

EIGHT A.M.

WEATHER REPORT.

1863.

July 1st

Wednesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.11 | 54 | 5 | WNW | 1 | 0 | 4 | 6 | — | 1 |
| Aberdeen ... | 30.14 | 56 | 4 | SW | 6 | 5 | 18 | C | 0.25 | 3 |
| Leith | 30.19 | 60 | 6 | E | 1 | 2 | 26 | UL | — | 1 |
| Shields | 30.29 | 58 | 5 | SW | 2 | 2 | 22 | UL | — | 2 |
| Scarboro | 30.31 | 56 | 3 | SW | 1 | 2 | 6 | 5 | — | 1 |
| Greencastle ... | 30.11 | 58 | 4 | S | 5 | 5 | 20 | C | — | 4 |
| Galway | 29.99 | 60 | 2 | SW | 4 | 3 | 24 | 5 | — | 6 |
| Valentia | 29.93 | 58 | 1 | S | 5 | 4 | 16 | 5 | 0.19 | 1 |
| Queenston ... | 30.05 | 60 | 1 | S | 4 | 3 | 20 | 5 | — | 6 |
| Liverpool ... | 30.24 | 58 | 6 | SSE | 2 | 3 | 22 | C | 0.05 | 2 |
| Holyhead ... | 30.20 | 59 | 4 | SSE | 3 | 3 | 22 | C | — | 2 |
| Pembroke ... | 30.23 | 58 | 4 | SSE | 3 | 1 | 20 | C | — | 3 |
| Penzance | 30.21 | 59 | 1 | S | 6 | 4 | 20 | C | — | 4 |
| Brest | 30.20 | 63 | 4 | SE | 4 | 3 | 20 | C | — | 3 |
| L'Orient | 30.20 | 61 | 4 | ESE | 3 | 2 | 20 | 6 | — | 2 |
| Rochefort ... | 30.28 | 61 | 2 | E | 2 | 2 | 24 | 6 | — | 3 |
| Plymouth ... | 30.24 | 61 | 5 | ESE | 5 | 6 | 24 | C | — | 2 |
| Weymouth ... | 30.30 | 61 | 5 | SE | 3 | 3 | 22 | C | — | 2 |
| Portsmouth... | 30.30 | 60 | 5 | SSW | 4 | 4 | 22 | C | — | 2 |
| London | 30.35 | 61 | 8 | SSE | 3 | 4 | 22 | 6 | — | — |
| Dover | 30.38 | 66 | 3 | SW | 2 | 4 | 20 | C | — | 1 |
| Yarmouth ... | 30.35 | 60 | 4 | SSE | 3 | 5 | 32 | UL | — | 1 |
| Helder | 30.39 | 59 | — | WNW | 1 | — | — | 6 | — | 1 |
| Heligoland ... | 30.33 | 58 | 3 | NNW | 3 | 3 | 28 | 6 | — | 2 |

Thurs-day.

PROBABLE.

Fri-day.

to S.W. fresh.

NORTH-EAST S.S.E.

to W. fresh.

fine

fine

E. to W. strong to

WEST

S.S.W. to W.N.W. fresh

moderate - showers -

to light -

S.E. to S.S.W.

SOUTH

S. to W. & N.W.

fresh -

moderate -

to S. & S.W. fresh

SOUTH-EAST

S.S.E. to W. S.W.

