

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.56	39	2	SW	2	6	16	c	—	1
Aberdeen ...	29.68	44	2	SE	7	4	12	o	—	3
Leith	29.61	41	2	SE	4	5	12	c	—	3
Shields	29.81	49	4	S	4	2	16	m	—	2
Scarboro	29.84	43	3	S	4	6	16	o	—	3
Greencastle...	29.26	49	2	S	9	10	14	o	0.10	7
Galway	29.24	47	1	SSW	6	8	12	c	0.50	7
Valentia						5	16			
Cape Clear ...										
Queenston ...	29.33	51	2	SW	7	6	12	m	—	5
Liverpool ...	29.69	41	1	ESE	4	4	10	o	—	2
Holyhead ...	29.47	48	0	SSE	7	7	14	c	0.09	4
Pembroke ...	29.59	50	1	SSE	5	6	12	t	0.15	6
Penzance ...	29.66	52	1	SW	5	8	12	o	0.15	4
Brest	29.76	52	0	SSW	9	3	10	o	0.08	6
L'Orient	29.61	52	0	S	9	3	6	—	0.04	5
Rochefort ...	30.00	46	0	S	4	3	12	o	—	3
Plymouth ...	29.71	50	1	SSE	8	8	10	t	0.21	5
Weymouth ...	29.78	50	2	S	5	4	10	t	0.07	5
Portsmouth...	29.84	49	2	SSW	5	5	10	o	—	4
London	29.87	43	1	SSE	3	3	10	m	—	—
Dover	29.93	44	1	S	6	3	8	m	—	4
Yarmouth ...	29.92	45	2	SSE	4	5	14	b	—	3
Heligolnd ...	30.18	33	0	SE	7	8	12	f	—	5

from on NE and West coasts - South (on)

Wednesday.

Rain or snow

W to NW and to NE

Strong to a gale -

W to NW

Strong to a gale

with rain -

W to WNW

Strong to a gale

rain

W to WSW

Strong to a gale

with rain

PROBABLE ON THE NORTH EAST COASTS

WEST COASTS

SOUTH COASTS

SOUTH EAST

Thursday.

NE to NW -

Strong - some fall

W to N

Strong - rainy

W to WNW

Strong - rain

W to NW

Strong to a gale

with rain

NORTH EAST=Caithness to Lincoln. WEST=Donegal to Cornwall. SOUTH=English Channel and Biscay Bay Coasts.

SOUTH EAST=Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.22	35	2	SSW	2	3	18	o	0.10	1
Aberdeen ...	29.22	44	2	SSE	3	8	10	o	0.35	3
Leith	29.17	44	2	E	1	4	12	r	—	2
Shields	29.15	47	2	SSE	3	5	16	r	0.32	5
Scarboro	29.17	47	1	S	6	8	16	r	0.61	5
Greencastle...	29.22	40	1	W	2	9	28	o	0.50	7
Galway	29.31	40	2	WSW	2	6	18	c	0.52	4
Valentia	29.44	44	3	NW	4	10	16	o	1.27	5
Cape Clear ...										
Queenston ...	29.25	42	1	WNW	7	8	20	b	0.42	6
Liverpool ...	29.04	47	1	ESE	2	5	12	r	0.08	2
Holyhead ...	29.01	46	0	ENE	4	6	18	r	0.30	3
Pembroke ...	28.97	50	0	NW	9	9	20	r	0.50	9
Penzance ...	29.24	45	1	NW	11	5	24	o	0.85	8
Brest	29.33	48	4	WNW	10	8	20	r	1.26	9
L'Orient	29.29	46	0	W	10	6	20	r	0.98	9
Rochefort ...	29.57	36	2	W	7	4	16	o	0.28	5
Plymouth ...	28.99	50	1	SW	10	9	18	r	0.45	6
Weymouth ...	28.98	51	2	W	2	9	20	c	0.69	6
Portsmouth...	28.99	49	1	SW	4	8	18	c	0.70	3
London	29.04	49	1	S	6	9	18	o	0.21	—
Dover	29.07	51	1	S	10	6	16	r	0.50	7
Yarmouth ...	29.26	49	1	SE	6	6	16	r	—	5
Heligolnd ...	29.42	40	1	S	7	8	16	c	—	5

Sum of force on all coasts Tuesday, Thursday.

PROBABLE ON THE NORTH EAST COASTS

For day.

N₂ to N₂W
Gale - with fall

N₂W to E N₂ WEST COASTS

Gales - rainy - snow on hills

N₂W to N₂ SOUTH COASTS

Strong - to gales - with some rain

N₂W to N₂E and SOUTH EAST

to E S₂ - gales

in places with some rain

Northerly gales
Strong - some snow
as above - but
rainy on coasts, at
times.

N₂W to E N₂ gales
Strong - some rain -
intervals clear -
N₂W to E N₂
and to S₂ -
Strong - squalls -

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and this storm - Wednesday

EIGHT A.M.
Thursday

WEATHER REPORT.

1863. *December 3rd*

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	28.97	34	1	SSW	2	4	18	o	0.21	2
Aberdeen ...	28.95	35	0	NW	2	4	28	S	0.65	3
Leith	28.86	36	1	N	3	4	28	T	0.52	3
Shields	28.81	44	2	SSW	4	6	14	T	0.70	3
Scarboro	28.77	43	1	SSE	9	10	28	T	—	6
Greencastle...	29.10	36	1	NW	3	2	24	S	0.64	3
Galway	29.44	37	1	WNW	10	12	20	C	0.37	7
Valentia	29.61	41	2	NNW	11	3	22	h	0.70	7
Cape Clear ...	29.60	41	0	NW	10	10	28	o	0.50	6
Queenston ...	29.35	40	1	NW	8	5	24	o	0.36	5
Liverpool ...	28.88	44	2	WSW	8	8	22	o	0.36	5
Holyhead ...	29.02	43	3	WNW	9	10	24	C	0.42	6
Pembroke ...	29.27	44	5	NW	9	9	24	b	0.53	9
Penzance ...	29.49	45	2	NW	7	8	24	C	0.55	5
Brest	29.49	50	2	WSW	9	8	26	o	1.94	9
L'Orient	29.41	55	0	SW	9	9	24	T	0.35	8
Rochefort ...	29.80	57	0	SW	8	12	24	T	0.04	8
Plymouth ...	29.34	46	1	W	12	12	24	o	0.25	8
Weymouth ...	29.25	48	4	NW	10	11	28	C	0.87	8
Portsmouth...	29.14	47	0	WNW	11	12	22	T	0.62	9
London	28.98	45	2	W	10	11	24	o	0.63	—
Dover	29.08	50	0	W	10	10	24	T	1.02	8
Yarmouth ...	28.96	49	1	SSW	10	10	28	T	0.90	5
Heligoland ...	29.32	44	2	W	9	8	16	C	0.05	6

Drum on all coasts Wednesday or Tuesday —

Friday.
Northerly gales
Strong — some snow
land — Rain near sea.
WNW to N and NE
Strong — gales at times —
intervals moderate
as next above

PROBABLE ON THE
NORTH EAST COASTS

WEST COASTS

SOUTH COASTS

SOUTH EAST

Saturday.
NE to NW or E
gales in places
Squalls of hail or snow
N to E and back
Strong — clear — squally
NW to NE and SE
Strong — clear.

N to E and SE
Strong to moderate —
clear — but squally —

N. to E and SE
off Fresh — squally
clear

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic). F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.
Friday

WEATHER REPORT.

