW	5	c	29.99	-0.7	46	42	-11	SSE	3	b	4	63	41	-	
Corunna ...	*	*	*	*	*			*	*				*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.99	+0.9	49	47	-3	WSW	3	o	*	63	48	-	
Charleville ...	29.90	57	SE	1	b	29.99	+0.8	49	48	-1	NW	4	o	*	68	48	-	
Paris ...	29.96	54	S	1	o	30.03	+1.3	51	49	-1	L	0	b	*	*	*	0.04	
Lyons ...	29.94	52	W	1	o	29.98	+0.8	50	48	+2	WSW	3	o	*	61	?	0.08	
Tenlon ...	29.95	50	WSW	5	o	29.94	-0.3	57	56	+7	L	0	b	?	?	?	0.08	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.33	45	ESE	3	om	28.52	-1.10	47	46	+11	SSE	1	o	*	48	35	0.12	

HIGH LEVEL STATION.

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

Hawes Junction	28.33	45	ESE	3	o	28.52	-1.0	47	46	+1	SSE	1	o	48	35	0.12
----------------	-------	----	-----	---	---	-------	------	----	----	----	-----	---	---	----	----	------

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.21	48	39	SSE	2	b	3	Valentia ...	29.65	56	53	SW	4	bcm	4
Sumburgh Head								Scilly ...	29.83	56	54	WSW	7	c	6
Stornoway ...								Dover ...	29.86	56	52	SW	3	b	1
Aberdeen ...	29.97	42	40	S	3	o	3	London ...	29.84	58	54	S	3	c	*
Shields ...	29.85	42	41	SE	1	o	3	Yarmouth ...	29.87	44	41	ESE	2	bcm	2
Ardrossan ...	29.77	50	49	ESE	4	o	2	Jersey ...	29.96	54	51	W	4	b	3
Mullaghmore ...	29.61	50	48	ESE	5	omg	4	Rochefort ...	30.02	58	54	NW	9	b	4
Holyhead ...	29.67	57	53	SSE	5	c	3								

The mercury is rising on our SW. coasts with strong W winds and fair weather, but elsewhere it is falling with SE to S winds, light in the S, but strong to a gale in the N. Temperature is unchanged in the E, but has risen several degrees in the W and S.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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

F O R

WEDNESDAY, 13TH APRIL

1881.

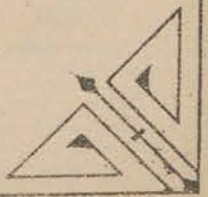
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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 13. April.

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.

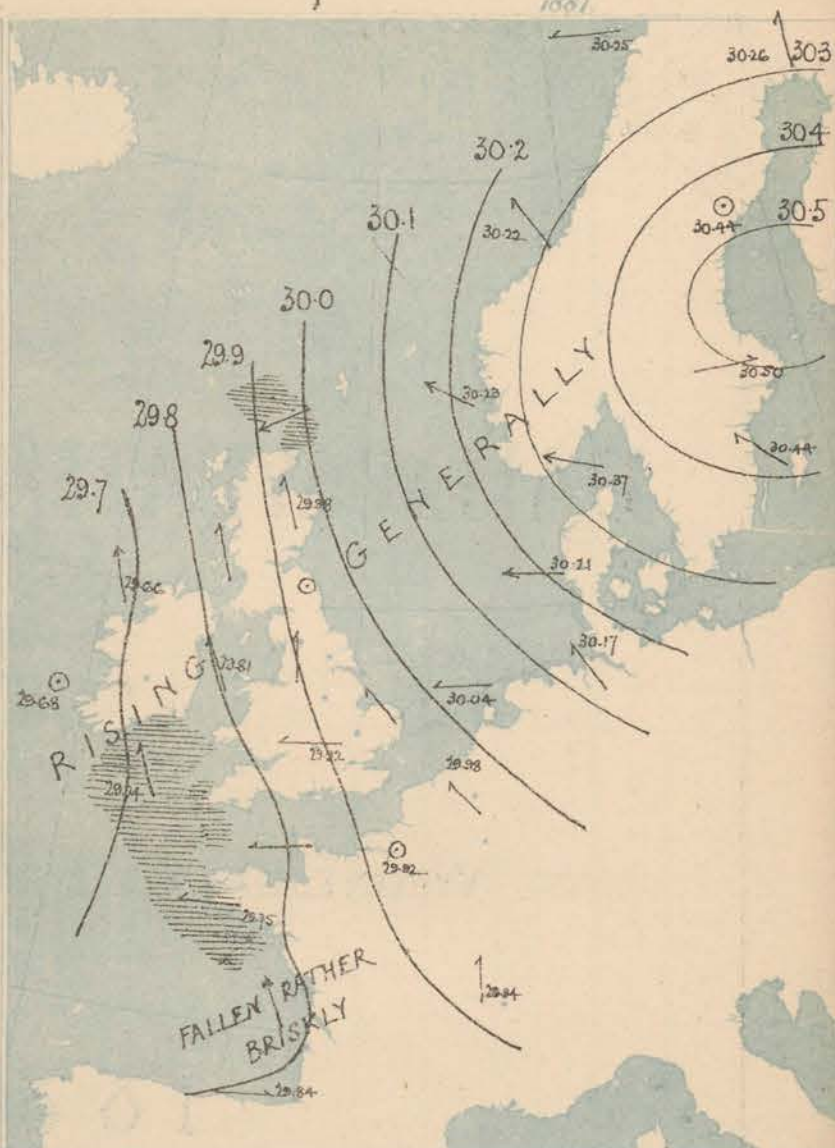
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings In.
Nairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.923
Roshe's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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.

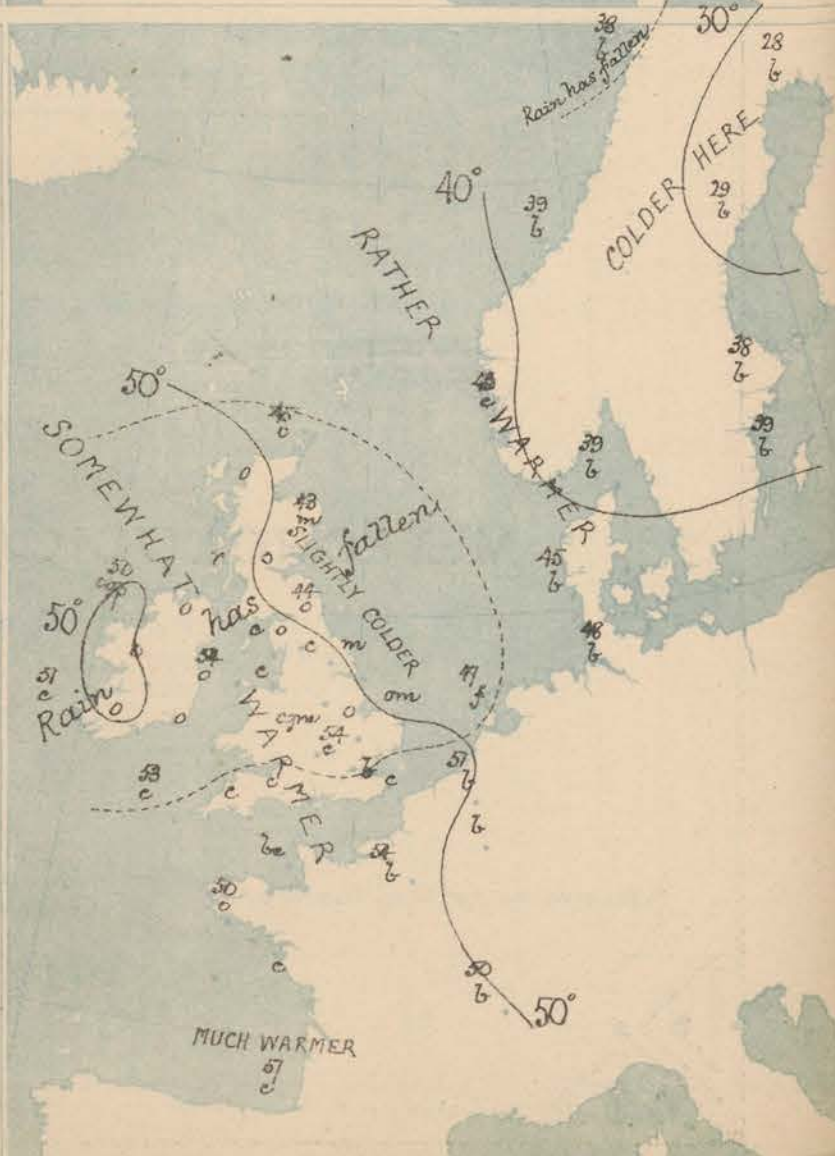
Explanation of Map

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 April

Stations	Temp.	Rain-fall in.
Sandburgh Head	42.7	1.85
Sarnoway	43.9	1.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	1.87
Holyhead	48.2	1.87
Parsonstown	48.6	1.95
Valentia	49.6	3.64
Sally (St Mary's)	51.8	2.01
Hurst Castle	49.5	1.89
Devon	48.8	1.89
LONDON	49.2	1.48
Yarmouth	47.5	1.73

* 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

WEDNESDAY 13TH APRIL 1881 at 8 a.m.

During the past night a rather brisk fall of the barometer has occurred over the W. and N. of France, and a small depression is shown lying between Rochefort and Biarritz. In all other places the mercury is rising, and the large anticyclone lying over Scandinavia seems to be spreading somewhat to the N^W. E^{ly} winds again prevail all over North Germany, the N. of France, and SE. of England, but S^{ly} breezes continue in the W. and N. At Biarritz and Rochefort N^{ly} and S^{ly} winds respectively are reported. Fine bright weather prevails all over the countries to the End of the North Sea, and over the E. of France, but in all other places the sky is cloudy or overcast, with rain in the NW. and mist in the NE. and E. During the past 24 hours slight rain has fallen in nearly all places. Temperature has risen a little except on our E. coasts, and readings range from 54° in London and 52° at Skirn to 43° at Aberdeen. The maxima yesterday were between 50° and 60° except in the NE. of Scotland. The sea is rough in the SW. and at Wick.

NOTE. The Report for Friday the 15TH Inst, will be issued on Monday the 18TH.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
14TH APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, moderate; cloudy, mild, misty.
2 SCOTLAND EAST	D° D° D°
3 ENGLAND NE	SE ^{ly} breezes, light; cloudy but fair.
4 ENGLAND EAST	SE ^{ly} and E ^{ly} breezes, light; cloudy, mild.
5 MIDLAND COUNTIES	Same as N ^o 2
6 ENGLAND SOUTH	SE ^{ly} and E ^{ly} breezes, light; cloudy and close but fair.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^{ly} winds, moderate; dull, mild, slight rain.
7 ENGLAND N.W.	D° D° D°
8 ENGLAND S.W.	S ^{ly} and SE ^{ly} breezes, moderate; cloudy, slight rain at times.
9 IRELAND NORTH	S ^{ly} winds, moderate; dull, slight rain at times.
10 IRELAND SOUTH	D° D° D°
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

13th APRIL

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.		
			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	30.31	32	SW	2	b	30.26	+10	28	26	-7	S	2	b	*	46	28	-		
Hernösand	30.39	33	Z	0	b	30.44	+12	29	26	-11	Z	0	b	*	55	25	-		
Stockholm	30.39	33	SSW	2	b	30.50	+16	38	35	+2	W	2	b	*	50	27	-		
Wisby	30.34	32	Z	0	b	30.44	+14	39	34	+2	SSSE	2	b	*	43	18	-		
Bodö	30.24	34	Z	0	c	30.25	+07	38	36	-1	E	2	b	0	39	30	0.04		
Christiansund	30.21	35	W	1	b	30.22	-03	39	33	+2	SE	1	b	1	39	21	-		
†Skudesnaes	30.14	41	ESE	6	b	30.23	+10	43	39	+2	ESE	6	c	4	46	41	-		
Oxö (Kriensund)	30.26	39	NE	6	b	30.34	+12	37	35	+1	NE	6	b	4	39	36	-		
Skagen (The Skaw)	30.31	39	ESE	3	b	30.37	+11	39	37	+2	ESE	5	b	4	45	37	-		
Fanö	30.15	41	SE	4	b	30.21	+14	45	42	+4	E	6	b	*	60	37	-		
Cuxhaven	30.07	55	SE	3	b	30.17	+14	48	46	+2	SE	3	b	*	?	39	-		
†Sumburgh Head																			
†Stornoway																			
Wick	29.99	42	S	4	0	29.93	+11	45	44	+3	ENE	5	0	6	45	37	0.05		
Nairn	?	51	Z	0	1	29.84	+13	52	49	+7	Z	0	0	1	56	44	0.10		
†Aberdeen	29.83	41	SSE	2	m	29.98	+17	43	43	+1	SSE	1	m	3	45	40	0.06		
Leith	29.77	48	E	1	0	29.90	+16	45	44	-1	ENE	1	0	*	54	44	0.09		
†Shields	29.82	55	WSW	1	0	29.94	+17	44	44	-4	Z	0	0	2	55	42	-		
Spurn Head	29.87	45	SSE	3	0	29.96	+13	44	44	-2	SE	3	m	3	54	42	0.01		
York	29.84	55	SSE	1	0	29.95	+15	51	49	+2	S	1	c	*	60	47	0.04		
Nottingham																			
†Ardrossan	29.73	50	S	2	0	29.85	+16	52	51	+6	SSE	1	2	1	52	45	0.25		
†Mullaghmore	29.52	55	S	5	og	29.66	+14	50	49	-2	SSE	5	ogp	4	57	49	0.06		
Donaghadee	29.69	51	SSE	5	0	29.81	+15	46	45	+2	SSE	3	0	1	51	44	0.21		
Parsonstown	29.54	52	SSE	2	1	29.71	+12	50	44	-3	SSE	2	0	*	56	49	0.02		
Barrow-in-Furness	29.78	55	SE	3	c	29.87	+13	53	?	+7	E	4	c	4	56	45	?		
†Holyhead	29.75	54	SSW	3	c	29.81	+10	54	52	+6	SE	3	0	2	55	47	0.03		
Liverpool (Bidston)	29.80	56	SSE	1	0	29.87	+11	51	48	+3	ESE	3	c	1	59	48	0.08		
†Valentia	29.49	51	SE	6	m	29.68	+20	51	50	0	Z	0	c	1	53	45	0.10		
Roche's Point	29.61	49	S	5	0	29.68	+07	48	47	-1	S	3	0	4	53	45	0.16		
Pembroke	29.72	49	SSE	5	c	29.76	+03	47	46	0	ESE	2	0	2	51	46	0.03		
†Scilly	29.70	52	SSE	7	c	29.74	-01	53	53	+1	SSE	4	c	5	55	49	0.17		
Prawle Point	29.83	48	SE	3	c	29.75	-11	50	49	+2	SE	2	c	4	53	46	-		
Hurst Castle	29.89	52	SW	3	c	29.87	-02	47	46	-2	ESE	3	c	3	54	45	-		
†Dover	29.94	49	Z	0	b	29.95	-00	49	47	+2	E	1	b	1	51	47	0.03		
†London	29.93	56	S	3	b	29.92	+02	54	49	+4	E	1	c	*	60	42	0.08		
Oxford	29.91	53	SSW	2	0	29.90	+04	52	49	+2	SE	1	ogm	*	59	45	0.06		
Cambridge	29.90	55	S	1	0	29.93	+06	52	50	+3	S	1	0	*	59	45	0.14		
†Yarmouth	29.92	44	S	2	0	29.93	+10	44	44	-3	SE	3	um	2	51	43	0.24		
The Helder	30.01	46	SW	1	1	30.04	+12	47	47	+2	ESE	1	1	1	52	45	0.08		
Cape Gris Nez	29.97	52	Z	0	0	29.97	+01	52	46	+4	SSE	1	c	0	55	46	-		
†Jersey	29.90	54	SSE	3	ogm	29.84	-12	55	51	+5	E	2	b	2	58	48	-		
Brest	29.88	53	S	5	0	29.78	-10	51	50	0	S	1	0	5	54	48	-		
Lorient	29.82	53	SSE	5	b	29.75	-16	50	49	-2	ESE	3	0	5	57	48	-		
†Rochefort	29.83	63	SSE	4	b	29.80	-21	55	51	+4	SSE	5	0	2	68	45	-		
Biarritz	29.82	70	S	3	c	29.84	-15	57	53	+11	W	4	0	4	77	43	-		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.98	-01	51	49	+2	SE	1	b	*	59	45	-		
Charleville	29.99	58	E	4	b	29.93	-01	46	43	-3	ESE	4	b	*	65	43	-		
Paris	29.97	60	Z	0	c	29.92	-11	54	52	+3	ENE	1	b	*	*	*	-		
Lyons	29.92	58	?	1	b	29.94	-04	50	46	0	S	1	b	*	62	44	-		
Toulon	29.97	57	W	4	b	30.02	+08	53	52	-4	Z	0	b	2	63	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.87	53	S	1	0	28.87	+15	46	46	-1	E	2	0	*	53	43	0.04		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.13	46	39	ESE	6	b	4	Valentia ...	29.48	51	51	SSE	7	om	6
Sumburgh Head								Scilly ...	29.73	55	53	SSE	7	c	6
Stornoway ...								Dover ..	29.96	50	48	SW	2	cp	1
Aberdeen ...	29.81	42	41	SSE	4	om	5	London ...	29.91	58	54	SSW	3	o	*
Shields ...	29.79	50	48	SSE	2	2	2	Yarmouth ...	29.91	48	48	S	2	o	2
Ardrossan ...	29.69	47	47	S	1	2	0	Jersey ...	29.93	54	52	SE	2	e	2
Mullaghmore ...	29.51	57	53	S	6	ogm	5	Rochefort ...	29.95	67	59	SSE	4	b	2
Holyhead ...	29.75	55	52	SSW	4	o	3								

Pressure is scarcely changing, but the S⁴ wind on our extreme SW. and NE. coasts has increased so much since the morning, while the weather remains dull, mild, and unsettled generally.

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).
 + Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

THURSDAY, 14TH APRIL,

1881.

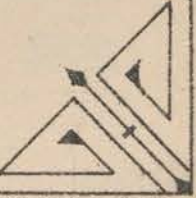
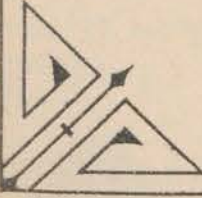
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ROBERT H. SCOTT

(SECRETARY.)

Fred^x Dangerfield Lith 22 Balford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 14th April. 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.

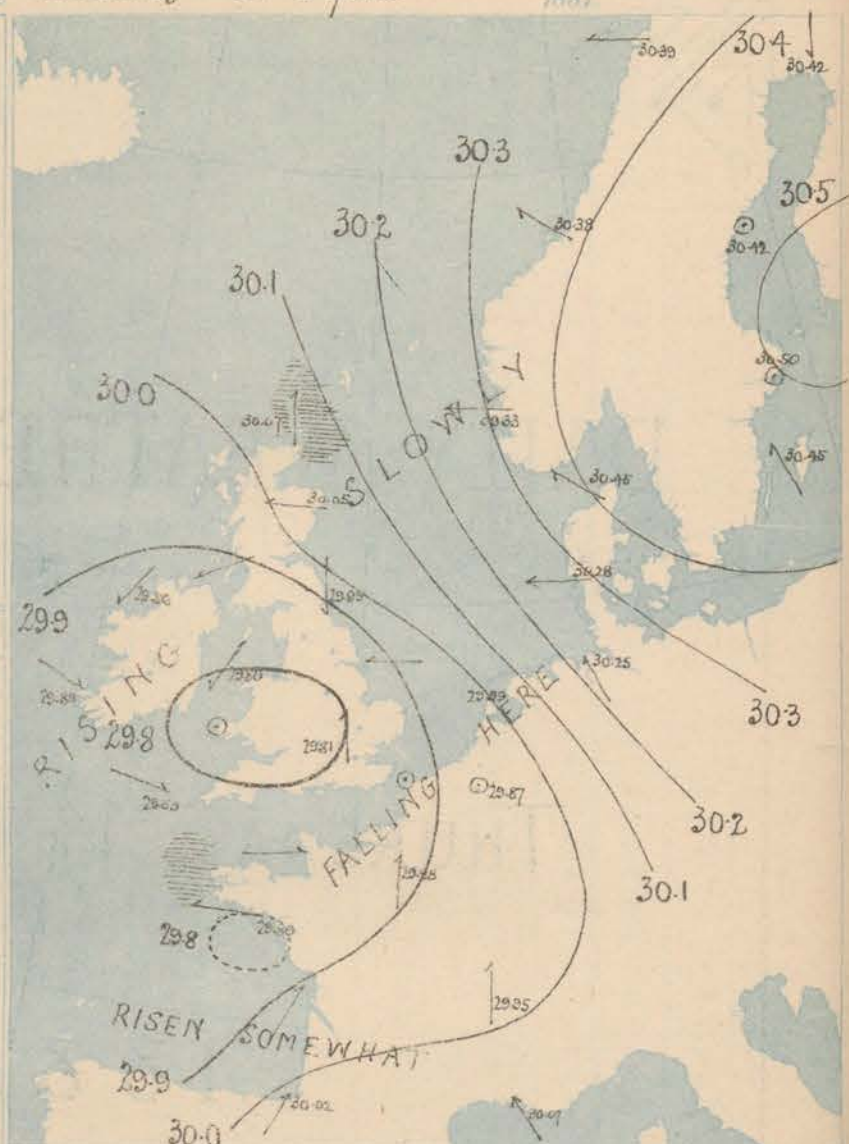
☉ a dead calm.

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

MEAN HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings
	In.
Nairn	29 886
Aberdeen	29 861
Leith	29 894
Scarborough	29 922
Ardrossan	29 903
Greenicastle	29 894
Holyhead	29 921
Valencia	29 929
Roche's Pt.	29 858
Plymouth	29 978
LONDON	29 966
Varmouth	29 949

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.

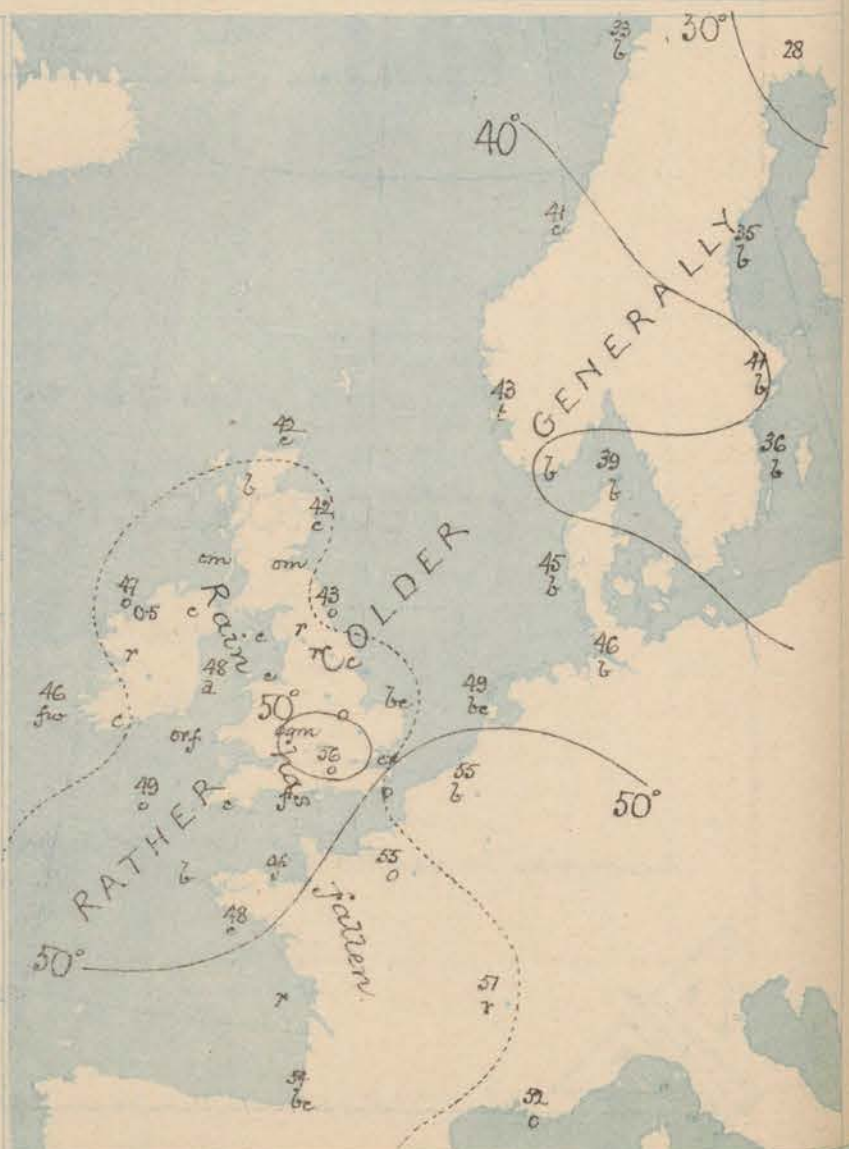
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* of TEMPERATURE AND RAINFALL for the month of April

Stations	Temp	Rain-fall
	°	in.
Sunderburgh Head	42.7	1.85
Swansea	41.9	1.57
Aberdeen	45.3	2.14
St. Helens	46.4	1.72
York	47.0	1.70
Mallaighmore	47.5	1.67
Belyhead	48.2	1.67
Parsonstown	48.6	1.65
Valencia	49.1	1.64
Sally (St. Mary's)	51.8	1.67
Thurst Castle	49.5	1.67
Dover	48.8	1.67
LONDON	49.2	1.68
Varmouth	47.5	1.67

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



REMARKS

for Thursday 14th April 1881 at 8 a.m.

During the past twenty four hours a rather large but very shallow area of low pressure has advanced over Central England, and the mercury is falling at our SE stations, as well as over the Netherlands and North Germany. In all other places, however, the mercury is rising, and while the large anticyclone over Scandinavia still holds, a second area of high pressure is forming in the south of France. The weather is fine over Sweden, Denmark and North Germany, but is cloudy and unsettled elsewhere; rain is falling in many parts of the country, fog is reported from our SW stations, and a thunderstorm is in progress at Skudenes. Showers of rain have fallen in many parts of the Kingdom. The wind is SW^{ly} and S^{ly} over France, E^{ly} over the North Sea, and the greater part of these Islands, but W^{ly} on our SW coast. It is generally moderate in force. Temperature has fallen a little and ranges from 56° in London to 41° at Leith. During yesterday the thermometer rose to 69° in London and 65° at York and Cambridge. Sea is moderate to smooth except at Wick.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

15th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, light or moderate; cloudy, some rain.
2 SCOTLAND EAST	E ^{ly} winds, light; dull, misty rain.
3 ENGLAND NE	— D° — D° — D° —
4 ENGLAND EAST	S ^{ly} to E ^{ly} winds, light; dull, gloomy, slight rain.
5 MIDLAND COUNTIES	E ^{ly} to N ^{ly} winds, light; dull, gloomy, misty.
6 ENGLAND SOUTH	S ^{ly} to W ^{ly} winds, light; dull, slight rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N ^{os} 1 and 2
7 ENGLAND N.W.	N ^{ly} and NW ^{ly} breezes, light; misty, slight rain.
8 ENGLAND S.W.	W ^{ly} winds, moderate or light; cloudy, misty rain.
9 IRELAND NORTH	NE ^{ly} and N ^{ly} winds, light or moderate; dull, rain.
10 IRELAND SOUTH	NW ^{ly} and W ^{ly} winds, light; cloudy, unsettled.

WARNINGS

None Issued.

METEOROLOGICAL OBSERVATIONS FOR

14th APRIL

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.		
			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	30.34	26	Z	0	b	30.42	+1.6	28	24	0	Z	2	b	*	37	?	-		
Hernösand	30.42	35	Z	0	b	30.41	+0.3	35	31	+6	Z	0	b	*	55	16	-		
Stockholm	30.50	35	SSW	2	b	30.50	0.0	41	36	+3	Z	0	b	*	48	28	-		
Wisby	30.44	35	SE	2	b	30.45	+0.1	36	30	-3	SSSE	2	b	*	50	21	-		
Bodö	30.32	36	E	2	b	30.39	+1.4	33	?	-5	E	2	b	1	43	30	-		
Christiansund	30.34	39	Z	0	c	30.38	+1.6	41	36	+2	ESE	1	c	1	45	28	-		
†Skudesnaes	30.32	46	ESE	4	b	30.33	+1.0	43	38	0	E	6	b	4	48	?	-		
Oxö (Xiänsund)	30.37	40	NE	4	b	30.43	+0.9	39	36	+2	NE	4	b	2	41	37	-		
Skagen (The Skaw)	30.44	41	ESE	2	b	30.45	+0.8	39	36	0	ESE	3	b	3	50	37	-		
Fanö	30.26	42	E	6	e	30.28	+0.7	45	41	0	E	6	b	*	55	39	-		
Cuxhaven	30.20	57	SE	4	b	30.25	+0.8	46	43	-2	SE	4	b	*	?	39	-		
†Sumburgh Head																			
†Stornoway																			
Wick	30.02	42	S	5	Of	30.07	+1.4	42	41	-3	S	4	c	5	45	36	-		
Nairn	29.94	53	Z	0	0	29.94	+1.2	45	41	-7	SE	1	b	1	60	44	0.03		
†Aberdeen	30.03	42	SE	2	m	30.05	+0.7	42	41	-1	E	2	c	3	44	38	0.03		
Leith	29.92	45	NE	1	0	30.00	+1.0	41	40	-4	ENE	1	cm	*	50	40	0.15		
†Shields	29.96	45	ESE	5	0	29.95	+0.1	43	42	-1	N	2	0	3	50	39	-		
Spurn Head	29.96	44	ESE	4	0	29.88	-0.8	44	44	0	E	4	cp	4	47	40	0.05		
York	29.94	53	SE	1	0	29.90	-0.5	48	46	-3	E	1	02	*	66	42	0.02		
Nottingham																			
†Ardrossan	29.86	56	Z	0	b	29.92	+0.7	44	43	-8	ENE	4	cm	2	56	42	0.24		
†Mullaghmore	29.79	49	Z	0	0	29.86	+0.20	47	46	-3	NE	2	0	3	55	44	0.54		
Donaghadee	29.87	52	SSW	2	e	29.87	+0.6	47	46	+1	NE	4	0	1	53	45	0.02		
Parsonstown	29.80	55	SSE	1	0	29.86	+1.5	46	46	-4	W	1	0	*	61	46	0.07		
Barrow-in-Furness	29.36	57	ESE	4	0	29.83	-0.4	52	48	-1	ENE	4	c	4	60	46	0.02		
†Holyhead	29.84	52	WNW	2	p	29.80	-0.1	48	47	-6	NE	1	d	0	61	47	0.25		
Liverpool (Bidston)	29.85	58	ESE	4	e	29.81	-0.6	50	47	-1	E	2	0	1	64	47	-		
†Valentia	29.79	55	NNW	1	b	29.89	+1.2	46	46	-5	NW	1	fw	1	57	46	-		
Roche's Point	29.80	49	SSE	4	0	29.85	+1.7	48	46	0	W	3	0	4	54	47	-		
Pembroke	29.78	49	E	1	0	29.77	+0.1	46	45	-1	Z	0	0fr	1	51	46	0.43		
†Scilly	29.79	53	SSW	3	e	29.83	+0.9	49	48	-4	WNW	3	0	4	50	46	-		
Prawle Point	29.90	49	MNE	2	0	29.82	+0.7	47	47	-3	W	2	0	3	54	45	0.05		
Hurst Castle	29.80	55	SE	3	b	29.80	-0.7	46	46	-1	WSW	2	f	2	61	45	0.06		
†Dover	29.85	54	ENE	4	b	29.83	-1.2	49	48	0	Z	0	02	0	55	48	0.01		
†London	29.88	54	ESE	2	b	29.81	-1.1	50	52	+2	S	2	0	*	69	46	0.13		
Oxford	29.86	54	E	4	c	29.79	-1.1	51	50	-1	NE	1	0gm	*	63	47	-		
Cambridge	29.90	56	ESE	1	c	29.80	-1.3	50	49	-2	ESE	1	0	*	65	44	0.10		
†Yarmouth	29.94	44	E	2	Of	29.87	-1.1	45	44	+1	E	4	b	3	47	43	0.01		
The Helder	30.00	49	E	1	c	29.99	-0.5	49	44	+2	ESE	2	b	2	62	46	-		
Cape Gris Nez	29.84	49	E	5	c	29.84	-1.3	54	51	+2	S	1	0	0	57	48	-		
†Jersey	29.83	51	WNW	2	m	29.90	+0.6	48	48	-7	N	3	0f	3	64	41	0.24		
Brest	29.84	55	SW	1	0	29.89	+1.1	48	47	-3	Z	0	b	5	55	46	0.04		
Lorient	29.80	53	WNW	3	c	29.80	+0.5	48	47	-2	E	3	c	4	57	43	0.08		
†Rochefort	29.86	55	WSW	5	0	29.92	+1.2	55	52	0	SW	4	0	2	66	48	0.12		
Biarritz	29.89	56	S	3	e	30.02	+1.8	54	50	-3	SW	5	b	4	68	48	0.39		
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.84	-1.1	49	49	+4	E	1	b	*	67	48	-		
Charleville																			
Paris	29.81	45	E	1	b	29.88	-0.4	65	63	+1	S	1	0	*	*	*	0.71		
Lyons	29.86	60	S	4	b	29.95	+0.1	51	48	+1	S	4	N	*	66	50	0.07		
Toulon	30.04	55	S	3	b	30.07	+0.5	52	50	-1	SE	5	0	3	61	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.68	50	ENE	2	0	28.65	-0.2	43	43	-3	E	3	0	*	56	41	0.01		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.28	48	42	ESSE	4	b	Valentia	29.76	55	52	N	3	c
Sumburgh Head							Scilly	29.78	54	54	S	4	c
Stornoway							Dover	29.89	53	50	E	4	b
Aberdeen	30.01	43	43	SSE	1	d	London	29.89	61	53	ESSE	3	c
Shields	29.95	45	45	ESE	2	c	Yarmouth	29.96	47	46	E	2	b
Ardrossan	29.86	53	52	SSW	3	c	Jersey	29.80	61	55	NW	1	c
Mullaghmore	29.74	53	49	W	3	o	Rochefort	29.83	60	56	WNW	7	o
Holyhead	29.81	61	56	SSE	2	c							

The barometer is falling in the SE, where, however, the wind is E and the weather fair, while it is rising in all other places, where the sky is cloudy and the wind generally S.

EXPLANATION OF COLUMNS.

* WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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

F O R

FRIDAY, 15TH APRIL.

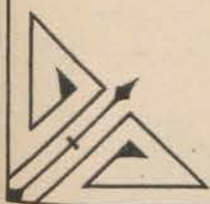
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on FRIDAY, 15TH APRIL 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 April

Stations	Mean Readings
	Inch.
Nairn	29.856
Aberdeen	29.867
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

*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 April

Stations	Temp	Rain-fall
	°	inches.
Sunderburgh Head	42.7	1.40
Stornoway	42.9	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	—
Holyhead	48.2	1.87
Parsonstown	48.6	1.00
Valentia	49.5	2.64
Sally (St Mary's)	51.8	2.01
Thurst Castle	49.5	—
Dover	48.8	1.80
LONDON	49.2	1.48
Yarmouth	47.5	1.73

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



REMARKS

for Friday 15th April 1881 at 8 a.m.