moderate - fine -

fresh to moderate, fine

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 2nd

Thursday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.82 | 54 | 2 | W | 1 | 2 | 22 | 0 | — | 1 |
| Aberdeen ... | 29.84 | 55 | 2 | ESE | 2 | 5 | 18 | 5 | — | 2 |
| Leith | 29.81 | 60 | 3 | S | 1 | 2 | 12 | 0 | — | 1 |
| Shields | 29.86 | 62 | 5 | WSW | 2 | 2 | 20 | C | — | 2 |
| Scarboro | 29.88 | 63 | 5 | SW | 3 | 2 | 18 | C | — | 2 |
| Greencastle... | 29.49 | 60 | 2 | N | 2 | 4 | 14 | C | 0.24 | 1 |
| Galway | 29.91 | 63 | 3 | N | 3 | 7 | 20 | C | 0.35 | 2 |
| Valentia | 30.00 | 59 | 1 | N | 2 | 5 | 20 | 0 | 0.44 | 2 |
| Queenston ... | 29.93 | 61 | 1 | WNW | 4 | 9 | 20 | 0 | 0.31 | 4 |
| Liverpool ... | 29.88 | 61 | 4 | SSE | 3 | 3 | 12 | 0 | 0.04 | 2 |
| Holyhead ... | 29.81 | 54 | 1 | S | 3 | 4 | 18 | 5 | 0.18 | 2 |
| Pembroke ... | 29.93 | 58 | 1 | WSW | 4 | 4 | 18 | 5 | 0.24 | 5 |
| Penzance | 30.04 | 58 | 1 | W | 4 | 5 | 16 | C | — | 3 |
| Brest | 30.16 | 61 | 4 | SW | 4 | 5 | 20 | 0 | — | 3 |
| L'Orient | 30.16 | 63 | 3 | SW | 3 | 4 | 16 | 0 | — | 2 |
| Rochefort ... | 30.28 | 66 | 4 | NW | 3 | 2 | 16 | 0 | — | 4 |
| Plymouth ... | 30.06 | 62 | 3 | WSW | 8 | 4 | 12 | 0 | 0.14 | 5 |
| Weymouth ... | 30.06 | 61 | 3 | SW | 4 | 4 | 12 | 0 | — | 3 |
| Portsmouth... | 30.06 | 63 | 5 | SW | 6 | 4 | 14 | 0 | — | 4 |
| London | 30.05 | 62 | 5 | SSW | 4 | 4 | 16 | C | — | — |
| Dover | 30.09 | 66 | 3 | W | 3 | 1 | 20 | C | — | 2 |
| Yarmouth ... | 29.99 | 64 | 5 | SW | 4 | 3 | 16 | 6 | — | 2 |
| Helder | 30.09 | 66 | — | S | 6 | — | — | 6 | — | 3 |
| Heligoland ... | 30.21 | 61 | 3 | S | 6 | 3 | 16 | C | — | 4 |

Fri-day.

PROBABLE.

Saturn-day.

S.W. to N.N.W.

NORTH-EAST

Westerly - fresh to

fresh - showers

moderate. fine -

S.W. to N.W. fresh

WEST

W.S.W. to N.N.W.

to light. showery.

moderate.

S.W. to N.W. & N.

SOUTH

W. to N. moderate

fresh to moderate.

fine.

S.W. to N. fresh

SOUTH-EAST

S.W. to N.W. & N.N.E.

moderate.

moderate - fine -

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M.
Fri day

WEATHER REPORT.

1863. *July 3rd*

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.12 | 52 | 3 | NW | 2 | 1 | 28 | 5 | 0.15 | 1 |
| Aberdeen ... | 30.09 | 54 | 5 | NNW | 5 | 6 | 32 | C | 0.04 | 4 |
| Leith | 30.08 | 62 | 5 | WNW | 1 | 2 | 26 | C | — | 1 |
| Shields | 30.16 | 58 | 3 | WNW | 1 | 2 | 26 | 5 | 0.40 | 4 |
| Scarboro | 30.12 | 59 | 3 | NE | 2 | 5 | 32 | C | 0.56 | 2 |
| Greencastle... | 30.23 | 54 | 5 | NW | 2 | 3 | 24 | C | — | 2 |
| Galway | 30.29 | 61 | 4 | N | 3 | 3 | 32 | 6 | — | 1 |
| Valentia | 30.31 | 54 | 2 | NW | 1 | 2 | 30 | UL | 0.08 | 2 |
| Queenston ... | 30.26 | 60 | 2 | NNE | 3 | 6 | 26 | 5 | — | 3 |
| Liverpool ... | 30.18 | 60 | 4 | WNW | 3 | 5 | 24 | 5 | 0.08 | 3 |
| Holyhead ... | 30.14 | 58 | 2 | W | 3 | 3 | 24 | C | — | 2 |
| Pembroke ... | 30.23 | 58 | 3 | NNW | 1 | 4 | 24 | 6 | — | 2 |
| Penzance ... | 30.26 | 61 | 1 | N | 4 | 5 | 28 | C | — | 3 |
| Brest | 30.33 | 59 | — | WNW | 1 | — | — | 5 | — | 2 |
| L'Orient | 30.24 | 59 | 3 | NNW | 2 | 5 | 22 | 5 | — | 1 |
| Rochefort ... | 30.28 | 61 | 2 | NW | 4 | 4 | 28 | 6 | — | 2 |
| Plymouth ... | 30.24 | 63 | 5 | NNW | 5 | 4 | 24 | C | — | 2 |
| Weymouth ... | 30.21 | 64 | 4 | NW | 1 | 5 | 20 | C | — | 1 |
| Portsmouth... | 30.14 | 60 | 4 | NW | 3 | 4 | 20 | 5 | — | 2 |
| London | 30.14 | 61 | 5 | NW | 3 | 6 | 20 | C | — | — |
| Dover | 30.18 | — | — | NW | 1 | 6 | 20 | C | — | 1 |
| Yarmouth ... | 30.11 | 60 | 3 | NW | 5 | 6 | 22 | 5 | — | 2 |
| Helder | 30.05 | 59 | — | NW | 4 | — | — | C | — | 5 |
| Heligolnd ... | 29.89 | 59 | 1 | WNW | 6 | 4 | 24 | 5 | 0.04 | 4 |