1863. *December 4th*

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.80	45	3	WNW	5	8	24	C	—	2
Aberdeen ...	29.87	40	2	SW	2	6	32	b	0.45	2
Leith	30.00	43	2	W	3	5	28	o	0.25	3
Shields	30.11	41	3	NW	2	8	28	C	0.40	6
Scarboro	30.11	39	2	W	3	10	32	b	1.02	4
Greencastle...	30.05	44	1	WSW	4	8	28	o	0.18	3
Galway										
Valentia										
Cape Clear ...	30.32	46	2	NW	7	10	28	o	—	7
Queenston ...	30.23	46	2	SW	5	9	28	o	0.22	3
Liverpool ...	Pressure of wind = 43 lbs (on Thursday)									
Holyhead ...	30.25	46	1	WSW	5	11	26	C	—	4
Pembroke ...	30.39	46	3	WNW	4	9	28	C	0.11	6
Penzance ...	30.50	46	3	WNW	1	9	28	C	0.23	3
Brest	30.51	45	3	NW	5	8	26	C	0.16	7
L'Orient	30.51	37	0	NW	3	7	26	C	0.12	5
Rochefort ...	30.63	43	2	NW	1	8	22	b	0.12	3
Plymouth ...	30.48	44	2	W	2	10	24	o	—	3
Weymouth ...	30.42	44	3	WNW	3	10	28	b	0.07	3
Portsmouth...	30.38	43	3	WNW	5	11	26	C	0.08	4
London	30.36	35	1	W	5	11	24	b	0.02	—
Dover	Extreme wind at Lloyds 30 lbs on foot (Thursday)									
Yarmouth ...	30.19	38	1	WNW	6	12	26	b	—	5
Heligolnd ...	29.47	42	0	WNW	12	12	SW	r	0.17	9

W to Saturday. PROBABLE ON THE *Sunday.*
W to W and to SE NORTH EAST COASTS *Unsettled - Squally -*
Gales - with intervals - *Some snow - or rain*
now or rain
W to S and SE WEST COASTS *SE to NE and NW*
Strong - gales at places *Strong - Unsettled -*
Some rain - or snow inland *rainy -*
NNW to NE and SOUTH COASTS *SE to SW and NW*
to SE - Strong *Unsettled - strong*
clear - then rainy *rainy at times*
N to E and SE SOUTH EAST *SE to Land W*
next to strong - clear *Unsettled - Strong -*
then squally *Some rain*

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EIGHT A.M.

WEATHER REPORT.

1863.

December 5th

Saturday

	B.	E.	D.	W.	F.	X.	Q.	L.	R.	S.
Nairn	29.32	51	1	Z	0	9	24	0	0.15	2
Aberdeen ...	29.34	53	4	SW	4	3	22	C	—	4
Leith	29.50	52	3	SW	9	10	24	0	—	5
Shields	29.45	52	4	WSW	4	5	26	C	—	3
Scarboro	29.85	49	3	SW	6	4	24	0	—	4
Greencastle...	29.54	47	1	WSW	4	10	26	T	0.30	3
Galway	29.81	49	1	SW	4	10	12	C	0.45	4
Valentia	29.90	49	0	W	5	8	20	0	0.35	6
Cape Clear ...	29.91	50	0	WSW	10	10	22	M	0.08	9
Queenston ...	29.80	52	1	SW	4	4	24	T	0.16	6
Liverpool ...	29.93	41	3	SSW	6	4	18	0	—	3
Holyhead ...	29.86	51	0	SSW	4	8	18	C	0.15	4
Pembroke ...	30.08	52	2	SSW	8	8	22	M	0.10	9
Penzance ...	30.23	51	2	SW	6	8	20	0	—	4
Brest	30.36	52	3	SW	6	5	22	0	—	6
L'Orient	30.36	50	2	SW	6	3	22	0	—	5
Rochefort ...	30.55	39	0	SW	3	1	28	—	—	1
Plymouth ...	30.25	51	3	SSW	8	5	22	0	—	4
Weymouth ...	30.23	51	3	W	5	3	26	0	—	4
Portsmouth...	30.23	50	2	SW	4	8	24	0	—	3
London	30.18	48	3	WSW	5	4	18	0	—	—
Dover	30.22	52	2	W	4	3	24	f	—	3
Yarmouth ...	30.11	46	1	SW	6	3	26	0	—	3
Heligolnd ...	30.17	45	0	WSW	4	12	26	0	—	3

South (one on all coasts this Saturday morning -

un day. PROBABLE ON THE NORTH EAST COASTS

Strong gales - at intervals - with snow or rain

SW to NNE WEST COASTS

Gales - squalls of hail and snow or rain

SE to SW and NW SOUTH COASTS

Strong to gales - with rain at times

SE to S and SW SOUTH EAST

Strong - to gales some rain in places

Monday. NW to NE

Strong - squally unsettled

W to N and NNE

Strong - unsettled - some falls

W to N and back

Strong - squally unsettled

SW to NW

Strong to fresh - squally some rain

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EIGHT A.M.
Monday

WEATHER REPORT.

1863. December 7th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.60	46	1	W	4	10	22	t	0.52	2
Aberdeen ...	29.47	46	1	WSW	5	7	16	t	0.15	3
Leith	29.79	51	2	W	7	9	20	t	0.40	5
Shields	29.92	51	3	W	9	3	22	b	—	2
Scarboro	30.07	49	2	WSW	4	6	24	o	—	3
Greencastle...	29.92	51	3	WSW	8	4	26	o	0.37	6
Galway	30.15	51	1	SW	4	8	24	m	0.35	7
Valentia	30.30	51	1	WSW	4	6	24	o	0.18	7
Cape Clear ...	30.35	48	1	NNW	5	10	26	o	—	4
Queenston ...	30.22	50	1	W	4	6	24	o	—	3
Liverpool ...	30.19	52	5	SW	5	7	22	c	0.01	3
Holyhead ...	30.21	51	0	SW	6	8	22	c	0.22	3
Pembroke ...	30.33	51	1	W	4	5	26	o	0.10	5
Penzance	30.51	51	2	W	3	7	22	o	—	3
Brest	30.59	45	0	W	3	6	20	f	—	1
L'Orient	30.55	37	0	N	2	6	20	o	—	3
Rochefort ...	30.59	34	1	E	4	3	20	b	—	5
Plymouth ...	30.48	51	2	W	3	5	24	o	—	2
Weymouth ...	30.46	51	3	W	3	6	16	o	0.08	3
Portsmouth...	30.44	50	2	W	5	8	22	o	0.23	4
London	30.38	46	2	WSW	4	8	20	c	0.06	—
Dover	30.44	50	1	W	3	1	24	c	—	2
Yarmouth ...	30.28	45	1	SW	5	8	20	b	—	2
Heligoland ...										

Tuesday.

PROBABLE ON THE
NORTH EAST COASTS

Wednesday.

WEST COASTS

SOUTH COASTS

SOUTH EAST

NORTH EAST=Caithness to Lincoln. WEST=Donegal to Cornwall. SOUTH=English Channel and Biscay Bay Coasts.
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EIGHT A.M.
Tuesday

WEATHER REPORT.