The large area of high pressure which has existed for the past few days over Scandinavia is still found in that region, where also the winds are extremely light and the weather brilliantly fine. Over our Islands, however, pressure is irregularly distributed, the shallow depression which lay over England yesterday having apparently split up into two or three distinct areas of low pressure. One of these appears to be lying over the North Sea, a second over Central England, and a third near Wexford, and as each system has its distinct circulation of wind, very variable breezes are reported generally. The weather is cloudy or overcast in all parts of the country, with fog at some stations and drizzling rain in a few isolated places. In the course of the past 24 hours rain has fallen at all but our extreme N and S stations. The amounts at Mullaghmore and Liverpool exceeding half an inch. Temperature is a little lower in most places than it was yesterday, and readings over our Islands now range from 53° at Scilly and 50° in London to 42° at Kinnaird and Leith. The maxima at Kinnaird and in London yesterday were 61°. Sea is slight generally.

In Spain and the Extreme SW. of France a decided fall of the barometer is in progress, as though some new disturbance were about to advance toward us from that direction.

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 15TH APRIL 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 ...	30.37	27	SW	2	b	30.29	- .13	29	26	+ .1	S	2	c	*	45	23	—		
Hernösand ...	30.45	28	Z	0	b	30.43	+ .02	34	31	- .1	Z	0	b	*	48	19	—		
Stockholm ...	30.45	37	W	2	b	30.38	- .12	41	35	0	NNW	2	b	*	52	28	—		
Wisby ...	30.40	34	ENE	2	b	30.37	- .08	33	31	- .3	ENE	2	b	*	45	21	—		
Bodö ...	30.36	37	SE	2	r	30.32	- .07	38	37	+ .5	SE	2	c	1	?	?	0.12		
Christiansund...	30.39	38	ESE	1	bc	30.36	- .02	39	34	- .2	SE	1	b	1	46	23	—		
†Skudesnaes ...	30.34	43	E	2	bc	30.31	- .02	43	37	0	E	4	c	3	54	43	—		
Oxö (Xiansund) ...	30.29	40	NE	4	b	30.38	- .05	37	35	- .2	NNE	4	b	2	44	37	—		
Skagen (The Skaw)	30.41	42	ENE	2	b	30.39	- .06	39	36	0	ESE	3	b	2	54	36	—		
Fanö ...	30.26	40	E	6	b	30.23	- .05	45	41	0	E	6	b	*	55	37	—		
Cuxhaven ...	30.20	?	E	5	b	30.17	- .08	45	41	- .1	E	4	b	*	54	39	—		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	30.08	44	S	4	bc	30.06	- .01	43	41	+ .1	S	3	c	3	47	38	—		
Nairn ...	29.97	51	ESE	3	c	30.00	+ .01	42	39	- .3	Z	0	c	1	61	39	—		
†Aberdeen ...	30.07	42	ESE	3	r	30.03	- .02	43	41	+ .1	ESE	2	c	5	47	40	—		
Leith ...	29.95	42	ENE	2	o	29.96	- .04	42	41	+ .1	ENE	1	c	*	47	39	0.08		
†Shields ...	29.93	42	SE	2	c	29.93	- .02	43	42	0	E	1	c	3	46	38	0.03		
Spurn Head ...	29.87	44	ESE	4	bc	29.85	- .03	43	43	- .1	ENE	3	fp	4	47	41	0.06		
York ...	29.89	49	ESE	1	o	29.88	- .02	45	44	- .3	NNW	1	o	*	55	42	0.09		
Nottingham ...														*					
†Ardrossan ...	29.86	48	ENE	4	cm	29.91	- .01	43	42	- .1	ENE	3	o	2	52	40	0.08		
†Mullaghmore ...	29.89	47	NNW	4	r	29.85	- .01	48	47	+ .1	S	2	og	2	49	45	0.60		
Donaghadee ...	29.79	48	ESE	3	o	29.91	+ .04	44	44	- .3	SE	3	o	1	51	43	0.11		
Parsonstown ...	29.82	52	NN	1	c	29.90	+ .04	46	44	0	S	1	o	*	55	43	0.02		
Barrow-in-Furness	29.81	52	NE	3	r	29.87	+ .01	46	46	- .6	SSW	2	df	3	58	45	0.28		
†Holyhead ...	29.81	48	SW	2	c	29.90	+ .10	45	44	- .3	SW	1	f	0	52	43	0.06		
Liverpool (Bidston)	29.82	48	WNW	1	r	29.89	+ .08	48	47	- .2	Z	0	o	1	58	45	0.56		
†Valentia ...	29.80	49	WNW	4	c	29.88	- .01	47	46	+ .1	Z	0	c	1	56	37	0.01		
Roche's Point...	29.83	53	WSW	2	bc	29.89	+ .04	45	44	- .3	SE	1	f	3	57	40	—		
Pembroke ...	29.79	48	NNW	1	f	29.87	+ .10	46	45	0	SSE	1	o	1	50	43	—		
†Scilly ...	29.88	5	NNW	1	o	29.98	+ .15	53	51	+ .4	Z	0	o	4	53	46	0.03		
Prawle Point ...	29.86	47	WSW	3	bc	29.93	+ .11	48	47	+ .1	WNW	1	c	2	53	44	—		
Hurst Castle ...	29.87	48	W	2	bc	29.90	+ .10	49	47	+ .3	WSW	1	c	1	50	45	—		
†Dover ...	29.86	48	SW	2	bcfp	29.92	+ .09	49	47	0	SW	2	bc	1	52	44	0.05		
†London ...	29.85	55	SSE	2	or	29.92	+ .11	50	47	- .6	SW	1	c	*	61	45	—		
Oxford ...	29.85	54	SW	1	ogm	29.90	+ .11	45	45	- .6	WSW	1	ofw	*	58	45	0.02		
Cambridge ...	29.82	54	SE	1	o	29.84	+ .09	49	47	- .1	S	1	o	*	58	46	0.38		
†Yarmouth ...	29.87	46	X	0	bc	29.89	+ .02	44	43	- .1	SSE	3	df	3	47	43	0.07		
The Helder ...	29.92	53	E	3	c	29.99	+ .00	48	44	- .1	ESE	3	c	2	59	46	—		
Cape Gris Nez	29.89	46	SW	3	f	29.97	+ .13	45	?	- .9	SW	1	c	1	55	45	—		
†Jersey ...	29.94	48	SW	2	bc	29.98	+ .08	49	48	+ .1	WSW	1	brv	1	54	44	—		
Brest ...	29.95	53	NNW	3	b	29.93	+ .04	46	45	- .2	E	3	b	2	54	45	—		
Lorient ...	29.91	53	W	4	b	29.91	+ .11	47	47	- .1	E	3	bc	3	55	43	—		
†Rochefort ...	?	62	?	1	b	29.93	+ .01	50	48	- .4	ESE	4	r	2	63	43	—		
Biarritz ...	29.99	57	NNW	4	c	29.85	- .17	32	49	- .2	E	5	o	4	59	46	—		
Corunna ...	*	*	*	*	*	29.78	- .22	?	?	?	SE	1	ar	1	*	*	*		
Brussels ...	*	*	*	*	*	29.95	+ .08	50	49	- .5	W	3	o	*	66	50	0.63		
Charleville ...	29.90	54	NNW	4	r	29.97	+ .08	51	49	—	S	3	b	*	?	?	0.28		
Paris ...	29.91	57	NNW	1	o	30.00	+ .12	51	48	- .4	Z	0	bc	*	*	*	0.08		
Lyons ...	29.97	53	S	4	c	30.02	+ .07	48	46	- .3	SW	1	bc	*	57	45	0.20		
Toulon ...	30.08	51	E	5	o	30.09	+ .02	49	46	- .3	E	5	c	2	58	48	0.20		

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

Hawes Junction	28.63	47	ENE	2	op	28.64	-01	42	42	—	1	E	1	o	52	40	0.13		
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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 ...	30.36	53	44	ESE	4	b	4	Valentia ...	29.88	56	53	NW	3	c	4
Sumburgh Head								Scilly ...	29.87	51	50	WSW	2	op	4
Stornoway ...								Dover ..	29.87	48	47	SW	2	opf	1
Aberdeen ...	30.06	45	43	SE	2	c	3	London ...	29.88	59	55	SSE	1	o	*
Shields ...	29.96	43	42	SE	2	r	3	Yarmouth ...	29.88	47	45	ESE	3	bc	3
Ardrossan ...	29.85	52	51	ENE	4	o	2	Jersey ...	29.93	53	50	WSW	2	b	2
Mullaghmore ...	29.85	49	48	W	1	rm	2	Rochefort ...	29.97	60	?	WSW	7	c	?
Holyhead ...	29.80	50	49	SW	1	f	0								

There has been very little change since the morning. The depression noticed over Central England is still there, but is apparently slowly filling up, while the winds remain W¹ in the extreme S., and SE¹ to E¹ elsewhere. 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) n. 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

SATURDAY, 16TH APRIL.

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, 16TH APRIL. 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.

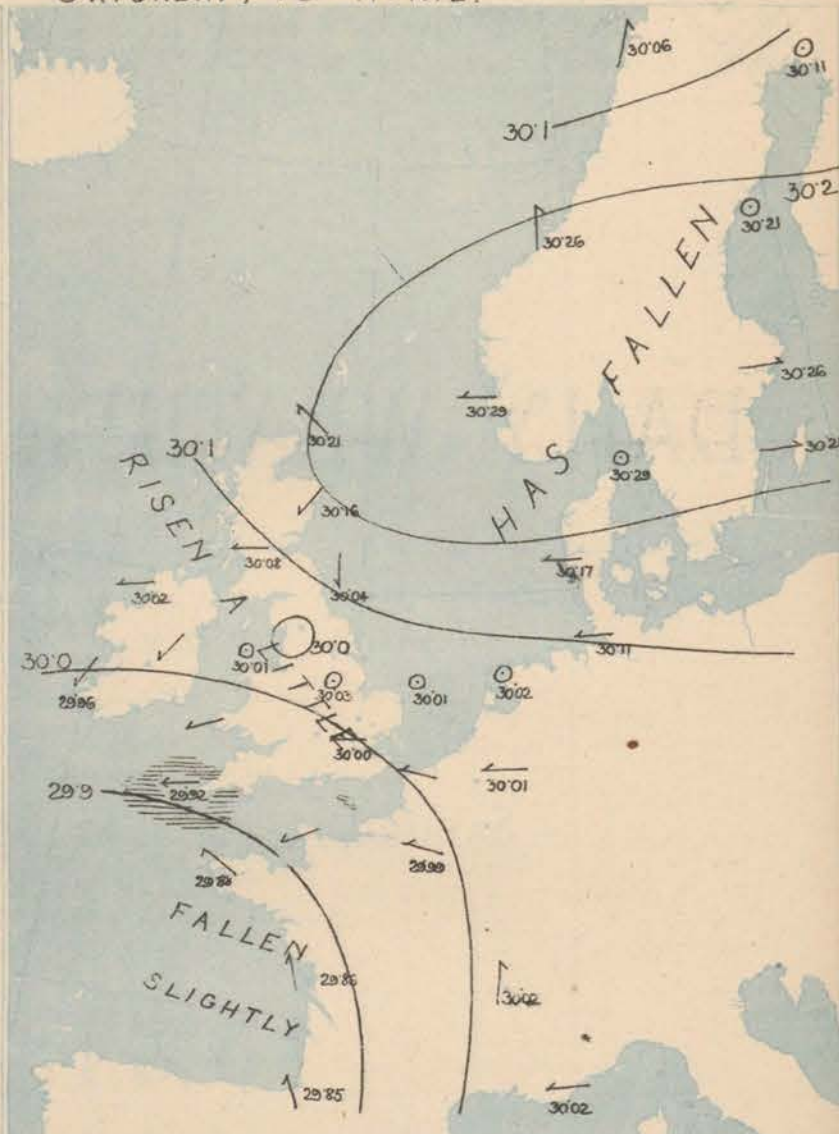
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings In.
Nairn	29.856
Aberdeen	29.861
Leith	29.899
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.927
Valencia	29.929
Roche's Pt.	29.954
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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.

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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of April

Stations.	Temp.	Rain-fall In.
Sunderbury Head	42.7	1.85
Sunderbury	43.9	2.87
Aberdeen	45.3	2.14
Stirling	46.4	1.72
York	47.0	1.70
Malborough	47.3	?
Holyhead	48.2	1.67
Parsonstown	48.6	1.85
Valencia	49.5	3.65
Sally (St Mary's)	51.8	2.01
Ilfracombe	49.5	?
Dover	48.8	1.89
LONDON	49.2	1.40
Yarmouth	49.5	1.73

* The mean Temperatures are those for the 15 years 1851-65; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 16th April 1881 at 8 a.m.

Conditions are very quiet over the whole of our area, and the changes in pressure have been everywhere slight. Over Scandinavia a slight decrease has occurred, while over these Islands the mercury has risen and over the west of France is nearly steady. The anticyclone is still shown over Norway, Sweden and the North Sea, and comparatively low readings over the Bay of Biscay, but gradients are very slight and the E^z breezes which prevail almost everywhere are light or moderate in force except at Scilly where they blow freshly. The weather though clear over the countries to the End of the North Sea, and at a few of our own stations, is generally rather cloudy with mist or fog in several places. ^(In London the fog was very thick at times this morning) Slight rain has fallen in the NW. and NE. Temperature is lower generally and ranges from 53° at Valentia to 37° at Skirw. The maxima yesterday were below 50° in the N. and E., between 50° and 60° in most other places, but 64° in London. Sea slight except at Scilly.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
17th APRIL.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Very light SE^z breezes; fair on the whole.

6 SCOTLAND WEST

Light E^z breezes; fair.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

7 ENGLAND N.W.

Same as N^{os} 2 to 4.

3 ENGLAND N.E.

Light variable breezes; cloudy and misty but fair.

8 ENGLAND S.W.

Moderate to fresh E^z winds; cloudy, some rain.

4 ENGLAND EAST

-----D°-----D°-----D°-----

9 IRELAND NORTH

NE^z and E^z winds, moderate generally; cloudy but fair.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

10 IRELAND SOUTH

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

Very light E^z breezes; cloudy with some mist or fog but fair.

WARNINGS

None Issued.

METEOROLOGICAL OBSERVATIONS FOR

16th APRIL

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.		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 ...	30.22	30	Z	0	b c	30.11	-18	25	22	-4	Z	0	6	*	36	25	-		
Hernösand ...	30.34	32	Z	0	b	30.21	-22	36	32	+2	Z	0	6	*	52	18	-		
Stockholm ...	30.33	37	Z	0	b	30.26	-12	41	35	0	W	2	6	*	54	32	-		
Wisby ...	30.28	22	Z	0	b	30.21	-16	36	32	+3	W	2	6	*	43	19	-		
Bodö ...	30.24	30	Z	0	b	30.26	-26	41	34	+3	SSW	4	6	2	46	32	-		
Christiansund ...	30.34	39	NE	1	b	30.26	-10	40	35	+1	S	2	6	2	46	25	-		
† Skudesnaes ...	30.32	46	E	2	b	30.29	-02	42	36	-1	E	4	6	3	54	?	-		
Oxö (Kiansund) ...	30.32	41	NE	2	b	30.30	-08	39	36	+2	N	2	6	2	41	34	-		
Skagen (The Skaw) ...	30.32	42	NE	2	b	30.29	-10	41	40	+2	Z	0	6	0	52	36	-		
Faro ...	30.10	43	E	4	b	30.14	-06	46	42	+1	E	4	6	*	57	34	-		
Cuxhaven ...	30.14	58	E	3	b	30.11	-06	48	45	+3	E	3	6	*	?	43	-		
† Sumburgh Head																			
† Stornoway																			
Wick ...	30.10	45	S	5	c	30.21	+15	44	43	+1	SE	2	6	3	47	38	-		
Nairn ...	30.01	55	Z	0	b	30.14	+14	37	35	-5	Z	0	cm	1	59	30	-		
† Aberdeen ...	30.12	43	ESE	2	b	30.16	+13	44	42	+1	NE	2	6w	3	49	31	-		
Leith ...	30.04	42	E	2	b c	30.11	+15	42	41	0	ESE	1	0	*	48	39	0.07		
† Shields ...	29.99	42	E	4	o	30.04	+11	41	41	-2	N	2	0	3	45	37	0.01		
Spurn Head ...	29.91	44	SE	3	f	30.01	+16	44	44	+1	WSW	1	m	1	47	42	0.05		
York ...	29.97	47	N	1	m	30.01	+13	42	41	-3	N	1	0	*	50	41	0.17		
Nottingham ...	29.93	52	NW	1	c	30.03	-	45	45	-	W	1	0	*	?	?	0.02		
† Ardrossan ...	29.96	51	ESE	3	b c	30.08	+14	42	41	-1	E	2	0	1	54	40	-		
† Mullaghmore ...	29.93	53	NNW	1	b c	30.02	+14	47	46	-1	E	4	m	3	53	46	-		
Donaghadee ...	29.96	45	SE	3	z	30.04	+13	45	44	+1	E	4	0	2	49	43	0.12		
Parsonstown ...	29.91	57	ESE	1	b c	30.02	+12	42	40	-4	NE	1	0	*	59	38	-		
Barrow-in-Furness ...	29.92	44	NW	3	z	29.99	+12	45	45	-1	NE	2	cm	2	58	44	0.41		
† Holyhead ...	29.95	45	W	1	f	30.01	+11	42	42	-3	W	1	f	0	50	41	-		
Liverpool (Bilston) ...	29.94	45	WNW	1	o	30.01	+12	44	44	-4	WNW	1	0	1	49	42	-		
† Valentia ...	29.90	50	E	1	c	29.96	+08	53	48	+6	NE	1	6	1	57	39	-		
Roche's Point ...	29.92	45	SSE	3	f	29.99	+10	43	42	-2	ESE	3	f	3	52	39	-		
Pembroke ...	29.91	48	W	1	b	29.94	+07	45	44	-1	ESE	2	cm	1	50	43	-		
† Scilly ...	29.92	31	ESE	4	o	29.92	-06	51	49	-2	E	5	0	5	55	47	-		
Prawle Point ...	29.96	46	SSE	1	f	29.95	+02	50	46	+2	ESE	3	b	2	54	40	-		
Hurst Castle ...	29.96	44	WSW	3	f	29.98	+08	43	43	-6	E	3	f	1	53	37	-		
† Dover ...	29.96	46	SW	2	b	30.00	+08	48	46	-1	ESE	2	6	1	53	44	-		
† London ...	29.93	57	Z	0	c	30.00	+08	46	44	-4	E	1	f c	*	64	39	-		
Oxford ...	29.94	52	WSW	1	b	30.00	+10	43	42	-2	NNW	1	f	*	60	40	-		
Cambridge ...	29.92	52	NE	1	z	30.01	+12	47	46	-2	SE	1	0	*	58	41	0.08		
† Yarmouth ...	29.95	45	SSE	2	b c	30.01	+12	45	44	+1	Z	0	6	2	45	41	-		
The Helder ...	30.00	46	ESE	1	c	30.02	+03	46	45	-2	SW	1	6	1	52	45	0.04		
Cape Gris Nez ...	29.99	50	SW	1	b	30.00	+03	48	47	+3	ESE	1	m	0	54	48	-		
† Jersey ...	29.97	51	NNE	2	b	29.96	-02	50	49	+1	ESE	2	cm	2	56	47	-		
Brest ...	29.89	55	E	4	o	29.88	-05	58	51	+7	SE	3	0	4	61	45	-		
Lorient ...	29.85	56	SSE	4	o	29.84	-07	52	51	+5	SSE	4	e	?	?	?	0.08		
† Rochefort ...	29.83	64	SSE	3	o	29.86	-04	55	55	+5	SSE	4	0	2	68	43	0.16		
Biarritz ...	29.85	59	NW	2	z	29.85	-00	60	55	+8	SSE	4	c	3	75	50	0.08		
Corunna ...	*	*	*	*	*			*	*					*	*	*			
Brussels ...	*	*	*	*	*	30.01	+06	49	47	-1	E	1	6	*	61	41	0.63		
Charleville ...														*					
Paris ...	29.97	59	S	1	b	29.99	-01	53	49	+2	ESE	1	0	*	*	*	-		
Lyons ...	29.94	57	S	5	c	30.02	-00	51	48	+3	S	1	0	*	64	50	-		
Toulon ...						30.02	-07	52	48	+3	E	5	c	3	59	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.67	42	NE	4	c	28.75	+11	42	41	0	E	2	0	*	47	39	0.04		

HIGH LEVEL STATION.

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

Hawes Junction	28.67	42	NE	4	c	28.75	+11	42	41	0	Z	2	47	39	0.04
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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 ...	30.31	53	43	E	4	b	3	Valentia ...				
Sumburgh Head								Scilly ...				
Stornoway ...								Dover ...				
Aberdeen ...								London ...				*
Shields ...								Yarmouth ...				
Ardrossan ...								Jersey ...				
Mullaghmore ...								Rochefort ...	29.89	64	53	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

SUNDAY, 17TH APRIL.

1881.

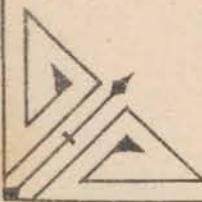
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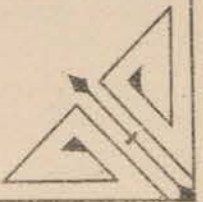
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ROBERT H. SCOTT

(SECRETARY.)



Fred^r Dangerfield, Lith. 22, Belford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Sunday 17th April.

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.

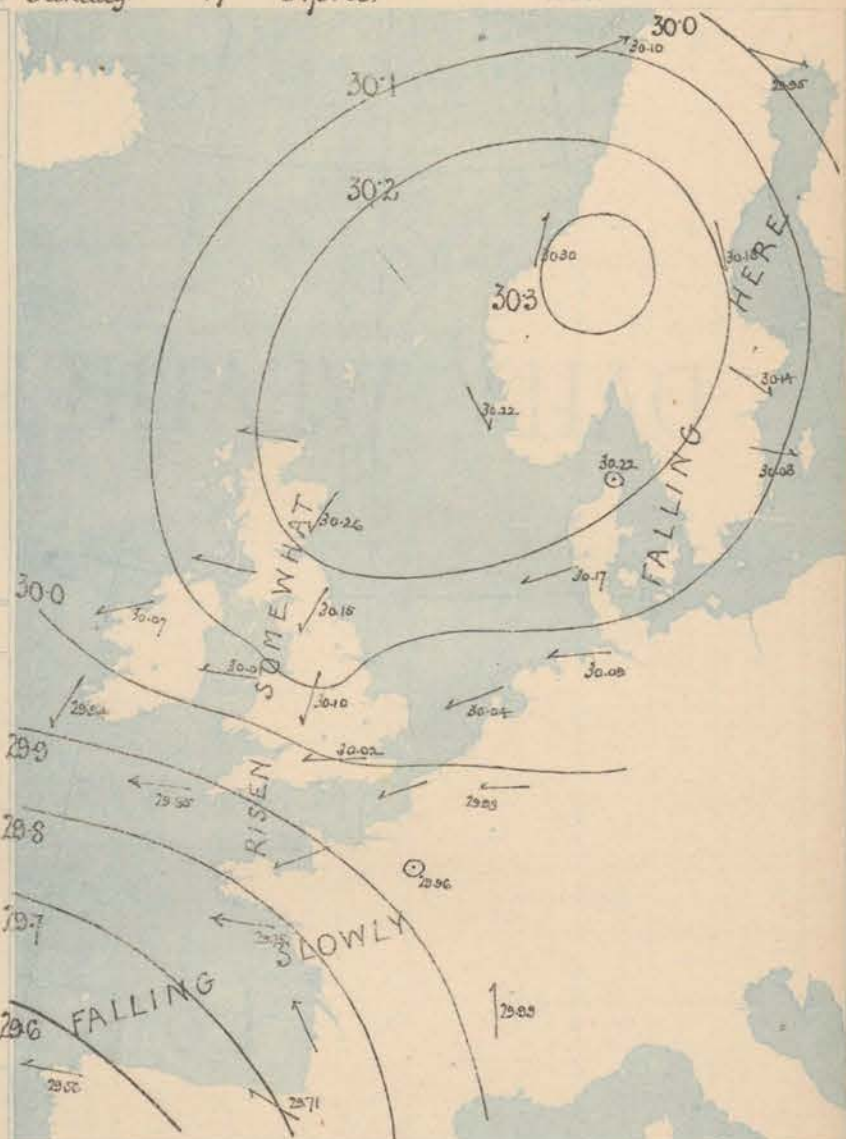
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * forces above 10; * forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations	Mean Readings Inch
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.971
Valencia	29.929
Rochester	29.958
Plymouth	29.978
LONDON	29.966
Farmouth	29.940

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.

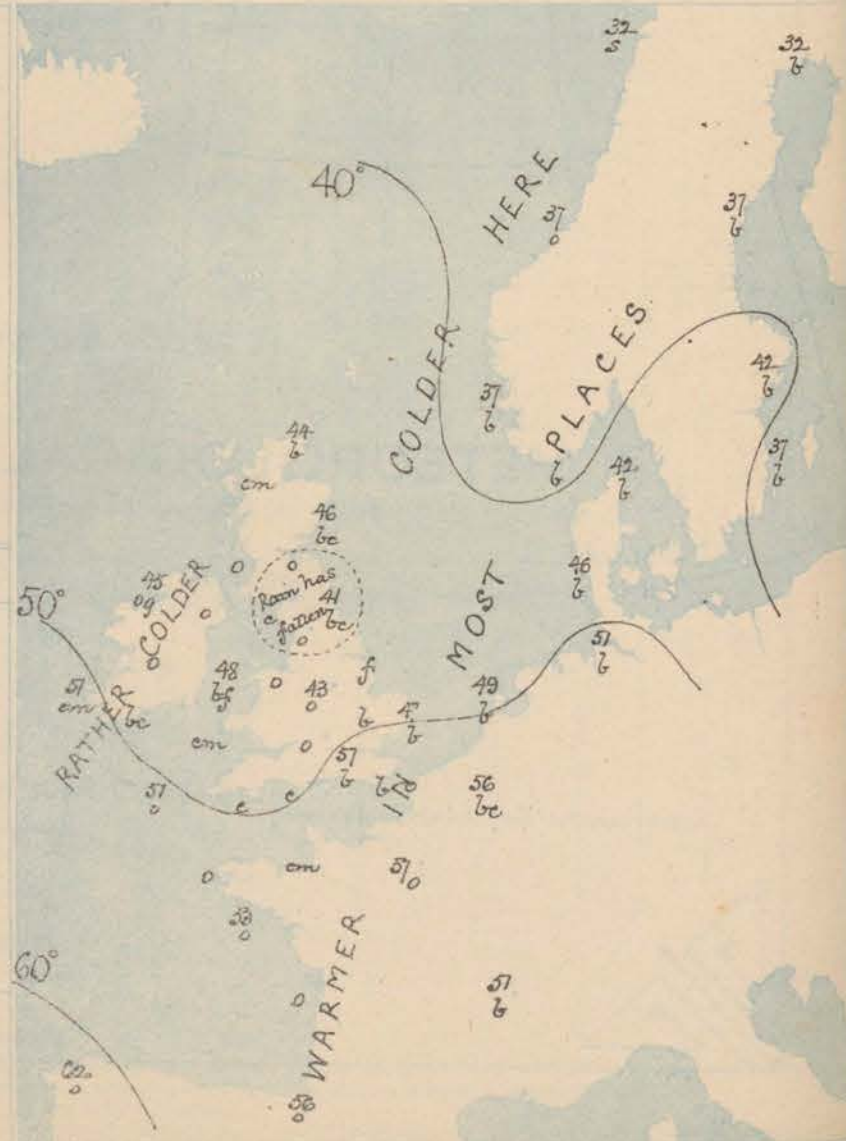
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 April

Stations	Temp.	Rain-fall Inch
Sandwich Head	42.1	1.85
Stornoway	45.9	1.87
Aberdeen	46.3	2.19
Shetlands	46.4	1.72
York	47.0	1.70
Millingham	47.5	1.70
Holyhead	47.2	1.67
Portsmouth	48.6	1.35
Valencia	49.8	2.69
Sally (St Mary's)	51.0	2.01
Ilfracombe	49.5	1.70
Exeter	48.8	1.69
LONDON	49.2	1.58
Farmouth	49.5	1.50

* The mean temperatures are those for the 12 years 1857-68; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for SUNDAY, 17TH APRIL, 1881, at 8 a.m.

There is not very much change to record in the weather since yesterday - A large area of high pressure still lies over Scandinavia and the northern part of the North Sea, while readings are relatively low over the Bay of Biscay. The barometer is falling a little over Sweden and Norway, and rather more briskly over Spain, where a depression of some importance has appeared, but on all our eastern and northern coasts the mercury has risen. The winds are N^W in Sweden, and NE^W over the North Sea and our more eastern districts, but in the south west they are E^W, and in the west of France SE^W. Owing to the appearance of the depression over Spain they have freshened considerably on our south west coasts, but elsewhere they remain light or moderate in force. Temperature has fallen a little over Ireland and central England but risen in most other places, and readings over our Islands now range from 57° in London to 40° at Hurry. The maxima yesterday were as high as 60° at Nottingham and in London, 61° at Oxford and 63° at Cambridge. The weather is overcast over the Bay of Biscay and our south west coasts, as well as at some of our north western stations, but in the east and north it is fine and bright. The only rain that has fallen in the past twenty four hours has been a few hundredths of an inch in the north of England. The sea is moderate to smooth generally.

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

17th APRIL 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 ...	29.83	37	SW	2	b	29.95	-1.6	32	27	+7	NW	4	b	*	42	21	-		
Hernösand ...	30.11	44	WSW	2	b	30.18	-0.3	37	36	+1	N	2	b	*	61	23	-		
Stockholm ...	30.15	45	NW	2	b	30.14	-1.2	42	34	+1	NNW	2	b	*	57	30	-		
Wisby ...	30.12	35	NW	2	b	30.08	-1.3	37	32	+1	NNW	4	b	*	48	21	-		
Bodö ...	30.02	32	W	6	o	30.10	+0.4	32	31	-9	W	6	s	4	43	30	-		
Christiansund...	30.25	41	WSW	2	o	30.30	+0.4	37	38	-5	SW	1	o	2	43	23	-		
†Skudesnaes ...	30.25	45	N	2	b	30.22	-0.7	37	33	-5	NNW	2	b	2	54	?	-		
Oxö (Kristiansund)...	30.23	41	N	1	b	30.22	-0.8	35	32	-4	NNW	2	b	1	41	30	-		
Skagen (The Skaw)	30.23	41	N	0	b	30.22	-0.7	42	38	+1	N	0	b	0	52	32	-		
Fanö ...	30.17	42	E	4	b	30.14	-0.0	46	41	-1	ESE	4	b	*	59	34	-		
Cuxhaven ...	30.09	53	E	2	b	30.09	-0.2	51	48	+3	E	2	b	*	?	39	-		
†Sumburgh Head ...																			
†Stornoway ...																			
Wick ...	30.22	47	E	2	b	30.31	+1.0	44	42	-2	E	2	b	2	53	36	-		
Nairn ...	30.18	42	E	4	b	30.28	+1.1	40	38	+3	E	1	mc	1	43	37	-		
†Aberdeen ...	30.19	44	NE	3	b	30.26	+1.0	46	42	+2	NE	3	b	3	49	37	-		
Leith ...	30.12	43	E	1	o	30.20	+0.9	42	41	-1	ESE	1	o	*	47	40	0.17		
†Shields ...	30.04	42	N	0	mc	30.15	+1.1	41	40	-1	NE	2	b	2	45	39	0.03		
Spurn Head ...	30.03	42	ESE	2	f	30.09	+0.8	41	41	-3	ESE	4	f	3	50	38	-		
York ...	30.02	42	N	1	o	30.12	+1.1	47	44	+3	N	2	b	*	52	40	0.04		
Nottingham ...	30.02	54	NNE	3	b	30.10	+0.7	43	42	-2	NNE	4	o	*	60	42	-		
†Ardrossan ...	30.07	51	E	1	b	30.15	+0.7	44	43	+2	E	3	o	2	56	41	-		
†Mullaghmore ...	30.03	51	E	3	b	30.07	+0.5	45	43	-2	ESE	4	og	3	53	43	-		
Donaghadee ...	29.99	49	NNW	2	c	30.10	+0.6	45	44	-1	N	3	o	1	52	43	-		
Parsonstown ...	30.02	50	NE	1	o	30.05	+0.3	41	40	-1	NE	2	o	*	35	36	-		
Barrow-in-Furness...	30.02	50	NNE	1	c	30.08	+0.9	48	46	+3	N	2	c	2	60	44	0.06		
†Holyhead ...	30.01	47	NNE	3	c	30.01	+0.9	43	47	+3	E	3	f	2	49	42	-		
Liverpool (Biston)...	29.99	51	NNE	1	o	30.07	+0.6	46	45	+2	E	2	o	1	52	44	-		
†Valentia ...	29.95	56	W	2	b	29.94	-0.2	51	48	+3	NNE	2	m	2	63	42	-		
Roche's Point...	30.01	45	SE	3	f	29.97	-0.2	49	46	+3	E	5	b	4	52	41	-		
Pembroke ...	29.93	59	NNE	3	b	29.93	-0.1	47	45	+2	ESE	3	cm	2	54	43	-		
†Scilly ...	29.92	51	ESE	5	c	29.85	-0.7	51	50	-1	E	6	o	4	54	48	-		
Prawle Point ...	29.93	50	NE	3	b	29.91	-0.4	49	47	-2	NE	5	c	3	56	45	-		
Hurst Castle ...	29.95	54	N	2	b	29.96	-0.2	47	46	-1	E	2	c	2	55	38	-		
†Dover ...	29.98	51	ESE	2	c	30.00	-0.0	54	49	+5	NE	2	b	1	54	45	-		
†London ...	29.99	54	ESE	1	c	30.02	+0.8	57	53	+4	E	4	b	*	60	40	-		
Oxford ...	30.00	53	ESE	1	o	30.05	+0.5	43	43	-1	N	2	o	*	61	36	-		
Cambridge ...	30.01	54	SE	1	b	30.07	+0.6	44	44	-3	N	1	b	*	63	35	-		
†Yarmouth ...	30.03	47	ESE	2	b	30.05	+0.4	47	45	+2	N	2	b	2	48	40	-		
The Helder ...	30.01	47	N	1	b	30.04	+0.2	49	45	+4	ESE	1	b	1	51	46	-		
Cape Gris Nez ...	29.99	47	NNE	3	o	30.03	+0.3	46	46	-2	ESE	3	c	2	55	46	-		
†Jersey ...	29.92	54	E	3	cm	29.90	-0.6	54	52	+2	ESE	3	cm	3	60	48	-		
Brest ...	29.85	56	NNW	1	o	29.79	-0.9	54	52	+2	E	5	o	2	66	52	-		
Lorient ...	29.83	59	SSE	4	b	29.75	-0.9	53	52	+1	E	5	o	3	61	50	-		
†Rochefort ...	29.83	65	NE	4	o	29.78	-0.8	55	52	+3	SE	7	o	2	72	58	-		
Biarritz ...	29.73	72	E	5	c	29.71	-1.4	56	51	+5	ESE	4	o	3	79	48	-		
Corunna ...	*	*	*	*	*	29.56	-1.9	62	*	+5	E	1	o	1	*	*	*		
Brussels ...	*	*	*	*	*	29.98	-0.3	56	51	+5	E	1	b	*	62	49	-		
Charleville ...	*	*	*	*	*									*	*	*			
Paris ...	29.93	64	N	0	c	29.96	-0.3	57	53	+4	N	0	o	*	*	*	-		
Lyons ...	29.95	59	SSE	3	b	29.99	-0.3	51	50	-1	S	1	b	*	66	47	-		
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.87	45	ESE	3	o	28.85	+1.0	40	40	-2	E	2	o	*	47	38	0.13		

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

Hawes Junction	29.87	45	ESE	3	o	29.85	+1.0	40	40	-2	E	2	o	2	o	*	4.7	38	0.13
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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 ...	30.27	54	53	SSE	2	b	2	Valentia ...	29.95	61	65	SSW	2	b	3
Sumburgh Head ...								Scilly ...	29.92	52	50	E	6	o	5
Stornoway ...								Dover ...	29.99	52	50	E	2	b	1
Aberdeen ...	30.17	46	44	NNE	3	b	3	London ...	29.98	57	52	ESE	1	o	*
Shields ...	30.03	42	42	N	0	b	3	Yarmouth ...	30.03	47	45	SE	2	b	2
Ardrossan ...	30.05	56	54	E	4	b	2	Jersey ...	29.93	58	54	NNW	3	o	3
Mullaghmore ...	30.04	50	48	ESE	2	o	2	Roche fort ...	29.87	72	62	WSW	3	b	0
Holyhead ...	30.01	49	48	NNE	3	b	2								

No important change.