Satur. day.

PROBABLE.

Sun. day.

| | | |
|-----------------------------------|------------|------------------------------------|
| <i>W. to N. & E. fresh</i> | NORTH-EAST | <i>N. N. W. to E. S. E.</i> |
| <i>to moderate - fine.</i> | | <i>fresh. showery.</i> |
| <i>W. N. W. to N. N. E.</i> | WEST | <i>Variable - light to</i> |
| <i>moderate - fine.</i> | | <i>fresh. showers.</i> |
| <i>W. N. W. to N. & E.</i> | SOUTH | <i>E. to S. & S. W. light</i> |
| <i>fresh to light - fine.</i> | | <i>to fresh - fine generally -</i> |
| <i>W. W. to N. E. & S. E.</i> | SOUTH-EAST | <i>N. E. to S. E. & S. W.</i> |
| <i>moderate - fine.</i> | | <i>variable - fine.</i> |

NORTH-EAST=Moray Firth to Norfolk. WEST=Donegal to Cornwall. SOUTH=Channel and French Coasts.
SOUTH-EAST=Straits of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 4th

Saturday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.20 | 58 | 5 | WSW | 2 | 1 | 26 | m | — | 1 |
| Aberdeen ... | 30.22 | 57 | 7 | SW | 2 | 6 | 30 | c | — | 2 |
| Leith | 30.23 | 58 | 6 | WNW | 1 | 2 | 8 | c | — | 1 |
| Shields | 30.29 | 57 | 5 | WSW | 2 | 2 | 6 | c | — | 3 |
| Scarboro | 30.27 | 56 | 2 | S | 1 | 3 | 6 | o | — | 1 |
| Greencastle... | 30.29 | 57 | 4 | WSW | 2 | 3 | 32 | o | — | 2 |
| Galway | 30.34 | 60 | 3 | Z | 0 | 1 | 24 | c | — | 1 |
| Valentia | 30.36 | 57 | 4 | Z | 0 | 1 | 32 | o | — | 1 |
| Queenston ... | 30.34 | 59 | 2 | NW | 2 | 4 | 28 | c | — | 2 |
| Liverpool ... | 30.32 | 59 | 6 | NW | 2 | 4 | 26 | o | — | 2 |
| Holyhead ... | 30.30 | 56 | 4 | ESE | 2 | 2 | 22 | c | — | 2 |
| Pembroke ... | 30.32 | 59 | 3 | SE | 1 | 1 | 30 | o | — | 1 |
| Penzance | 30.30 | 61 | 1 | NNE | 3 | 4 | 2 | c | — | 2 |
| Brest | 30.24 | 59 | 2 | NE | 3 | 3 | 26 | o | — | 3 |
| L'Orient | 30.20 | 61 | 2 | NE | 3 | 2 | 30 | c | — | 2 |
| Rochefort ... | 30.20 | 64 | 4 | E | 4 | 4 | 28 | b | — | 2 |
| Plymouth ... | 30.29 | 63 | 8 | N | 4 | 7 | 32 | b | — | 2 |
| Weymouth ... | 30.28 | 64 | 7 | NE | 3 | 3 | 20 | b | — | 1 |
| Portsmouth... | 30.24 | 62 | 6 | NE | 3 | 4 | 24 | c | — | 2 |
| London | 30.30 | 57 | 3 | NW | 2 | 3 | 28 | b | — | — |
| Dover | 30.28 | 64 | 3 | N | 1 | 3 | 24 | o | — | 1 |
| Yarmouth ... | 30.28 | 60 | 4 | ESE | 1 | 3 | 4 | o | — | 2 |
| Helder | 30.27 | 57 | — | NW | 7 | — | — | b | — | 4 |
| Heligoland ... | 30.16 | 54 | 3 | NW | 7 | 6 | 26 | o | — | 4 |

Sun day.