1863. December 8th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.35	4.3	1	SW	7	10	20	T	0.70	9
Aberdeen ...	29.34	51	5	WNW	5	9	22	T	0.10	3
Leith	29.54	48	2	W	8	9	24	O	0.18	5
Shields	29.63	52	4	W	10	10	24	B	—	2
Scarboro	29.80	51	3	SW	4	6	22	O	—	4
Greencastle...	29.66	43	1	WNW	3	9	22	T	0.29	2
Galway	29.75	51	0	SSW	10	10	20	T	0.60	9
Valentia	29.88	52	1	WSW	6	7	22	O	0.22	5
Cape Clear ...	29.99	49	1	WSW	6	6	24	O	—	6
Queenston ...	29.91	51	1	W	5	7	24	O	—	3
Liverpool ...	29.93	50	4	SW	6	6	20	C	—	5
Holyhead ...	29.90	50	0	SSW	9	9	18	C	—	6
Pembroke ...	30.12	49	1	SW	3	6	22	T	0.15	7
Penzance ...	30.26	49	2	WSW	5	3	24	O	—	4
Brest	30.32	50	3	SW	6	4	22	f	—	6
L'Orient	30.32	41	0	ESE	2	2	14	O	—	2
Rocheport ...	30.36	34	0	NE	4	4	2	O	—	5
Plymouth ...	30.27	49	2	SSW	6	5	18	O	—	3
Weymouth ...	30.24	49	2	WSW	5	3	24	O	—	5
Portsmouth...	30.26	50	4	WSW	6	6	24	O	—	4
London	30.19	47	2	SW	5	8	22	O	—	—
Dover	30.24	50	1	SSW	6	4	24	f	—	4
Yarmouth ...	30.09	48	1	W	6	5	22	O	—	3
Heligolnd ...	30.05	46	0	W	6	6	24	O	—	7

Wednesday.
W to N and to S
a gale to fresh
with snow & rain
W to N to NNE
Strong - squally
some rain -
NW to NE
Fresh - squally
then clear
NW to NE
Fresh - Clear - fine

PROBABLE ON THE
NORTH EAST COASTS

WEST COASTS

SOUTH COASTS

SOUTH EAST

Thursday.
Northerly and
back to West - strong -
fall at times -
NW to NNE
Strong - clear
N to E
Fresh - squally
then fine
NNE to ESE -
Fresh - fine

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B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic). F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.

WEATHER REPORT.

1863.

December 9th

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.69	39	3	SSW	4	1	20	C	0.15	2
Aberdeen ...	29.78	39	1	SW	2	5	24	b	0.60	2
Leith	29.86	43	3	W	2	5	24	c	0.13	2
Shields	29.97	43	4	SW	2	6	20	m	—	2
Scarboro	29.99	39	2	WSW	1	5	22	b	0.50	2
Greencastle...	29.92	40	1	WSW	4	1	26	C	0.20	2
Galway	30.02	42	2	WSW	2	4	24	C	0.45	2
Valentia	30.08	44	2	WNW	1	2	4	C	0.37	5
Cape Clear ...	30.08	43	1	NW	2	10	22	C	0.10	2
Queenston ...	29.98	42	1	NW	2	6	30	o	0.51	1
Liverpool ...	30.03	42	1	ESE	—	7	18	—	0.63	—
Holyhead ...	30.02	45	0	Z	0	7	28	C	0.55	2
Pembroke ...	30.05	46	1	NE	1	6	20	o	0.45	1
Penzance	30.10	52	1	Z	0	7	22	t	0.35	3
Brest	30.20	50	1	SW	6	4	20	o	—	4
L'Orient	30.20	46	1	SW	2	3	14	o	—	2
Rochefort ...	30.32	39	0	SE	4	4	12	o	—	6
Plymouth ...	30.07	52	1	SSW	7	7	20	t	0.15	4
Weymouth ...	30.06	52	1	SW	4	5	22	t	0.08	3
Portsmouth...	30.08	51	1	WSW	5	6	22	t	—	4
London	30.04	49	1	SW	6	7	22	t	0.05	—
Dover	30.11	50	1	WSW	6	6	20	t	0.16	4
Yarmouth ...	30.01	48	1	W	4	8	22	t	—	3
Heligoland ...	29.91	44	0	WSW	7	7	22	t	0.10	7

Thursday

PROBABLE ON THE
NORTH EAST COASTS

Strong - some snow
or rain

NW to NE

WEST COASTS

Strong - to fresh
Some snow or rain

NW to NE

SOUTH COASTS

Fresh - cloudy fine

NW to NE

SOUTH EAST

Fresh to Moderate
Cloudy fine

Friday

Northerly
Fresh to Moderate
Some fall in places.
as above

NW to NE

Fresh to Moderate

Cloudy - fine

N to E and SE

Moderate -

Clear fine

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EIGHT A.M.
Thursday

WEATHER REPORT.

1863. December 10th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.60	41	3	SSW	7	8	18	c	0.13	2
Aberdeen ...	29.71	40	3	SW	3	5	16	b	—	2
Leith	29.81	44	2	W	4	6	22	c	—	3
Shields	29.96	48	4	WNW	2	2	26	c	—	2
Scarboro	29.99	44	1	WSW	2	3	24	f	—	2
Greencastle...	29.95	44	1	WSW	4	6	22	o	0.18	3
Galway	30.16	47	1	WSW	2	6	24	c	0.15	2
Valentia	30.26	48	2	WNW	1	2	24	o	0.10	3
Cape Clear ...	30.28	45	1	NW	3	3	28	c	—	3
Queenston ...	30.16	46	1	NW	1	3	28	m.	—	1
Liverpool ...	30.11	48	3	WSW	4	4	22	b	—	3
Holyhead ...	30.11	48	0	WSW	4	4	22	c	—	2
Pembroke ...	30.24	49	2	WNW	2	3	28	c	—	3
Penzance ...	30.34	47	2	WNW	1	0	2	o	—	2
Brest	30.28	50	0	NW	4	5	20	f	0.51	4
L'Orient	30.28	52	0	WSW	3	4	20	f	0.04	3
Rochefort ...	30.39	45	0	SW	3	3	20	o	—	4
Plymouth ...	30.31	47	2	W	2	6	24	o	—	1
Weymouth ...	30.30	46	3	WNW	1	4	20	f	0.19	2
Portsmouth...	30.27	47	3	W	4	5	22	o	0.29	3
London	30.22	38	1	W	3	6	20	m	0.08	—
Dover	30.26	42	2	WNW	1	4	20	b	0.70	1
Yarmouth ...	30.15	39	1	WSW	4	2	2	b	—	2
Heligolnd ...	30.01	46	2	NNW	5	2	22	o	—	6

Friday.

W to N and
to NE. Fresh-some
generally fall in places
W NW to N and E
Fresh - generally fine
NW to NE
Fresh to Moderate
Clear - fine
N to E and S
Moderate -
Clear - fine

PROBABLE ON THE
NORTH EAST COASTS

WEST COASTS

SOUTH COASTS

SOUTH EAST

Saturday.

W NW to N S. and back
Fresh - generally fine
Some snow inland
N or the day to East
Fresh - Clear fine
NW to S NE
Moderate to Light
Clear fine -
N NE to S E
Fresh - Cloudy fine
Some snow inland

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EIGHT A.M.
Friday

WEATHER REPORT.

1863. December 11th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.84	38	2	WSW	3	9	20	0	0.17	1
Aberdeen ...	29.89	40	0	SW	1	7	24	0	—	1
Leith	29.84	44	2	SE	2	6	24	1	0.20	2
Shields	29.98	51	3	NW	1	2	28	1	—	2
Scarboro	30.02	44	2	W	2	3	24	0	—	2
Greencastle...	29.92	51	1	W	5	8	26	0	0.31	3
Galway	30.20	50	0	WSW	4	6	22	1	0.35	4
Valentia	30.32	50	1	WNW	3	3	30	0	0.09	4
Cape Clear ...	30.34	47	1	W	9	9	26	0	—	7
Queenston ...	30.22	51	2	W	2	4	24	0	—	2
Liverpool ...	30.13	49	2	WSW	4	6	24	1	0.02	4
Holyhead ...	30.12	50	0	WSW	5	6	22	1	0.18	3
Pembroke ...	30.30	51	2	WNW	4	4	26	0	—	5
Penzance ...	30.39	50	1	SW	4	2	24	0	—	3
Brest	30.51	48	1	W	4	4	32	0	0.04	2
L'Orient	30.44	46	0	WNW	2	3	22	C	0.04	2
Rochefort ...	30.51	45	0	S	2	4	20	M	—	3
Plymouth ...	30.41	50	2	WSW	4	2	24	0	—	1
Weymouth ...	30.36	50	3	WNW	4	1	26	0	—	3
Portsmouth...	30.34	49	2	W	4	6	26	0	—	3
London	30.24	45	2	WSW	3	5	24	0	—	—
Dover	30.28	48	2	W	2	1	26	0	—	1
Yarmouth ...	30.16	46	1	W	5	6	24	C	—	2
Heligoland ...	29.84	44	2	NW	8	8	26	C	—	8

Saturday.