EXPLANATION OF COLUMNS.

WEATHER.--Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 18TH APRIL.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

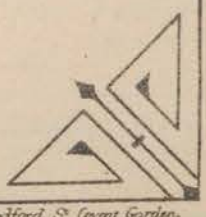
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ROBERT H. SCOTT

(SECRETARY.)



Fred^o Dangerfield, Loh 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Monday 18th APRIL.

1887

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.

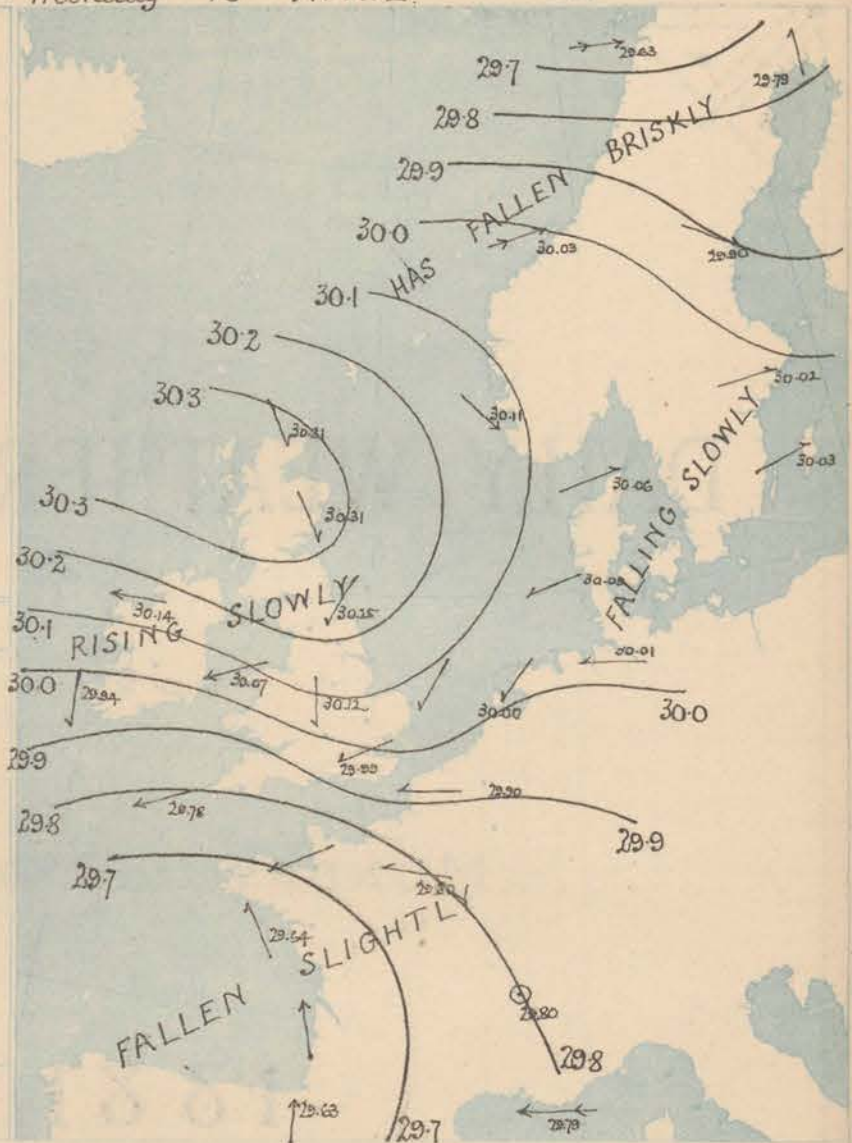
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 1 to 4;
⊙ = dead calm.

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

MEAN^s HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings, Inc.
Nairn	29.866
Aberdeen	29.867
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.922
Valentia	29.893
Roche's Pt.	29.898
Plymouth	29.978
LONDON	29.965
Vermouth	29.948

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.

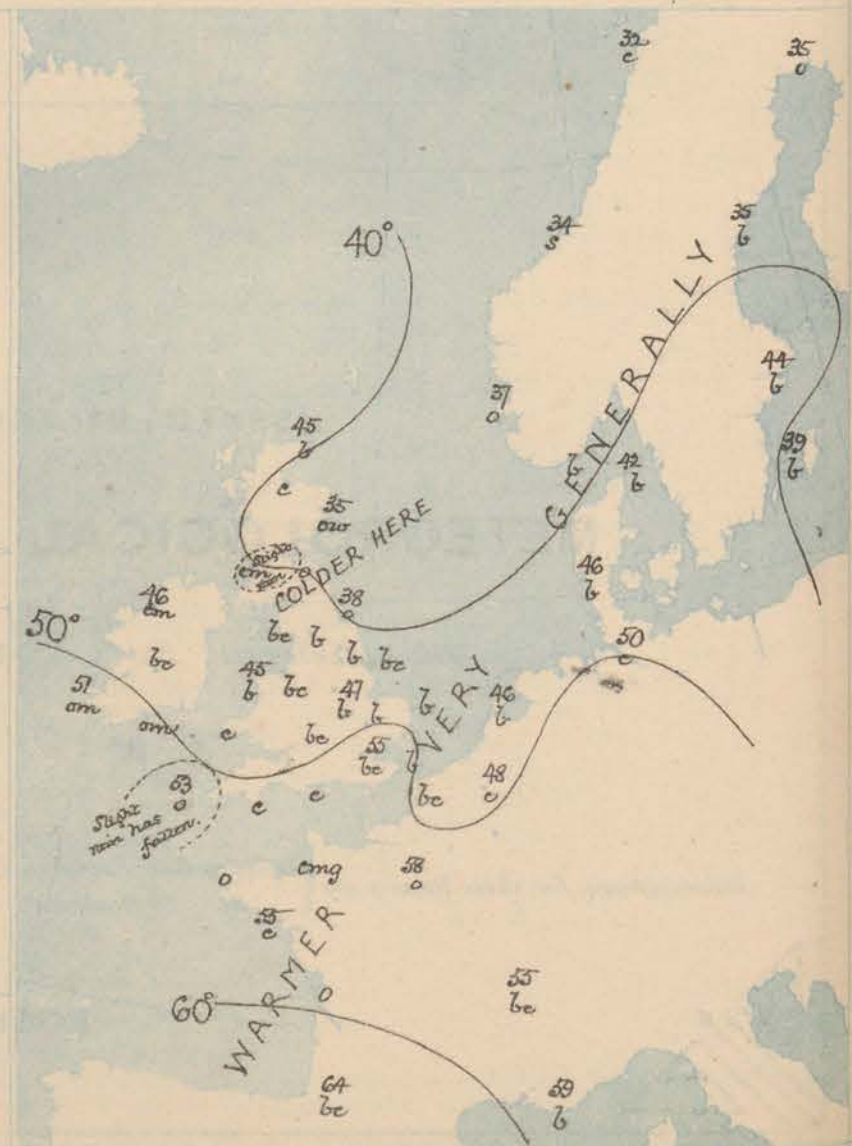
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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^s OF TEMPERATURE AND RAINFALL for the month of April

Stations.	Temp.	Rain-fall
Swanborough Head	42.7	1.8
Swanage	45.0	2.87
Aberdeen	45.3	2.14
Shetland	46.4	1.72
York	47.0	1.70
Mullaghmore	47.2	2.8
Holyhead	47.7	2.82
Parsnastown	48.5	1.95
Valentia	49.4	1.64
Sally (St. Mary's)	51.3	2.01
Burke Castle	42.5	2.8
Dover	52.3	1.89
LONDON	49.2	1.48
Vermouth	47.5	1.13

* 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 MONDAY, 18TH APRIL 1881, at 8 a.m.

During the past night the mercury has fallen slightly over France and briskly over Scandinavia, but has risen over these Islands. In consequence we find the distribution of pressure almost identical with that which prevailed a short time ago an anticyclone being shown over Scotland, with large depressions over the north of Scandinavia and the west of France. W^{ly} winds, light to a gale in force, prevail over Scandinavia, light N^{ly} winds in Scotland, moderate to strong NE^{ly} and E^{ly} winds over England, Ireland and the north of France, and S^{ly} to SE^{ly} winds over the Bay of Biscay. Temperature has fallen quickly in the north east, but has risen slightly generally; readings range from 55° in London to 35° at Aberdeen. The maxima yesterday varied a good deal, ranging from below 50° on our east coast to 68° in London. Frost was experienced in the east of Scotland last night. The weather is dry everywhere, but the sky, though nearly clear over eastern and central England is cloudy generally. The sea is slight except at Scilly.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19TH APRIL.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

Light N^{ly} breezes; fair.

6 SCOTLAND
WEST

Same as n^o 1.

2 SCOTLAND
EAST

Light N^{ly} to E^{ly} breezes; cloudy,
but dry.

7 ENGLAND
N.W.

Fresh NE^{ly} and E^{ly} winds; fair.

3 ENGLAND
N.E.

Light or moderate NE^{ly} breezes;
fair, cool.

8 ENGLAND
S.W.

Moderate to strong E^{ly} winds; cloudy,
but dry.

4 ENGLAND
EAST

9 IRELAND
NORTH

Same as n^o 7.

5 MIDLAND
COUNTIES

10 IRELAND
SOUTH

Fresh or strong NE^{ly} and E^{ly} winds;
cloudy, but dry.

6 ENGLAND
SOUTH

NE^{ly} and E^{ly} breezes, generally moderate;
fine to cloudy.

WARNINGS

The South Cone was hoisted last
evening in District 8.

METEOROLOGICAL OBSERVATIONS FOR

18th APRIL

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.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda ...	29.46	32	N	2	b	29.77	-10	35	32	+3	S	2	3	*	39	27	-	
Hernösand ...	30.14	34	W N W	1	0	29.90	-12	35	?	-2	W N W	4	6	*	52	34	-	
Stockholm ...	30.14	34	2	0	b	30.02	-12	44	38	+2	W	2	6	*	48	30	-	
Wisby ...	30.11	36	E	2	b	30.03	-08	39	35	+2	W S W	2	6	*	43	32	-	
Bodö ...	30.08	37	W	4	0	29.63	-47	32	31	0	W	6	2	4	57	28	-	
Christiansund ...	30.24	35	N N E	6	b	30.03	-27	34	31	-3	W S W	8	8	4	48	23	-	
† Skudesnaes ...	30.19	38	N N W	5	b	30.11	-11	37	36	0	N W	7	0	4	45	?	-	
Oxö (Xiansund) ...	30.17	37	S S W	1	b	30.07	-15	37	35	+2	S W	2	6	2	39	30	-	
Skagen (The Skaw) ...	30.20	39	2	0	b	30.06	-16	42	38	0	W S W	2	6	1	54	36	-	
Fanö ...	30.15	44	E N E	4	b	30.09	-08	46	42	0	E N E	2	6	*	59	37	-	
Cuxhaven ...	30.04	58	N	2	c	30.01	-08	50	46	-1	E	2	0	*	?	45	-	
† Sumburgh Head																		
† Stornoway ...																		
Wick ...	30.32	50	E	1	b	30.31	-00	45	42	+1	N N W	2	6	2	55	35	-	
Nairn ...	30.26	45	E	2	b	30.33	+05	39	36	-1	2	0	0	0	49	30	-	
† Aberdeen ...	30.30	47	N E	2	b	30.31	+05	35	34	-11	N N W	2	0	2	50	28	-	
Leith ...	30.24	43	E	2	b	30.30	+10	40	39	-2	E	1	0	*	51	35	-	
† Shields ...	30.17	45	E N E	2	b	30.25	+10	38	36	-3	N E	2	0	3	47	36	-	
Spurn Head ...	30.02	46	N E	2	b	30.13	+04	42	40	+1	S S E	5	6	4	48	40	-	
York ...	30.11	50	N E	2	b	30.19	+07	42	40	-5	N E	3	6	*	61	35	-	
Nottingham ...	30.07	53	N E	3	b	30.12	+02	47	42	+4	N	4	6	*	60	39	-	
† Ardrossan ...	30.17	54	N E	3	b	30.26	+11	40	39	-4	N E	2	c	1	62	36	0.02	
† Mullaghmore ...	30.07	50	E	5	0	30.14	+07	46	42	+1	E	5	b	4	51	43	-	
Donaghadee ...	30.10	52	N	3	c	30.20	+10	45	42	0	N N W	3	c	1	53	43	-	
Parsonstown ...	30.00	55	N N W	1	0	30.05	-00	44	42	+3	E	4	b	*	58	40	-	
Barrow-in-Furness ...	30.07	60	N N E	3	b	30.14	+06	45	40	-3	N N E	4	b	3	65	40	-	
† Holyhead ...	30.01	53	E N E	4	b	30.07	+06	45	42	-3	E N E	6	b	4	57	43	-	
Liverpool (Bidston) ...	30.20	45	E	3	b	30.11	+04	46	39	0	E N E	3	b	0	60	42	-	
† Valentia ...	29.91	55	N E	2	c	29.94	-00	51	49	0	N	3	0	3	62	50	-	
Roche's Point ...	29.93	53	E	5	0	29.92	-05	53	47	+4	E	6	0	5	58	49	-	
Pembroke ...	29.90	56	E N E	3	0	29.89	-04	50	45	+3	E	4	0	2	53	47	-	
† Scilly ...	29.80	53	E S E	8	0	29.78	-07	53	52	+2	E N E	6	0	6	54	50	0.01	
Prawle Point ...	29.86	53	E N E	4	0	29.80	-11	53	48	+4	E N E	6	0	5	55	47	-	
Hurst Castle ...	29.93	54	S W	4	0	29.88	-08	51	48	+4	E	4	0	3	60	46	-	
† Dover ...	29.96	50	N E	4	b	29.93	-07	53	43	-1	N E	4	6	3	57	48	-	
† London ...	29.93	60	S E	2	b	29.99	-03	55	47	-2	E N E	3	b	*	68	45	-	
Oxford ...	29.98	57	N N E	3	b	30.02	-03	47	44	+4	N N E	2	b	*	62	41	-	
Cambridge ...	30.01	56	E	1	b	30.03	-04	50	45	+6	N	1	6	*	64	37	-	
† Yarmouth ...	30.04	47	N E	2	b	30.03	-02	45	43	-2	N E	4	6	3	50	42	-	
The Helder ...	30.05	49	N E	2	b	30.00	-04	46	43	-3	N E	2	6	2	54	45	-	
Cape Gris Nez ...	29.77	49	E N E	4	b	29.93	-10	48	46	+2	E	4	b	2	55	46	-	
† Jersey ...	29.84	56	E N E	4	c	29.75	-15	54	52	0	E N E	4	c	4	65	51	-	
Brest ...	29.76	57	S E	5	0	29.67	-12	57	53	+3	S E	4	0	3	63	54	-	
Lorient ...	29.68	61	E S E	5	2	29.64	-11	55	53	+2	S E	4	0	2	63	52	-	
† Rochefort ...	29.64	66	S E	5	0	29.64	-14	59	55	+4	S S E	7	0	2	73	50	-	
Biarritz ...	29.54	66	E	7	0	29.63	-08	64	53	+8	S	5	b	3	72	50	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.90	-08	48	45	-8	E N E	1	c	*	68	45	-	
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Paris ...	29.88	66	2	0	0	29.80	-16	58	51	+1	E S E	1	0	*	*	*	-	
Lyons ...	29.89	63	S S E	1	b	29.80	-19	55	50	+4	S S W	1	b	*	69	50	-	
Toulon ...	29.91	56	E	9	0	29.79	-	59	?	-	E	9	6	6	61	54	?	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.85	51	E N E	4	b	28.93	+08	34	33	-6	E N E	5	b	*	55	33	-	

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	30.21	45	42	N W	6	6	3	Valentia ...			
Sumburgh Head								Scilly ...			
Stornoway ...								Dover ...			
Aberdeen ...								London ...			*
Shields ...								Yarmouth ...			
Ardrossan ...								Jersey ...			
Mullaghmore ...								Rochefort ...	29.73	72	62
Holyhead ...											

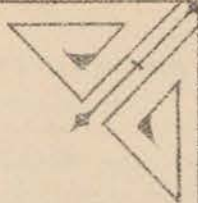
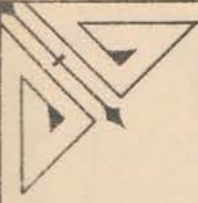
EXPLANATION OF COLUMNS.

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

FOR

TUESDAY, 19TH APRIL

1881.

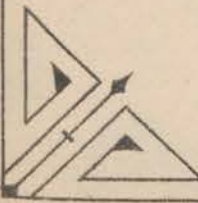
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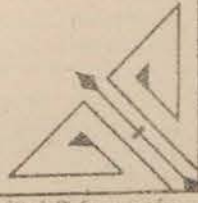
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on TUESDAY 19th April.

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.

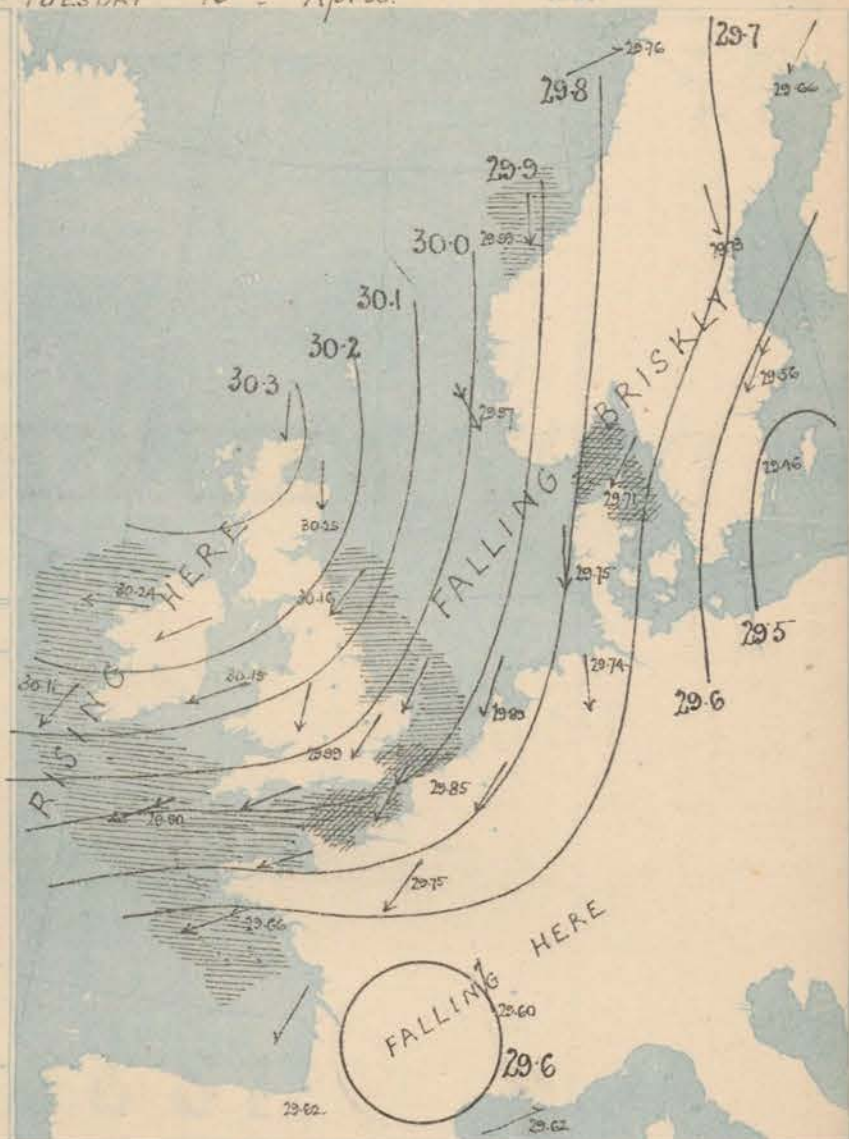
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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 April

Stations	Temp.	Rain-fall
Sundburgh Head	42.7	1.85
Stornoway	41.9	2.87
Aberdeen	45.3	2.18
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	2
Holyhead	48.2	1.87
Portsmouth	48.8	1.93
Valentia	49.5	2.61
Sally (St Mary's)	51.8	2.01
Hurst Castle	49.5	2
Dover	48.8	1.89
LONDON	49.2	1.48
Yarmouth	47.5	1.13

* 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 TUESDAY 19th APRIL 1881 at 8 a.m.

The depression noticed in the north of Scandinavia yesterday morning has passed S^w during the night and now lies over the Baltic. It has occasioned a brisk fall of the barometer over the countries to the E^w of the North Sea and a slight decrease in our northern and eastern districts, while the depression over the Bay of Biscay has passed a little E^w and caused a fall of the mercury over the east of France. On our western coasts the barometer is rising, and the anticyclone still lies over the north of Scotland. Gradients have become steep generally, and the wind, which is N^w all over the eastern half of our area and NE^w and E^w in the south and west, blows strongly generally and at Lilly and in the west of France with the force of a gale. The weather is cloudy or overcast except over Denmark and a few of our western stations; rain is falling in the north of France and east of England, and snow in the east of Scotland. At Lorient the rainfall during the past 24 hours has been heavy. Temperature has fallen everywhere, the change over central and south eastern England varying from ten to sixteen degrees; readings range from 46° at Valentia to 37° on our north east coasts. The sea is rough in the east and south and off the west of Ireland.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
20th APRIL.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N ^w breezes, light to fresh, cloudy, cold showers.	6 SCOTLAND WEST	NE ^w winds, fresh; dull, cold.
2 SCOTLAND EAST	—	7 ENGLAND N.W.	Same as No 5
3 ENGLAND N.E.	N ^w and NE ^w winds, strong and squally; dull, cold showers.	8 ENGLAND S.W.	NE ^w and E ^w , strong winds and gales, dull, cold.
4 ENGLAND EAST	—	9 IRELAND NORTH	Same as Nos 2 and 3.
5 MIDLAND COUNTIES	N ^w winds, fresh or strong; dull, cold.	10 IRELAND SOUTH	Same as Nos 2 and 3.
6 ENGLAND SOUTH	NE ^w and E ^w winds, strong and squally, dull, cold.	WARNINGS	The South Cone is still flying in District No 8.

METEOROLOGICAL OBSERVATIONS FOR

19TH APRIL

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 ...	29.57	29	SW	2	b	29.66	- 13	32	31	- 3	NE	2	0	*	36	28	-		
Hernösand ...	29.82	32	NW	2	b	29.73	- 17	33	28	- 2	N	2	6	*	42	27	-		
Stockholm ...	29.69	29	SW	2	b	29.56	- 46	33	28	- 11	NE	8	8	*	52	28	-		
Wisby ...	29.80	39	SSE	6	b	29.46	- 57	40	36	+ 1	SSE	2	1	*	52	23	-		
Bodö ...	29.69	29	2	0	b	29.76	+ 13	33	31	+ 1	WSW	2	0	1	?	27	-		
Christiansund...	30.02	31	NW	6	0	29.93	- 10	37	32	+ 3	N	6	0	5	37	21	0.12		
†Skudesnaes ...	29.98	35	NNW	8	c	29.97	- 14	34	30	- 3	NNW	8	6	3	?	34	-		
Oxö (Xiänsund) ...	29.75	40	NW	4	b	29.82	- 25	36	30	- 1	NNW	4	6	2	46	32	-		
Skagen (The Skaw)	29.70	40	NNW	5	b	29.71	- 35	34	33	- 8	NE	7	6	7	50	32	-		
Fanö ...	29.85	39	NNW	6	b	29.75	- 34	38	33	- 8	N	6	6	*	57	32	-		
Cuxhaven ...	29.85	59	N	4	c	29.74	- 27	41	38	- 9	N	6	6	*	?	33	-		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	30.34	39	NNE	5	0	30.31	00	37	36	- 8	N	4	0	4	46	32	-		
Nairn ...	30.32	41	NE	4	0	30.32	- 01	37	34	- 2	NE	3	0	4	50	36	-		
†Aberdeen ...	30.26	42	N	5	1	30.25	- 06	37	33	+ 2	N	5	0	3	52	34	0.01		
Leith ...	30.22	45	E	1	0	30.26	- 04	38	35	- 2	E	3	5	*	48	35	-		
†Shields ...	30.07	42	NNE	3	0	30.16	- 09	37	34	- 1	NE	7	0	6	43	33	0.02		
Spurn Head ...	30.09	41	ENE	6	b	30.07	- 06	39	36	- 3	NE	6	6	6	44	36	0.02		
York ...	30.14	43	NNE	3	0	30.13	- 06	38	35	- 4	N	5	0	*	48	36	-		
Nottingham ...	30.10	45	NE	6	0	30.09	- 03	38	34	- 9	NNE	5	0	*	51	36	0.01		
†Ardrossan ...	30.19	52	NE	3	b	30.27	+ 01	39	37	- 1	NE	2	cm	1	54	33	-		
†Mullaghmore ...	30.13	51	NE	5	0	30.24	+ 10	40	38	- 6	E	6	og	5	56	37	-		
Donaghadee ...	30.20	47	NNE	3	b	30.25	+ 05	39	38	- 6	NE	5	6	3	52	37	-		
Parsonstown ...	30.09	52	NE	2	c	30.20	+ 15	42	37	- 2	NE	2	c	*	57	35	-		
Barrow-in-Furness	30.12	46	NE	5	b	30.18	+ 04	38	34	- 7	NE	3	0	3	58	34	-		
†Holyhead ...	30.07	48	NE	6	b	30.15	+ 08	41	37	- 4	ENE	6	0	4	57	40	-		
Liverpool (Bidston)	30.07	45	ENE	3	b	30.14	+ 03	38	34	- 8	NE	3	0	1	52	36	-		
†Valentia ...	29.93	58	ENE	5	m	30.11	+ 17	46	42	- 5	NE	6	6	6	61	40	-		
Roche's Point...	29.96	55	NE	6	c	30.10	+ 18	44	42	- 9	ENE	5	0	4	60	39	-		
Pembroke ...	29.90	54	ENE	5	c	30.01	+ 12	42	39	- 8	NE	5	0	2	59	38	-		
†Scilly ...	29.77	55	E	8	0	29.90	+ 12	45	43	- 8	ENE	8	0	6	58	42	-		
Prawle Point ...	29.81	52	ENE	5	c	29.92	+ 12	41	39	- 12	ENE	6	c	6	58	38	-		
Hurst Castle ...	29.74	57	ENE	5	b	29.95	+ 07	42	41	- 9	ENE	7	c	5	57	39	-		
†Dover ...	29.85	45	NE	6	b	29.91	- 02	40	38	- 13	NE	6	0	5	54	40	-		
†London ...	29.94	50	E	5	b	29.99	00	39	35	- 16	NE	5	0	*	65	38	-		
Oxford ...	30.00	40	NNE	8	0	30.02	00	39	35	- 8	NNE	8	0	*	60	38	-		
Cambridge ...	30.02	42	N	3	0	30.02	- 01	39	36	- 11	NNE	3	0	*	39	37	-		
†Yarmouth ...	30.01	41	N	5	c	29.98	- 05	39	37	- 6	NNE	6	c	5	47	37	-		
The Helder ...	29.90	40	NNE	4	0	29.89	- 11	38	35	- 8	NNE	4	0	3	50	37	-		
Cape Gris Nez ...	29.84	45	NE	8	m	29.91	- 02	41	39	- 7	NE	9	1	7	52	39	-		
†Jersey ...	29.74	53	ENE	6	ogm	29.83	+ 08	44	42	- 10	ENE	7	0	5	58	42	-		
Brest ...	29.66	56	E	4	0	29.74	+ 07	44	42	- 13	E	8	0	5	68	43	0.32		
Lorient ...	29.61	59	E	3	0	29.66	+ 05	46	44	- 9	ENE	8	1	5	63	45	0.71		
†Rochefort ...	29.63	58	SSE	7	N	29.61	- 03	56	55	- 3	NE	3	0	2	66	50	0.08		
Biarritz ...	29.62	61	ESE	7	N	29.62	- 01	56	53	- 8	S	4	c	2	68	48	0.39		
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	29.85	- 05	40	36	- 8	NE	5	0	*	70	39	-		
Charleville ...	*	*	*	*	*									*	*	*			
Paris ...	29.68	64	NNE	4	0	29.75	- 05	46	42	- 12	NE	7	0	*	*	*	-		
Lyons ...	29.65	62	SE	1	c	29.60	- 20	53	51	- 2	SSE	1	m	*	72	51	0.63		
Toulon ...	29.65	57	E	10	0	29.62	- 17	54	54	- 5	WSW	3	m	5	61	54	0.08		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.80	37	ENE	6	c	28.85	- 08	33	32	- 1	ENE	7	c	*	44	30	-		

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

Hawes Junction	28.80	37	ENE	6	c	28.85	-08	33	32	-1	ENE	7	c	44	30	-
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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 ...	30.04	42	39	NW	3	c	Valentia ...	29.94	58	53	NE	4	om	4
Sumburgh Head ...							Scilly ...	29.77	58	53	E	8	0	6
Stornoway ...							Dover ..	29.88	51	46	NE	6	6	4
Aberdeen ...	30.23	46	44	NNE	2	c	London ...	29.95	51	51	SE	5	6	*
Shields ...	30.22	42	42	NNE	2	0	Yarmouth ...							
Ardrossan ...	30.23	52	50	NE	4	b	Jersey ...	29.75	57	52	E	5	c	4
Mullaghmore ...	30.14	55	47	E	5	b	Rochefort ...	29.87	63	60	SSE	7	0	2
Holyhead ...	30.09	50	48	NE	6	b								

The mercury is falling in the E and S, but is steady elsewhere. Slight to strong NE winds prevail generally and an E gale at Scilly, while fine bright dry weather is reported over the greater part of England.

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. 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

WEDNESDAY, 20TH APRIL.

1881.

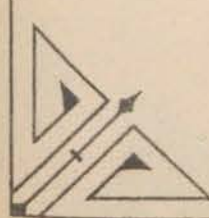
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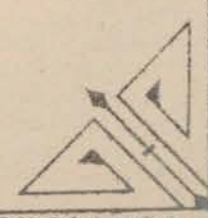
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 20TH APRIL.

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.

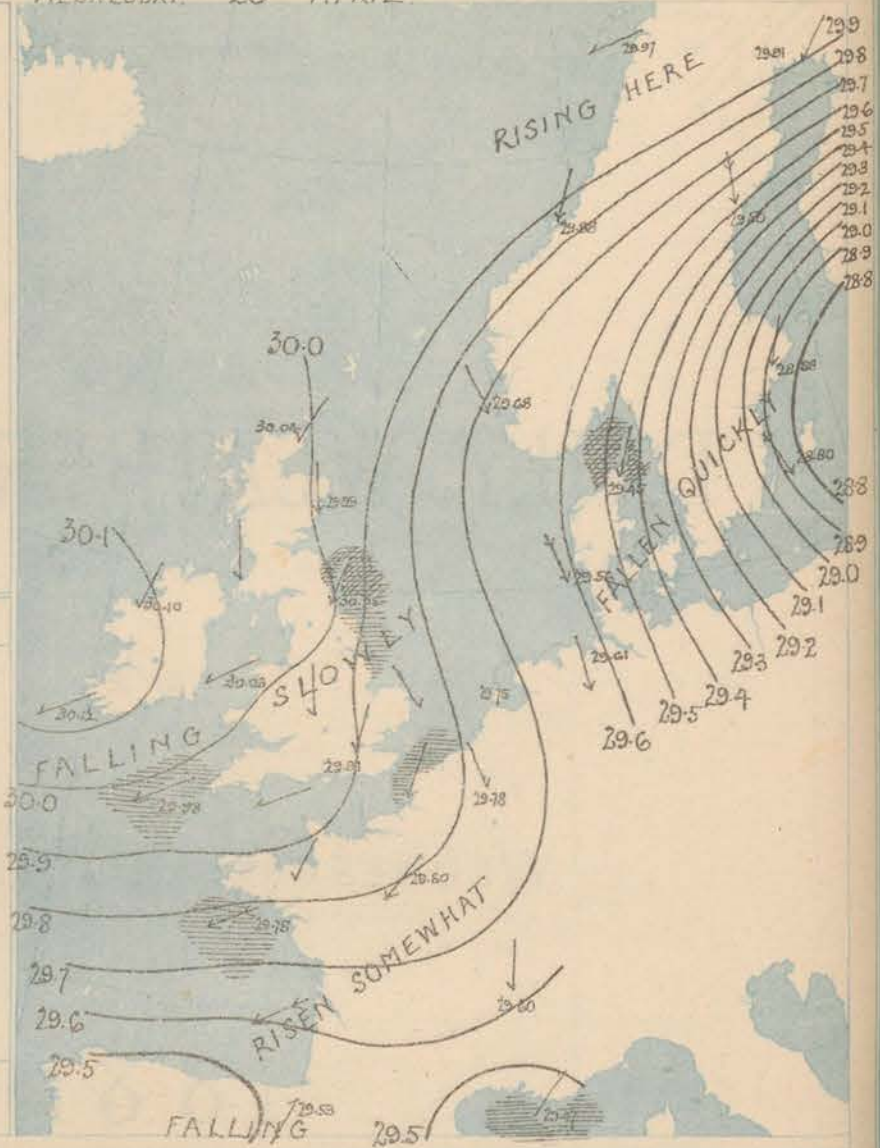
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; →→ forces 8 to 10;
 →→ forces 5 to 7; →→ forces 1 to 4;
 ⊙ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings.
Nairn	29.566
Aberdeen	29.861
Leith	29.894
Scarborough	29.972
Ardrossan	29.903
Greenock	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Farmouth	29.948

* 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.