PROBABLE.

Mon day.

W. to N. & E.

NORTH-EAST

S. E. to W. moderate

variable - fine.

fine.

W. to N. moderate. WEST

S. W. to N. W.

fine.

moderate - showers.

S. to S. & W.

SOUTH

S. E. to S. W. light to

variable - fine.

fresh.

S. E. to S. E. & S. W.

SOUTH-EAST

S. E. to W. light to

variable, fine.

S. H. B. fresh - fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 6th

Monday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.25 | 58 | 3 | NW | 1 | 2 | 4 | b | — | 2 |
| Aberdeen ... | 30.36 | 59 | 3 | SSW | 4 | 4 | 20 | b | — | 3 |
| Leith | 30.28 | 61 | 4 | SE | 2 | 2 | 24 | ul | — | 1 |
| Shields | 30.34 | 60 | 6 | S | 2 | 2 | 28 | b | — | 2 |
| Scarboro | 30.34 | 58 | 2 | S | 2 | 2 | 12 | C | — | 2 |
| Greencastle... | 30.16 | 63 | 4 | S | 1 | 3 | 8 | o | — | 2 |
| Galway | 30.01 | 66 | 4 | SE | 2 | 4 | 13 | b | — | 1 |
| Valentia | | | | | | | | | | |
| Queenston ... | 30.04 | 62 | 2 | E | 6 | 3 | 22 | o | — | 5 |
| Liverpool ... | 30.29 | 60 | 5 | ESE | 2 | 3 | 10 | b | — | 1 |
| Holyhead ... | 30.18 | 64 | 5 | NE | 1 | 3 | 32 | b | — | 1 |
| Pembroke ... | 30.14 | 63 | 5 | SE | 4 | 1 | 20 | b | — | 3 |
| Penzance | 30.09 | 62 | 1 | SSE | 4 | 3 | 6 | C | — | 5 |
| Brest | 30.08 | 40 | 4 | SE | 3 | 5 | 4 | b | — | 3 |
| L'Orient | 30.08 | 68 | 5 | ESE | 3 | 2 | 2 | b | — | 2 |
| Rochefort ... | 30.12 | 68 | 5 | E | 4 | 5 | 8 | b | — | 1 |
| Plymouth ... | 30.14 | 66 | 6 | E | 5 | 3 | 8 | C | — | 2 |
| Weymouth ... | 30.24 | 64 | 4 | ESE | 4 | 1 | 10 | b | — | 4 |
| Portsmouth... | 30.25 | 65 | 6 | SE | 3 | 3 | 16 | C | — | 2 |
| London | 30.33 | 64 | 5 | E | 2 | 3 | 4 | b | — | — |
| Dover | 30.34 | 65 | 3 | ESE | 1 | 1 | 10 | b | — | 1 |
| Yarmouth ... | 30.34 | 62 | 4 | ESE | 4 | 3 | 4 | b | — | 2 |
| Helder | 30.40 | 62 | — | SE | 2 | — | — | o | — | 2 |
| Heligoland ... | 30.41 | 58 | 2 | NW | 2 | 6 | 28 | b | — | 3 |

Tues-day.

PROBABLE.

Wednes-day.

E. to W. S. W.

NORTH-EAST S. S. E. to W. light

Moderate - fine.

to fresh - fine.

E. S. E. to W. S. W.

WEST S. S. W. to W. N. W.

light to fresh.

fresh.

S. S. E. to S. S. W.

SOUTH S. S. E. to W. S. W.

fresh - fine.

fresh.

to S. & S. W. fresh.