PROBABLE ON THE
NORTH EAST COASTS

W. NW to NE
and back - or snow
Fresh - some rain
NW to ENE
Fresh - Cloudy - fine

WEST COASTS

NW to NE
Moderate to light
Cloudy fine

SOUTH COASTS

Northward with backing
Moderate
Clear fine

SOUTH EAST

Sunday.

NW to NE
Fresh to Moderate
Some fall
Northward to East
Fresh to Moderate
Generally fine -
as next above

NW to NE
Moderate
Clear fine

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EIGHT A.M.

WEATHER REPORT.

1863. *December 12th*

Satur day

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.63	50	4	WNW	8	10	26	c	0.65	2
Aberdeen ...	29.52	52	0	WNW	7	2	18	b	0.60	3
Leith	29.78	52	2	W	4	6	24	c	0.18	4
Shields	29.84	53	3	NW	8	6	26	c	—	2
Scarboro	29.90	51	3	W	4	6	22	c	—	3
Greencastle...	30.00	52	1	WNW	6	8	24	o	0.10	5
Galway	30.25	50	0	WSW	4	8	22	f	0.07	4
Valentia	30.36	50	0	W	1	3	26	f	0.10	4
Cape Clear ...	30.35	48	1	SW	6	8	26	o	—	5
Queenston ...	30.19	50	1	W	1	5	24	c	—	1
Liverpool ...	30.09	51	2	W	6	8	24	o	0.03	4
Holyhead ...	30.13	51	0	WSW	6	7	22	c	—	4
Pembroke ...	30.29	51	1	WNW	2	5	26	o	—	4
Penzance	30.41	50	1	W	5	3	24	o	—	3
Brest	30.43	50	0	WNW	5	5	24	f	0.04	4
L'Orient	30.39	50	0	W	3	3	22	o	—	3
Rochefort ...	30.47	48	1	WSW	5	3	28	o	—	5
Plymouth ...	30.34	51	1	W	4	2	24	o	—	2
Weymouth ...	30.26	50	1	NW	4	4	26	c	—	4
Portsmouth...	30.24	50	2	WNW	5	5	26	o	—	4
London	30.14	48	2	W	4	8	22	c	—	—
Dover	30.16	51	1	W	2	4	22	o	—	1
Yarmouth ...	30.01	50	1	WNW	5	8	26	c	—	4
Heligolnd ...	29.84	41	0	WSW	2	7	28	o	0.08	4

W to N Sun day
Strong to fresh
Some fall in places
NW to NNE
Strong to Moderate
Generally fine
as next above

PROBABLE ON THE
NORTH EAST COASTS

WEST COASTS

SOUTH COASTS

SOUTH EAST

N Monday
NW to NE
Fresh to Moderate
with some of all
WNW to NNE
Moderate - fine
as next above
NNW to SNE
Moderate to Light
Fine

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f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; c.—clouds (detached); b.—blue sky; s.—sun.

EIGHT A.M.

WEATHER REPORT.

1863.

December 11th

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.14	44	3	SSW	5	7	26	b	—	2
Aberdeen ...	30.19	45	4	SW	2	8	26	b	0.11	2
Leith	30.28	48	2	W	3	5	20	c	—	3
Shields	30.31	50	3	NW	2	2	28	o	—	2
Scarboro	30.31	46	2	WNW	1	5	28	b	—	2
Greencastle...	30.40	48	1	WSW	2	6	28	o	0.12	1
Galway	30.44	48	1	W	2	4	22	f	0.14	2
Valentia	30.43	49	0	S	1	1	24	f	0.19	3
Cape Clear ...	30.44	52	1	SSE	2	2	8	c	—	2
Queenston ...	30.37	52	1	SW	1	4	24	f	—	1
Liverpool ...	30.45	50	2	W	2	4	24	o	—	2
Holyhead ...	30.44	51	2	WSW	2	6	20	c	—	2
Pembroke ...	30.50	51	1	WNW	1	1	26	o	—	1
Penzance ...	30.55	50	0	Z	0	3	26	f	—	2
Brest										
L'Orient	30.43	48	2	NE	2	3	26	f	—	2
Rochefort ...	30.44	45	2	NE	4	2	32	f	0.08	2
Plymouth ...	30.51	51	1	Z	0	2	26	f	—	1
Weymouth ...	30.49	49	1	WNW	1	0	2	o	—	1
Portsmouth...	30.48	46	2	NW	3	4	26	m	—	2
London	30.45	38	1	W	2	7	26	f	—	—
Dover	30.46	48	2	W	1	2	24	b	—	1
Yarmouth ...	30.38	42	1	NW	4	8	28	b	—	3
Heligoland ...	30.12	45	0	WNW	4	9	30	m	—	6

Notes for Tuesday.

PROBABLE ON THE
NORTH EAST COASTS

Wednesday.

WEST COASTS

SOUTH COASTS

SOUTH EAST

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I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain;
s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.
Tues day

WEATHER REPORT.

1863. December 15th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.04	44.6	2	SSW	3	4	20	b	—	1
Aberdeen ...	30.09	41	1	W	1	4	24	f	—	1
Leith	30.14	50	2	W	2	4	24	o	—	2
Shields	30.25	51	3	NW	2	2	28	m	—	2
Scarboro	30.27	45	1	W	1	3	24	c	—	1
Greencastle...	30.22	48	1	WSW	3	1	22	c	—	2
Galway	30.29	48	0	SW	2	4	16	m	0.13	3
Valentia	30.31	48	1	S	1	3	16	f	0.20	3
Cape Clear ...	30.32	50	1	SW	2	2	14	f	0.04	3
Queenston ...	30.26	52	1	SW	2	1	24	o	—	1
Liverpool ...	30.33	50	2	WSW	2	3	24	o	—	1
Holyhead ...	30.31	50	1	SW	3	3	20	c	—	2
Pembroke ...	30.39	50	0	SW	1	1	26	r	—	2
Penzance ...	30.43	50	1	Z	0	1	16	o	—	2
Brest	30.39	48	1	SSW	4	2	8	o	—	4
L'Orient	30.36	39	0	ENE	2	2	6	m	—	2
Rochefort ...	30.39	39	0	NE	5	5	4	b	—	2
Plymouth ...	30.44	52	1	Z	0	0	Z	f	—	1
Weymouth ...	30.42	49	0	Z	0	0	Z	f	—	1
Portsmouth...	30.42	48	1	W	2	3	30	f	—	1
London	30.39	42	1	W	2	3	26	f	—	—
Dover	30.41	40	3	W	1	2	26	o	—	1
Yarmouth ...	30.33	43	1	WNW	4	2	26	m	—	2
Heligolnd ...	30.18	46	0	NW	3	4	30	c	—	3

Wednesday.

PROBABLE ON THE
NORTH EAST COASTS

Thursday.

WEST COASTS

SOUTH COASTS

SOUTH EAST

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EIGHT A.M.
Wednesday

WEATHER REPORT.