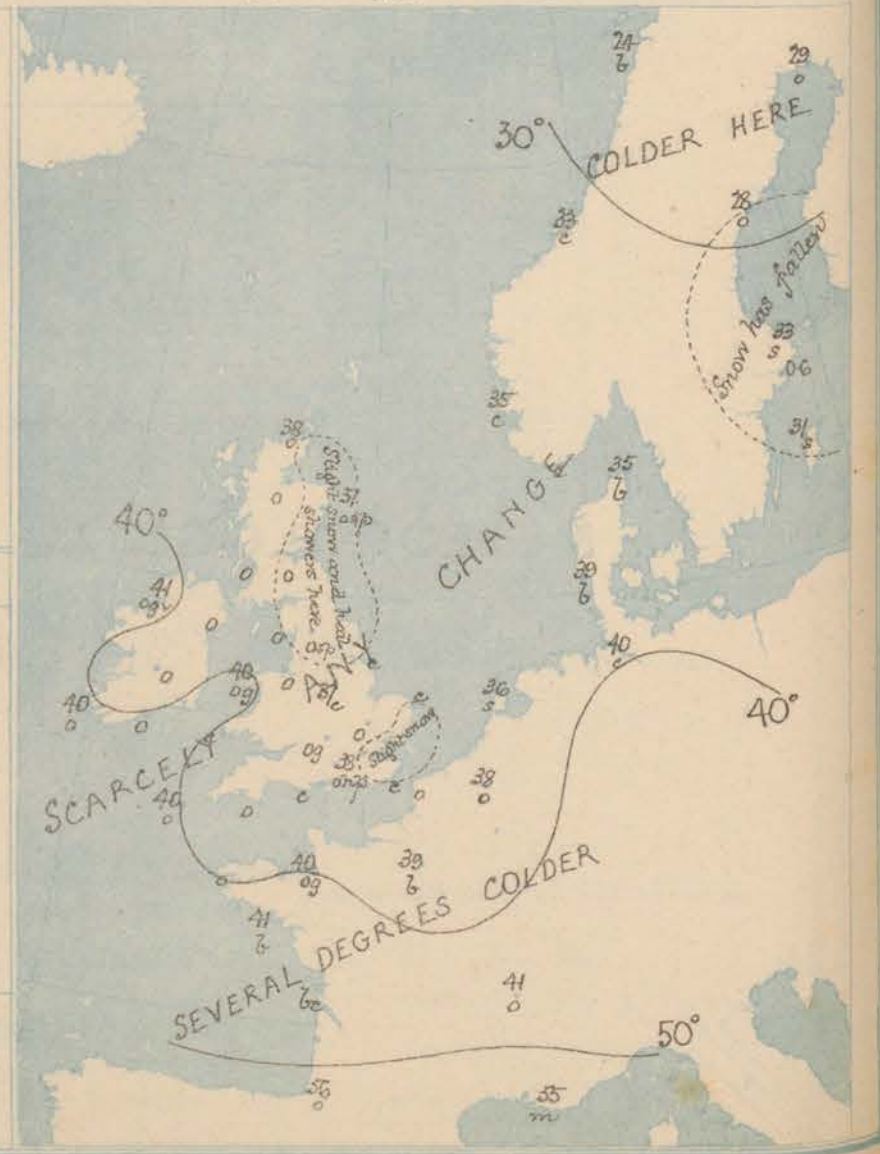
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of April

Stations	Temp.	Rain-fall
	°	ins.
Sunderburgh Head	42.7	1.85
Syracuse	43.8	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	?
Holyhead	48.2	1.67
Parsonstown	48.5	1.35
Valentia	48.5	3.64
Scilly (St Mary's)	51.8	2.07
Hurst Castle	48.5	?
Dover	48.8	1.89
LONDON	49.2	1.43
Farmouth	47.5	1.33

* The mean Temperatures are those for the 11 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for... Wednesday - 20th April... 1881... at 8 a.m.

In the course of the past 24 hours the barometer has fallen somewhat over the whole of our Islands - most in the N., while it has risen slightly over the Bay of Biscay. The wind on our coast has consequently moderated in force, and has become more N^t than it was yesterday. Temperature remains very low everywhere; the sky is overcast & cloudy generally, and slight showers of graupel (soft hail) or sleet are reported in a few places. The fall of the barometer referred to, above appears to be owing mainly to a large depression whose centre lies over the Baltic. This has grown very deep during the night, causing N^t gales over the Gulf of Bothnia; and some shallow subsidiary disturbances belonging to it are passing in a S^t direction over our NE- and E- districts. Sea is rough both on our eastern and south-western coasts, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

N^t breezes, moderate; cold.

2 SCOTLAND EAST

D^o D^o D^o

3 ENGLAND N.E.

Wind chiefly N^{ty}, fresh at times; cold showers then fair.

4 ENGLAND EAST

D^o D^o D^o

5 MIDLAND COUNTIES

D^o D^o D^o

6 ENGLAND SOUTH

N^t and NE^t winds, moderate to fresh, cloudy, slight showers then fine.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

N^t breezes, moderate; fair, cold.

7 ENGLAND N.W.

D^o D^o D^o

8 ENGLAND S.W.

NE^t breezes, strong to moderate; cold, fair.

9 IRELAND NORTH

Same as N^o 7.

10 IRELAND SOUTH

Same as N^o 8.

WARNINGS

None Issued.

METEOROLOGICAL OBSERVATIONS FOR

20th APRIL

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. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dir.	Force.			Dry.	Wet.											
Haparanda	29.77	30	N	4	0	29.91	+25	29	26	-3	NNE	6	0	*	34	27	-	-	-
Hernösand	29.74	30	NE	6	0	29.50	-23	28	27	-1	N	0	0	*	36	19	0.08	-	-
Stockholm	29.30	29	NNE	8	0	28.88	-68	33	33	0	NNE	6	8	*	41	28	0.55	-	-
Wisby	29.19	31	N	8	0	28.80	-66	31	31	-9	NNW	8	8	*	45	25	0.16	-	-
Bodö	29.87	30	N	4	0	29.97	+21	24	23	-9	ENE	2	6	*	?	23	-	-	-
Christiansund	29.88	33	NNE	6	0	29.88	-05	33	32	-4	NNE	5	0	4	37	21	-	-	-
†Skudesnaes	29.80	36	SH	8	0	29.68	-12	35	31	+1	NNW	6	0	3	?	?	-	-	-
Oxö (Xiansund)	29.68	29	NNW	4	0	29.60	-22	37	32	+1	NNW	4	0	2	43	32	-	-	-
Skagen (The Skaw)	29.59	38	NNE	5	0	29.45	-26	35	31	+1	NNE	7	6	8	46	34	-	-	-
Fanö	29.67	35	NW	4	0	29.56	-19	39	36	+1	NNW	3	6	*	43	34	-	-	-
Cuxhaven	29.74	?	N	6	0	29.61	-13	40	38	-1	NNW	5	0	*	41	36	-	-	-
†Sumburgh Head																			
†Stornoway																			
Wick	30.21	38	N	5	0	30.04	-27	38	35	+1	NE	4	0	4	44	32	0.02	-	-
Nairn	30.23	38	NNE	4	0	30.07	-25	38	36	+1	NNE	2	0	3	41	35	-	-	-
†Aberdeen	30.16	38	N	6	0	29.99	-26	37	34	0	N	5	0	4	41	32	0.02	-	-
Leith	30.18	40	E	1	0	30.03	-23	38	33	0	NE	1	0	*	44	36	0.01	-	-
†Shields	30.12	38	NNE	6	0	30.05	-11	37	35	0	NNE	6	2	7	40	33	0.05	-	-
Spurn Head	30.04	39	NNE	5	0	29.89	-18	39	37	0	NNE	5	0	5	43	35	0.04	-	-
York	30.11	59	N	4	0	29.96	-17	36	34	-2	N	3	0	*	42	32	0.03	-	-
Nottingham	30.06	40	NNE	5	0	29.96	-13	37	34	-1	N	4	0	*	41	34	-	-	-
†Ardrossan	30.17	45	NNE	2	0	30.07	-20	39	37	0	N	2	0	1	49	34	-	-	-
†Mullaghmore	30.21	44	NE	3	0	30.10	-14	41	37	+1	NNE	4	0	3	49	39	-	-	-
Donaghadee	30.19	43	NNW	3	0	30.08	-17	38	35	-1	NNE	4	0	2	45	36	-	-	-
Parsonstown	30.19	42	ENE	2	0	30.10	-10	39	36	-3	N	1	0	*	44	28	-	-	-
Barrow-in-Furness	30.19	42	NE	4	0	30.04	-14	38	34	0	N	3	0	3	46	36	-	-	-
†Holyhead	30.13	41	NE	6	0	30.03	-12	40	36	-1	ENE	3	0	2	43	38	-	-	-
Liverpool (Bidston)	30.11	41	NE	2	0	30.00	-14	38	33	0	NNE	2	0	1	44	36	-	-	-
†Valentia	30.10	47	NE	5	0	30.12	+01	40	37	-6	ENE	3	0	4	52	34	-	-	-
Roche's Point	30.12	43	ENE	5	0	30.08	-02	41	38	-3	NNE	4	0	4	47	35	-	-	-
Pembroke	30.02	43	NE	4	0	29.99	-02	39	33	-3	NE	2	0	0	44	36	-	-	-
†Scilly	29.96	45	NE	7	0	29.98	+08	40	37	-5	ENE	6	0	5	48	37	-	-	-
Prawle Point	29.96	41	NE	8	0	29.95	+03	37	34	+4	NE	4	0	4	46	34	-	-	-
Hurst Castle	29.96	42	E	7	0	29.92	-03	38	36	-4	ENE	3	0	3	44	34	-	-	-
†Dover	29.90	41	NE	6	0	29.84	-07	40	34	0	NNE	4	0	2	44	37	0.01	-	-
†London	29.98	40	NNE	5	0	29.91	-08	38	35	-1	NNE	3	0	3	43	35	-	-	-
Oxford	30.03	39	E	5	0	29.93	-09	38	35	-1	NNW	4	0	3	41	35	-	-	-
Cambridge	30.00	39	NE	3	0	29.88	-14	38	36	-1	N	2	0	*	42	33	-	-	-
†Yarmouth	29.98	39	N	5	0	29.86	-12	39	36	0	NNW	4	0	4	41	35	0.01	-	-
The Helder	29.97	39	N	3	0	29.75	-14	36	35	-2	NNW	4	0	2	41	36	0.04	-	-
Cape Gris Nez	29.89	40	NE	9	0	29.84	-07	39	36	-2	NNE	7	0	5	52	36	-	-	-
†Jersey	29.89	42	ENE	6	0	29.89	+06	40	35	-4	NE	4	0	4	45	39	-	-	-
Brest	29.84	43	E	7	0	29.86	+12	40	37	-4	E	5	0	3	48	39	-	-	-
Lorient	29.73	46	NE	9	0	29.78	+12	41	33	-5	ENE	8	0	5	59	36	-	-	-
†Rochefort	29.63	51	ENE	8	0	29.63	+02	41	37	-15	ENE	8	0	4	59	34	-	-	-
Biarritz	29.57	58	N	4	0	29.53	-09	56	53	0	SW	1	0	3	63	50	-	-	-
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.78	-07	38	35	-2	NNW	1	0	*	44	34	-	-	-
Charleville	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Paris	29.77	46	N	9	0	29.80	+05	39	34	-7	NE	7	0	*	*	*	-	-	-
Lyons	29.83	59	NNW	3	0	29.60	-00	41	26	-12	N	3	0	*	65	41	-	-	-
Toulon	29.53	58	WSE	5	0	29.47	-15	55	54	+1	SW	4	0	5	61	50	-	-	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	33	N	4	0	28.71	-14	32	30	-1	N	4	0	3	36	29	0.01	-	-

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.83	40	36	NW	8	C	h	Valentia ...	30.11	51	45	NE	6	6 m	4
Sumburgh Head								Scilly ...	29.96	46	44	E NE	7	0	6
Stornoway ...								Dover ..	29.92	42	37	NE	6	0 p	5
Aberdeen ...	30.21	41	37	N	6	0	h	London ...	29.98	42	38	N NE	4	0	*
Shields ...	30.15	39	36	NE	5	0	6	Yarmouth ...	29.98	40	37	N NE	6	0	5
Ardrossan ...	30.22	48	46	NE	2	0	1	Jersey ...	29.88	44	40	E NE	6	0	5
Mullaghmore ...	30.26	46	41	NE	5	0	5	Rochefort ...	29.62	56	54	NE	7	0	2
Holyhead ...	30.16	43	39	NE	6	0	h								

The barometer is inclined to rise at Scilly while it has fallen decidedly in Norway and N. Scotland, but elsewhere there has been little change. Strong cold N. and NE. wind prevail with dull weather, and in the S. the sea is 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).



DAILY WEATHER REPORT

F O R

THURSDAY, 21ST APRIL.

1881.

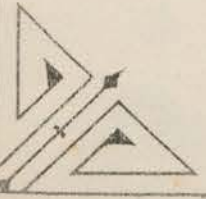
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Thursday 21st April 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.

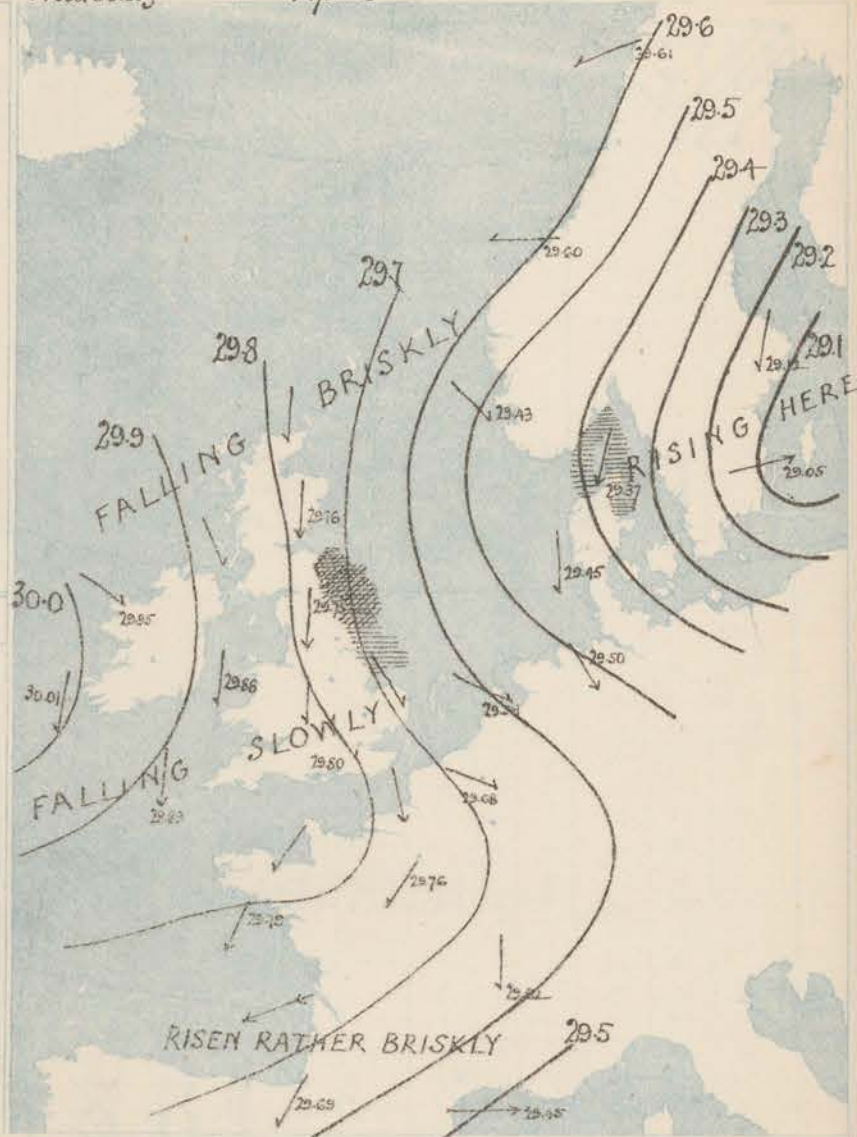
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings
Nairn	29.568
Aberdeen	29.561
Leith	29.594
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.965
Yarmouth	29.949

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



REMARKS

for *Thursday April 21st 1881* at *8 a.m.*

In the course of the past twenty four hours the barometer has been falling over the United Kingdom generally, and especially in the N. but has begun to rise briskly over the N^W half of France, while the large depression noticed over the Baltic yesterday is filling up. The Northerly winds have consequently lulled considerably in our Islands and are inclined to back towards NW. in some places. Temperature (after being very low at the inland stations during the night) has begun to rise in the N. and S. and the weather generally is finer than it was yesterday. The Sea is still high in the NE, moderate to smooth elsewhere, and though little disturbed along our South coast it is somewhat rougher on the French side of the Channel.

The North Cone, hoisted in the E. last night in consequence of a faulty telegram from the Sea, has been lowered again this morning.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

Friday April 22nd

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Wind backing towards West; weather milder; perhaps less settled later.		
2 SCOTLAND EAST	D°	D°	D°
3 ENGLAND N.E.	D°	D°	D°
4 ENGLAND EAST	North-Westerly breezes moderate & fine; then becoming less settled.		
5 MIDLAND COUNTIES	D°	D°	D°
6 ENGLAND SOUTH	D°	D°	D°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N° 0-2
7 ENGLAND N.W.	Same as N° 0-2
8 ENGLAND S.W.	Northerly to North-Westerly winds moderate; fine.
9 IRELAND NORTH	Same as N° 0-2
10 IRELAND SOUTH	Same as N° 8

WARNINGS

The N. Cone hoisted in districts 2 & 3 last night in consequence of a faulty telegram has been lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR 21st APRIL 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 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.	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).			Dry.	Wet.					Max.	Min.				
Haparanda																		
Hernösand																		
Stockholm	29.09	31	NNE	5	0	29.12	+ 24	32	- 1	NNE	4	3	36	28	0.16			
Wisby	29.00	31	NW	6	5	29.05	+ 25	32	+ 2	W	6	3	36	25	0.24			
Bodö	29.92	24	ENE	2	6	29.61	+ 24	24	0	ENE	2	6	32	19				
Christiansund	29.70	33	NNE	5	0	29.60	- 28	33	0	E	1	0	36	23	0.04			
† Skadesnaes	29.50	37	N	6	0	29.43	- 28	37	+ 4	NW	4	0	43	3				
Oxö (Xiansund)	29.42	31	N	4	3	29.42	- 18	36	0	NW	2	6	41	3				
Skagen (The Skaw)	29.33	32	NNE	7	8	29.37	- 108	33	0	NNE	6	0	36	30	0.04			
Fanö	29.45	37	WNW	6	0	29.45	- 11	36	35	N	4	0	43	32				
Cuxhaven	29.05	35	NNW	5	0	29.30	- 11	41	37	NW	5	0	42	34				
† Sumburgh Head																		
† Stornoway																		
Wick	29.93	39	NNE	4	0	29.76	- 28	40	33	N	3	0	44	31	0.04			
Nairn	29.36	38	NNW	2	0	29.33	- 24	39	37	NNW	4	0	44	37	0.02			
† Aberdeen	29.87	37	N	6	0	29.76	- 23	37	36	N	5	0	42	34	0.09			
Leith	29.91	41	NE	2	0	29.82	- 21	40	36	NNE	1	0	46	37				
† Shields	29.84	39	NNE	7	0	29.75	- 30	37	30	N	6	0	41	31	0.08			
Spurn Head	29.78	37	N	5	0	29.71	- 18	35	35	NNW	5	0	41	30	0.05			
York	29.87	39	N	4	0	29.77	- 19	38	35	N	4	0	42	31	0.01			
Nottingham	29.84	34	NNW	4	0	29.79	- 17	38	33	N	5	0	45	30	0.01			
† Ardrossan	29.91	45	NNE	2	0	29.87	- 20	41	39	NW	2	0	46	34				
† Mullaghmore	30.01	46	NNE	5	0	29.95	- 15	44	42	NNW	2	0	48	40	0.05			
Donaghadee	29.93	44	NW	6	0	29.89	- 19	41	37	NNW	4	0	46	38	0.03			
Parsonstown	29.99	44	N	1	0	29.98	- 12	41	38	NNW	2	0	46	34				
Barrow-in-Furness	29.89	44	N	3	0	29.83	- 21	38	35	N	3	0	45	33				
† Holyhead	29.92	41	N	4	0	29.88	- 15	40	36	N	4	0	42	38	0.02			
Liverpool (Bidston)	29.88	42	NW	2	0	29.85	- 15	39	34	N	2	0	44	36				
† Valentia	30.01	46	N	3	0	30.01	- 11	45	42	N	4	0	49	33	0.04			
Roche's Point	30.00	45	NNE	3	0	29.95	- 13	44	44	N	4	0	48	35				
Pembroke	29.87	40	N	3	0	29.85	- 14	38	35	ENE	1	0	44	35	0.02			
† Scilly	29.91	43	NNE	6	0	29.89	- 09	43	41	N	5	0	44	37	0.01			
Prawle Point	29.95	41	N	3	0	29.85	- 10	42	39	N	3	0	45	30				
Hurst Castle	29.8	42	NE	3	0	29.82	- 10	38	36	NE	3	0	46	30				
† Dover	29.75	42	NNE	4	0	29.73	- 11	40	36	NNW	3	0	45	31				
† London	29.80	40	NW	4	0	29.80	- 11	38	33	NW	2	0	43	28				
Oxford	29.82	37	N	4	0	29.80	- 13	36	30	NNW	2	0	44	29				
Cambridge	29.79	36	N	1	0	29.75	- 17	37	35	NNW	1	0	44	27	0.04			
† Yarmouth	29.75	39	N	2	0	29.69	- 17	36	35	NW	2	0	43	30	0.08			
The Helder	29.63	38	NNW	3	0	29.58	- 17	39	36	NNW	2	0	41	36	0.08			
Cape Gris Nez	29.75	39	NE	4	0	29.70	- 08	36	35	NNW	7	0	45	34				
† Jersey	29.84	41	NNE	3	0	29.85	- 04	44	40	NE	3	0	43	38				
Brest	29.83	41	ENE	4	0	29.84	- 02	37	36	E	4	0	45	36				
Lorient	29.74	43	NNE	8	0	29.79	+ 101	39	37	NE	5	0	48	36				
† Rochefort	29.60	42	ENE	8	0	29.75	+ 12	41	38	ENE	8	0	50	34				
Biarritz	29.84	42	N	5	0	29.69	+ 16	45	44	NE	4	0	61	39	0.12			
Cornouaille																		
Brussels						29.68	- 10	38	35	NNW	3	0	43	32				
Charleville																		
Paris	29.69	44	N	5	0	29.76	- 04	40	37	NE	4	0						
Lyons	29.88	45	NNW	1	0	29.61	+ 102	37	32	N	1	0	48	36				
Toulon	29.44	37	NNW	7	0	29.45	- 02	39	48	N	7	0	68	?				
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.60	35	N	4	0	29.55	- 10	32	29	N	2	0	37	27				

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skodesnaes ...	29.32	42	34	N	6	c	4	Valentia ...	30.05	47	42	N	3	c	2
Sumburgh Head								Scilly ...	29.95	43	40	NE	6	c	5
Stornoway ...								Dover ..	29.75	43	37	NNE	5	c	3
Aberdeen ...	29.90	40	36	N	7	6c	5	London ...	29.80	41	38	NNW	4	c	*
Shields ...	29.88	39	37	NNE	7	o	7	Yarmouth ...	29.78	42	37	NNW	4	c	4
Ardrossan ...	29.96	45	43	N	2	c	1	Jersey ...	29.84	41	37	NE	4	o	3
Mullaghmore ...	30.03	48	43	NNE	4	6c	3	Rochefort ...	29.65	45	42	ENE	7	6	11
Holyhead ...	29.96	45	36	N	4	c	3								

The barometer continues to fall somewhat, most in the E., and the N. wind has become very strong along our NE coast, but with a slight improvement in the weather.

EXPLANATION OF COLUMNS.

WEATHER. Barometer Scale in, h. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, cloudy; h. hail; l. lightning; m. misty (hazy); n. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unobscured 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, 22ND APRIL.

1881.

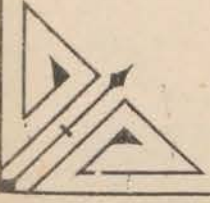
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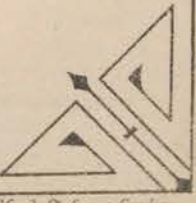
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ROBERT H. SCOTT
(SECRETARY.)



Fredk. Dangerfield, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Friday 22nd April.

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.

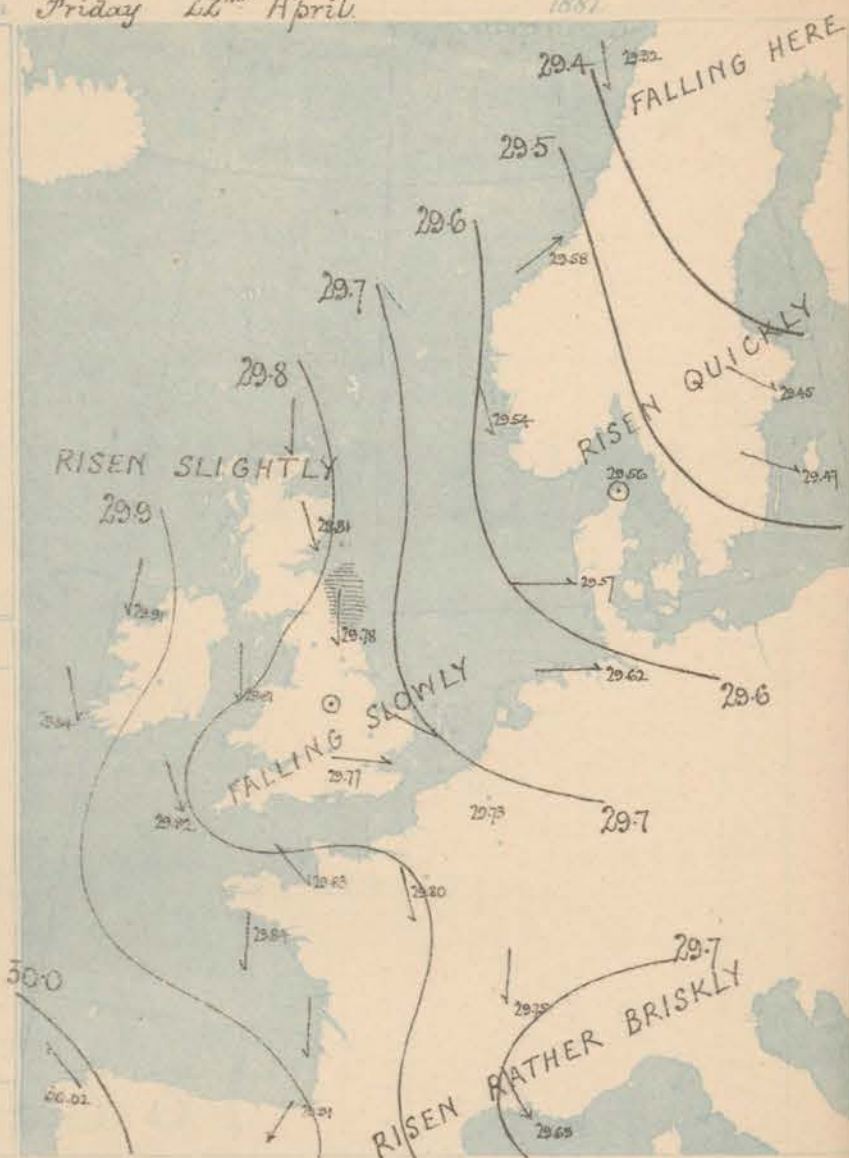
Wind. Arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→→ force 5 to 7; →→→ force 1 to 4;
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations	Mean Readings.
Nairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenacres	29.894
Holyhead	29.921
Valencia	29.929
Roch's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.940

*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.

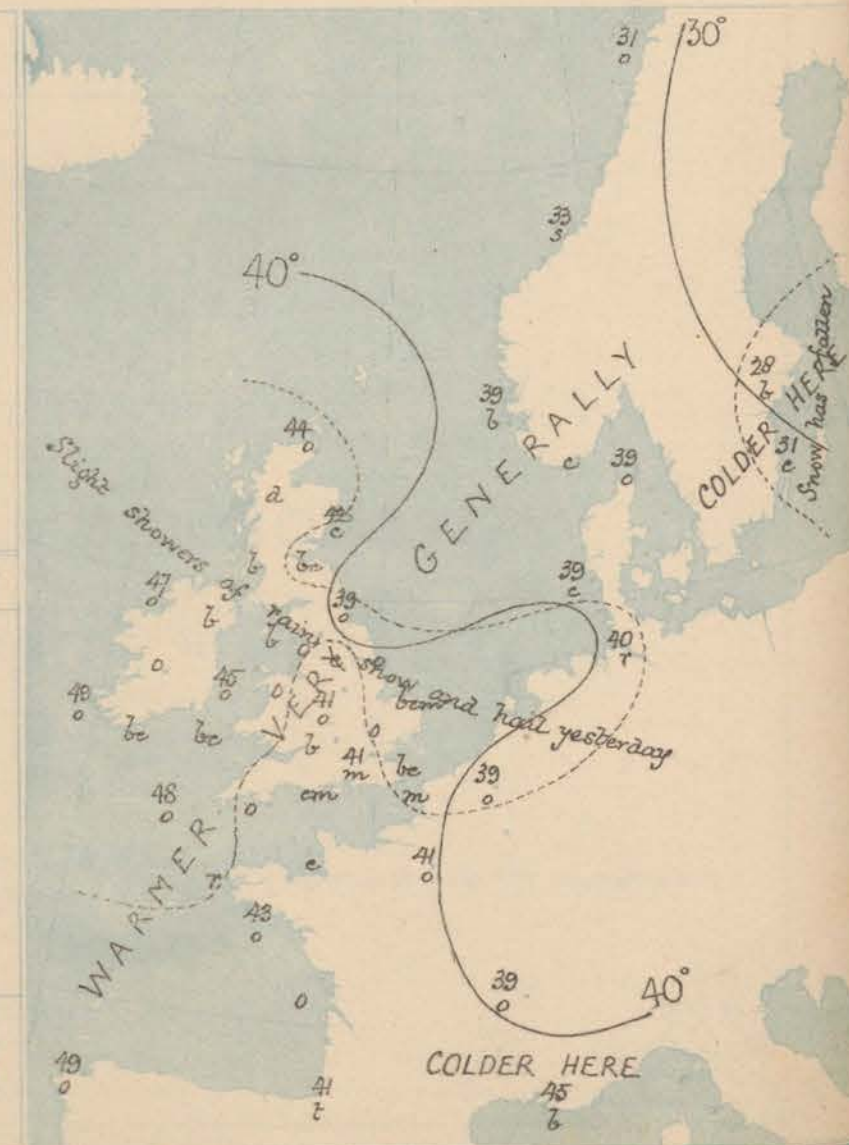
Temperature. Isotherms are drawn for each 10° Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 April

Stations	Temp	Rain-fall
Scarborough Head	42.7	1.85
Stornoway	43.9	2.87
Aberdeen	45.3	1.74
Shields	46.4	1.72
York	47.0	1.70
Millington	47.5	1.70
Holyhead	48.2	1.82
Parsonstown	48.4	1.83
Valencia	48.6	1.84
Sally (St Mary's)	49.8	2.09
Ilfracombe	49.5	1.70
Dover	48.8	1.89
LONDON	49.2	1.88
Yarmouth	47.5	1.73

*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 Friday 22nd April 1881 at 8 a.m.

Very little change indeed is noticed this morning in the relative distribution of pressure over Western Europe, beyond the advance of a very shallow secondary depression from the NWrd to the western part of England and the southern half of Wales. Under the influence of this depression the wind over our S^r counties has fallen extremely light, and in some places has backed to N. or SW., accompanied by a rise of several degrees in temperature and dry weather, but in all other parts of the Kingdom N^{ly} winds prevail with fair weather in the W., cloudy elsewhere, and slightly showery in the N. The sea is still rather rough at the mouth of the Tyne, moderate in the west, smooth at Dover and Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23rd APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	A continuation of cold N ^{ly} to NE ^{ly} winds, cloudy day and frosty night, and slight cold showers at times.		
2 SCOTLAND EAST	D°	D°	D°
3 ENGLAND N.E.	D°	D°	D°
4 ENGLAND EAST	NW ^{ly} to N ^{ly} winds, becoming colder again, slight local showers then fair.		
5 MIDLAND COUNTIES	D°	D°	D°
6 ENGLAND SOUTH	D°	D°	D°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	N ^{ly} breezes, moderate; fair, cold.		
7 ENGLAND N.W.	D°	D°	D°
8 ENGLAND S.W.	N ^{ly} breezes, strong to moderate; slight showers then fair, cold.		
9 IRELAND NORTH	Same as Nos 6 and 7.		
10 IRELAND SOUTH	D°		
WARNINGS	None Issued.		

METEOROLOGICAL OBSERVATIONS FOR

22nd APRIL

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 ...	29.31	26	NNW	6	0	29.45	+3.3	28	26	-4	NNW	2	6	*	36	?	0.08		
Wisby ...	29.31	30	NW	6	0	29.47	+4.2	31	30	-2	NNW	4	e	*	45	25	0.04		
Bodö ...	29.46	29	E	2	e	29.32	-2.9	31	30	+4	N	4	0	*	32	23	-		
Christiansund...	29.56	35	NE	1	0	29.38	-0.2	33	?	0	WSW	6	5	4	36	23	-		
†Skudesnaes ...	29.41	37	NW	6	e	29.54	+1.1	39	35	0	NNW	2	6	3	41	37	-		
Oxö (Xtiansund)...	29.38	36	SW	4	bc	29.56	+1.4	35	34	-1	NE	4	0	2	41	30	-		
Skagen (The Skaw)	29.46	36	Z	0	b	29.56	+1.9	39	38	+6	Z	0	0	0	48	30	-		
Fanö ...	29.53	37	W	2	e	29.57	+1.2	39	37	+3	W	2	0	*	43	34	-		
Cuxhaven ...	29.56	?	NW	3	e	29.62	+1.2	40	39	-1	W	1	2	*	41	34	0.02		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.63	45	N	3	e	29.83	+0.7	44	42	+3	N	3	0	3	46	33	0.05		
Nairn ...	29.69	45	NW	3	e	29.84	+0.1	41	41	+2	NW	1	d	2	47	39	0.06		
†Aberdeen ...	29.67	44	NNW	4	0	29.81	+0.5	42	40	+3	NNW	5	e	3	48	36	0.03		
Leith ...	29.69	47	N	1	e	29.84	+0.2	41	39	+1	E	1	bc	*	52	39	-		
†Shields ...	29.72	41	Z	0	0	29.78	+0.3	39	38	+2	N	3	0	5	42	36	0.03		
Spurn Head ...	29.73	40	N	4	e	29.71	0.0	42	40	+7	NNW	4	0	4	44	35	0.06		
York ...	29.77	42	N	1	e	29.76	-0.1	43	40	+5	NW	3	0	*	44	34	-		
Nottingham ...	29.78	42	N	2	0	29.78	-0.1	41	39	+3	SSW	1	0	*	46	30	-		
†Ardrossan ...	29.74	45	NW	3	0	29.83	-0.4	48	45	+7	NE	2	6	1	48	38	-		
†Mullaghmore ...	29.84	46	NNW	5	pgo	29.91	-0.4	47	44	+3	N	4	0	3	51	43	0.05		
Donaghadee ...	29.78	46	N	3	0	29.85	-0.4	45	44	+4	N	4	6	2	48	40	0.04		
Parsonstown ...	29.87	49	NW	3	0	29.91	-0.7	46	42	+5	NW	2	0	*	51	40	-		
Barrow-in-Furness	29.77	43	W	3	bc	29.75	-0.8	43	41	+5	NNE	1	6	2	49	38	-		
†Holyhead ...	29.81	43	NNW	2	e	29.81	-0.7	45	44	+4	N	3	0	2	45	40	0.07		
Liverpool (Bidston)	29.79	41	NNW	1	bc	29.79	-0.6	45	42	+6	NW	1	0	1	46	38	0.02		
†Valentia ...	29.97	49	NW	4	e	29.94	-0.7	49	47	+4	NNW	4	0	4	52	44	0.06		
Roche's Point...	29.88	48	NNW	4	e	29.88	-0.7	49	45	+5	N	4	bc	4	50	44	0.02		
Pembroke ...	29.83	42	NNW	3	e	29.74	-1.1	45	44	+7	NNE	2	bc	0	45	37	0.06		
†Scilly ...	29.91	44	NNW	4	e	29.82	-0.7	48	47	+5	NNW	5	0	4	48	40	0.08		
Prawle Point ...	29.85	42	SSW	3	e	29.78	-0.7	42	41	0	SW	2	0	2	45	35	-		
Hurst Castle ...	29.80	45	NNE	5	bc	29.77	-0.5	41	39	+3	E	1	cm	2	47	36	-		
†Dover ...	29.74	42	NNW	3	cf	29.74	+0.1	42	39	+2	NNW	3	bc	1	46	37	0.02		
†London ...	29.77	42	NNW	2	bc	29.77	-0.3	41	37	+6	W	1	m	*	46	29	-		
Oxford ...	29.79	37	NW	2	0	29.77	-0.3	42	37	+6	N	1	6	*	46	33	-		
Cambridge ...	29.75	38	NW	1	2	29.74	-0.1	38	35	+1	NW	1	0	*	45	34	0.04		
†Yarmouth ...	29.71	41	NNW	2	e	29.71	+0.2	41	39	+5	NNW	3	bc	3	42	34	0.08		
The Helder † ...	29.64	41	NNW	2	2	29.67	+0.9	40	38	+1	NNW	1	e	2	43	36	0.04		
Cape Gris Nez ...	29.79	41	NW	4	e	29.76	-0.0	41	38	+5	NW	4	m	3	48	36	0.08		
†Jersey ...	29.87	42	NNW	2	bc	29.83	-0.2	44	39	+3	NW	2	e	2	46	36	-		
Brest ...	29.90	41	E	3	0	29.85	+0.1	44	41	+7	NW	1	2	3	48	36	-		
Lorient ...	29.82	43	NE	5	0	29.84	+0.5	43	37	+4	N	4	e	2	46	36	-		
†Rocheport ...	29.80	48	NE	5	0	29.86	+1.1	43	39	+2	NNE	4	0	2	?	?	-		
Biarritz ...	29.79	49	N	7	c	29.91	+2.2	41	39	-4	NE	5	5	3	55	36	0.12		
Corunna ...	*	*	*	*	*	30.02	+2.2	49	*	-3	SE	1	0	1	*	*	*		
Brussels ...	*	*	*	*	*	29.73	+0.5	39	38	+1	SW	3	0	*	45	36	0.04		
Charleville ...														*					
Paris ...	29.77	45	NNW	4	0	29.80	+0.4	41	38	+1	NNW	3	0	*	*	*	-		
Lyons ...	29.66	46	N	1	0	29.75	+1.3	39	33	+2	N	5	0	*	51	37	-		
Toulon ...	29.56	62	W	8	0	29.69	+2.4	45	39	-7	NW	7	6	4	61	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.51	38	W	5	c	28.35	-0.2	37	35	+6	N	3	0	*	41	30	-		

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

Hawes Junction	28.51	38	W	5	c		28.53	-0.2	37	35	+6	N	3	0	*	41	30	-
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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 ...	29.40	41	36	NW	6	bc	4	Valentia ...	30.00	51	46	NNW	4	bc	5
Sumburgh Head								Scilly ...	29.91	44	41	NNE	4	0	2
Stornoway ...								Dover ..	29.74	44	39	N	3	bc	1
Aberdeen ...	29.69	46	41	NNW	5	c	5	London ...	29.78	43	39	NW	3	ops	*
Shields ...	29.76	41	39	N	4	0	6	Yarmouth ...	29.70	42	38	NNW	2	bc	3
Ardrossan ...	29.78	45	44	NW	3	0	2	Jersey ...	29.88	44	38	N	3	bc	3
Mullaghmore ...	29.91	48	45	NW	4	op	4	Rocheport ...	29.78	50	43	NNE	3	0	2
Holyhead ...	29.87	44	39	NNW	3	c	2								

Hardly any change has occurred since the morning.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 23RD APRIL. —

1881.