SOUTH-EAST

S. E. to S. W. moderate

variable - fine.

to fresh - fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 7th

Tuesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.93 | 66 | 5 | SE | 1 | 1 | 28 | C | — | 1 |
| Aberdeen ... | 30.00 | 60 | 4 | SSE | 3 | 6 | 14 | C | — | 3 |
| Leith | 29.98 | 64 | 5 | W | 1 | 2 | 20 | U | — | 1 |
| Shields | 30.06 | 61 | 5 | SW | 2 | 2 | 12 | C | — | 3 |
| Scarboro | 30.06 | 61 | 2 | SSW | 1 | 4 | 18 | U | — | 1 |
| Greencastle ... | 29.96 | 63 | 3 | SSW | 1 | 4 | 8 | U | — | 2 |
| Galway | 29.95 | 65 | 1 | W | 1 | 4 | 16 | U | 0.90 | 1 |
| Valentia | | | | | | | | | | |
| Queenston ... | 30.01 | 63 | 2 | W | 4 | 6 | 22 | C | — | 4 |
| Liverpool ... | 30.06 | 63 | 3 | NNW | 1 | 4 | 10 | C | — | 1 |
| Holyhead ... | 30.02 | 60 | 2 | SSE | 2 | 2 | 16 | f | — | 2 |
| Pembroke ... | 30.09 | 62 | 2 | SSW | 1 | 4 | 18 | U | — | 2 |
| Penzance ... | 30.13 | 61 | 0 | SW | 3 | 5 | 16 | U | — | 3 |
| Brest | 30.20 | 64 | 3 | WSW | 2 | 5 | 22 | f | — | 3 |
| L'Orient | 30.16 | 61 | 1 | NW | 1 | 3 | 10 | C | — | 1 |
| Rochefort ... | 30.12 | 66 | 5 | NW | 5 | 4 | 28 | U | — | 3 |
| Plymouth ... | 30.14 | 66 | 4 | WSW | 4 | 9 | 10 | C | — | 3 |
| Weymouth ... | 30.12 | 62 | 4 | NNW | 2 | 4 | 10 | C | — | 1 |
| Portsmouth... | 30.06 | 63 | 4 | NNW | 3 | 6 | 12 | C | — | 2 |
| London | 30.04 | 40 | 8 | W | 1 | 6 | 8 | U | — | — |
| Dover | 30.12 | 43 | 6 | SW | 1 | 2 | 8 | U | — | 1 |
| Yarmouth ... | 30.11 | 65 | 3 | SSE | 4 | 4 | 12 | U | — | 2 |
| Helder | 30.18 | 68 | — | SSE | 3 | — | — | U | — | 2 |
| Heligoland ... | 30.28 | 60 | 3 | S | 3 | 1 | 6 | U | — | 3 |

Wednesday.

PROBABLE.

Thursday.

S.E. to W. light

NORTH-EAST

S.S.W. to N.N.W.

to fresh. fine.

moderate. fine.

W. to N.W. moderate WEST

W. S.W. to N.N.W.

fresh.

moderate. showers

W. S.W. to N.N.W. SOUTH

W. to N. fresh to

fresh. fine.

light. fine

W. to N. moderate SOUTH-EAST

W. S.W. to N.N.W. 2

fine.

to N.N.E. moderate. fine

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

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.)

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.

EIGHT A.M.
Wednesday

WEATHER REPORT.