1863. December 16th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.26	40	3	SW	7	9	20	c	0.19	3
Aberdeen ...	29.25	42	2	WSW	6	7	18	b	—	3
Leith	29.48	42	2	WNW	4	6	24	f	—	4
Shields	29.61	46	4	NW	7	5	28	b	—	2
Scarboro	29.64	46	1	W	4	6	22	b	—	2
Greencastle...	29.65	39	2	WNW	4	6	22	c	0.19	3
Galway	29.94	41	2	WSW	4	6	24	c	0.25	3
Valentia	30.09	44	4	NW	4	1	18	c	0.22	4
Cape Clear ...	30.06	50	2	NW	5	7	22	c	—	4
Queenston ...	29.96	44	2	NW	4	5	20	o	—	3
Liverpool ...	29.80	44	4	WSW	6	6	22	c	0.06	3
Holyhead ...	29.83	46	1	WSW	7	8	22	c	0.04	5
Pembroke ...	29.99	48	3	NW	4	4	20	c	0.13	5
Penzance	30.11	49	1	NW	4	1	18	o	0.15	3
Brest	30.20	50	2	W	5	3	14	f	—	4
L'Orient	30.20	43	0	SSE	2	2	6	f	—	2
Rochefort ...	30.28	39	0	NW	4	4	4	o	—	3
Plymouth ...	30.06	50	1	SSW	5	2	22	o	—	4
Weymouth ...	30.00	51	2	W	5	0	2	f	—	4
Portsmouth...	30.00	50	2	WSW	5	3	24	o	0.14	4
London	29.95	44	2	WSW	5	4	24	o	—	—
Dover	29.96	54	1	W	6	1	4	o	—	1
Yarmouth ...	29.83	46	1	WSW	5	3	24	c	—	2
Heligolnd ...	29.86	44	0	SW	6	3	24	o	—	4

Thursday

W to N and back to S - a gale with rain

W to NW and N

Strong to a gale

Some rain

W to W and NW

Strong to a gale

rain

as above

PROBABLE ON THE NORTH EAST COASTS

Friday

W to NW and back - strong with rain or snow

W to N and back

Strong - rain

W to N and back

Strong - some rain

as near above

WEST COASTS

SOUTH COASTS

SOUTH EAST

Storm in North East - South (one elsewhere) this day

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.

SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.
Thursday

WEATHER REPORT.

1863. December 17th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.11	40	3	NNW	5	9	24	o	0.10	3
Aberdeen ?	29.86	42	3	NW	7	9	10	c	0.16	4
Leith	30.08	42	3	NW	2	6	24	c	0.17	3
Shields	29.92	45	4	NE	9	5	28	o	—	5
Scarboro	29.75	45	3	NNE	9	10	24	o	0.15	7
Greencastle ...	30.23	41	1	N	4	8	28	o	0.29	2
Galway	30.37	42	1	SW	2	8	24	c	0.27	3
Valentia	30.37	44	2	N	6	10	28	c	0.09	6
Cape Clear ...	30.36	41	1	NW	3	8	28	c	—	3
Queenston ...	30.16	44	2	NW	4	8	26	c	0.07	3
Liverpool ...	30.04	45	4	NW	4	7	24	c	0.12	4
Holyhead ...	30.09	47	3	NNW	8	9	26	c	—	6
Pembroke ...	30.14	46	3	N	4	9	28	o	—	5
Penzance ...	30.22	46	2	N	7	10	28	o	0.15	5
Brest										
L'Orient	30.08	39	1	WNW	3	4	22	h	0.08	2
Rochefort ...	30.12	39	2	NW	6	2	20	c	0.12	5
Plymouth ...	30.10	45	2	NW	8	7	22	b	—	5
Weymouth ...	30.01	45	3	NW	5	5	24	c	0.07	4
Portsmouth...	29.94	45	3	NNW	4	6	22	c	—	3
London	29.85	43	4	NW	6	7	26	o	—	—
Dover	29.85	45	2	NNW	8	6	24	c	0.07	6
Yarmouth ...	29.66	42	1	NNW	8	10	28	t	—	4
Heligoland ...	29.35	42	0	SW	9	9	22	t	—	6

*Drum in NE Wednesday - gone elsewhere
No to Fri day. PROBABLE ON THE North East Coasts Saturday.
NE and back. North-east - varying
Strong - some fall Strong to West
to N and back WEST COASTS Undecided
Strong - rain in places NW to NE and E
to NE and back SOUTH COASTS Strong - some fall
back - strong to fresh. Fresh - Squally
Clear to Moderate Fine
As next above SOUTH EAST NW to NE and back
Fresh - unsettled
to Moderate Fine*

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.
B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade.
D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic).
F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.)
I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain;
s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.
Friday

WEATHER REPORT.

1863. December 18th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.19	46	3	W	5	6	24	o	—	2
Aberdeen ...	30.18	39	3	SW	3	7	30	c	0.10	2
Leith	30.29	45	2	W	3	5	28	o	0.07	2
Ardrossan ...										
Greencastle...	30.46	44	1	WSW	2	5	32	c	—	2
Galway	30.56	45	1	W	2	2	28	r	0.25	3
Valentia	30.58	43	1	Z	0	6	32	o	—	1
Cape Clear ...	30.58	42	1	NE	2	4	2	c	—	2
Queenston ...	30.45	40	1	NW	1	5	32	b	—	1
Liverpool ...	30.52	40	2	SSW	1	5	28	c	—	2
Holyhead ...	30.49	43	1	W	3	6	26	c	—	3
Pembroke ...	30.55	36	2	Z	0	4	32	m	—	1
Penzance ...	30.56	40	3	Z	0	7	32	b	—	2
Brest	30.47	43	3	N	2	6	32	o	0.08	1
L'Orient	30.36	41	1	N	3	4	32	c	—	3
Rochefort ...	30.28	39	0	N	6	6	28	b	—	5
Plymouth ...	30.53	37	1	NNW	2	8	30	b	—	1
Weymouth ...	30.52	34	2	NNW	2	6	28	b	—	1
Portsmouth...	30.46	37	3	NNE	4	8	32	c	—	3
London	30.45	35	2	NE	3	7	32	c	—	—
Dover	30.44	38	1	N	3	10	32	b	—	1
Yarmouth ...	30.39	41	1	NNE	5	6	30	m	—	4
Scarboro	30.42	37	2	WSW	1	9	32	o	—	4
Shields	30.39	42	3	NW	2	2	32	o	—	7
Heligolnd ...	30.19	38	2	N	5	8	2	b	—	4

Saturday.

PROBABLE
ON NORTHERN COASTS

Sunday.

NE to W. Strong
to Moderate
NW to NE - Fresh
to Moderate - fine
as next above

WESTERN
Northernly
Moderate fine
NNE to WNW
Fresh - fine

MIDDLE
NNE to WNW
Fresh - fine

SOUTHERN
NW to NE fine
Moderate to light

EASTERN
NNE to SE
Fresh. to Light fine

NORTHERN=Scotland. WESTERN=Ireland. MIDDLE=Wales and adjacent. SOUTHERN=English Channel and Biscay Bay.
EASTERN=Eastward England and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic). F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (lazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.

WEATHER REPORT.

1863. December 19th

Saturday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.27	48	4	WNW	4	5	28	o	—	2
Aberdeen ...	30.28	48	2	W	3	3	20	c	—	2
Leith	30.35	48	2	SW	2	3	28	c	—	1
Ardrossan ...										
Greencastle...										
Galway	30.59	43	0	W	2	2	26	f	0.10	2
Valentia	30.61	43	0	Z	0	1	30	f	0.08	3
Cape Clear ...	30.56	40	2	NW	2	2	28	c	—	1
Queenston ...	30.50	47	1	NW	1	3	26	f	—	1
Liverpool ...	30.49	47	1	WNW	3	4	24	c	0.01	2
Holyhead ...	30.52	48	0	W	3	4	24	c	—	2
Pembroke ...	30.57	43	1	N	1	1	32	b	—	1
Penzance	30.58	46	0	Z	0	3	6	o	—	2
Brest	30.47	37	1	N	4	4	2	o	—	1
L'Orient	30.47	32	0	NNE	4	4	32	b	—	3
Rochefort ...	30.36	34	1	N	7	6	32	b	—	5
Plymouth ...	30.57	43	1	Z	0	2	32	f	—	1
Weymouth ...	30.53	44	1	NW	1	4	32	o	—	1
Portsmouth...	30.53	43	0	NNW	2	4	2	m	—	2
London	30.50	42	1	W	2	4	4	f	—	—
Dover	30.48	46	1	NNW	1	2	32	m	—	1
Yarmouth ...	30.43	40	1	NW	4	3	30	m	—	3
Scarboro	30.39	44	2	W	2	2	24	b	—	3
Shields	30.41	46	2	NW	2	2	28	o	—	2
Heligoland ..	30.44	47	0	NW	5	3	24	m	—	4

Sun. day.