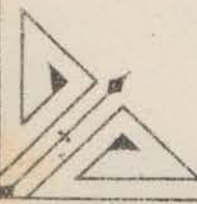
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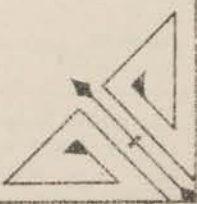
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ROBERT H. SCOTT

(SECRETARY.)



Fred. D. Doughty, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 23RD April. 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.

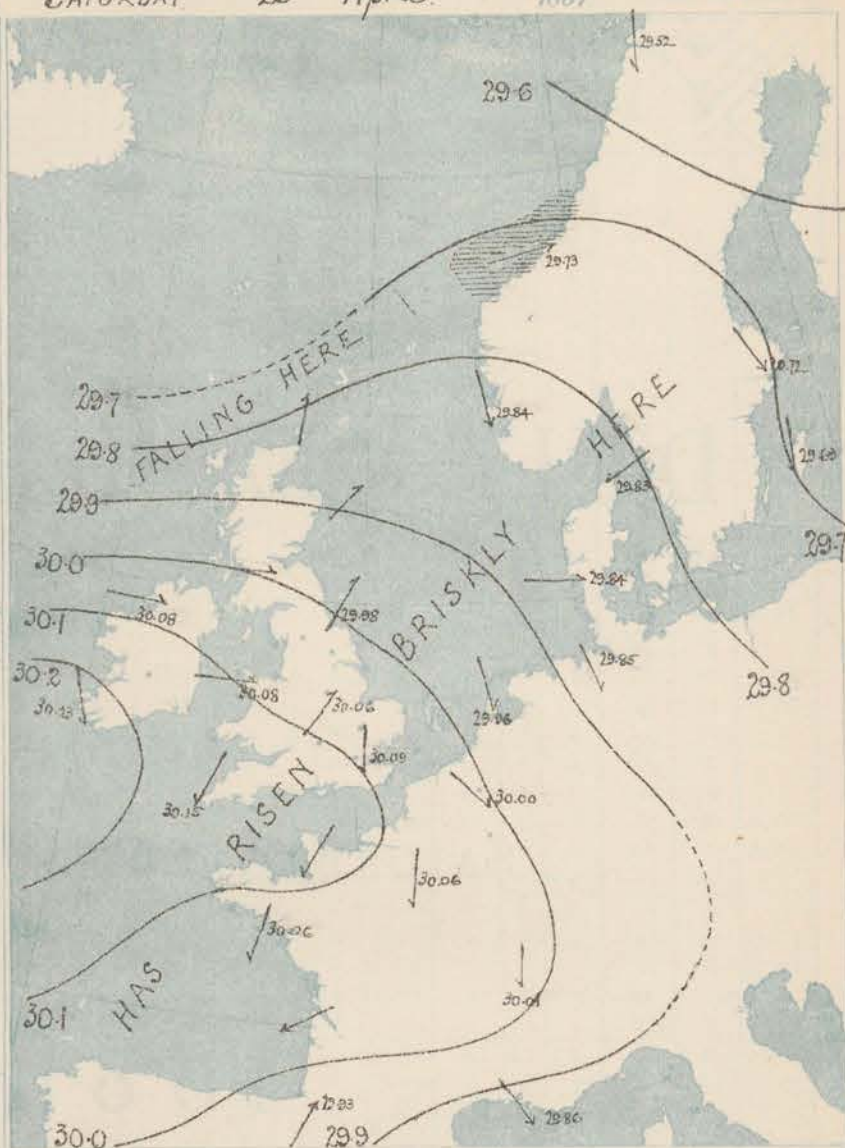
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
* forces above 10; * forces 8 to 10
* forces 5 to 7; * forces 1 to 4;
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations	Mean Readings In.
Nairn	29.856
Aberdeen	29.861
Leith	29.884
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.923
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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.

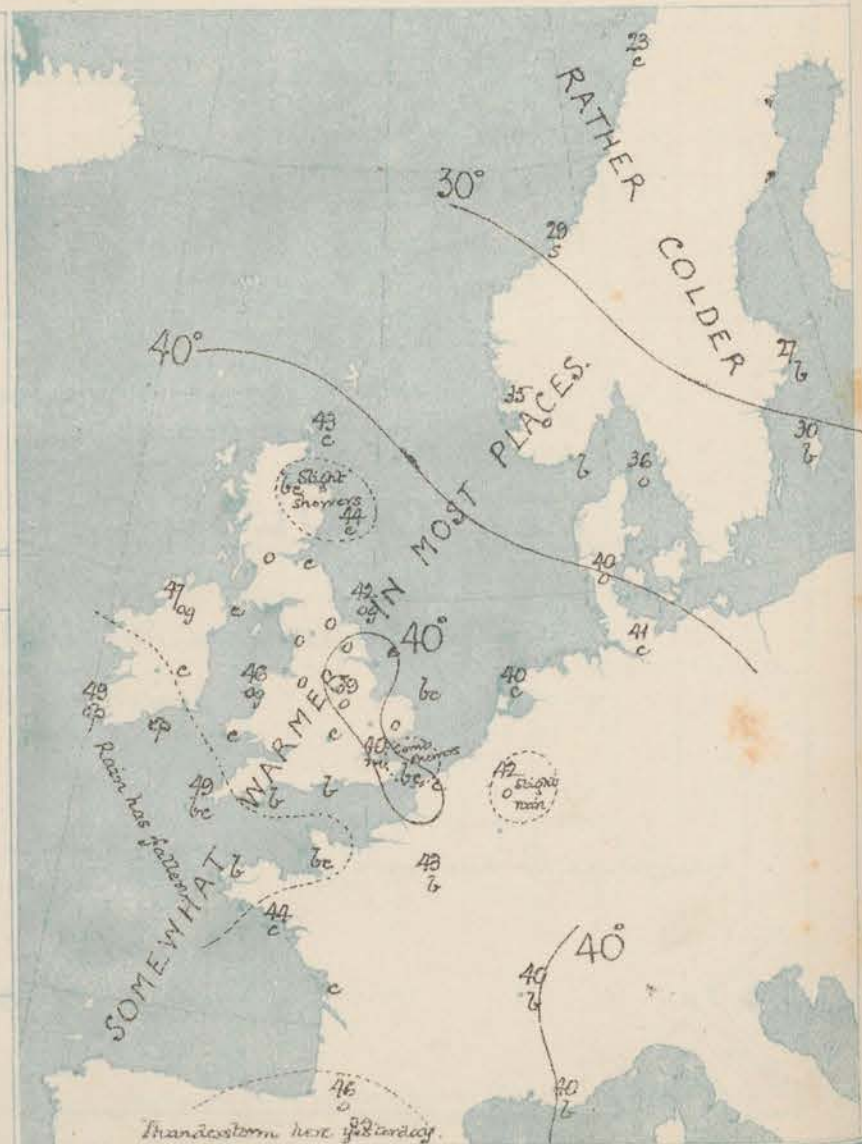
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 April

Stations	Temp	Rain-fall.
Sandburgh Head	42.7	1.85
Stornoway	43.9	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.52
York	47.0	1.70
Mallochmore	47.5	0
Holyhead	48.2	1.67
Parsonstown	48.5	1.95
Valentia	49.3	3.64
Sally (St Mary's)	49.5	2.01
Ilfracombe	49.5	0
Dover	49.8	1.88
LONDON	49.2	1.48
Yarmouth	49.3	1.73

* 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 Saturday 23rd April 1881 at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise over the whole of England and France, but during this night a slight fall has taken place in Scotland. Pressure is now highest off our south-west coast, lowest over the Mediterranean and the northern parts of Scandinavia. Thus, while NE^y breezes and fine cold weather prevail in all the southern districts, W^y to SW^y winds are appearing over the northern parts of the Kingdom, and are also accompanied by fine weather. The sea is smooth or nearly so on all our coasts.

From the suddenness and very local character of the fall of the barometer in the N., and the fact that the wind has backed very quickly to SW and S. in the north of Scotland; it appears likely that a small depression is approaching our northern coasts from the NWrd and that as it passes off the wind will veer again with cold showers. We may, however, hope that a change to milder weather is approaching us.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

24th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

SW^y winds, light to moderate; mild; then W^y to NW^y, strong, colder, showery.

2 SCOTLAND EAST

D° D° D°

3 ENGLAND N.E.

Wind backing to Wrd with milder weather, but afterwards veering again with colder and less settled weather.

4 ENGLAND EAST

D° D° D°

5 MIDLAND COUNTIES

D° D° D°

6 ENGLAND SOUTH

W^y and W^y winds and back again, light, fine, night very cold inland.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

W^y to NW^y breezes, moderate to fresh; changeable, some showers.

7 ENGLAND N.W.

D° D° D°

8 ENGLAND S.W.

NE^y breezes, moderate, fine, cold.

9 IRELAND NORTH

Same as Nos 6 and 7.

10 IRELAND SOUTH

NW^y winds, moderate; fair.

WARNINGS

None Issued.

METEOROLOGICAL OBSERVATIONS FOR

23rd APRIL

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 ...	29.49	35	N	2	0	29.72	+ 2.4	24	23	- 1	NW	6	6	*	41	19	-
Wisby ...	29.59	32	N	4	2	29.69	+ 2.2	20	24	- 4	N	4	6	*	46	21	-
Bodö ...	29.49	25	N	4	0	29.52	+ 2.0	28	21	- 7	N	2	0	2	32	49	-
Christiansund ...	29.78	30	N	6	6c	29.73	+ 1.5	29	29	- 4	WSW	5	5	5	34	19	-
†Skudesnaes ...	29.73	38	NW	7	6	29.72	+ 3.0	35	31	- 4	NNW	6	0	3	43	?	-
Oxö (Xlansund) ...	29.84	39	SW	4	6c	29.82	+ 2.3	37	33	+ 2	NE	4	6	2	39	34	-
Skagen (The Skaw) ...	29.67	36	N	3	8	29.68	+ 2.4	36	34	- 3	ENE	4	0	4	46	34	-
Fanö ...	29.74	34	NW	2	6c	29.74	+ 2.7	40	37	+ 1	N	2	0	*	43	30	-
Cuxhaven ...	29.75	50	NW	2	c	29.85	+ 2.3	41	40	+ 1	NW	4	c	*	?	36	-
†Sumburgh Head ...																	
†Stornoway ...																	
Wick ...	29.97	43	N	3	6c	29.82	+ 0.1	43	40	- 1	S	1	0	3	48	30	-
Nairn ...	29.96	45	N	1	6c	29.82	+ 0.4	42	49	+ 2	WSW	1	6W	1	48	37	0.01
†Aberdeen ...	29.95	45	N	5	6c	29.90	+ 0.9	44	41	+ 2	SW	4	0	2	48	34	0.01
Leith ...	29.96	44	E	1	6	29.94	+ 1.0	44	41	+ 3	NW	1	0	*	51	36	-
†Shields ...	29.94	42	N	2	6	29.93	+ 2.0	42	49	+ 3	SW	1	09	2	45	32	-
Spurn Head ...	29.90	41	N	5	c	30.03	+ 3.2	40	39	- 2	NNW	2	c	3	43	34	0.01
York ...	29.93	44	NNW	3	0	30.03	+ 2.7	39	37	- 4	S	1	0	*	46	30	-
Nottingham ...	29.95	44	NNE	5	c	30.06	+ 2.8	39	36	- 2	SW	2	0	*	49	32	-
†Ardrossan ...	29.92	49	NNW	4	6	29.97	+ 1.4	45	44	- 3	N	2	0	2	56	38	-
†Mullaghmore ...	30.04	49	N	5	6	30.01	+ 1.7	47	45	0	N	4	09	3	55	46	-
Donaghadee ...	29.98	48	N	4	6	30.04	+ 1.9	47	42	+ 2	N	4	c	2	52	36	-
Parsonstown ...	30.01	54	NW	2	c	30.15	+ 2.3	47	45	+ 1	NW	5	c	*	57	33	-
Barrow-in-Furness ...	29.93	50	NNW	2	6c	30.04	+ 2.9	46	42	+ 1	NW	3	0	2	57	42	-
†Holyhead ...	29.97	46	N	3	6	30.02	+ 2.7	46	44	+ 1	N	2	09	1	48	42	-
Liverpool (Bidston) ...	29.94	42	NW	1	6c	30.06	+ 2.7	46	45	- 1	N	3	0	1	51	39	-
†Valentia ...	30.08	51	NNW	3	c	30.23	+ 2.9	49	46	0	NNW	3	09	3	56	46	0.01
Roche's Point ...	30.03	53	N	4	6c	30.18	+ 3.0	48	46	- 1	NW	3	09	3	58	40	-
Pembroke ...	29.93	47	N	4	6	30.10	+ 3.6	45	44	0	NNW	1	c	0	50	39	-
†Scilly ...	29.95	49	N	6	6c	30.15	+ 3.3	49	48	+ 1	NNE	3	6c	2	49	44	0.03
Frawle Point ...	29.91	47	NNE	1	6c	30.14	+ 3.6	45	42	+ 3	NW	1	6	1	48	34	0.12
Hurst Castle ...	29.86	43	NE	3	c	30.11	+ 3.4	45	41	+ 4	NE	1	6	2	50	33	-
†Dover ...	29.83	43	N	2	6c	30.06	+ 3.2	40	34	- 2	N	3	6c	1	51	36	0.05
†London ...	29.89	43	N	3	6c	30.09	+ 3.2	40	37	- 1	N	1	N	*	52	36	0.01
Oxford ...	29.95	42	N	3	c	30.10	+ 3.3	41	37	- 1	N	1	c	*	49	33	-
Cambridge ...	29.89	42	N	2	c	30.06	+ 3.2	41	38	+ 3	NNW	1	0	*	45	33	0.02
†Yarmouth ...	29.83	41	N	4	c	30.02	+ 3.1	42	39	+ 1	NNW	2	6c	3	45	37	0.01
The Helder ...	29.81	41	NNW	2	c	29.96	+ 2.9	40	37	0	NNW	2	c	2	45	39	-
Cape Gris Nez ...	29.84	45	NW	3	0	30.03	+ 2.7	40	34	- 1	NE	5	c	3	52	34	0.16
†Jersey ...	29.91	44	NNE	1	6	30.15	+ 3.2	45	41	+ 1	NE	3	6c	3	47	39	0.03
Brest ...	29.88	49	N	4	0	30.10	+ 2.5	44	43	0	NE	3	6	2	50	34	0.05
Lorient ...	29.86	47	NNW	1	c	30.06	+ 2.4	44	41	+ 1	NNE	4	0	2	45	34	-
†Rochefort ...	29.89	49	NNW	4	0	30.03	+ 1.7	44	41	+ 1	ENE	5	c	2	54	34	-
Biarritz ...	29.91	49	SW	5	6	29.93	+ 0.2	45	43	+ 2	SW	5	0	3	52	36	0.91
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels ...	*	*	*	*	*	30.00	+ 2.7	42	38	+ 3	NW	3	0	*	46	?	0.04
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Paris ...	30.04	43	NW	3	0	30.06	+ 2.6	43	40	+ 2	N	5	0	*	*	*	0.04
Lyons ...	30.04	40	NNW	1	6c	30.01	+ 2.5	38	32	- 1	N	1	c	*	46	33	-
Toulon ...	29.93	46	NW	8	6	29.86	+ 1.7	40	36	- 5	NW	7	6	4	50	37	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction ...	28.64	43	N	6	6c	28.75	+ 2.2	37	37	0	N	2	0	*	46	29	-

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

	Bar.	Dry.	Wet.	Wind.	Weg.	Sea.		Bar.	Dry.	Wet.	Wind.	Weg.	Sea.	
Skudesnaes ...	29.65	43	37	NW	7	c	3	Valentia ...	30.02	53	50	N	4	5
Sumburgh Head ...								Scilly ...	29.88	49	48	N	6	4
Stornoway ...								Dover ..	29.77	49	46	N	2	60
Aberdeen ...	29.91	46	42	N	2	c	3	London ...	29.80	47	44	NNW	4	09
Shields ...	29.88	44	41	N	4	c	5	Yarmouth ...	29.75	45	42	NNW	2	0
Ardrossan ...	29.90	53	57	SW	1	c	3	Jersey ...	29.86	45	43	N	2	0
Mullaghmore ...	30.00	54	49	N	4	6c	3	Rochefort ...	29.84	49	45	N	4	0
Holyhead ...	29.92	47	44	N	3	c	2							

The wind has again become N all over the country with cold unpleasant weather, and there is no indication of any improvement at present.

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 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

SUNDAY, 24TH APRIL.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by D. B. D. at the Office of the Secretary, 116, Victoria St. S. W.

WEATHER CHARTS

for 8 a.m. on Sunday 24th April.

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.

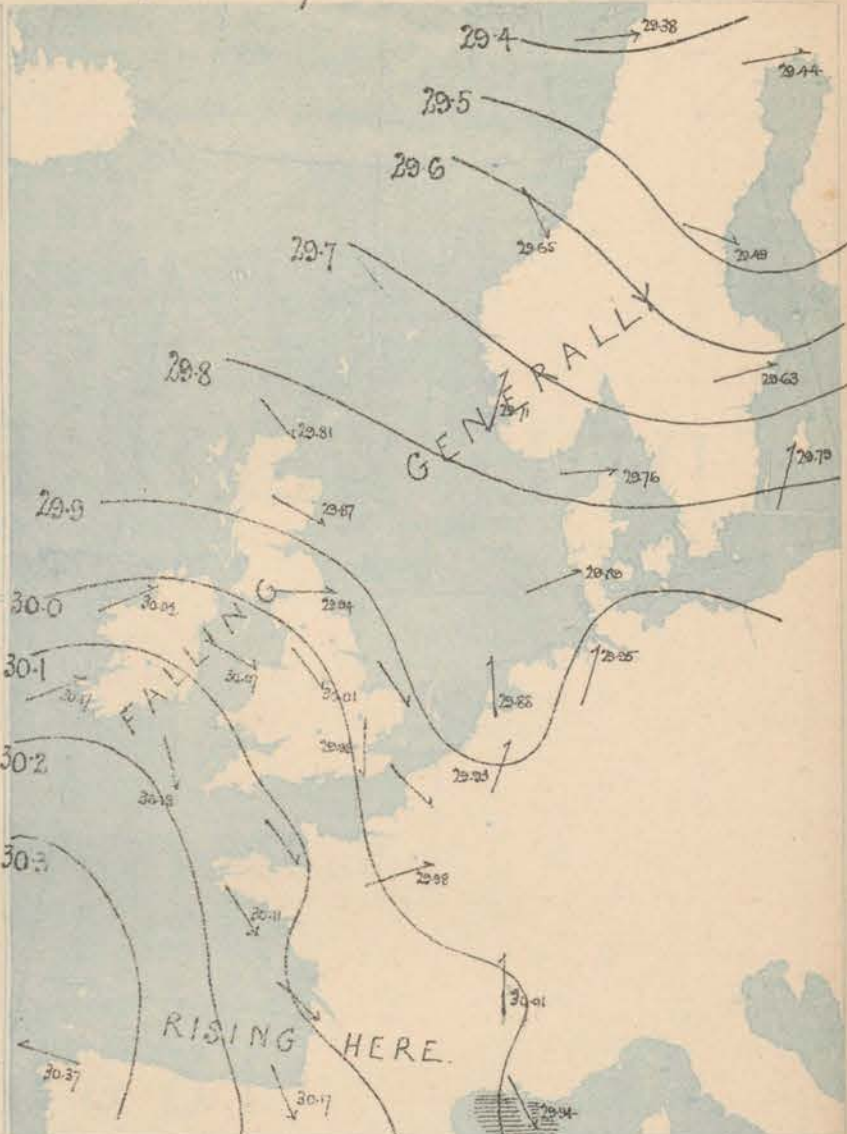
Sea Disturbance; where considerable is shown by shading round the coast thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings
Nairn	29.866
Aberdeen	29.861
Leith	29.804
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.927
Valencia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.945

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.

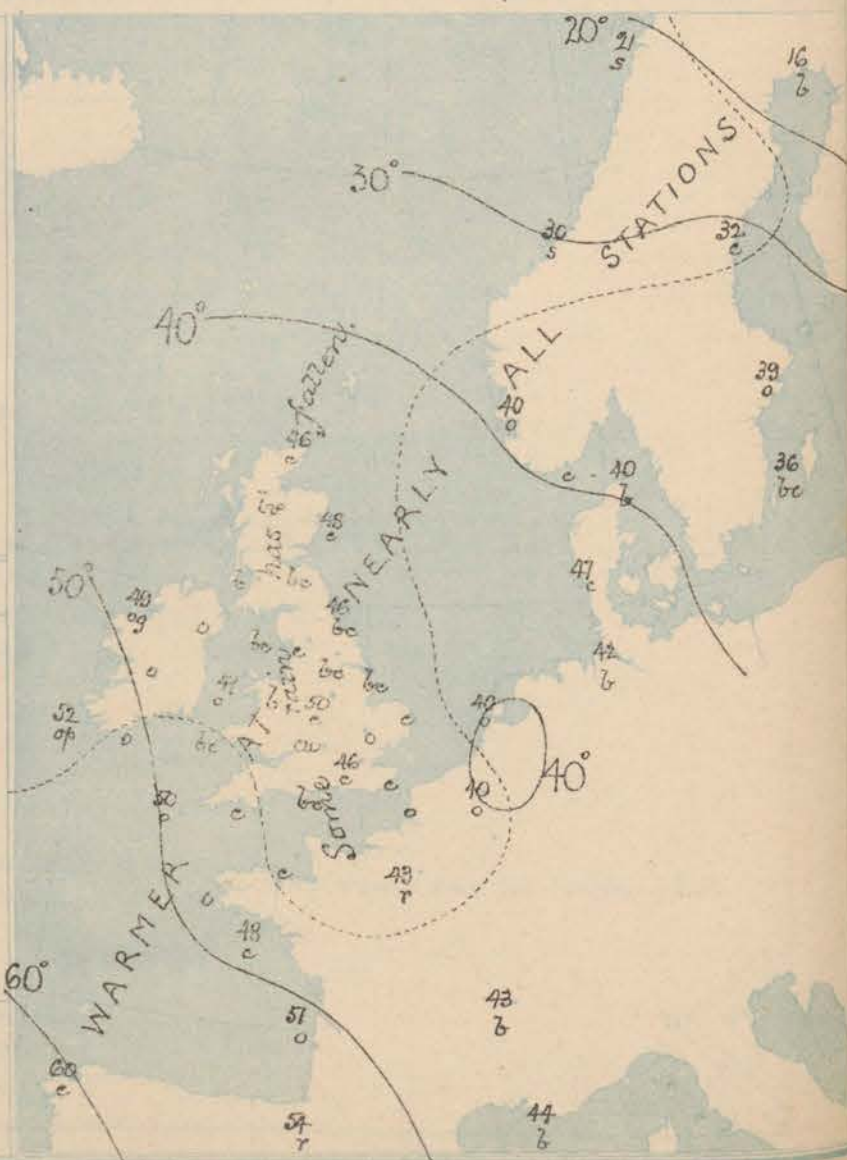
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of April

Stations	Temp.	Rain-fall
Sumburgh Head	42.7	1.88
Sternway	43.9	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	?
Holyhead	48.2	1.07
Portsmouth	48.6	1.95
Valencia	49.6	1.68
Sally (St Mary's)	51.8	2.01
Hurst Castle	49.5	?
Dover	48.8	1.89
LONDON	49.2	1.48
Yarmouth	47.6	1.73

* 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 25th April 1881 at 8 a.m.

During the past night a slight increase of pressure has occurred over Great Britain but in all other places a decrease has taken place. A large area of low pressure lies over the north of Scandinavia, while small subsidiary depressions are shown - one passing Snd down the North Sea and a second lying near Rochefort, while a fresh disturbance is apparently approaching our western coast from the Atlantic. The wind is Nth and S^Wth over Norway and Sweden owing to the large depression in the far N., N^Wth over nearly the whole of these Islands and France, but S^Wth in Ireland under the influence of the advancing depression. In our neighbourhood it is light or moderate in force. Temperature has risen in nearly all places - the change over Central England being considerable - and readings range from 52° in the S^W to 44° in the S^E. The weather is fine all over the more Nth parts of the Kingdom, but is cloudy or dull elsewhere with showers in the S^W. The sea is moderate to smooth on our 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

NONE ISSUED

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

WARM NCS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 24TH APRIL 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETEE.		SHADE TEMP.			WIND.		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).		Weather.	Max.		Min.		
Haparanda	29.45	14	NE	2	b	29.44	+ .07	10	12	—	3	W	2	b	*	24	12	—	
Hernösand	29.59	29	SW	2	o	29.49	— .17	32	28	+	0	NNW	4	c	*	36	18	0.04	
Stockholm	29.80	31	SW	4	b	29.63	— .09	39	34	+	12	W	4	o	*	?	25	—	
Wisby	29.82	29	WSW	4	b	29.74	— .10	36	34	+	6	WSW	4	bc	*	43	23	—	
Bodö	29.42	24	SW	4	c	29.38	— .14	21	20	—	2	W	6	s	4	27	19	—	
Christiansund	29.47	36	WSW	8	r	29.65	— .08	30	28	+	1	NNW	6	s	4	26	19	0.08	
†Skudesnaes	29.79	38	SW	2	o	29.71	— .13	40	39	+	5	SSW	2	o	3	45	?	—	
Öxö (Christiansund)	29.80	37	SW	2	o	29.77	— .07	38	35	+	1	SW	4	c	2	41	34	—	
Skagen (The Skaw)	29.80	39	SSW	2	b	29.76	— .07	40	36	+	4	W	5	b	4	43	34	—	
Fanö	29.86	39	WSW	4	c	29.80	— .05	47	42	+	7	WSW	4	c	*	?	37	—	
Cuxhaven	29.90	30	NNW	2	o	29.95	— .10	42	40	+	1	SSW	1	b	*	?	36	—	
†Sumburgh Head																			
†Stornoway																			
Wick	29.73	46	NNW	4	c	29.81	— .01	46	44	+	3	NNW	3	c	3	48	35	0.07	
Nairn	29.78	46	WSW	1	o	29.86	— .02	45	41	+	2	Z	0	bc	1	50	40	0.07	
†Aberdeen	29.76	47	NNW	3	bc	29.87	— .03	48	44	+	4	NNW	3	c	2	49	37	0.05	
Leith	29.86	47	W	1	bc	29.93	— .01	48	44	+	4	W	1	bc	*	50	38	0.08	
†Shields	29.78	46	W	2	r	29.94	— .04	46	43	+	4	W	2	bc	2	50	38	0.16	
Spurn Head	29.87	44	WSW	4	r	29.96	— .07	47	45	+	7	NNW	4	bc	4	47	37	0.14	
York	29.86	45	W	1	r	29.98	— .05	48	44	+	9	W	1	bc	*	51	38	0.15	
Nottingham	29.93	45	W	3	r	30.01	— .05	50	45	+	11	NNW	2	c	*	53	38	0.08	
†Ardrossan	29.82	47	NNW	4	b	29.96	— .01	48	47	+	3	SW	2	b	1	48	42	0.14	
†Mullaghmore	30.05	49	NNW	6	c	30.02	— .06	49	48	+	2	SW	4	bc	4	52	46	0.03	
Donaghadee	29.93	47	W	5	c	30.03	— .01	47	45	+	0	W	4	o	2	52	44	0.07	
Parsonstown	30.09	52	W	3	c	30.11	— .02	48	47	+	1	W	1	o	*	56	44	0.01	
Barrow-in-Furness	29.88	45	W	4	o	30.00	— .04	45	44	+	1	NNW	3	bc	3	48	40	0.13	
†Holyhead	29.97	47	NNW	4	b	30.07	— .01	47	45	+	1	NNW	3	o	2	50	45	0.03	
Liverpool (Bidston)	29.92	45	W	5	bc	30.02	— .04	46	44	+	2	W	4	b	1	51	44	0.03	
†Valentia	30.22	50	NNW	4	o	30.17	— .06	52	50	+	3	WSW	3	o	4	57	47	0.04	
Roche's Point	30.14	50	NNW	5	o	30.16	— .02	50	48	+	2	W	3	o	3	55	46	—	
Pembroke	30.01	47	WSW	4	o	30.09	— .01	47	45	+	2	NNW	2	bc	0	50	44	—	
†Scilly	30.18	50	NNW	5	o	30.18	— .03	50	50	+	1	NNW	5	o	4	53	45	—	
Prawle Point	30.10	48	W	4	o	30.10	— .04	50	48	+	5	NNW	2	c	1	50	40	0.01	
Hurst Castle	30.02	47	NNW	3	c	30.02	— .09	48	46	+	3	NE	4	bc	3	50	40	—	
†Dover	30.00	43	SW	4	c	29.95	— .11	44	42	+	4	N	4	c	2	48	40	0.08	
†London	29.95	51	W	1	c	29.98	— .11	46	43	+	6	N	2	c	*	58	40	0.11	
Oxford	29.95	46	NNW	3	o	30.02	— .08	47	44	+	6	NNW	3	bc	*	62	40	0.11	
Cambridge	29.91	50	W	1	o	29.98	— .08	47	45	+	6	N	1	o	*	64	40	0.09	
†Yarmouth	29.91	45	SSW	2	o	29.93	— .09	44	42	+	2	NNW	3	c	3	47	40	0.15	
The Helder	29.93	42	SW	1	o	29.88	— .08	40	39	+	0	S	1	o	1	45	39	—	
Cape Gris Nez	30.04	43	WSW	5	b	29.91	— .12	44	44	+	4	NNW	4	o	3	52	39	0.08	
†Jersey	30.16	46	W	3	b	30.12	— .03	49	46	+	4	NNW	4	c	3	50	43	0.01	
Brest	30.21	49	N	3	m	30.17	— .07	49	46	+	5	N	5	o	3	52	43	—	
Lorient	30.12	54	W	4	b	30.11	— .05	48	45	+	4	NNW	7	c	3	59	37	—	
†Rochefort	30.12	52	NNW	7	bc	30.09	— .06	51	46	+	7	NNW	5	o	2	61	39	—	
Biarritz	30.15	53	N	7	bc	30.17	— .24	54	46	+	8	NNW	7	r	3	55	41	0.12	
Corunna	*	*	*	*	*	30.37	— .28	60	*	+	6	E	1	c	1	*	*	*	
Brussels	*	*	*	*	*	29.91	— .09	40	39	—	2	SSW	3	o	*	47	38	0.16	
Charleville																			
Paris	30.06	49	NNW	3	o	29.98	— .08	43	42	+	0	WSW	4	r	*	*	*	0.20	
Lyons	30.03	46	NNW	3	c	30.01	— .00	43	40	+	5	S	1	o	*	51	33	—	
Toulon	29.74	52	W	6	b	29.94	— .08	44	38	+	4	NNW	5	b	6	57	39	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.58	39	WSW	5	r	28.73	— .02	41	39	+	4	W	3	o	*	44	37	0.31	

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.82	44	37	SW	2	o	3	Valentia ...	30.23	55	52	NNW	4	cm	4
Sumburgh Head								Scilly ...	30.19	51	50	NN	5	c	4
Stornoway ...								Dover ..	30.06	46	41	ESE	2	b	1
Aberdeen ...	29.77	45	43	NW	4	r	2	London ...	30.04	52	48	W	1	o	*
Shields ...	29.86	50	45	W	3	o	2	Yarmouth ...	30.00	43	41	SE	3	c	3
Ardrossan ...	29.89	47	46	N	2	r	2	Jersey ...	30.19	50	44	NNW	2	b	2
Mullaghmore ...	30.03	50	47	NNW	6	cg	6	Rochefort ...	30.09	56	45	NNE	4	c	4
Holyhead...	30.02	48	41	WSW	3	o	2								

The barometer is now falling somewhat irregularly in all parts of Great Britain, and shallow ebbing depression are appearing, accompanied by milder weather, but an overcast sky, and rather unsettled appearance.

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. 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

MONDAY, 25TH APRIL.

1881.