1863. July 8th

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.96 | 62 | 4 | SW | 2 | 5 | 20 | o | — | 1 |
| Aberdeen ... | 29.94 | 64 | 5 | SW | 3 | 4 | 18 | b | — | 2 |
| Leith | 30.02 | 65 | 5 | W | 2 | 2 | 24 | c | — | 2 |
| Shields | 30.09 | 63 | 4 | NNW | 2 | 2 | 30 | b | — | 2 |
| Scarboro | 30.06 | 63 | 3 | W | 2 | 4 | 18 | b | — | 2 |
| Greencastle ... | 30.08 | 60 | 4 | NW | 2 | 3 | 32 | c | 0.15 | 2 |
| Galway | 30.14 | 61 | 0 | Z | 0 | 4 | 24 | o | — | 1 |
| Valentia | 30.26 | 62 | 2 | WSW | 1 | 3 | 24 | f | 0.09 | 2 |
| Queenston ... | 30.24 | 65 | 2 | SW | 3 | 5 | 24 | o | — | 3 |
| Liverpool ... | 30.15 | 61 | 3 | WSW | 2 | 4 | 22 | o | 0.01 | 2 |
| Holyhead ... | 30.12 | 59 | 1 | WSW | 3 | 2 | 18 | c | — | 3 |
| Pembroke ... | 30.21 | 60 | 1 | NW | 1 | 2 | 20 | o | 0.13 | 1 |
| Penzance ... | 30.28 | 62 | 1 | NNW | 3 | 5 | 24 | o | — | 2 |
| Brest | 30.28 | 61 | 4 | Z | 0 | 3 | 22 | f | — | 3 |
| L'Orient | 30.24 | 61 | 3 | NW | 2 | 3 | 22 | o | — | 2 |
| Rochefort ... | 30.28 | 61 | 4 | NW | 3 | 4 | 28 | o | — | 3 |
| Plymouth ... | 30.24 | 64 | 4 | NNW | 3 | 4 | 22 | o | — | 2 |
| Weymouth ... | 30.22 | 62 | 4 | W | 2 | 4 | 20 | c | — | 1 |
| Portsmouth... | 30.19 | 63 | 4 | NNW | 3 | 5 | 22 | o | — | 2 |
| London | 30.18 | 63 | 4 | NNW | 2 | 4 | 24 | o | — | — |
| Dover | 30.19 | — | — | WSW | 1 | 1 | 20 | c | — | 1 |
| Yarmouth ... | 30.10 | 62 | 4 | NNW | 4 | 4 | 14 | b | — | 1 |
| Helder | 30.06 | 63 | — | NW | 6 | — | — | c | — | 3 |
| Heligoland ... | 30.08 | 62 | 3 | SE | 4 | 4 | 12 | b | — | 3 |

Thurs day.

PROBABLE.

Fri - day.

| | | |
|--|------------|----------------------|
| S. W. to N. N. W. | NORTH-EAST | W. S. W. to N. N. W. |
| Moderate - fine. | | Moderate - fine. |
| W. S. W. to N. N. W. | WEST | W. to N. light to |
| Moderate - showers. | | fresh - fine. |
| W. to N. fresh to | SOUTH | W. N. W. to N. N. E. |
| light - fine. | | Moderate - fine. |
| S. W. to N. N. W. | SOUTH-EAST | W. to N. & N. E. |
| N. N. E. fresh to light fine. | | Moderate - fine. |

J. H. B.

NORTH-EAST = Moray Firth to Norfolk. WEST = Donegal to Cornwall. SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 9th

Thursday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.19 | 64 | 5 | SSW | 4 | 2 | 20 | b | — | 2 |
| Aberdeen ... | 30.21 | 63 | 5 | SSW | 2 | 2 | 14 | b | — | 2 |
| Leith | 30.24 | 62 | 4 | W | 1 | 2 | 24 | c | — | 1 |
| Shields | 30.31 | 64 | 5 | WNW | 2 | 2 | 26 | b | — | 2 |
| Scarboro | 30.24 | 63 | 5 | NE | 1 | 1 | 28 | b | — | 1 |
| Greencastle... | 30.23 | 60 | 3 | SSW | 2 | 1 | 24 | b | — | 2 |
| Galway | 30.24 | 65 | 2 | Z | 0 | 2 | 26 | b | — | 1 |
| Valentia | 30.29 | 60 | 3 | SSW | 1 | 1 | 28 | f | — | 2 |
| Queenston ... | 30.28 | 63 | 3 | WSW | 2 | 3 | 20 | c | — | 2 |
| Liverpool ... | 30.30 | 63 | 3 | SSE | 1 | 4 | 24 | c | — | 1 |
| Holyhead ... | 30.24 | 63 | 2 | SSW | 2 | 2 | 18 | b | — | 1 |
| Pembroke ... | 30.32 | 61 | 1 | Z | 0 | 2 | 26 | ul | — | 1 |
| Penzance | 30.31 | 60 | 1 | E | 3 | 5 | 30 | c | — | 3 |
| Brest | 30.28 | 63 | 2 | NE | 3 | 4 | 28 | o | — | 3 |
| L'Orient | 30.20 | 61 | 2 | NNE | 2 | 2 | 32 | c | — | 1 |
| Rochefort ... | 30.20 | 64 | 5 | NW | 5 | 3 | 28 | b | — | 2 |
| Plymouth ... | 30.30 | 65 | 4 | WNW | 3 | 5 | 30 | b | — | 2 |
| Weymouth ... | 30.28 | 68 | 6 | NNE | 3 | 3 | 24 | b | — | 1 |
| Portsmouth... | 30.23 | 65 | 6 | NNE | 3 | 3 | 22 | c | — | 2 |
| London | 30.26 | 63 | 5 | NW | 2 | 3 | 28 | b | — | — |
| Dover | 30.24 | — | — | NNW | 1 | 1 | 20 | b | — | 1 |
| Yarmouth ... | 30.24 | 65 | 5 | NNW | 3 | 1 | 30 | c | — | 2 |
| Helder | 30.14 | 61 | — | NW | 4 | — | — | o | — | 3 |
| Heligolnd ... | 30.14 | 60 | 2 | ESE | 3 | 2 | 26 | f | 0.05 | 1 |