PROBABLE
ON NORTHERN COASTS

Mon. day.

W to NE - Moderate - Fine

W to E. NE

Moderate to light - Fine

as next above

WESTERN

MIDDLE

N. N. to E. NE.

Moderate to light, fine.

N to E. and S

Moderate to fresh

as next above

N. N. to E. NE

Moderate to light - Fine

N. N. to E.

Moderate to fresh - fine

SOUTHERN

EASTERN

N. N. to E. SE

Moderate to fresh - fine

NE to SE

Fresh to strong

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Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.88	39	2	SW	4	6	26	o	0.12	2
Aberdeen ...	29.91	38	3	SW	3	5	16	o	0.15	2
Leith	29.99	42	2	W	2	5	24	o	—	2
Ardrossan ...										
Greencastle...	30.12	41	1	WSW	3	3	28	c	0.13	2
Galway	30.23	43	2	WSW	2	6	24	c	0.28	2
Valentia	30.28	51	0	WNW	2	3	24	f	0.14	2
Cape Clear ...	30.24	46	1	W	6	6	24	m	—	5
Queenston ...	30.15	49	1	SW	1	5	28	m	0.06	1
Liverpool ...	30.18	44	3	WSW	2	5	24	c	0.02	2
Holyhead ...	30.14	44	1	WSW	3	5	24	c	—	2
Pembroke ...	30.26	47	1	NNW	1	2	28	o	0.10	1
Penzance ...	30.35	49	1	W	3	2	28	o	—	3
Brest	30.39	46	1	NNW	3	3	8	f	—	1
L'Orient	30.36	41	0	W	2	5	2	o	—	2
Rochefort ...	30.43	37	0	NE	4	6	4	o	—	3
Plymouth ...	30.31	48	1	SW	3	0	2	m	—	2
Weymouth ...	30.26	49	1	WNW	3	1	28	c	—	1
Portsmouth...	30.24	46	1	WNW	3	4	28	m	—	2
London	30.22	42	1	W	1	3	28	t	0.08	—
Dover	30.21	47	1	WNW	1	1	24	m	—	1
Yarmouth ...	30.12	39	1	NW	4	3	28	c	—	2
Scarboro	30.10	38	2	W	2	5	24	b	—	3
Shields	30.10	40	3	W	1	2	26	c	—	2
Heligolnd ..	29.94	44	0	NNW	4	4	26	m	—	6

Tuesday.

PROBABLE
ON NORTHERN COASTS

Wednesday.

W to S. Fresh to strong
Some rain or snow
as above
S to W SW
Fresh some rain
as next above
N to SW
Moderate. Showers

WESTERN
MIDDLE
SOUTHERN
EASTERN

W to NW. Strong
Some fall
Snow in places
as above
S to W NW
Strong. Some rain
as next above
W to S
Fresh some rain

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EIGHT A.M.
Tuesday

WEATHER REPORT.

1863. December 22nd

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.96	32	4	NW	4	8	20	c	0.11	2
Aberdeen ...	29.83	31	3	NNW	6	3	18	o	0.07	3
Leith	29.98	34	4	N	4	7	24	c	—	5
Ardrossan ...										
Greencastle...	30.07	39	3	NNE	3	7	24	c	0.15	2
Galway	30.17	45	1	NW	2	4	26	c	0.17	3
Valentia	30.21	48	1	N	5	6	28	f	0.15	3
Cape Clear ...	30.18	46	1	NW	4	9	28	o	—	4
Queenston ...	30.05	50	2	NW	3	5	24	o	—	2
Liverpool ...	29.93	42	3	NNE	2	7	24	c	0.09	3
Holyhead ...	30.01	44	1	NW	7	8	26	c	0.12	5
Pembroke ...	30.00	49	3	NNW	4	4	24	c	—	5
Penzance ...	30.13	51	2	NW	8	5	26	o	0.15	5
Brest	30.16	50	1	NW	7	6	24	o	0.39	5
L'Orient	30.08	50	1	WSW	5	3	24	o	0.04	4
Rochefort ...	30.20	48	0	W	6	5	26	o	0.20	5
Plymouth ...	29.94	50	1	WNW	8	4	24	m	—	5
Weymouth ...	29.92	50	3	NW	4	3	26	o	—	3
Portsmouth...	29.88	48	1	WNW	4	4	26	f	0.15	3
London	29.80	43	3	NNW	9	9	28	h	0.08	—
Dover	29.77	49	2	NNW	4	1	26	f	—	3
Yarmouth ...	29.70	41	1	N	7	9	32	o	—	4
Scarboro	29.76	39	4	N	8	9	24	c	0.25	6
Shields	29.91	35	5	NNW	2	4	30	b	—	2
Heligoland ..	29.16	40	1	NNW	8	3	30	f	0.16	9

Wednesday.

PROBABLE
ON NORTHERN COASTS

Thursday.

W to NE
Strong - some snow or rain

NNW to E NE
Fresh - some fall

W to E NE
Strong to fresh - squally

N to E
Fresh - some fall

W to NE
Strong - some fall

N to E
Fresh to strong

W to NE
Strong - some fall

N to E
Fresh - some fall

W to NE
as next above

N to E
as next above

W to NE
Fresh - some fall

N to E
Fresh to moderate

W to NE
Fresh - some fall

N to E
Fresh to moderate

NORTHERN = Scotland. WESTERN = Ireland. MIDDLE = Wales and adjacent. SOUTHERN = English Channel and Biscay Bay.
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See Notes & Abroad - Saturday & Monday

Note - 22 - 411. 63

In looking back over the
forecasts & data - for
the last two or three days
it is obvious that I
did not take enough notice
of the cols - and the fall
of temperature as well
as barometer - Sunday
and yesterday -

With so considerable
and rather rapid a
fall - from very high
30.50 - to 29.90 this
morning - early - with
cold feeling air - and a
comparatively low temp
Northerly wind - and a
good deal of it - ought
to have been expected that

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.53	49	3	NW	5	7	28	5	—	4
Aberdeen ...	29.46	49	4	NW	5	6	28	C	—	3
Leith	29.60	51	2	W	5	4	28	C	—	4
Ardrossan ...										
Greencastle ...	29.92	50	2	NW	5	7	28	5	0.07	3
Galway	30.20	47	2	W	4	6	28	C	0.11	2
Valentia	30.32	50	3	NW	3	5	32	5	0.07	3
Cape Clear ...	30.31	45	1	NNW	7	7	28	5	—	5
Queenston ...	30.22	49	2	NW	2	6	32	5	—	1
Liverpool ...	29.97	48	2	W	6	6	24	5	0.01	4
Holyhead ...	30.03	49	1	W	7	7	30	C	0.07	4
Pembroke ...	30.21	39	3	NW	4	4	30	C	—	5
Penzance ...	30.34	48	1	NW	4	5	32	5	—	3
Brest	30.36	43	2	NW	3	7	30	5	—	4
L'Orient	30.32	37	1	WNW	2	4	30	C	—	2
Rochefort ...	30.39	34	2	NNE	2	5	28	6	—	3
Plymouth ...	30.28	44	2	WSW	5	8	32	5	—	4
Weymouth ...	30.22	45	2	WNW	5	5	28	5	—	4
Portsmouth...	30.19	42	2	WNW	5	5	4	5	0.11	4
London	30.13	36	1	W	4	7	32	5	—	—
Dover	30.14	37	2	W	3	7	32	C	0.45	2
Yarmouth ...	29.96	36	1	W	6	8	32	5	—	3
Scarboro	29.74	42	2	W	5	8	32	5	—	4
Shields	29.72	48	2	NW	8	2	28	5	—	5
Heligoland ..	29.81	37	0	WNW	5	8	32	C	—	7