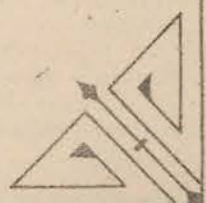

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ROBERT H. SCOTT
(SECRETARY.)

Fred^o Dangerfield, Lith. 22, Bedford St. Green Garden.

WEATHER CHARTS

for 8 a.m. on Monday. 25TH APRIL.

1881

BAROMETER, WIND & SEA

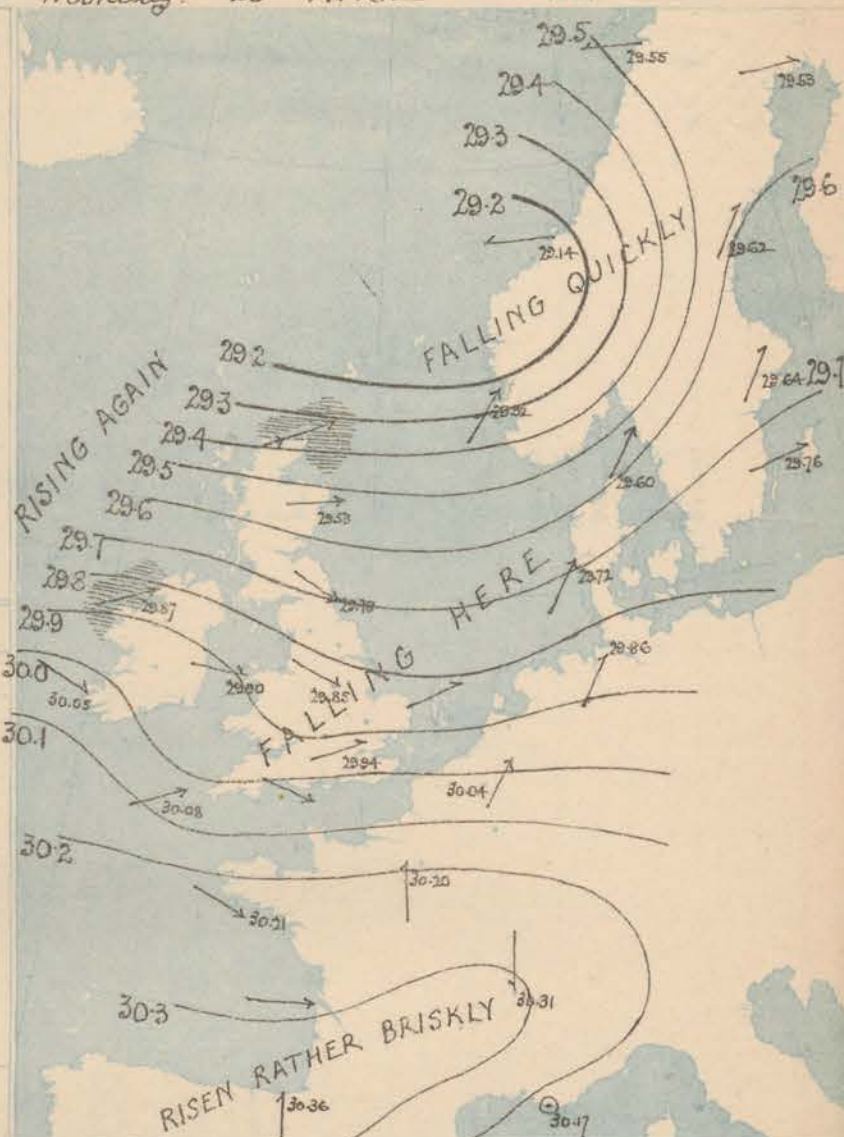
Explanation of Map

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 April

Stations.	Mean Readings.
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.927
Valencia	29.929
Rochy's Pt.	29.958
Plymouth	29.970
LONDON	29.966
Farmouth	29.956

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

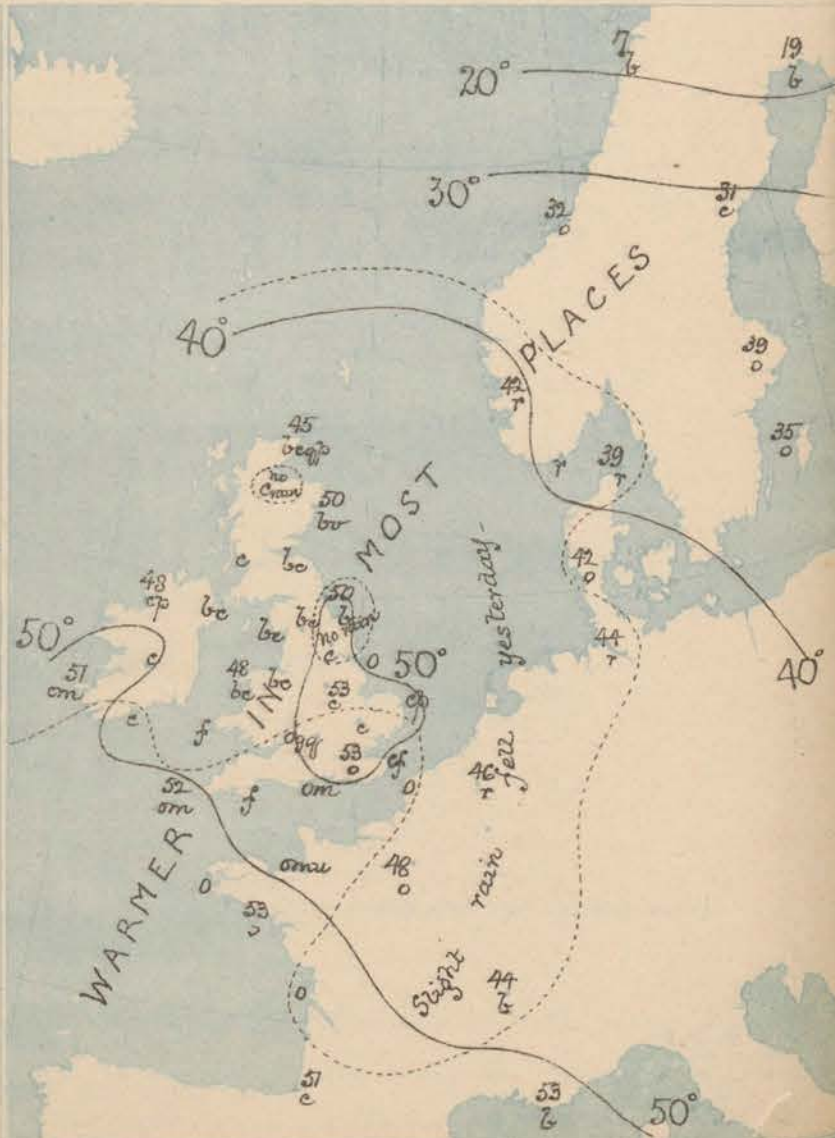
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls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

MEANS* OF TEMPERATURE AND RAINFALL

for the month of April

Stations	Temp.	Rain-fall
		in.
Swinburgh Head	42.7	1.85
Stornoway	41.9	2.87
Aberdeen	45.3	2.14
Shields	46.1	1.72
York	47.0	1.70
Mullaghmore	47.5	1.87
Holyhead	46.2	1.87
Paranstown	48.6	1.95
Valencia	49.7	1.61
Sally (St Mary's)	51.8	1.01
Hurst Castle	49.5	1.89
Dover	48.8	1.48
LONDON	49.2	1.48
Farmouth	47.5	1.73

* 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 Monday 25th April 1881 at 8 a.m.

In the course of the past night a large depression has advanced to the west coast of Norway from the Atlantic, causing the barometer to fall considerably at all our northern stations, while it has continued to rise over the Bay of Biscay. W^{ly} winds have thus become general over the United Kingdom, and are strong to a gale in force over the northern districts fresh and gusty in the south, while on the Eⁿ shores of the North Sea the wind is nearly S^W, and in the north-west of Norway E^{ly}. Temperature has risen in most places, and the air is much more genial than it has been of late. The sky is clear at many of our more northern stations, cloudy or dull elsewhere, with fog in some places, showers in others. The sea is moderate or rather rough at all the southern stations. It is probable that some subsidiary disturbances will pass over the country in the next 24 hours, and that some showers will be felt in most places with mild weather.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th APRIL

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^{ly} breezes, varying in force from a gale to a strong breeze; changeable, showery.		
2 SCOTLAND EAST	D°	D°	D°
3 ENGLAND N.E.	D°	D°	D°
4 ENGLAND EAST	W ^{ly} breezes, fresh to strong; gusty, some showers, sky dull at times then clear.		
5 MIDLAND COUNTIES	D°	D°	D°
6 ENGLAND SOUTH	D°	D°	D°

6 SCOTLAND WEST	SW ^{ly} to NN ^{ly} winds, fresh to a gale; gusty, showery.		
7 ENGLAND N.W.	D°	D°	D°
8 ENGLAND S.W.	W ^{ly} breezes, fresh to strong; cloudy, some local showers.		
9 IRELAND NORTH	Same as N° 6 and 7		
10 IRELAND SOUTH	Same as N° 8.		
WARNINGS	The south cone was hoisted last evening in districts N° 0 and 1 and 6 to 10.		

METEOROLOGICAL OBSERVATIONS FOR

25th APRIL

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.									
			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.	Amount of Rainfall.							
Haparanda ...	29.49	15	W	2	bc	29.53	+0.9	19	17	+3	W	2	bc	*	28	5	-							
Hernösand ...	29.83	28	Z	0	bc	29.52	+1.3	31	24	-7	SW	2	c	*	37	23	-							
Stockholm ...	29.67	23	WSW	2	bc	29.64	+1.21	39	36	-3	SW	2	o	*	45	28	-							
Wisby ...	29.76	37	W	6	bc	29.76	-0.8	42	29	+13	WSW	4	o	*	?	?	-							
Bodö ...	29.52	17	E	2	bc	29.55	+1.7	17	16	-1	W	2	bc	1	25	12	-							
Christiansund ...	29.65	31	W	4	o	29.74	-5.1	32	31	+1	E	4	o	3	32	21	0.43							
†Skudesnaes ...	29.73	39	ESE	2	bc	29.82	-3.9	42	41	+1	SW	2	bc	4	48	39	-							
Oxö (Xiansund) ...	29.76	39	S	4	o	29.50	-2.7	39	39	+0	S	6	bc	3	45	37	0.12							
Skagen (The Skaw) ...	29.77	41	W	5	o	29.60	-1.6	39	39	+0	SW	5	bc	4	43	39	0.08							
Fanö ...	29.90	41	WSW	4	o	29.72	-1.7	42	41	+1	SW	6	o	*	43	34	-							
Cuxhaven ...	29.94	?	WSW	1	o	29.86	-0.9	44	42	+2	SW	3	bc	*	48	36	0.01							
†Samburgh Head ...																								
†Stornoway ...																								
Wick ...	29.57	46	SSW	3	o	29.38	-4.3	45	43	-2	WSW	8	bc	5	50	38	0.10							
Nairn ...	29.58	50	WSW	3	o	29.50	-3.6	45	43	-2	W	6	bc	3	53	42	-							
†Aberdeen ...	29.69	48	SSW	3	bc	29.53	-3.4	50	44	+6	W	6	bc	2	56	43	0.05							
Leith ...	29.49	53	W	4	bc	29.64	-2.9	46	45	-1	NW	4	bc	*	56	43	0.02							
†Shields ...	29.86	52	W	2	o	29.70	-2.4	50	46	+4	WNW	5	bc	2	57	45	-							
Spurn Head ...	29.97	49	W	3	bc	29.79	-1.7	48	47	+1	WSW	3	o	3	50	44	0.02							
York ...	29.97	51	W	3	bc	29.77	-2.1	52	46	+6	W	3	bc	*	59	42	-							
Nottingham ...	30.00	53	SW	2	bc	29.85	-1.6	53	51	+2	WNW	3	bc	*	59	46	0.01							
†Ardrossan ...	29.31	50	SW	2	o	29.73	-2.3	46	45	-1	W	4	bc	3	50	44	0.04							
†Mullaghmore ...	29.23	50	SW	3	bc	29.34	-1.8	48	45	+3	WSW	5	bc	5	55	47	0.11							
Donaghadee ...	29.84	53	SW	4	o	29.32	-2.1	50	46	+4	WSW	4	bc	2	56	45	0.01							
Parsonstown ...	29.93	52	WSW	3	o	29.97	-1.4	50	47	+3	W	2	bc	*	56	46	0.04							
Barrow-in-Furness ...	29.96	47	SW	5	o	29.80	-2.0	47	45	+2	W	3	bc	4	53	44	0.03							
†Holyhead ...	29.98	48	W	4	bc	29.90	-1.7	48	46	+2	W	4	bc	3	51	46	0.01							
Liverpool (Birkenhead) ...	29.98	50	SW	4	bc	29.86	-1.6	47	45	+2	W	4	bc	1	54	46	0.05							
†Valentia ...	30.04	52	SW	5	bc	30.05	-1.2	51	50	-1	WNW	3	bc	3	58	48	0.04							
Roche's Point ...	30.08	52	W	4	bc	30.00	-1.6	49	45	+4	NW	4	bc	4	47	48	-							
Pembroke ...	30.05	47	WSW	4	o	29.91	-1.8	47	47	0	WSW	2	bc	3	50	45	0.02							
†Scilly ...	30.20	52	W	5	o	30.08	-1.0	52	52	0	WSW	5	bc	4	54	49	-							
Prawle Point ...	30.16	49	W	3	bc	30.05	-0.5	48	48	0	SW	4	bc	4	58	45	-							
Hurst Castle ...	30.10	54	W	3	bc	30.00	-0.2	48	47	+1	WNW	5	bc	4	58	46	-							
†Dover ...	30.07	47	SW	2	bc	29.97	+0.2	47	46	+1	SW	5	bc	4	53	43	-							
†London ...	30.25	53	W	1	bc	29.94	-0.4	53	50	+3	WSW	4	bc	*	59	45	-							
Oxford ...	30.07	50	WSW	5	o	29.92	-1.0	52	50	+2	WSW	6	bc	*	57	47	-							
Cambridge ...	30.02	53	NW	1	bc	29.86	-1.2	54	51	+3	SW	2	bc	*	59	45	-							
†Yarmouth ...	30.01	46	SSE	1	bc	29.88	-0.8	51	49	+2	WSW	4	bc	2	51	43	0.02							
The Helder ...																								
Cape Gris Nez ...	30.10	47	SW	3	o	30.02	+1.1	46	46	0	WSW	7	bc	5	52	43	-							
†Jersey ...	30.23	48	W	3	bc	30.16	+0.4	49	49	0	WSW	4	bc	3	54	46	-							
Brest ...	30.24	51	W	4	o	30.21	+0.4	51	51	0	W	4	bc	3	54	48	-							
Lorient ...	30.22	54	WNW	5	bc	30.21	+1.0	53	50	+3	WNW	5	bc	3	57	46	-							
†Rocheport ...	30.16	56	W	8	bc	30.20	+2.0	54	51	+3	W	5	bc	2	59	41	0.08							
Biarritz ...	30.23	55	WNW	7	bc	30.36	+1.9	51	47	+4	S	4	bc	1	54	45	0.32							
Corunna ...	*	*	*	*	*			*					*	*	*	*	*							
Brussels ...	*	*	*	*	*	30.04	+1.3	46	44	+2	SW	5	bc	*	49	?	-							
Charleville ...																								
Paris ...	30.15	50	WNW	4	o	30.20	+2.2	48	45	+3	S	3	bc	*	*	*	0.04							
Lyon ...	30.08	45	WNW	3	bc	30.31	+3.0	44	40	+4	N	1	bc	*	50	36	0.04							
Toulon ...	29.94	49	W	7	bc	30.17	+2.3	53	44	+9	Z	0	bc	5	54	43	-							
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																								
Hawes Junction ...	29.69	43	W	5	bc	29.52	-2.1	44	41	+3	W	7	bc	*	52	40	0.26							

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.75	48	4 1/2	W	2	0	3	Valentia ...							
Samburgh Head ...								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...							*
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rocheport ...	30.12	57	49	N W W	8	0	4
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. 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

TUESDAY, 26TH APRIL.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

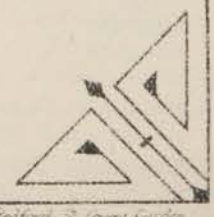
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a m on Tuesday 26th April -

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.

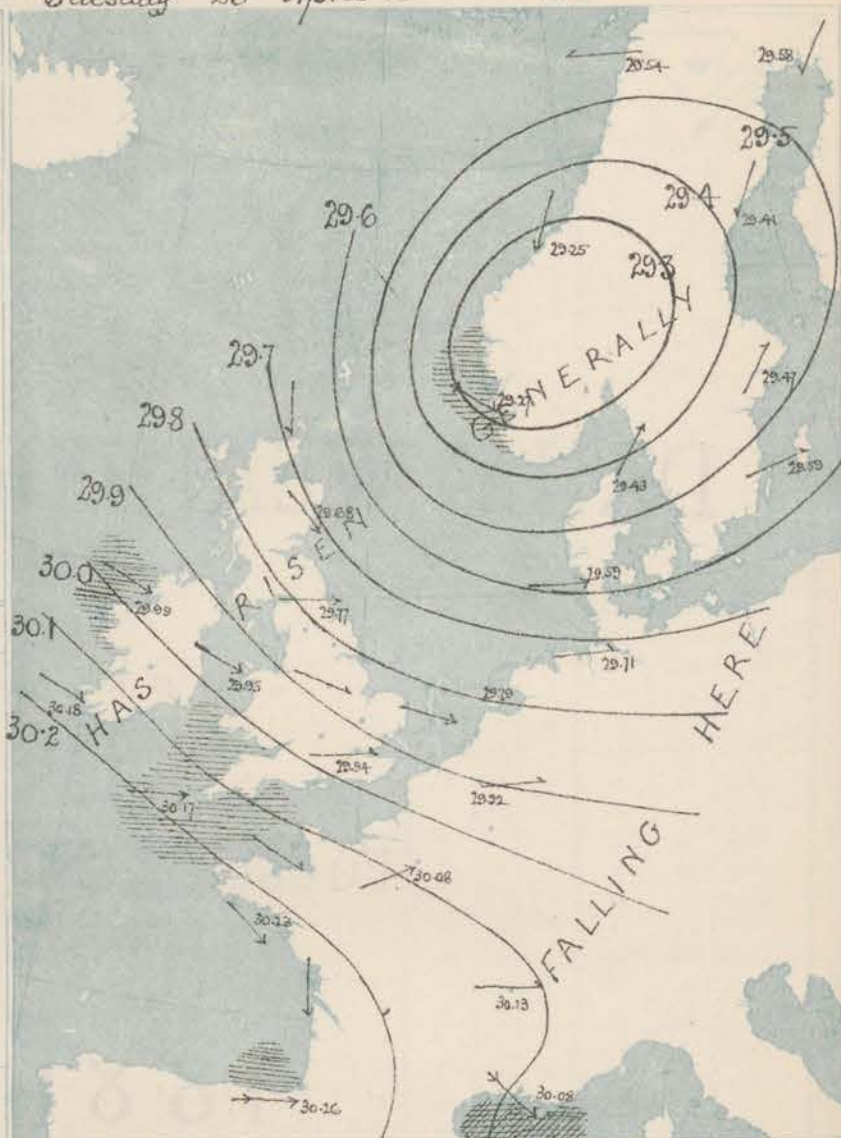
Sea Disturbance, where considerable, is shown by shading round the coast, thus Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings Ins.
Nairn	29.856
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.894
Holyhead	29.927
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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.

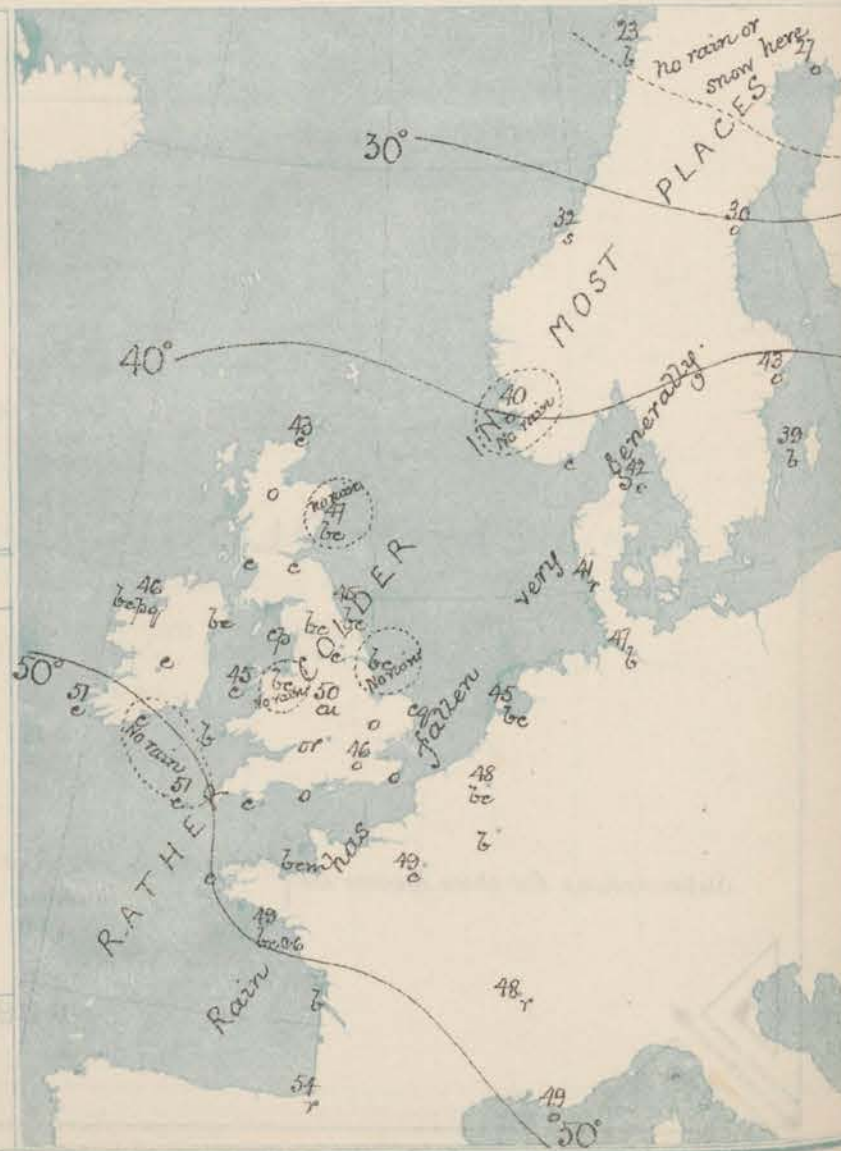
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of April

Stations	Temp	Rain-fall ins.
Sandburgh Head	42.7	1.85
Stornoway	43.5	2.87
Aberdeen	43.3	2.14
Shetlands	46.4	1.72
York	47.0	1.70
Malborough	47.5	?
Holyhead	48.2	1.97
Burtonstown	48.0	1.95
Valentia	48.6	1.64
Sally (St Mary's)	51.8	2.01
Ilust Castle	48.5	?
Dover	48.8	1.89
LONDON	49.2	1.08
Yarmouth	47.5	1.73

* 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 Tuesday 26th April 1881 at 8 a.m.

The deep depression noticed over Norway yesterday still retains much the same position that it occupied at that time, but it now appears inclined to travel a little South and at the same time to fill up. Over the whole of these Islands as well as the N. of Scandinavia the mercury is rising, but over Denmark and North Germany and in the south of France it is falling. A large area of high pressure lies off our south-west coast and the Bay of Biscay. The wind is NW² on our own and the French coast, W² over Denmark and SW² in Sweden, and in nearly all places it remains fresh or strong, though the gales noticed in the N. yesterday have subsided. Temperature has fallen slightly and readings range from 51° in the SW. to 42° at Cairn. The weather varies a good deal, it is moderately fine at the majority of stations, but in places it is overcast and showery. Rain has fallen in nearly all places during the past 24 hours. The sea is moderate or rather rough generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

27th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW² winds, moderate and strong; cloudy, some showers, cool.

2 SCOTLAND EAST

D° D° D°

3 ENGLAND N.E.

NW² breezes, fresh; cloudy, unsettled. some showers and cooler.

4 ENGLAND EAST

D° D° D°

5 MIDLAND COUNTIES

D° D° D°

6 ENGLAND SOUTH

DISTRICTS

FORECASTS

6 SCOTLAND WEST

NW² winds, fresh or strong; showery, unsettled.

7 ENGLAND N.W.

D° D° D°

8 ENGLAND S.W.

W² winds, fresh or strong; showery, cloudy.

9 IRELAND NORTH

Same as Nos 6. and 7.

10 IRELAND SOUTH

NW² and N² winds, moderate generally; cloudy, some rain.

WARNINGS

The south cone is still up in districts Nos 0, 1, 6, 7, and 9.

METEOROLOGICAL OBSERVATIONS FOR

26th APRIL

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 ...	29.66	8	S	2	8	29.58	+0.5	27	22	+ 8	NE	4	0	*	28	7	-		
Hernösand ...	29.39	29	NE	6	0	29.41	-2.1	30	28	- 1	NNE	2	0	*	36	16	0.28		
Stockholm ...	29.43	39	SW	4	0	29.47	-1.7	43	39	+ 4	SW	4	0	*	45	34	-		
Wisby ...	29.69	39	SW	6	2	29.59	-1.7	89	38	- 1	W	4	6	*	46	28	0.12		
Bodö ...	29.82	23	ENE	2	6	29.64	-0.1	23	22	+ 6	E	4	6	*	30	?	-		
Christiansund...	29.12	35	NE	2	6c	29.25	+1.1	32	32	0	NNE	6	8	4	36	25	0.04		
†Skudesnaes ...	29.20	42	WSW	3	0	29.24	-0.5	40	39	+ 2	WNW	8	0	5	46	?	-		
Oxö (Xtiansund)...	29.41	40	SW	4	6c	29.35	-1.5	40	39	+ 1	S	6	0	3	45	37	0.16		
Skagen (The Skaw)	29.49	41	WSW	4	6	29.43	-1.7	42	40	+ 3	SW	5	0	5	46	36	0.12		
Fanö ...	29.66	41	W	5	0	29.59	-1.3	41	41	- 1	W	5	2	*	46	39	0.12		
Cuxhaven ...	29.75	?	W	4	0	29.71	-1.5	47	45	+ 3	W	4	6	*	?	34	0.07		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	29.44	43	WNW	7	0	29.69	+3.1	43	41	- 2	N	3	0	4	53	32	0.20		
Nairn ...	29.54	44	W	5	1	29.71	+2.1	42	40	- 3	W	1	0	1	52	38	0.03		
†Aberdeen ...	29.53	50	NW	5	2	29.68	+1.5	47	43	- 3	NW	6	6c	5	56	34	-		
Leith ...	29.65	47	NW	6	6c	29.77	+1.3	46	42	0	N	1	0	*	57	39	0.03		
†Shields ...	29.71	49	W	7	6c	29.77	+0.7	45	42	- 5	W	5	6c	2	55	39	0.10		
Spurn Head ...	29.78	49	W	4	6	29.80	+0.1	45	43	- 3	W	5	6c	4	51	40	-		
York ...	29.80	51	W	5	0	29.83	+0.6	46	42	- 6	WNW	3	0	*	58	41	0.01		
Nottingham ...	29.85	54	NW	2	0	29.89	+0.4	50	46	- 3	WNW	3	0	*	61	37	0.03		
†Ardrossan ...	29.74	48	WNW	5	6	29.83	+1.0	44	43	- 2	WNW	3	0	2	48	40	0.17		
†Mullaghmore ...	29.90	49	WSW	5	0	29.99	+1.2	46	44	- 2	WNW	6	6c	5	52	42	0.06		
Donaghadee ...	29.83	51	WNW	6	6c	29.91	+0.9	45	43	- 5	NW	5	6c	2	58	38	0.12		
Parsonstown ...	29.99	51	W	3	0	30.07	+1.0	48	44	- 2	WNW	3	0	*	54	41	0.12		
Barrow-in-Furness	29.83	46	W	4	0	29.88	+0.8	44	43	- 3	NW	4	0	4	52	43	0.14		
†Holyhead ...	29.90	49	W	4	6c	29.95	+0.5	45	43	- 3	WNW	6	0	4	55	44	0.10		
Liverpool (Bidston)	29.85	48	WSW	5	0	29.90	+0.4	45	43	- 2	W	6	6c	3	55	43	-		
†Valentia ...	30.10	53	WNW	4	6c	30.18	+1.3	51	49	0	WNW	8	0	4	56	44	0.02		
Roche's Point...	30.07	51	WNW	5	6c	30.10	+1.0	50	46	+ 1	WNW	5	0	4	58	44	-		
Pembroke ...	29.84	47	WSW	4	0	30.01	+1.0	47	45	0	W	5	6	5	51	45	0.02		
†Scilly ...	30.10	51	W	5	0	30.17	+0.9	51	49	- 1	W	6	0	5	53	48	-		
Prawle Point ...	30.03	50	WNW	4	0	30.08	+0.3	47	46	- 1	WSW	5	0	5	54	42	0.05		
Hurst Castle ...	29.96	52	WNW	5	0	30.01	+0.1	47	45	- 1	WNW	5	0	4	57	43	?		
†Dover ...	29.88	49	W	3	6m	29.95	-0.2	45	43	- 2	W	4	0	3	51	43	0.06		
†London ...	29.88	56	WNW	3	0	29.94	0.0	46	42	- 7	W	3	0	*	61	40	0.01		
Oxford ...	29.93	50	W	3	0	29.94	+0.2	43	41	- 9	WSW	1	0	*	60	39	0.08		
Cambridge ...	29.87	54	NW	1	0	29.89	+0.3	47	44	- 7	NW	1	0	*	60	38	0.02		
†Yarmouth ...	29.84	54	WNW	4	6c	29.84	-0.1	46	43	- 5	WNW	5	0	2	57	40	0.09		
The Helder ...	29.80	45	SW	1	6c	29.79		45	43		W	2	6c	2	48	43	0.04		
Cape Gris Nez																			
†Jersey ...	30.08	49	WNW	4	0	30.17	+0.1	49	47	0	WNW	4	6c	4	62	45	0.05		
Brest ...	30.15	50	N	4	0	30.24	+0.3	50	48	- 1	WNW	5	0	4	64	48	0.16		
Lorient ...	30.11	53	WNW	7	1	30.23	+0.2	49	48	- 4	NW	7	6c	4	65	45	0.55		
†Roche fort ...	30.27	57	W	7	0	30.22	-0.7	51	47	- 3	N	7	6	2	61	45	0.24		
Biarritz ...	30.38	55	W	5	6c	30.26	-1.0	54	49	+ 3	W	9	1	5	69	45	0.16		
Corunna ...	*	*	*	*	*			*						*	*	*	*		
Brussels ...	*	*	*	*	*	29.92	-1.2	48	44	+ 2	W	4	6c	*	51	44	0.28		
Charleville ...	-	-	-	-	-	29.95	-	48	48	-	NW	4	6	*	75	?	0.35		
Paris ...	30.05	52	S	4	1	30.08	-1.2	49	45	+ 1	WSW	5	0	*	*	*	0.13		
Lyons ...	30.25	53	NE	1	0	30.13	-1.8	48	45	+ 4	W	1	1	*	57	?	0.12		
Toulon ...	30.14	57	NW	7	6	30.08	-0.9	49	45	- 4	NW	8	0	7	63	48	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	39	W	5	1	28.57	+0.5	39	38	- 5	W	5	6c	*	47	35	0.30		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.37	46	43	WSW	7	c f	5	Valentia ...	30.09	52	49	WNW	4	0	4
Sumburgh Head								Scilly ...	30.09	53	50	WNW	5	0	5
Stornoway ...								Dover ..	29.89	50	49	WSW	5	c pf	4
Aberdeen ...	29.53	55	46	W	7	6 c	2	London ...	29.87	60	55	W	3	c	*
Shields ...	29.71	62	47	WNW	6	2	2	Yarmouth ...	29.81	55	50	NW	4	c	2
Ardrossan ...	29.74	46	45	WSW	4	0	3	Jersey ...	30.10	51	51	W	5	f	4
Mullaghmore ...	29.88	62	48	W	6	6 c pf	5	Roche fort ...	30.31	59	54	W	7	c	2
Holyhead... ..	29.91	53	48	WSW	4	6	3								

Pressure is increasing a little except in the SE, but conditions are far from settled. Strong W⁴ breezes prevail generally and a NW⁴ gale in Caithness, and cloudy showery weather except in the NE. of Scotland.

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

WEDNESDAY, 27TH APRIL,

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.)

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

WEATHER CHARTS

for 8 a.m. on Wednesday 27th APRIL 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.

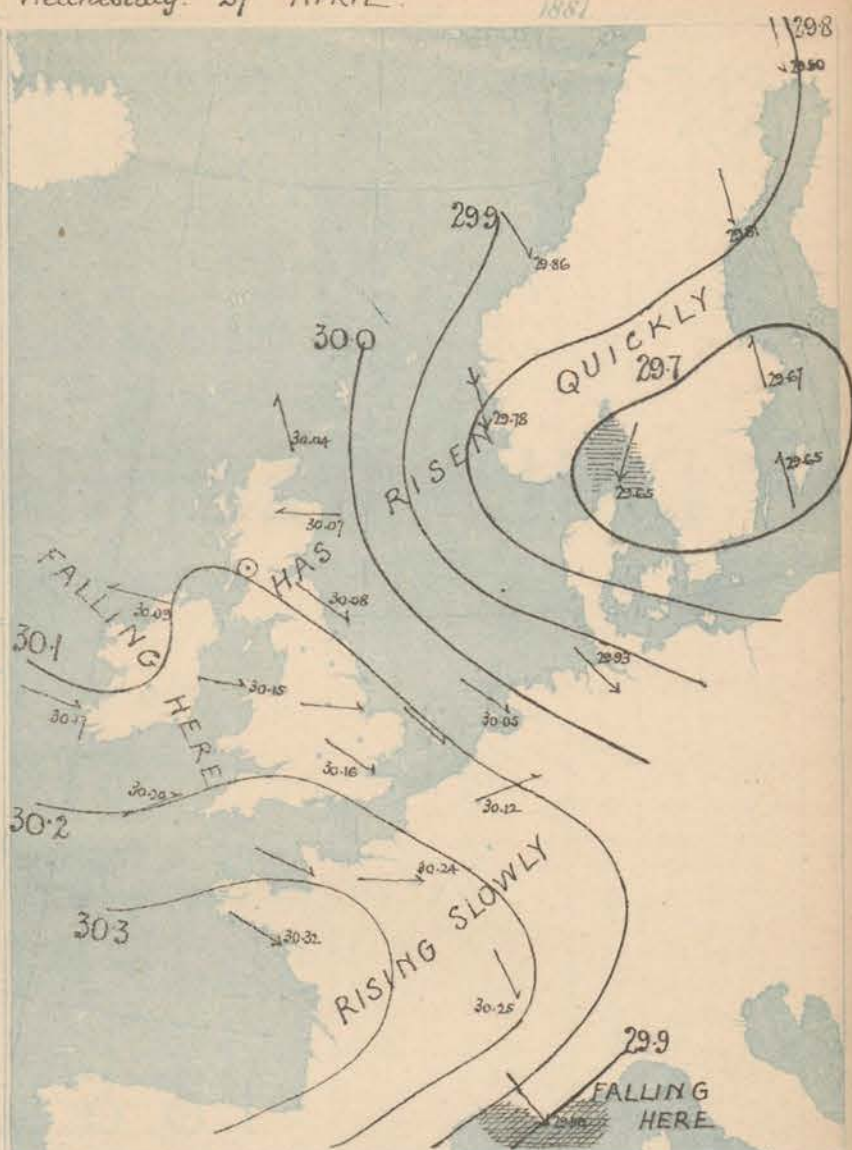
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of April

Stations.	Mean Readings In.
Nairn	29 866
Aberdeen	29 881
Leith	29 894
Scarborough	29 922
Ardrossan	29 903
Greenock	29 894
Holyhead	29 921
Valentia	29 929
Roches Pt	29 958
Plymouth	29 978
LONDON	29 965
Wormouth	29 966

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.

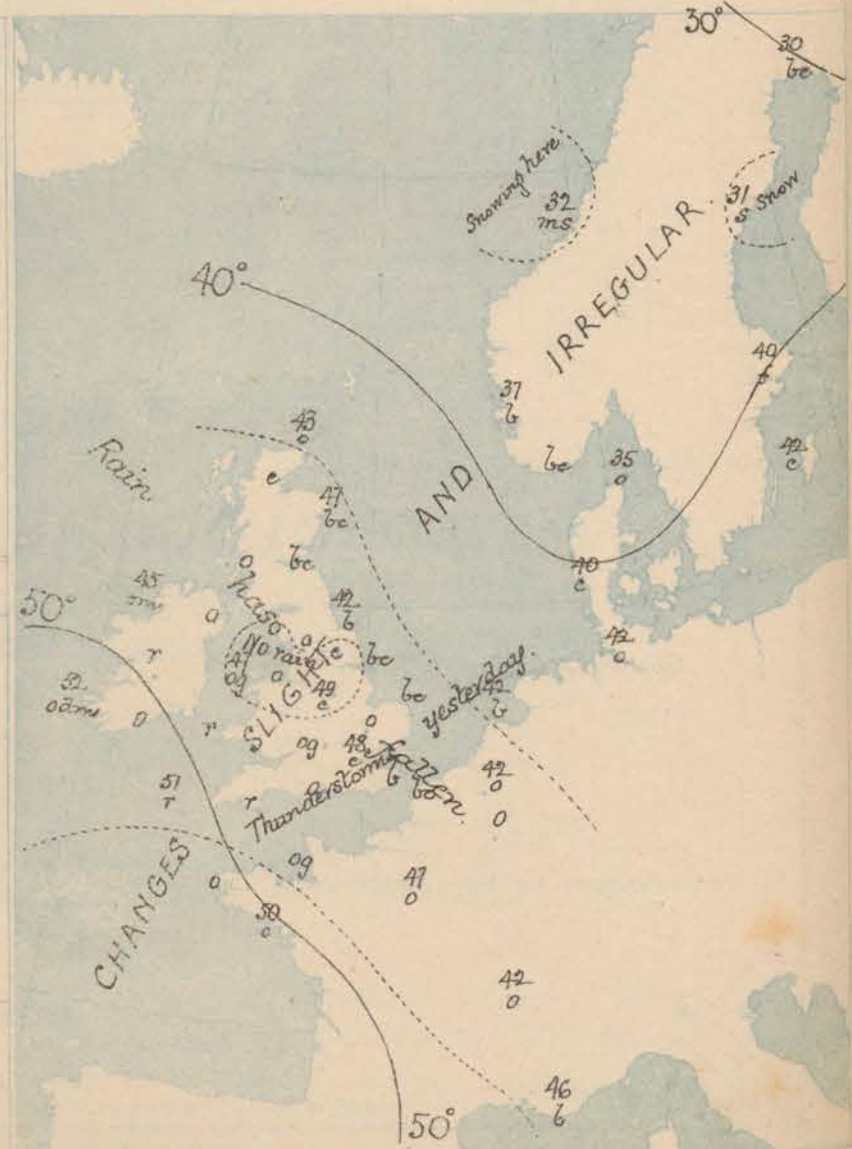
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of April

Stations	Temp	Rain-fall In.
Sandwich Head	42.7	1.85
Stornoway	43.9	2.87
Aberdeen	45.3	2.14
Shetlands	46.4	1.72
Fork	47.0	1.70
Mullaghmore	47.5	1.02
Holyhead	48.2	1.02
Portsmouth	48.6	1.06
Valentia	49.5	2.64
Sally (St Mary's)	51.8	2.01
Ilford Castle	49.5	1.02
Dover	48.8	1.40
LONDON	49.2	1.48
Wormouth	47.5	1.73

* 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 Wednesday 27th April 1881, at 8 a.m.

The weather over the United Kingdom seems to be getting into an unsettled condition generally, for although the barometer is now higher in all parts of Western Europe than it was at the same time yesterday a new fall is appearing in the west of Ireland, and a small depression is evidently advancing over these islands from the Atlantic. Rain has already set in over Ireland, and the S.W. of England, and threatens to extend End in the course of the day. The winds which are still strong from N.W. on the E-shores of the North Sea, but are generally moderate from the Wnd over England and France, while in Ireland a circulation round the incoming depression is shown. Temperature has changed little and very irregularly, readings at present varying from 53° at Roches Point to 43° in Cailhness and 42° at Shields. The maxima yesterday were above 55° in many parts of England, the highest being 58° at Cambridge. A rather cold night was experienced over our SE. counties. The weather is at present fine on our NE. and SE. coast, but cloudy in other places. Thunderstorms with squalls of hail and rain were experienced yesterday over many parts of our E., S., and S. Midland counties. The sea is moderate or smooth on all our coast, smooth both at Holyhead and Dover.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
28th APRIL.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE ^{ty} winds, becoming stronger; fair at first, then rainy.
2 SCOTLAND EAST	D ^o — D ^o — D ^o
3 ENGLAND N.E.	Calms and fine weather, followed by SE ^{ty} or S ^{ty} winds and rain.
4 ENGLAND EAST	Wind backing to S. or SW. and weather becoming close and rainy.
5 MIDLAND COUNTIES	Same as N ^o 2.
6 ENGLAND SOUTH	Same as N ^o 3.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^{ty} to S ^{ty} winds; dull and rainy.
7 ENGLAND N.W.	D ^o — D ^o — D ^o
8 ENGLAND S.W.	SW ^{ty} to NW ^{ty} winds; rainy to fair.
9 IRELAND NORTH	Varying winds; weather dull, wet, and unsettled.
10 IRELAND SOUTH	W ^{ty} to NW ^{ty} winds; dull, showery, and squally.
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

27th APRIL

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	29.57	27	NE	2	0	29.80	+ .22	30	27	+ 3	N	2	bc	*	3	50	5	-
Hernösand	29.63	29	NE	4	8	29.81	+ .40	31	29	+ 1	N	2	8	*	3	36	23	0.04
Stockholm	29.56	36	SE	2	bc	29.67	+ .20	40	38	- 3	S	2	f	*	3	52	36	-
Wisby	29.61	33	SW	6	0	29.65	+ .06	42	40	+ 3	S	2	c	*	3	52	28	-
Bodö																		
Christiansund	29.74	33	NE	3	c	29.86	+ .61	32	31	0	NNW	3	mc	3	3	54	19	0.04
†Skudesnaes	29.59	37	NW	8	bc	29.78	+ .51	37	32	- 3	NNW	8	b	4	4	41	37	-
Oxö (Xiämsund)	29.47	39	W	4	b	29.71	+ .36	40	37	0	NE	2	bc	2	2	43	37	-
Skagen (The Skaw)	29.48	39	NEW	5	b	29.65	+ .22	35	33	- 2	NNW	6	0	6	6	45	34	-
Panö	29.72	41	W	6	0	29.80	+ .21	40	36	- 4	WNW	6	c	*	3	46	?	-
Cuxhaven	29.82	?	NW	5	0	29.93	+ .22	42	38	- 5	NW	6	0	*	3	?	34	-
†Sumburgh Head																		
†Stornoway																		
Wick	29.93	43	N	4	0	30.04	+ .35	43	40	0	SE	1	0	2	2	52	33	-
Nairn	29.95	43	W	0	bc	30.03	+ .32	43	41	+ 1	W	0	0	0	0	50	38	0.09
†Aberdeen	29.92	46	N	4	bc	30.07	+ .39	44	42	0	E	1	bc	2	2	51	37	0.02
Leith	29.95	49	NE	1	bc	30.07	+ .30	43	44	+ 2	NW	1	bc	*	3	58	44	-
†Shields	29.93	47	W	0	bc	30.08	+ .31	42	40	- 3	WNW	1	b	1	1	53	38	0.21
Spurn Head	29.95	46	W	1	c	30.10	+ .30	45	44	0	W	3	bc	3	3	49	40	0.08
York	29.93	55	W	4	bc	30.11	+ .28	47	43	+ 1	NW	2	c	*	3	57	40	-
Nottingham	30.03	50	WNW	4	b	30.14	+ .25	49	46	- 1	WNW	2	0	*	3	56	39	-
†Ardrossan	30.01	47	WNW	3	c	30.09	+ .26	47	46	+ 3	W	0	0	0	0	50	43	0.01
†Mullaghmore	30.15	49	W	5	om	30.09	+ .10	46	44	- 1	E	1	om	3	3	52	44	0.04
Donaghadee	30.08	50	NW	5	b	30.12	+ .21	46	44	+ 1	W	3	0	1	1	54	42	0.02
Parsonstown	30.19	52	WNW	2	bc	30.10	+ .03	45	44	- 3	SE	2	bc	*	3	56	43	0.21
Barrow-in-Furness	30.03	49	NW	6	b	30.12	+ .24	45	44	+ 1	WNW	3	0	3	3	53	43	-
†Holyhead	30.10	50	WNW	4	b	30.15	+ .20	47	44	+ 2	W	2	0	1	1	51	45	-
Liverpool (Bidston)	30.05	48	W	5	b	30.14	+ .24	46	43	+ 1	W	3	0	1	1	50	43	-
†Valentia	30.28	52	WNW	3	c	30.17	+ .01	52	52	+ 1	W	4	om	4	4	58	47	0.27
Roche's Point	30.20	52	NW	5	c	30.11	+ .01	53	52	+ 3	WNW	3	0	3	3	55	45	-
Pembroke	30.13	48	W	2	b	30.16	+ .15	45	44	- 2	SW	1	bc	0	0	51	44	0.05
†Scilly	30.26	52	WNW	6	bc	30.20	+ .03	51	51	0	WSW	4	bc	4	4	53	43	0.12
Prawle Point	30.18	50	NW	5	b	30.24	+ .16	46	45	- 1	WSW	3	bc	3	3	57	43	0.03
Hurst Castle	30.07	54	N	5	bc	30.20	+ .19	46	45	- 1	NNW	2	0	3	3	55	42	0.04
†Dover	30.01	45	N	2	c	30.16	+ .21	43	44	+ 3	N	2	b	1	1	50	44	0.18
†London	30.00	53	WNW	5	bc	30.16	+ .22	48	45	+ 2	WNW	2	0	*	3	46	38	-
Oxford	30.11	47	NW	4	b	30.16	+ .22	44	41	+ 1	WSW	1	0	*	3	58	39	0.04
Cambridge	29.98	48	N	1	c	30.15	+ .26	43	44	+ 1	NW	1	0	*	3	58	39	0.05
†Yarmouth	29.95	49	WNW	1	b	30.12	+ .28	45	42	- 1	NW	1	bc	2	2	49	38	0.04
The Helder	29.93	44	WNW	2	b	30.05	+ .26	42	37	- 3	NW	3	b	2	2	46	41	-
Cape Gris Nez	30.02	43	NEW	4	0	?	?	42	41	?	W	5	bc	4	4	43	39	0.39
†Jersey	30.19	50	WNW	5	b	30.29	+ .12	49	45	0	WNW	3	0	3	3	53	44	-
Brest	30.28	51	WNW	5	c	?	?	50	48	0	?	3	0	2	2	55	43	-
Lorient	30.23	56	WNW	7	b	30.32	+ .09	50	47	+ 1	NW	5	0	3	3	?	46	-
†Rochefort	30.24	55	NW	8	bc	30.34	+ .12	52	48	+ 1	N	5	0	2	2	59	45	-
Biarritz†	30.34	56	WNW	5	c	30.39	+ .13	55	50	+ 1	NW	5	0	3	3	67	46	0.08
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	30.12	+ .20	42	40	- 6	WSW	4	0	*	3	51	39	0.32
Charleville	29.94	45	WNW	4	c	30.15	+ .20	39	39	- 9	?	3	0	*	3	56	37	0.08
Paris	30.04	49	WNW	7	0	30.24	+ .16	47	43	- 2	W	4	0	*	3	*	*	0.24
Lyons	30.07	53	NW	3	bc	30.25	+ .12	42	39	- 6	NNW	3	0	*	3	60	38	0.12
Toulon	29.97	58	NW	8	b	29.90	- .18	46	38	- 3	NW	9	b	7	7	61	45	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.71	46	W	5	b	28.84	+ .27	40	39	+ 1	SSW	2	0	*	3	49	36	0.03

HIGH LEVEL STATION.

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

Hawes Junction	28.71	46	W	5	bc	28.84	+ .27	40	39	+ 1	SSW	2	0	*	3	49	36	0.03
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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 ...	29.48	41	37	WNW	8	0	5	Valentia ...	30.26	56	53	WNW	4	bc	4
Sumburgh Head								Scilly ...	30.22	53	49	WNW	6	bc	5
Stornoway ...								Dover ..	29.91	44	42	WNW	4	bcpt	4
Aberdeen ...	29.83	50	46	N	4	c	2	London ...	29.95	52	48	WNW	6	cpq	4
Shields ...	29.83	52	47	E	1	bc	0	Yarmouth ...	29.88	48	44	N	3	bop	4
Ardrossan ...	29.94	50	49	WNW	4	b	3	Jersey ...	30.15	53	51	WNW	6	bc	5
Mullaghmore ...	30.22	51	48	WNW	5	b	4	Rochefort ...	30.26	51	52	WNW	8	c	4
Holyhead ...	30.06	50	46	WNW	5	b	4								

The barometer continues to rise everywhere, most in the N., and N. to NW breezes continue with unsettled weather. During the morning showers of rain have fallen in almost all districts and slight thunderstorms, accompanied by hail showers have occurred in the S. and SE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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

THURSDAY, 28TH APRIL.

1881.

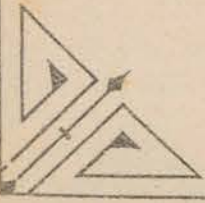
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ROBERT H. SCOTT

(SECRETARY)



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WEATHER CHARTS

for 8 a.m. on Thursday 28th APRIL 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 April

Stations.	Mean Readings Inch.
Nairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greenock	29.898
Holyhead	29.921
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

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



REMARKS

for Thursday 28th April. 1881, at 8 a.m.

During the past night a further increase of pressure has occurred over nearly the whole of Western Europe, but a small depression which lay over the NW of France at six last evening has since that time passed southward over that country, and has occasioned a fall at most of the French stations. Readings are highest off our south-west coast, but over the whole of these islands they are high and uniform, though there are apparently slight local irregularities in different parts of the Kingdom. N^W to NW² gales prevail over the southern part of the Bay of Biscay and moderate to fresh N^W winds on the eastern shores of the North Sea, but on all our coasts light variable breezes are reported. The weather is very fine over nearly the whole of these islands, the Netherlands and Denmark, but in all other places it is cloudy with rain at Biarritz and Mullaghmore, and snow in parts of Scandinavia. Temperature has not changed much and varies from 53° at Valentia to 42° at Banow in Lunneth. The maxima yesterday were between 48° and 58°, while during the night rather low readings were registered at the extreme NE² and SE² stations. The sea is slight except in the Bay of Biscay.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
29th APRIL

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Very light breezes between NW. and W.; fine and warm, then cloudy
2 SCOTLAND EAST	----- D° ----- D° ----- D°
3 ENGLAND NE	----- D° ----- D° ----- D°
4 ENGLAND EAST	Variable or light N ^W breezes; fine
5 MIDLAND COUNTIES	Calms and variable breezes; fine and warm generally, but clouding over at times.
6 ENGLAND SOUTH	----- D° ----- D° ----- D°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as Nos 0 to 2.
7 ENGLAND NW	Light breezes between NW. and SW.; rather cloudy, warm and close.
8 ENGLAND SW	NW ² breezes, light or moderate; cloudy
9 IRELAND NORTH	Light breezes between NW. and SW.; cloudy, close, some thunderstorms.
10 IRELAND SOUTH	----- D° ----- D° ----- D°
WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

28th APRIL

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 ...	29.89	39	2	2	0	29.89	+0.4	31	23	+1	N	4	0	*	37	21	-		
Hernösand ...	29.89	30	2	0	0	29.95	+1.4	33	28	+2	N	0	0	*	36	25	-		
Stockholm ...	29.81	32	7 2 E	2	3	29.84	+1.7	32	32	-8	NNE	4	0	*	32	32	0.16		
Wisby ...	29.74	34	8 2 W	2	0	29.76	+1.1	33	33	-9	NW	4	0	*	48	24	-		
Bodö ...	29.90	31	E	2	6	29.96	-	24	23	-	E	4	0	*	30	21	-		
Christiansund ...	30.01	33	2 W	2	0	30.04	+1.8	32	31	0	N	0	0	2	36	23	0.08		
†Skudesnaes ...	29.99	34	N 2 W	3	6	30.09	+3.1	37	53	0	N	4	0	3	41	37	-		
Oxö (Kristiansund) ...	29.91	36	8 5 W	2	0	30.02	+3.1	39	34	-1	NNE	4	0	1	41	32	-		
Skagen (The Skaw) ...	29.88	29	N 2 E	4	0	29.98	+3.3	38	33	+3	NNE	5	0	5	45	?	-		
Fanö ...	29.96	34	NW	4	6	30.02	+2.2	42	41	+2	NNW	4	0	*	45	34	-		
Cuxhaven ...	29.96	48	NW	6	0	30.03	+1.0	42	39	0	NNW	6	0	*	?	34	-		
†Sumburgh Head ...																			
†Stornoway ...																			
Wick ...	30.04	45	2 7	20	6 c	30.13	+0.9	48	45	+5	NW	3	0	3	49	33	-		
Nairn ...	30.09	46	2	0	2	30.12	+1.1	46	43	+3	W	1	0	1	53	38	0.15		
†Aberdeen ...	30.09	46	3	3	6	30.14	+1.0	51	46	+4	N	2	0	1	52	35	0.04		
Leith ...	30.10	46	E	1	0	30.20	+1.3	49	44	+1	NW	1	0	*	54	44	-		
†Shields ...	30.13	44	SE	1	0	30.21	+1.3	49	45	+7	N	0	0	8	50	38	-		
Spurn Head ...	30.11	44	E	3	6 c	30.23	+1.3	45	41	0	SEE	3	0	4	48	40	-		
York ...	30.12	46	E 2 E	1	0	30.23	+1.2	44	42	-3	W	1	0	*	57	43	0.03		
Nottingham ...	30.12	51	N	3	0	30.25	+1.1	47	44	-2	S	3	0	*	59	34	-		
†Ardrossan ...	30.12	48	W 2 W	2	0	30.21	+1.2	45	44	-2	S	1	0	0	53	37	-		
†Mullaghmore ...	30.13	51	NE	1	0	30.20	+1.1	50	50	+5	SW	1	0	2	53	44	0.02		
Donaghadee ...	30.14	49	3 W	2	0	30.23	+1.1	50	48	+4	WSW	3	0	1	50	40	0.01		
Parsonstown ...	30.15	54	SW	0	0	30.26	+1.6	52	51	+4	SW	1	0	*	55	44	0.01		
Barrow-in-Furness ...	30.14	48	NW	3	0	30.23	+1.1	42	42	-3	NE	2	0	3	53	40	-		
†Holyhead ...	30.15	48	W	2	0	30.25	+1.0	48	47	+1	SW	2	0	1	54	44	-		
Liverpool (Biddston) ...	30.13	46	NW	1	0	30.24	+1.0	49	45	+3	WNW	1	0	1	52	43	-		
†Valentia ...	30.23	52	WNW	4	0 m	30.32	+1.5	53	52	+1	NW	3	0 m	3	55	50	0.24		
Roche's Point ...	30.14	54	NNW	4	0	30.26	+1.5	52	50	-1	NW	2	0	3	56	48	-		
Pembroke ...	30.11	48	SE	1	0	30.24	+0.8	46	45	+1	SE	1	0	1	48	43	0.03		
†Scilly ...	30.17	51	WNW	6	0 m	30.30	+1.0	52	51	+1	NW	3	0	4	52	48	0.09		
Prawle Point ...	30.12	48	ESE	3	0	30.24	+0.3	47	46	+1	NNE	2	0	2	48	40	0.13		
Hurst Castle ...	30.13	47	W	3	0	30.25	+0.5	47	46	+1	NE	2	0 m	2	52	44	-		
†Dover ...	30.10	47	2	0	6	30.24	+0.3	46	44	-2	NE	2	0	1	54	43	-		
†London ...	30.10	53	NW	1	0	30.25	+0.4	51	46	+3	N	0	0	*	53	33	-		
Oxford ...	30.13	49	W	1	0	30.36	+1.0	46	44	+2	N	0	0	*	55	34	-		
Cambridge ...	30.10	52	N	1	0	30.24	+1.2	47	44	-1	ESE	1	0	*	54	36	-		
†Yarmouth ...	30.11	46	3 3 E	2	6 c	30.25	+1.3	45	42	0	N	0	0	2	47	40	0.11		
The Helder ...	30.12	41	NNW	1	6	30.18	+1.3	42	38	0	NNW	2	0	2	45	39	-		
Cape Gris Nez ...																			
†Jersey ...	30.13	46	E	1	0 2	30.31	+0.2	43	47	-1	NW	2	0	2	50	43	0.20		
Brest ...	30.16	51	W	5	2	30.25	?	50	39	0	N	4	0	3	55	43	0.23		
Lorient ...	30.15	52	NW	7	2	30.25	-0.9	49	47	-1	NE	5	0	4	54	46	0.23		
†Rochefort ...	30.20	55	WNW	9	2	30.16	-1.8	53	50	+1	N	8	0	7	?	45	0.28		
Biarritz ...	30.23	55	N	0	2	30.25	-1.2	54	50	-1	WNW	7	0	5	57	48	0.20		
Corunna ...	*	*	*	*	*			*						*	*	*	*		
Brussels ...	*	*	*	*	*	30.22	+1.0	42	40	0	N	1	0	*	53	38	-		
Charleville ...	30.19	47	WNW	3	0	30.17	+0.2	40	33	+1	ESE	1	0	*	55	34	-		
Paris ...	30.17	46	N	1	0	30.23	-0.1	47	43	0	NNW	3	0	*	*	*	0.08		
Lyons ...	30.20	45	N	1	0	30.12	-1.3	42	41	0	NNW	3	0	0	62	40	-		
Toulon ...																			

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

Hawes Junction	28.87	40	SE	2	0	28.95	+1.1	43	41	+3	SSW	2	0	49	32	0.13
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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 ...	29.91	41	34	NW	3	6 c	4	Valentia ...	30.22	54	54	W	4	2 m	4
Sumburgh Head								Scilly ...	30.14	52	50	WNW	7	0 m	5
Stornoway ...								Dover ..	30.13	50	41	SW	2	6 c	1
Aberdeen ...	30.08	48	43	S	4	0	3	London ...	30.12	54	49	WNW	3	0	*
Shields ...	30.10	45	44	E	1	6	3	Yarmouth ...	30.11	44	43	SE	1	6 c	2
Ardrossan ...	30.04	50	49	WNW	2	0	1	Jersey ...	30.21	46	46	SSW	2	0 m	2
Mullaghmore ...	30.10	50	48	NE	2	0 c	1	Rochefort ...	30.31	56	50	NW	7	0	2
Holyhead ...	30.14	53	48	W	2	0	1								

Pressure is not changing much, but showery weather is spreading over England gradually, and in London the sky is assuming an unsettled thundery appearance.

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 3 p.m. daily (Sundays excepted).

A decorative horizontal border featuring geometric corner ornaments. Each corner is marked by a complex arrangement of nested triangles and lines, creating a star-like or floral pattern. The central area of the border is plain, providing a space for text or a title.

FRIDAY, 29TH APRIL.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Friday 29th APRIL.

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.

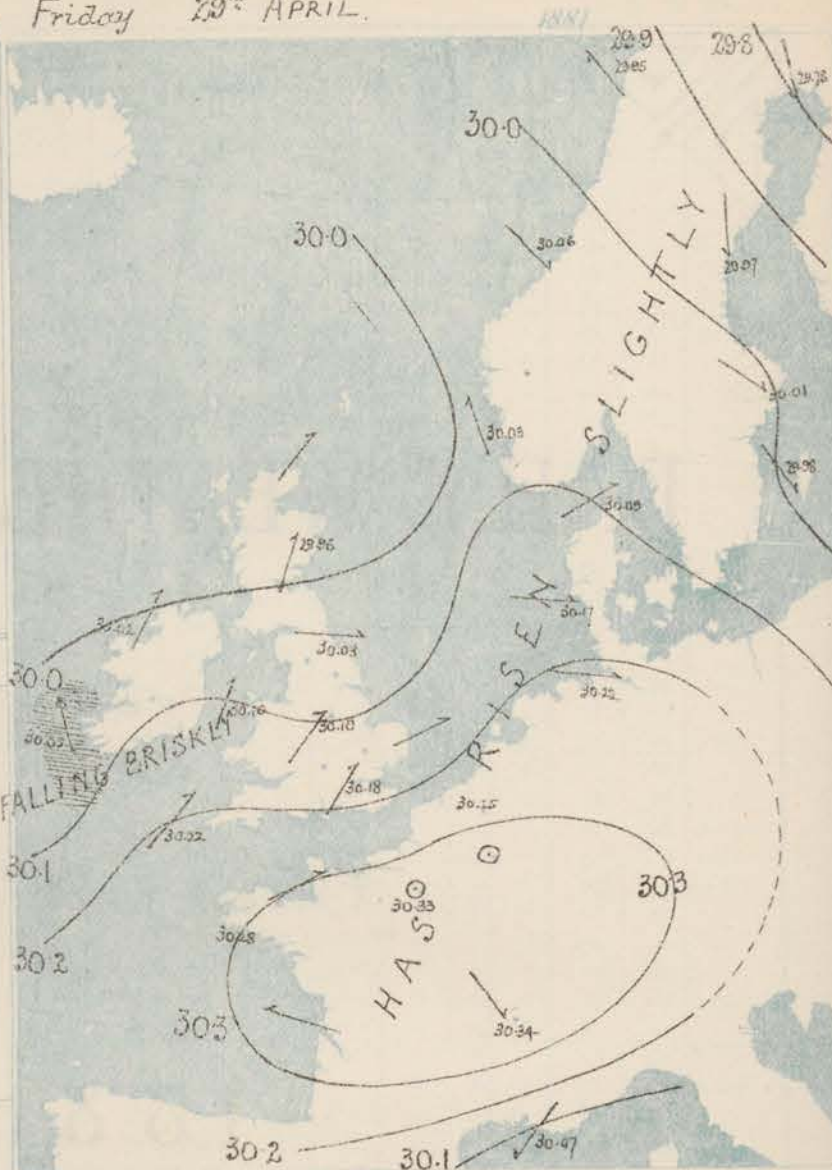
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings Ins.
Kairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.922
Valentia	29.929
Roche's Pt.	29.958
Plymouth	29.970
LONDON	29.966
Yarmouth	29.948

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.

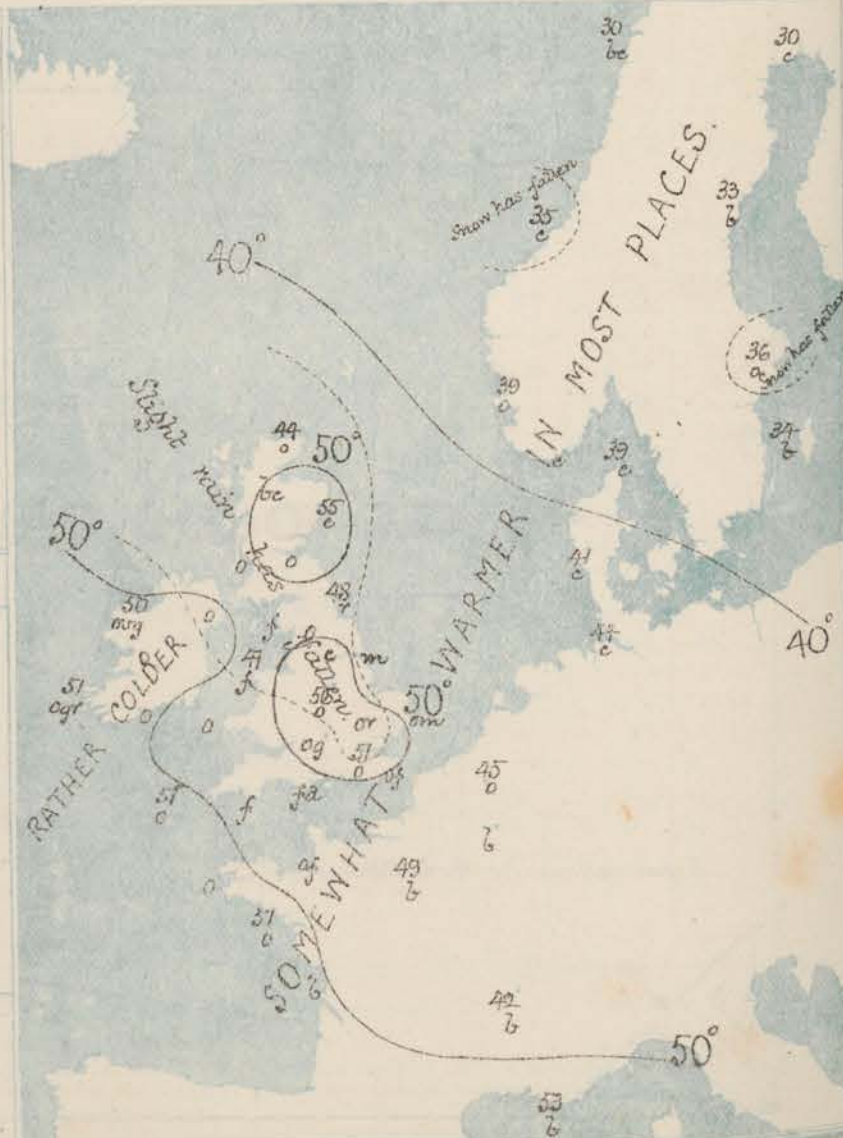
Falls of 0.5 in. or more are quoted in figures.

MEANS^{*} OF TEMPERATURE AND RAINFALL

for the month of April

Stations	Temp.	Rain-fall
	°	ins.
Sunbury Head	42.7	1.85
Sternway	43.9	2.67
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Millaghmore	47.5	?
Holyhead	48.2	1.67
Parsonstown	48.5	1.95
Valentia	49.5	3.64
Sally (St Mary's)	51.8	2.01
Hurst Castle	52.5	?
Dover	48.8	1.89
LONDON	49.2	1.48
Yarmouth	47.5	1.73

* 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 Friday 29th April 1881 at 8 a.m.

During the past night a decided fall of the barometer has occurred at Valentia, and has extended to all parts of these Islands, and the N. of France, while in the S and E. of France, as well as over North Germany and Scandinavia the mercury has risen. A large anticyclone lies over France and Switzerland, while shallow depressions lie over Scotland and the N. of Sweden. The wind has backed to SE. at Valentia and blow fresh, but at all other stations it is light or moderate in force, blowing from SW and W. over these Islands and the Channel, and from NW over Norway and Sweden. Temperature has fallen in the N., but risen slightly elsewhere, readings ranging from 56° at Nottingham to 44° at Wick, over France from 53° at Toulon to 38° at Charleville, and to the E. of the North Sea from 44° at Cuxhaven to 30° in the extreme N. The weather is dull except over S. and E. France, and rain is falling at Valentia. Slight rain has fallen except in the SW., S., and SE. Sea is rough at Valentia, slight generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

30th APRIL

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW ^{ly} winds, backing to S. and SE., moderate to fresh; cloudy, some rain.	6 SCOTLAND WEST	SE ^{ly} to S ^{ly} and SW ^{ly} winds, fresh or strong; dull, gloomy, rain.
1 SCOTLAND EAST	.....D°.....D°.....D°.....	7 ENGLAND N.W.	.....D°.....D°.....D°.....
2 ENGLAND N.E.	.....D°.....D°.....D°.....	8 ENGLAND S.W.	N ^{ly} winds, strong, perhaps a gale; dull, rain.
3 ENGLAND EAST	SW ^{ly} and W ^{ly} winds, moderate; cloudy, some rain.	9 IRELAND NORTH	S ^{ly} winds, veering to W., strong; dull, some rain.
4 MIDLAND COUNTIES	SW ^{ly} winds, moderate, to W ^{ly} winds, dull, some rain.	10 IRELAND SOUTH	.....D°.....D°.....D°.....
5 ENGLAND SOUTH	.....D°.....D°.....D°.....	WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR

25th APRIL

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 ...	29.85	31	N	4	0	29.98	-1.1	30	24	-1	N	4	c	*	37	25	-		
Hernösand ...	29.95	35	N	2	c	29.97	+0.2	33	29	0	NNE	2	b	*	48	19	-		
Stockholm ...	29.98	31	NNW	2	0	30.01	+1.9	36	32	+4	NW	2	0	*	36	30	0.04		
Wisby ...	29.88	33	N	4	N	29.98	+2.2	34	32	+1	NNW	2	b	*	39	28	-		
Bodö ...	30.00	30	SE	2	0	29.95	-0.1	30	28	+6	SE	2	bc	1	36	?	-		
Christiansund...	30.10	35	NW	1	e	30.06	+0.2	35	35	+3	NW	2	c	2	36	23	0.35		
†Skudesnaes ...	30.13	40	WNW	2	0	30.03	-0.6	39	34	+2	SSE	2	0	3	45	?	-		
Oxö (Xiansund) ...	30.38	41	NW	4	bc	30.12	+0.8	36	34	-3	W	1	c	1	43	34	-		
Skagen (The Skaw) ...	30.08	35	NNW	3	b	30.09	+1.1	39	35	+1	WSW	3	c	1	46	32	-		
Fanö ...	30.13	35	NW	4	b	30.14	+1.5	41	40	-1	W	2	c	*	46	34	-		
Cuxhaven ...	30.04	52	NNW	5	c	30.22	+1.9	44	41	+2	W	2	c	*	?	34	-		
†Sumburgh Head																			
†Stornoway ...																			
Wick ...	30.11	48	Z	0	0	29.94	-1.9	44	42	-4	SEW	1	om	2	50	34	0.20		
Nairn ...	30.12	50	Z	0	2	29.94	-2.0	52	50	+6	Z	0	bc	1	56	45	0.03		
†Aberdeen ...	30.11	50	S	2	0	29.96	-2.1	55	51	+4	SEW	1	c	1	56	44	0.02		
Leith ...	30.13	54	N	1	0	30.01	-1.9	51	49	+2	NW	1	0	*	53	46	0.04		
†Shields ...	30.17	49	S	1	mo	30.03	-1.8	48	44	-1	W	2	N	2	53	45	-		
Spurn Head ...	30.22	44	SE	4	c	30.08	-1.5	49	48	+4	WSW	2	m	2	52	44	-		
York ...	30.19	53	N	1	b	30.08	-1.5	53	51	+9	W	2	c	*	62	42	0.01		
Nottingham ...	30.20	53	WNW	2	bc	30.10	-1.5	56	54	+9	SW	2	0	*	64	44	0.03		
†Ardrossan ...	30.15	48	SW	2	N	30.02	-1.9	49	48	+4	SW	1	0	0	51	43	0.03		
†Mullaghmore ...	30.18	52	WNW	2	mo	30.02	-1.8	50	49	0	SSW	4	og	3	55	44	-		
Donaghadee ...	30.16	51	SW	2	N	30.05	-1.8	53	51	+3	SW	2	0	0	55	44	0.04		
Parsonstown ...	30.22	54	W	2	c	30.08	-1.8	51	48	-1	SSW	1	0	*	61	46	-		
Barrow-in-Furness...	30.19	49	WNW	2	0	30.06	-1.2	47	44	+5	SSW	2	f	2	56	42	0.06		
†Holyhead ...	30.22	49	SSW	2	d	30.10	-1.5	47	44	-1	SSW	3	f	2	53	44	0.04		
Liverpool (Bidston) ...	30.22	51	NW	1	e	30.09	-1.1	52	50	+3	WSW	1	0	1	54	49	0.04		
†Valentia ...	30.26	54	WSW	2	c	30.06	-2.4	51	50	-2	SSE	5	og	5	58	46	-		
Roche's Point...	30.23	54	SW	2	c	30.11	-1.5	50	48	-2	SW	3	0	3	54	48	-		
Pembroke ...	30.24	49	WSW	1	c	30.12	-1.2	47	46	+1	WSW	3	0	3	50	45	-		
†Scilly ...	30.31	50	WNW	4	f	30.22	-0.8	51	51	-1	SW	4	0	4	54	44	-		
Prawle Point ...	30.30	48	SW	2	f	30.22	-0.5	47	44	0	WSW	3	f	3	56	46	-		
Hurst Castle ...	30.28	48	WSW	3	c	30.20	-0.5	47	44	0	WSW	4	fd	2	55	45	-		
†Dover ...	30.29	49	ESE	1	a	30.20	-0.4	47	46	+1	WSW	4	of	2	50	42	-		
†London ...	30.26	52	SSE	3	c	30.18	-0.4	51	49	0	SW	2	0	*	59	46	-		
Oxford ...	30.23	52	N	3	c	30.16	-1.0	52	51	+6	SW	2	og	*	60	46	-		
Cambridge ...	30.20	56	S	1	0	30.12	-1.5	53	52	+6	SW	1	on	*	60	45	0.03		
†Yarmouth ...	30.26	45	SSE	3	b	30.12	-1.3	50	44	+5	WSW	2	om	2	50	42	-		
The Helder † ...	30.26	42	NW	1	bc	30.14	-0.4	42	34	0	S	2	0	2	45	39	-		
Cape Gris Nez ...	30.33	44	ESE	1	b	30.26	-0.4	46	46	0	SW	5	m	3	54	43	-		
†Jersey ...	30.35	50	NW	2	b	30.30	-0.1	49	49	+1	WSW	2	of	2	52	44	-		
Brest ...	30.34	53	N	3	0	30.24	-0.1	51	50	+1	W	3	0	2	55	43	-		
Lorient ...	30.32	54	WSW	4	c	30.28	+0.3	51	50	+2	WNW	1	0	2	54	46	-		
†Rochefort ...	30.20	59	NNW	4	bc	30.32	+1.6	50	48	-3	ESE	3	b	2	66	45	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	30.25	+0.3	45	41	+3	SW	3	0	*	52	39	-		
Charleville ...	29.93	48	N	5	0	30.33	+1.6	35	32	-5	E	1	b	*	54	34	-		
Paris ...	30.30	55	N	1	bc	30.33	+1.0	49	45	+2	Z	0	b	*	*	*	-		
Lyons ...	30.21	50	N	3	b	30.34	+2.2	42	38	0	NW	4	b	*	53	36	-		
Toulon ...	29.94	51	E	4	bc	30.04	+1.0	53	42	+4	NE	4	b	5	61	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.05	48	SW	3	0	28.32	-1.3	44	44	+4	SW	4	mo	*	54	42	0.01		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.14	45	41	WNW	4	c	3	Valentia ...	30.32	55	52	W	2	om	3
Sumburgh Head								Scilly ...	30.32	54	53	WNW	3	of	4
Stornoway ...								Dover ..	30.28	49	45	ESE	2	b	1
Aberdeen ...	30.14	52	43	S	3	bc	1	London ...	30.24	56	50	SSE	1	cm	*
Shields ...	30.18	47	45	E	1	m	3	Yarmouth ...	30.26	47	44	SSE	3	b	2
Ardrossan ...	30.14	50	49	SW	2	c	1	Jersey ...	30.30	50	49	W	3	bc	3
Mullaghmore ...	30.21	53	52	N	4	0	3	Rochefort ...	30.24	63	54	N	5	bc	2
Holyhead ...	30.25	53	51	SW	3	0	2								

The weather is very quiet. Light or moderate breezes, very variable in direction, prevail generally, with moderately clear skies in the E. and overcast skies and mist in the W.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale: a, 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 30th APRIL.