*Thursday.*PROBABLE
ON NORTHERN COASTS*Friday.*

NW to SW - strong -
some full down
as above
W to N and back
clear - fine
SW to NW
Fresh - clear
N to W
Fresh to strong

WESTERN
 MIDDLE
 SOUTHERN
 EASTERN

SW to NW
Fresh - unsettled
some snow or
rain in places
as above
W to N
Fresh - clear
as next above

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	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.89	48	4	W	7	3	26	c	—	2
Aberdeen ...	29.93	48	4	WSW	3	8	28	c	—	3
Leith	29.93	48	2	W	2	4	24	c	—	2
Ardrossan ...										
Greencastle...	30.08	47	1	W	3	5	26	c	0.07	2
Galway	30.35	47	1	W	2	4	24	c	0.15	3
Valentia	30.31	49	1	W	1	4	28	o	0.14	2
Cape Clear ...	30.31	46	1	NW	4	7	30	c	—	4
Queenston ...	30.19	48	1	W	1	5	24	o	—	1
Liverpool ...	30.17	47	2	WSW	2	7	24	c	—	3
Holyhead ...	30.18	49	1	W	5	7	24	c	—	3
Pembroke ...	30.27	49	2	NW	2	4	28	c	0.08	3
Penzance	30.26	49	1	NNW	2	6	28	o	—	3
Brest	30.36	45	0	NNW	5	5	30	c	0.71	4
L'Orient	30.28	45	0	NW	2	2	24	c	0.04	2
Rochefort ...	30.36	41	2	NNE	2	2	24	b	—	3
Plymouth ...	30.32	48	1	E	0	5	24	f	—	1
Weymouth ...	30.28	46	1	WNW	2	5	26	c	0.08	2
Portsmouth...	30.21	46	1	NW	3	6	26	o	0.08	2
London	30.20	41	2	WSW	3	5	28	o	—	—
Dover	30.20	48	1	NW	2	5	26	m	—	1
Yarmouth ...	30.11	46	1	WNW	4	7	26	o	—	4
Scarboro	30.02	48	3	WNW	2	7	30	b	—	2
Shields	30.02	47	2	WNW	2	3	28	c	—	2
Heligolnd ..	29.90	40	0	NNW	5	7	30	c	0.15	7

Friday.

Probable
ON NORTHERN COASTS

Saturday.

W to NW: Fresh
fine snow inland
W to NNE
Moderate
W to NNE
Fresh - clear
W to N and E
Moderate - fine

WESTERN
MIDDLE
SOUTHERN
EASTERN

W to NNE
Fresh some rain
as above
W to N and E
Clear Moderate
NE to E and S
Moderate
NW to NE and E
Moderate

NORTHERN = Scotland.

WESTERN = Ireland.

MIDDLE = Wales and adjacent.

SOUTHERN = English Channel and Biscay Bay.

EASTERN = Eastward England and Heligoland.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade.

Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic).

Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N).

Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

1863. December 26th

Satz 27-day

	B.	E.	D.	W.	F.	X.	Q.	L.	R.	S.
Nairn	29.55	39	2	W	4	6	24	σ	-	2
Aberdeen ...										
Leith	29.71	46	2	W	2	6	24	σ	-	2
Ardrossan ...										
Greencastle...	29.80	44	1	W	4	6	22	r	0.20	3
Galway	29.95	46	2	WSW	4	6	22	c	0.21	4
Valentia	30.02	46	2	W	1	5	20	σ	0.35	5
Cape Clear ...	29.99	45	0	SW	6	6	20	m	0.17	6
Queenston ...	29.89	50	1	NW	1	4	20	σ	-	1
Liverpool ...	29.93	47	1	NNW	1	5	18	k	0.04	2
Holyhead ...	29.91	48	1	WSW	3	7	20	σ	0.15	2
Pembroke ...	30.01	50	1	SW	3	4	20	k	0.15	4
Penzance	30.15	52	0	NW	4	6	28	m	-	3
Brest	30.24	50	1	SW	5	3	30	re	0.04	4
L'Orient	30.24	45	0	SW	2	2	26	c	0.12	2
Rochefort ...	30.36	43	2	SW	2	4	32	σ	-	1
Plymouth ...	30.11	51	1	SSW	5	2	18	k	-	4
Weymouth ...	30.08	51	1	SW	4	2	28	k	-	3
Portsmouth...	30.10	49	1	WSW	6	3	20	k	0.08	4
London	30.07	48	2	W	4	5	26	σ	-	-
Dover	30.12	48	1	WSW	5	1	24	f	-	3
Yarmouth ...	29.98	46	1	WSW	5	7	22	σ	-	3
Scarboro	29.84	49	2	WSW	2	6	20	c	-	2
Shields	29.81	46	3	W	2	4	24	c	-	2
Heligolnd ...	29.90	43	0	SSW	4	4	28	σ	-	3

In a gale
Sunday.

PROBABLE
ON NORTHERN COASTS

Monday.

W to NNW and back W to NW.
 Fresh to strong with
 some rain in
 places
 as above and
 to a gale
 W to V. and to NW
 Fresh to strong some rain
 to a gale
 W to NW
 Fresh some rain
 to strong

WESTERN
 Unsettled - raining
 as above
 MIDDLE NW to SW showers
 Fresh to strong some rain
 to a gale
 S to N
 Strong - squally
 W to N and back
 Strong to a gale
 unsettled

SOUTHERN
 EASTERN

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—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth an inch *diminution*; and each ten degrees, above 32°, causing nearly three hundredths *increase*. E.—Exposed thermometer in shade.

—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic).
—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N).
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Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.21	27	—	SSE	1	6	30	5	0.27	4
Aberdeen ...	30.23	28	—	W	3	7	16	5	—	2
Leith	30.26	35	4	SE	1	44	28	m	—	1
Ardrossan ...										
Greencastle...	30.10	38	1	SSE	3	6	32	5	0.31	3
Galway	30.08	46	0	SSW	4	6	12	f	0.38	4
Valentia	30.12	49	0	S	1	2	26	f	0.40	2
Cape Clear ...	30.12	47	1	Z	0	4	22	f	0.52	1
Queenston ...	30.02	47	1	N	2	44	28	5	0.23	1
Liverpool ...	30.13	36	3	SE	3	6	22	5	0.40	3
Holyhead ...	30.19	49	0	SE	4	7	22	f	—	3
Pembroke ...	30.24	42	1	SE	3	5	20	f	0.21	7
Penzance ...	30.22	49	0	WNW	1	5	24	f	0.25	2
Brest	30.20	52	0	WSW	4	6	20	f	0.83	6
L'Orient	30.20	48	0	SE	3	5	22	f	0.16	3
Rochefort ...	30.28	48	0	N	2	3	20	c	—	1
Plymouth ...	30.25	44	2	E	3	2	16	f	—	2
Weymouth ...	30.32	40	2	SE	4	0	2	m	0.06	4
Portsmouth...	30.34	39	3	E	3	5	28	f	—	2
London	30.34	34	2	N	1	8	26	m	0.04	—
Dover	30.37	37	5	N	1	3	32	c	—	5
Yarmouth ...	30.32	35	1	NW	4	6	30	s	—	3
Scarboro	30.28	33	2	NW	1	7	30	s	—	3
Shields	30.30	33	3	NW	1	2	26	m	—	6
Heligolnd ...	30.04	34	0	NNW	7	9	30	s	—	5

*Tuesday.*PROBABLE
ON NORTHERN COASTS*Wednesday.**E to NE - a gale**some snow**E to SW and W**Strong - rain**above - some**snow - with rain**E to ~~NE~~ SW**Strong to a gale -**as next above**with snow*

WESTERN

MIDDLE

SOUTHERN

EASTERN

*NE to NW - Strong**with snow**E to SW and NW**a gale - some snow**SW to NW**Strong - some fall**NE to NW**Strong - some snow**as next above*

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—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (true—two points left of magnetic)

—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force, (NNE=2, to 32=N.)

—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

South Cone on Tuesday - all around

EIGHT A.M.

WEATHER REPORT.

1863. December 29th

Tuesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.75	34	1	Z	0	2	14	S	—	2
Aberdeen ...	29.78	35	1	SSW	2	3	20	S	—	3
Leith	29.74	41	1	WNW	1	2	8	f	0.07	1
Ardrossan ...	29.76	47	3	ENE	6	2	30	t	1.09	4
Greencastle...	29.83	47	1	WNW	4	1	20	t	0.49	2
Galway	29.97	48	1	W	2	6	20	C	0.35	3
Valentia	30.05	51	1	WNW	2	4	20	f	0.19	4
Cape Clear ...	30.04	47	1	WNW	6	6	20	C	—	6
Queenston ...	29.91	50	1	NW	2	5	12	o	—	1
Liverpool ...	29.82	49	1	S	3	3	16	r	0.03	2
Holyhead ...	29.79	50	0	SW	4	5	14	C	0.20	3
Pembroke ...	29.93	51	1	WNW	4	4	24	o	0.22	8
Penzance ...	30.10	51	0	WSW	5	2	24	o	0.15	3
Brest	30.24	50	0	WSW	5	4	22	m	0.04	4
L'Orient	30.20	50	0	WSW	5	2	22	f	0.08	6
Rocheport ...	30.32	48	2	SE	3	3	10	f	—	3
Plymouth ...	30.10	51	1	W	5	3	8	t	—	3
Weymouth ...	30.06	50	1	W	6	4	12	f	0.13	5
Portsmouth...	30.07	49	1	W	5	4	16	o	—	4
London	30.00	49	1	WSW	4	6	24	o	—	—
Dover	30.04	48	0	WSW	2	5	20	f	—	1
Yarmouth ...	29.89	46	1	W	6	4	34	o	—	3
Scarboro	29.78	45	1	SW	3	2	28	o	—	3
Shields	29.77	48	2	W	1	1	24	t	—	2
Heligoland ...	29.93	34	0	WSW	7	3	32	S	0.12	6

Wednesday.

PROBABLE
ON NORTHERN COASTS

Thursday.

W to NW - strong
to NW and NE
Strong - some fall
as next above

WESTERN

MIDDLE

W to N and E
Fresh to strong - rain
W to NW & NE
Strong - some snow

SOUTHERN

EASTERN

J. H. A.

W to NW - strong
to NW and NE
Strong - snow a rain
as next above

N to E and S
Fresh some rain
or snow
as next above

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EIGHT A.M.

WEATHER REPORT.

1863. *December 30th**Wednesday*

	B.	E.	D.	W.	F.	X.	Q.	L.	R.	S.
Nairn	30.03	38	2	WSW	3	1	20	o	0.47	2
Aberdeen ...	30.01	39	1	WNW	2	1	24	f	—	2
Leith	30.07	41	2	W	1	1	24	m	0.25	1
Ardrossan ...	30.15	43	1	ENE	5	6	32	b	0.45	2
Greencastle...	30.16	42	1	WNW	1	3	26	c	0.13	1
Galway	30.20	39	1	ENE	2	2	24	f	—	2
Valentia	30.16	40	1	SE	1	2	32	b	0.08	2
Cape Clear ...	30.22	45	1	NE	3	6	20	c	—	1
Queenston ...	30.28	43	1	NW	2	5	26	m	—	1
Liverpool ...	30.16	44	1	WNW	2	5	26	b	0.09	2
Holyhead ...	30.16	45	0	WSW	4	7	22	c	—	2
Pembroke ...	30.23	42	1	N	1	4	8	m	—	1
Penzance ...	30.24	45	2	Z	0	4	28	c	—	2
Brest	30.24	43	0	N	3	5	22	f	0.20	6
L'Orient	30.20	46	0	NNW	2	4	22	f	0.08	2
Rochefort ...	30.24	48	1	NE	2	2	14	m	—	3
Plymouth ...	30.25	42	1	Z	0	5	24	f	—	1
Weymouth ...	30.22	42	2	NW	2	6	24	b	—	2
Portsmouth...	30.21	42	1	NW	2	8	28	m	—	2
London	30.15	42	2	WNW	2	6	22	c	0.01	—
Dover	30.10	46	4	NW	1	5	22	c	—	1
Yarmouth ...	30.07	43	2	NW	3	6	24	m	—	2
Scarboro ...	30.06	42	2	NW	1	6	28	o	0.35	3
Shields	30.09	41	3	NW	2	2	28	c	0.50	2
Heligoland ...	29.97	35	2	NNE	3	5	14	c	0.15	3

*31st Thursday.*PROBABLE
ON NORTHERN COASTS*1st Friday.*

NW to NNE - fresh.

NW to NE & E.

Moderate to fresh

As next above.

WESTERN

NW to NE & back fresh
to strong - some fall.
NE to SE & SW. strong.

some snow, or rain -

MIDDLE

As next above.

NW to NE

Moderate to fresh - fine.

NW to NE & SE.

Fresh - fine.

SOUTHERN

E to S & W.

moderate to strong - some rain

EASTERN

As next above - for snow*W.H.B.*

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snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Furs day

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	? 30.11	31	—	SSE	2	3	24	b	—	1
Aberdeen ...	30.07	41	1	SE	4	3	30	o	—	3
Leith	29.93	40	2	SSE	1	1	24	m	—	1
Ardrossan ...	29.79	36	1	ENE	5	3	32	c	—	4
Greencastle...	29.71	42	2	ESE	4	1	16	o	—	3
Galway	29.43	47	1	SE	8	2	10	f	0.45	4
Valentia	29.30	47	0	SSW	2	7	14	o	0.87	3
Cape Clear ...	29.37	43	1	SW	3	7	12	c	0.55	6
Queenston ...	29.29	49	1	SE	3	4	12	f	0.81	2
Liverpool ...	29.85	38	1	ESE	3	3	10	f	—	2
Holyhead ...	29.71	49	1	ESE	4	5	22	c	—	2
Pembroke ...	29.53	44	1	SE	7	7	30	f	0.25	8
Penzance	29.56	48	0	S	10	4	14	f	0.70	8
Brest	29.61	50	1	SSE	8	3	18	f	0.35	7
L'Orient	29.69	48	0	S	6	2	12	f	0.28	5
Rochefort ...	29.84	46	1	S	4	2	8	f	0.12	3
Plymouth ...	29.67	45	2	E	8	2	20	f	0.10	5
Weymouth ...	29.79	46	4	SE	5	0	7	o	—	5
Portsmouth...	29.87	44	3	SE	4	3	24	o	—	3
London	29.94	37	2	NE	1	3	28	f	—	—
Dover	29.99	40	1	SSW	2	1	28	f	—	1
Warmouth ...	30.02	40	1	ESE	5	3	28	o	—	5
Scarboro	29.96	40	1	SE	1	3	28	o	—	2
Shields	29.95	38	2	Z	0	2	28	f	—	2
Heligolnd ...	30.21	30	1	ESE	3	3	4	b	—	2

	Probable ON NORTHERN COASTS	
<i>Fri.-day.</i>		<i>Satur.-day.</i>
to NE & NW. strong to le. some snow or rain.	WESTERN	NW to SW & again to N. strong to fresh.
to SW & NW. strong a gale - with rain.	MIDDLE	SW to N. strong to moderate - squally, to moderate
As next above.		As next above
---		---
to SW & NW. fresh a gale - rain at times.	SOUTHERN	SW to NW & NNE.
to S & W. fresh to a	EASTERN	strong to moderate
le. some rain or snow.		As next above.

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