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.)

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WEATHER CHARTS

for 8 a.m. on SATURDAY 30TH APRIL

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;

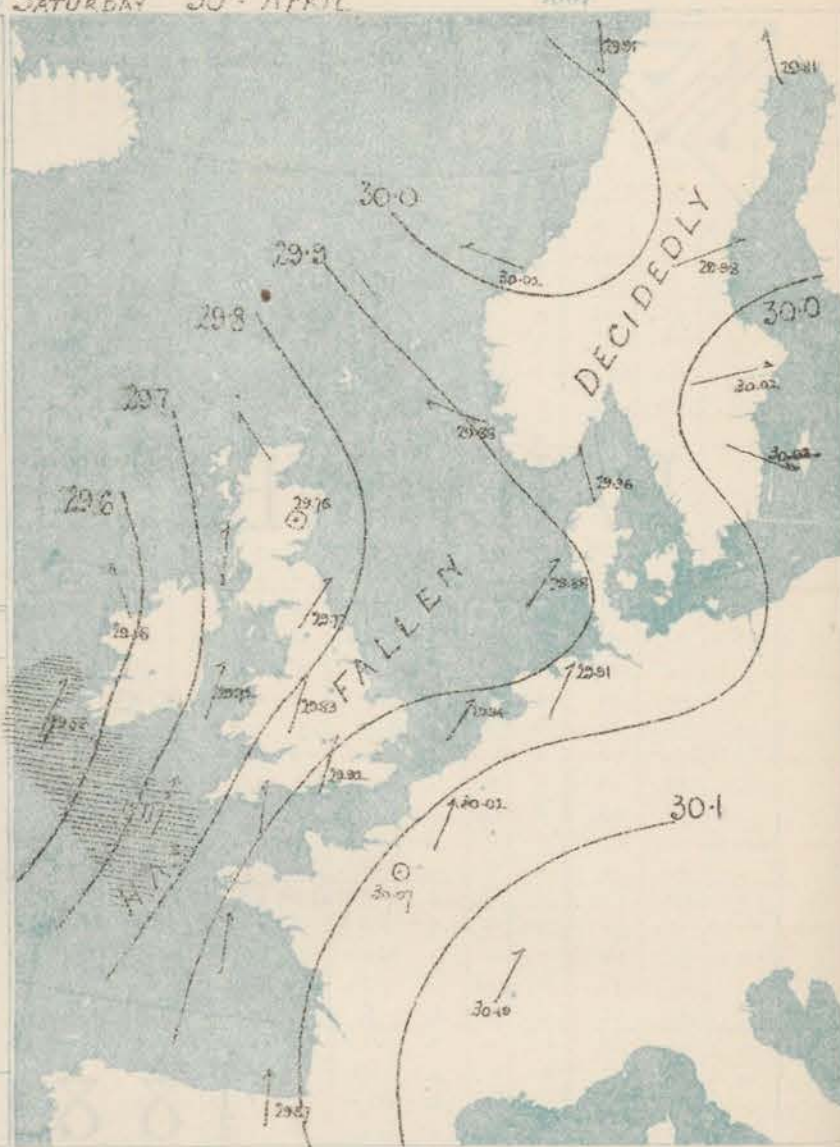
thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of April

Stations.	Mean Readings Inch
Nairn	29.866
Aberdeen	29.861
Leith	29.894
Scarborough	29.922
Ardrossan	29.903
Greencastle	29.894
Holyhead	29.921
Valencia	29.929
Roche's Pt.	29.858
Plymouth	29.978
LONDON	29.966
Yarmouth	29.948

*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 April

Stations	Temp.	Rain-fall
	°	inch
Sumburgh Head	42.7	1.85
Sarnoway	43.9	2.87
Aberdeen	45.3	2.14
Shields	46.4	1.72
York	47.0	1.70
Mullaghmore	47.5	?
Holyhead	48.2	1.67
Parsonstown	48.6	1.95
Valencia	49.5	3.64
Sally (St. Mary's)	51.8	2.07
Hurst Castle	49.5	?
Dover	48.8	1.89
LONDON	49.2	1.48
Yarmouth	47.5	1.73

*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

On Saturday 30th April. 1887. at 8 a.m.

During the past night the barometer has fallen decidedly over the whole of Western Europe, but a considerable change has occurred in the distribution of pressure. The decrease has been very much more considerable on our west and south-west coasts and in the west of France than it has been in the north-east and in consequence the area of lowest pressure now lies off our N. and S.W. coast instead of over Scotland. This change has caused the winds to back generally, and S^W breezes moderate or light in force prevail over nearly the whole of these Islands and France, with E^W winds in the north of Scotland and N. of Norway. The weather is fine over France, and the extreme SE. of England, but is dull and unsettled elsewhere, with thick mist or drizzling rain in many places. During the past 24 hours rain has fallen generally. Temperature has decreased except in the SE. and E., and reading range over these Islands from 54° in London to 44° at Wick. During yesterday the thermometer rose to about 60° over our Central and Eastern districts. The sea is slight except in the south-west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
1st MAY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light to moderate breezes from S. and SE.; cloudy, slight rain.
2 SCOTLAND EAST	D° D° D°
3 ENGLAND N.E.	SW ^W breezes, light; dull, some rain.
4 ENGLAND EAST	S ^W and SE ^W winds, light or moderate; cloudy and close then some rain.
5 MIDLAND COUNTIES	D° D° D°
6 ENGLAND SOUTH	D° D° D°

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SE ^W winds, moderate; dull, misty.
7 ENGLAND N.W.	S ^W winds, moderate and strong; dull, some rain.
8 ENGLAND S.W.	D° D° D°
9 IRELAND NORTH	S ^W winds, fresh or strong; dull, misty, some rain.
10 IRELAND SOUTH	D° D° D°
WARNINGS	The south cone was hoisted last evening in districts Nos 7, 8, and 10.

METEOROLOGICAL OBSERVATIONS FOR

30th APRIL

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 33° F. 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 33° 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 ...	29.73	19	SW	2	6	29.91	+13	19	15	-11	S	2	6	*	37	19	-		
Hernösand ...	29.97	31	S	0	6	29.98	+01	34	29	+1	WSW	2	6	*	43	25	-		
Stockholm ...	30.02	33	WSW	2	6	30.02	+01	39	33	+3	W	2	6	*	43	25	-		
Wisby ...	30.04	34	SW	2	6	30.02	+04	36	34	+2	WSW	2	6	*	43	24	-		
Bodö ...	29.91	34	NW	2	0	29.91	-04	34	34	+4	N	4	0	*	47	30	-		
Christiansund ...	30.02	35	NE	1	6	30.02	-04	35	33	0	ESE	2	6	1	37	19	-		
†Skudesnaes ...	29.96	41	S	4	0	29.88	-15	41	40	+2	ESE	2	0	3	43	39	-		
Oxö (Xtiansund) ...	30.00	40	S	2	0	29.93	-17	39	39	+3	E	2	4	1	43	?	-		
Skagen (The Skaw)	30.04	40	Z	0	0	29.96	-13	42	42	+3	SSE	3	0	0	46	39	0.08		
Fanö ...	30.03	42	S	4	1	29.88	-29	45	45	+4	SW	2	0	*	46	41	0.20		
Cuxhaven ...	30.08	48	WSW	2	6	29.91	-31	49	47	+5	SW	1	0	*	50	34	0.03		
†Sumburgh Head																			
†Stornoway																			
Wick ...	29.84	50	N	1	0	29.78	-16	44	44	0	SE	2	0	3	52	37	0.25		
Nairn ...	29.88	52	Z	0	0	29.76	-18	48	47	-4	E	1	0	1	57	47	0.05		
†Aberdeen ...	29.88	50	Z	0	NM	29.76	-20	46	46	-9	NE	1	0	1	60	45	0.31		
Leith ...	29.90	51	N	1	0	29.74	-24	51	43	0	ESE	1	0	*	61	43	0.01		
†Shields ...	29.93	57	Z	0	0	29.77	-26	51	49	+3	SW	2	0	2	59	46	-		
Spurn Head ...	29.94	52	WSW	2	0	29.83	-25	49	49	0	SSW	2	0	2	57	46	-		
York ...	29.99	53	N	1	0	29.81	-24	50	49	-3	S	1	0	*	61	47	0.02		
Nottingham ...	30.02	56	SW	2	0	29.83	-24	52	50	-4	SSW	3	0	*	63	49	-		
†Ardrossan ...	29.91	56	Z	0	0	29.72	-30	50	49	+1	S	1	0	1	51	46	0.20		
†Mullaghmore ...	30.05	55	SW	3	0	29.58	-44	51	49	+1	SSE	4	0	3	58	49	0.09		
Donaghadee ...	29.93	50	W	2	0	29.70	-25	46	46	-7	SSE	2	0	0	57	45	0.08		
Parsonstown ...	29.93	55	S	1	0	29.62	-46	52	50	+1	S	1	0	*	59	42	0.28		
Barrow-in-Furness	29.96	48	SW	2	0	29.77	-29	49	49	+2	SSE	3	0	3	51	46	0.12		
†Holyhead ...	29.95	49	SW	3	0	29.72	-38	48	48	+1	SSW	2	0	2	51	46	0.13		
Liverpool (Bidston)	29.99	52	SW	2	0	29.77	-32	51	50	-1	SE	2	0	1	58	43	0.04		
†Valentia ...	29.86	52	S	6	0	29.56	-49	49	48	-2	WSW	4	0	5	55	47	0.31		
Roche's Point ...	29.81	50	SSE	4	N	29.61	-50	49	47	-1	S	4	0	4	55	43	0.49		
Pembroke ...	30.00	49	SSW	2	0	29.72	-40	47	47	0	S	4	0	3	51	46	0.14		
†Scilly ...	30.07	53	SW	5	0	29.77	-45	51	51	0	SSW	5	0	5	54	49	0.02		
Prawle Point ...	30.10	48	SSW	3	0	29.86	-36	48	47	+1	SSE	4	0	4	50	40	-		
Hurst Castle ...	30.12	48	WSW	4	0	29.91	-29	50	50	+3	S	3	0	2	51	47	-		
†Dover ...	30.08	48	SW	3	0	29.96	-24	48	47	+1	SW	1	0	0	50	46	0.06		
†London ...	30.08	56	S	3	0	29.92	-26	54	51	+3	SSW	3	0	*	59	49	0.09		
Oxford ...	30.05	53	SSW	5	0	29.88	-28	52	49	0	S	3	0	*	53	49	0.04		
Cambridge ...	30.04	56	SW	1	0	29.88	-24	53	51	0	SSW	1	0	*	63	43	0.10		
†Yarmouth ...	30.02	57	W	2	0	29.91	-21	53	52	+3	SW	2	0	2	60	43	0.04		
The Helder ...	30.01	47	SW	1	0	29.94	-23	47	46	+5	SW	2	0	2	48	41	0.03		
Cape Gris Nez																			
†Jersey ...	30.20	52	WSW	2	0	29.95	-35	51	49	+2	S	4	0	3	57	46	-		
Brest ...	30.14	53	WSW	4	0	29.88	-39	51	51	0	S	3	0	4	55	43	-		
Lorient ...	30.15	55	SW	3	0	29.95	-33	55	52	+4	S	5	0	3	57	48	-		
†Rochefort ...	30.19	59	NW	4	0	30.00	-32	51	46	+1	SE	7	0	2	63	43	-		
Biarritz ...	30.13	64	E	4	0	29.97	-35	53	53	+13	S	5	0	3	70	47	-		
Corunna ...	*	*	*	*	*	30.01	-19	62	*	-2	WSW	2	0	1	*	*	*		
Brussels ...	*	*	*	*	*	30.02	-23	53	50	+8	SW	5	0	*	56	?	-		
Charleville ...	30.16	58	WSW	1	0	30.08	-25	47	41	-12	S	1	0	*	63	32	-		
Paris ...	30.19	59	Z	0	0	30.07	-26	63	43	+4	SE	1	0	*	*	*	-		
Lyons ...	30.23	53	N	3	0	30.19	-15	43	39	+1	SW	1	0	*	57	35	-		
Toulon † ...	30.13	54	WSW	3	0	30.17	-10	52	47	-1	E	5	0	2	59	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.75	45	WSW	3	0	28.54	-28	46	46	-1	S	2	0	*	51	43	0.24		

HIGH LEVEL STATION.

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

Hawes Junction	28.75	45	WSW	3	0	28.54	-24	46	46	-1	S	2	0	51	43	0.24
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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 ...	30.00	42	42	SSE	4	0	4	Valentia ...	29.94	54	53	SSE	6	0	6
Sumburgh Head								Scilly ...	30.13	53	53	SW	4	0	4
Stornoway ...								Dover ..	30.14	49	48	SW	4	0	3
Aberdeen ...	29.90	54	50	SSE	1	0	1	London ...	30.10	58	55	SW	4	0	*
Shields ...	29.97	58	53	W	2	0	0	Yarmouth ...	30.05	60	55	WSW	3	0	2
Ardrossan ...	29.96	49	48	SW	1	0	1	Jersey ...	30.25	54	52	WSW	2	0	2
Mullaghmore ...	29.92	56	52	SW	4	0	3	Rochefort ...	30.28	63	55	NW	4	0	2
Holyhead ...	30.03	51	49	SW	4	0	3								

Cloudy and close weather prevails in most parts of the country with moderate SW winds in most places and strong SSE winds in N. Ireland. The barometer is falling everywhere - quickly at Valentia.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR APRIL 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. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.		
				Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).							
1 st	Sunbury Head	30.04	33	NE	3	C	30.11	+ .18	30	29	- 1	NE	3	C	3	35	30	-		
"	Stornoway	30.02	32	WNW	2	C	30.06	+ .05	37	35	- 2	NE	6	C	6	46	35	0.09		
"	Corunna	"	"	"	"	"	29.46	+ .02	38	"	- 8	SE	1	C	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.15	"	31	29	- 2	NE	5	C	4	"	"	"		
"	Stornoway	"	"	"	"	"	30.12	"	41	38	- 3	ENE	6	C	6	"	"	"		
2 nd	Sunbury Head	30.19	38	NNE	5	C	30.26	+ .15	29	26	- 3	N	3	C	3	33	26	-		
"	Stornoway	30.14	35	ENE	6	C	30.27	+ .21	35	34	- 1	E	4	C	3	41	30	-		
"	Corunna	"	"	"	"	"	29.44	- .02	54	"	- 4	ENE	1	Op	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.30	"	32	29	- 3	N	3	C	3	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.20	"	35	34	- 1	ENE	4	C	3	"	"	"		
3 rd	Sunbury Head	30.28	31	NW	3	C	30.12	- .14	33	33	+ 4	NE	3	C	3	34	29	0.03		
"	Stornoway	30.31	35	E	4	C	30.29	+ .02	42	41	+ 1	NE	1	C	2	42	20	-		
4 th	Sunbury Head	30.18	36	NNW	3	C	30.13	+ .01	39	35	+ 4	N	2	C	2	39	29	0.08		
"	Stornoway	30.24	40	NNW	1	C	30.22	- .07	40	40	- 2	N	0	C	0	44	37	-		
"	Corunna	"	"	"	"	"	29.38	- .12	58	"	+ 1	E	1	Op	5	"	"	"		
"	Ljors	29.52	53	SE	1	C	29.63	+ .13	49	47	- 2	N	1	C	2	7	46	0.12		
"	Sunbury Hd 2pm	"	"	"	"	"	30.09	"	45	43	- 2	N	3	C	2	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	"	"	45	43	- 2	SE	3	C	2	"	"	"		
5 th	Sunbury Head	30.06	40	W	3	C	29.92	- .21	40	39	+ 1	N	3	C	2	41	35	0.08		
"	Stornoway	30.17	40	ENE	1	C	30.08	- .19	43	40	+ 3	N	1	C	1	45	35	-		
"	Corunna	"	"	"	"	"	29.38	00	50	"	- 8	SE	1	C	1	"	"	"		
"	Sanseles	"	"	"	"	"	29.78	+ .21	35	30	+ 4	ENE	5	C	"	47	31	-		
"	Sunbury Head 2pm	"	"	"	"	"	29.90	"	42	40	- 2	N	4	C	3	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.01	"	42	45	- 3	N	2	C	1	"	"	"		
6 th	Bodo	29.62	23	N	4	C	29.76	+ .16	22	19	- 3	NW	4	C	2	25	18	-		
"	Christiansand	29.72	31	NW	1	C	29.92	+ .27	28	26	- 2	NW	6	C	4	34	18	-		
"	Sunbury Hd	29.90	43	N	2	C	30.02	+ .10	35	33	- 2	ENE	3	C	3	47	32	0.03		
"	Stornoway	29.99	45	N	2	C	29.98	- .05	47	45	+ 2	N	0	C	0	48	38	-		
"	Corunna	"	"	"	"	"	29.42	+ .04	51	"	+ 1	E	1	C	5	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.06	"	36	33	- 3	NNW	2	C	2	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.02	"	44	43	- 1	SE	1	C	1	"	"	"		
7 th	Sunbury Head	30.11	36	NE	3	C	30.25	+ .23	38	34	+ 4	N	1	C	2	38	28	-		
"	Stornoway	30.03	45	N	0	C	30.16	+ .18	46	46	- 1	N	0	C	0	48	39	0.08		
"	Sunbury Hd 2pm	"	"	"	"	"	30.29	"	40	37	- 3	S	3	C	3	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.18	"	48	46	- 2	SE	2	C	1	"	"	"		
8 th	Sunbury Head	30.29	38	S	3	C	30.31	+ .06	36	34	- 2	SE	2	C	1	42	31	-		
"	Stornoway	30.18	45	SE	2	C	30.18	+ .02	41	40	- 1	SE	1	C	2	48	29	-		
"	Sunbury Head	30.29	38	S	3	C	30.31	+ .06	36	34	- 2	S	4	C	4	42	31	-		
"	Stornoway	30.18	45	SE	2	C	30.18	+ .02	41	40	- 1	SE	1	C	2	48	29	-		
"	Corunna	"	"	"	"	"	29.96	"	39	"	"	N	1	C	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.29	"	38	35	- 3	S	4	C	4	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.17	"	44	42	- 2	SE	2	C	2	"	"	"		
9 th	Sunbury Hd	30.24	38	S	4	C	30.20	- .11	38	36	+ 2	S	4	C	4	40	33	-		
"	Stornoway	30.16	41	SE	2	C	30.11	- .07	42	41	+ 1	SE	2	C	2	44	28	-		
"	Sunbury Hd 2pm	"	"	"	"	"	30.18	"	40	37	- 3	S	4	C	4	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.06	"	46	45	- 1	SE	3	C	3	"	"	"		
10 th	Sunbury Hd	30.16	40	S	4	C	30.10	- .10	38	35	- 3	S	5	C	5	42	33	-		
"	Stornoway	30.02	48	S	3	C	29.95	- .16	46	45	+ 1	E	2	C	2	48	32	-		
11 th	Sunbury Head	30.08	40	S	5	C	30.02	- .08	40	38	+ 2	S	5	C	5	44	36	-		
"	Stornoway	29.87	47	N	0	C	29.82	- .13	44	42	- 2	SE	2	C	2	53	36	-		
"	Corunna	"	"	"	"	"	30.11	+ .20	57	"	- 4	SE	1	C	5	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.02	"	46	42	- 4	SE	5	C	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.78	"	53	48	- 5	SE	4	C	3	"	"	"		
12 th	Sunbury Hd	29.99	40	SE	6	C	29.94	- .08	42	40	+ 2	SE	6	C	6	46	37	-		
"	Stornoway	29.75	48	ENE	3	C	29.67	- .15	48	46	+ 2	SE	4	C	3	53	40	-		
"	Corunna	"	"	"	"	"	29.87	- .24	60	"	+ 3	SE	1	C	5	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	29.94	"	41	40	- 1	SE	6	C	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.64	"	50	49	- 1	SE	4	C	3	"	"	"		
13 th	Sunbury Hd	29.91	41	SE	6	C	29.97	+ .03	43	42	+ 1	SE	6	C	6	45	40	0.06		
"	Stornoway	29.63	47	SE	4	C	29.97	+ .30	49	49	+ 1	SE	2	C	2	51	45	0.08		
"	Corunna	"	"	"	"	"	29.83	- .04	67	"	- 3	SE	1	C	5	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.06	"	42	42	- 1	SE	6	C	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.84	"	51	50	- 1	SE	4	C	3	"	"	"		
14 th	Sunbury Hd	30.09	42	SE	6	C	30.17	+ .20	43	41	- 2	SE	5	C	6	43	37	-		
"	Stornoway	29.86	50	SE	2	C	29.95	- .02	46	46	- 1	N	0	C	0	52	44	0.06		
"	Corunna	"	"	"	"	"	30.00	+ .17	56	"	- 1	SE	1	C	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.17	"	45	43	- 2	SE	5	C	6	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	29.94	"	54	52	- 2	SE	1	C	0	"	"	"		
15 th	Sunbury Hd	30.17	43	SE	3	C	30.14	- .03	44	41	+ 3	SE	5	C	6	47	39	0.02		
"	Stornoway	29.93	51	NE	2	C	29.94	- .01	48	46	+ 2	E	2	C	2	56	38	-		
16 th	Sunbury Hd	30.13	42	SE	3	C	30.25	+ .11	45	42	+ 3	SE	1	C	3	47	35	-		
"	Stornoway	29.97	53	N	0	C	30.12	+ .18	51	48	+ 3	E	1	C	1	54	35	-		
"	Corunna	"	"	"	"	"	29.75	- .03	57	"	- 20	E	1	C	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.26	"	47	44	- 3	SE	2	C	3	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.15	"	56	52	- 4	ENE	2	C	2	"	"	"		
17 th	Sunbury Hd	30.25	42	E	2	C	30.32	+ .07	47	42	+ 5	NE	2	C	2	50	34	-		
"	Stornoway	30.16	54	E	3	C	30.24	+ .12	48	46	- 2	ENE	3	C	3	58	35	-		
18 th	Sunbury Hd	30.30	42	SE	2	C	30.27	- .05	44	43	- 1	N	0	C	2	49	35	-		
"	Stornoway	30.26	45	NE	3	C	30.31	+ .04	48	46	- 2	NE	4	C	4	57	31	-		
"	Corunna	"	"	"	"	"	29.58	+ .02	62	"	- 4	SE	1	C	1	"	"	"		
"	Sunbury Hd 2pm	"	"	"	"	"	30.30	"	38	34	- 4	N	4	C	3	"	"	"		
"	Stornoway 2pm	"	"	"	"	"	30.24	"	46	44	- 2	ENE	4	C	4	"	"	"		
19 th	Sunbury Head	30.29	34	N	4	C	30.25	- .02	34	32	- 2	N	4	C	3	44	31	-		

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. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
				Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
18 th	Stornoway	30.35	40	NE	5	bc	30.36	+ .05	39	37	- 1	0	NE	5	0	4	50	36	-
"	Corunna	"	"	"	"	"	29.63	+ .05	51	"	- 1	0	"	"	"	2	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	30.18	"	33	"	- 1	0	"	"	"	"	"	"	"
19 th	Stornoway 2pm	"	"	"	"	"	30.31	"	40	40	-	-	NE	4	0	4	"	"	"
"	Sumburgh Hd	30.14	36	NE	4	0	29.98	- .24	38	38	+ 4	"	NE	4	bc	4	38	31	-
"	Stornoway	30.27	38	NE	4	0	30.11	- .26	35	35	- 5	"	NE	6	"	4	40	31	0.06
"	Corunna	"	"	"	"	"	29.59	- .04	59	"	+ 7	"	NE	4	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.90	"	37	35	-	"	NE	5	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	30.04	"	44	42	-	"	NE	5	"	"	"	"	"
20 th	Haparanda	29.78	26	NE	4	0	29.51	- .40	27	24	- 2	"	NE	6	"	"	32	21	-
"	Hernand	"	30	NE	6	"	29.50	- .00	28	27	0	"	"	9	"	"	36	19	0.08
"	Sumburgh Hd	29.84	38	NE	5	0	29.70	- .28	38	34	0	"	"	4	"	"	42	32	0.02
"	Stornoway	30.06	40	NE	5	"	29.84	- .24	39	38	+ 4	"	NE	1	"	"	44	32	0.05
"	Corunna	"	"	"	"	"	29.78	+ .19	58	"	- 1	"	NE	2	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.61	"	38	35	-	"	NE	4	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.73	"	48	46	-	"	WNW	2	"	"	"	"	"
21 st	Haparanda	29.36	26	E	2	S	29.31	- .30	30	28	+ 3	"	NE	2	"	"	32	23	0.04
"	Hernand	29.38	24	"	0	0	29.36	- .14	30	26	+ 2	"	WNW	2	"	"	39	21	0.08
"	Sumburgh Hd	29.59	38	E	2	"	29.79	+ .09	42	39	+ 4	"	"	4	"	"	43	34	0.04
"	Stornoway	29.72	47	"	3	"	29.86	+ .02	44	44	- 5	"	"	2	"	"	49	38	-
"	Sumburgh Hd 2pm	"	"	"	"	"	29.87	"	43	39	-	"	"	4	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.96	"	46	44	-	"	NE	3	"	"	"	"	"
"	Haparanda	29.28	23	NE	6	0	29.34	+ .16	19	18	- 11	"	NE	6	"	"	30	"	-
"	Hernand	29.43	32	WNW	8	0	29.66	+ .24	26	22	- 4	"	NE	4	"	"	43	19	-
"	Sumburgh Hd	29.93	42	NE	3	"	29.78	- .01	42	39	0	"	SW	4	"	"	45	30	0.01
"	Stornoway	29.99	45	NE	3	"	29.82	- .04	45	43	+ 1	"	NE	2	"	"	46	40	-
"	Corunna	"	"	"	"	"	30.09	+ .07	54	"	+ 5	"	"	4	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.68	"	43	40	-	"	SW	4	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.72	"	49	47	-	"	WNW	6	"	"	"	"	"
22 nd	Sumburgh Hd	29.65	43	WSW	3	"	29.72	- .06	45	43	+ 3	"	WSW	3	bc	3	46	36	0.03
"	Stornoway	29.79	47	NE	6	bc	29.80	- .02	47	47	+ 2	"	SW	5	"	"	49	37	0.09
"	Sumburgh Hd	29.54	44	"	4	"	29.12	- .60	45	43	0	"	WSW	6	"	"	48	35	0.36
"	Stornoway	29.46	49	SW	6	"	29.49	- .31	49	46	+ 2	"	WNW	8	bc	"	50	40	0.34
"	Corunna	"	"	"	"	"	30.45	+ .08	56	"	- 4	"	SE	1	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.10	"	44	43	-	"	WSW	7	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.71	"	47	46	-	"	WNW	7	"	"	"	"	"
23 rd	Sumburgh Hd	29.18	40	W	8	"	29.60	+ .48	38	34	- 7	"	NNW	4	"	"	47	35	0.05
"	Stornoway	29.54	45	NE	7	bc	29.71	+ .22	46	43	- 3	"	WNW	7	bc	6	49	34	0.18
"	Corunna	"	"	"	"	"	30.44	- .01	55	"	- 1	"	W	1	bc	5	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.79	"	40	36	-	"	NNW	3	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.88	"	50	47	-	"	NE	3	bc	4	"	"	"
24 th	Sumburgh Hd	29.86	41	WNW	3	"	30.01	+ .41	42	36	+ 4	"	NNW	2	"	"	44	32	-
"	Stornoway	29.44	46	SW	1	"	30.00	+ .29	48	46	+ 2	"	WSW	2	"	"	50	39	0.02
"	Corunna	"	"	"	"	"	30.48	+ .04	52	"	- 3	"	"	1	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	30.04	"	47	39	-	"	SE	2	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	30.03	"	53	50	-	"	W	2	bc	2	"	"	"
25 th	Sumburgh Hd	30.06	43	SE	2	"	30.11	+ .10	40	39	- 2	"	SE	2	"	"	46	35	-
"	Stornoway	30.07	50	W	3	"	30.12	+ .12	50	49	+ 2	"	WNW	2	"	"	58	39	-
"	Corunna	"	"	"	"	"	30.42	- .06	60	"	+ 8	"	NE	1	"	"	"	"	"
"	Lerwick	29.97	58	NE	8	"	29.90	- .00	46	40	0	"	NE	9	"	"	61	45	-
"	Sumburgh Hd 2pm	"	"	"	"	"	30.10	"	43	42	-	"	ESE	2	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	30.10	"	48	48	-	"	SW	2	"	"	"	"	"
26 th	Sumburgh Hd	30.09	42	E	1	0	29.97	- .14	42	41	+ 2	"	SE	2	"	"	45	37	0.01
"	Stornoway	30.03	45	E	3	0	29.90	- .22	50	50	0	"	WSW	1	"	"	51	42	0.09
"	Biarney	30.92	36	NE	7	bc	30.32	+ .07	50	45	- 4	"	SE	4	"	"	59	43	0.08
"	Corunna	"	"	"	"	"	30.21	- .21	64	"	+ 4	"	E	1	"	"	"	"	"
"	Sumburgh Hd 2pm	"	"	"	"	"	29.92	"	42	41	-	"	SE	3	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.88	"	52	51	-	"	"	3	"	"	"	"	"
27 th	Sumburgh Hd	29.90	42	SE	4	0	29.85	- .12	41	39	- 1	"	E	4	"	"	44	37	0.08
"	Stornoway	29.84	50	SW	2	0	29.72	- .18	46	45	- 4	"	E	2	"	"	55	38	0.02
"	Sumburgh Hd 2pm	"	"	"	"	"	29.79	"	45	42	-	"	E	4	"	"	"	"	"
"	Stornoway 2pm	"	"	"	"	"	29.63	"	50	49	-	"	NE	4	"	"	"	"	"
2 CORRECTIONS																			
28 th	Mullaghtmore	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	36	"	0.45
"	Brattle Point	"	"	"	"	"	"	"	46	"	+ 2	"	"	"	"	"	"	"	"
29 th	York	"	"	ENE	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
30 th	Yersey	29.76	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
31 st	Dover	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
1 st	Cambridge	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2 nd	Stam	29.70	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.13
3 rd	Barrow-in-Warwick	"	"	"	"	"	"	"	54	62	- 1	"	"	"	"	"	"	"	0.04
4 th	Rockport	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
5 th	Liverpool	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6 th	Valencia	"	"	"	"	"	29.94	"	"	"	"	"	"	"	"	"	"	"	"
7 th	Spurn Head	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
8 th	Brattle Point	"	"	"	"	"	"	"	51	"	+ 2	"	"	"	"	"	"	"	"
9 th	Shields	"	"	"	"	"	29.95	- .21	"	"	"	"	"	"	"	"	"	"	"
10 th	Leith	"	"	"	"	"	"	"	49	"	+ 1	"	"	"	"	"	"	"	0.01
11 th	Seilly	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.03
12 th	Sturt Castle	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.01
13 th	Leith	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
14 th	Dover	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	45
15 th	London	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.02
16 th	Leith	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0.01
17 th	Sancti Spiritus	"	"	"	"	"	30.26	"	"	"	"	"	"	"	"	"	"	"	"
18 th	Leith	29.91	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"