Fri-day.

PROBABLE.

Satu-day.

S.W. to N.N.E.

NORTH-EAST

E. to S. & W.

~~variable~~ - fine.

variable - fine.

S.W. to N.W. & N.E.

WEST

S.E. to W. light to

light to moderate - fine.

fresh -

N.W. to E.N.E.

SOUTH

E. to S. & S.W.

moderate - fine -

moderate - fine -

N.W. to N.E. & S.E.

SOUTH-EAST

E.S.E. to S.S.W.

light to fresh - fine -

variable - fine -

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 10th

Fri day

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.25 | 62 | 4 | SW | 3 | 5 | 18 | o | — | 2 |
| Aberdeen ... | 30.24 | 66 | 4 | SSE | 3 | 4 | 16 | o | — | 2 |
| Leith | 30.30 | 64 | 5 | W | 1 | 1 | 24 | ul | — | 1 |
| Shields | 30.34 | 66 | 5 | SW | 2 | 2 | 20 | b | — | 2 |
| Scarboro | 30.35 | 65 | 4 | ENE | 1 | 1 | 4 | b | — | 1 |
| Greencastle ... | 30.35 | 64 | 3 | WSW | 1 | 2 | 22 | c | — | 1 |
| Galway | 30.39 | 62 | 0 | Z | 0 | 0 | 2 | o | — | 1 |
| Valentia | 30.40 | 61 | 3 | S | 1 | 2 | 20 | ul | — | 2 |
| Queenston ... | 30.34 | 62 | 1 | S | 1 | 4 | 20 | c | — | 1 |
| Liverpool ... | 30.38 | 63 | 2 | SSE | 1 | 2 | 28 | ul | — | 1 |
| Holyhead ... | 30.35 | 62 | 2 | NW | 1 | 2 | 18 | b | — | 1 |
| Pembroke ... | 30.38 | 63 | 3 | NE | 1 | 1 | 28 | b | — | 1 |
| Penzance | 30.34 | 64 | 1 | NE | 2 | 3 | 6 | b | — | 2 |
| Brest | 30.36 | 66 | 5 | NE | 2 | 4 | 4 | b | — | 3 |
| L'Orient | 30.20 | 66 | 4 | NE | 2 | 3 | 2 | b | — | 2 |
| Rochefort ... | 30.20 | 66 | 5 | NE | 4 | 3 | 4 | b | — | 2 |
| Plymouth ... | 30.35 | 69 | 6 | WNW | 2 | 4 | 18 | o | — | 2 |
| Weymouth ... | 30.36 | 64 | 6 | Z | 0 | 3 | 32 | b | — | 1 |
| Portsmouth... | 30.31 | 64 | 4 | NNE | 2 | 3 | 20 | c | — | 2 |
| London | 30.35 | 65 | 4 | NE | 2 | 2 | 28 | b | — | — |
| Dover | 30.34 | 64 | 3 | NNE | 2 | 1 | 8 | b | — | 1 |
| Yarmouth ... | 30.34 | 64 | 4 | N | 3 | 3 | 2 | b | — | 2 |
| Helder | 30.30 | 65 | — | NNE | 3 | — | — | b | — | 2 |
| Heligoland ... | 30.32 | 61 | 3 | ENE | 2 | 2 | 8 | b | — | 1 |

Saturn-day.

PROBABLE.

Sun-day.

N. to S. & W. NORTH-EAST S.S.E. to W.

variable - fine.

moderate - fine.

S.S. to W. Light

WEST

S.S.W. to W.N.W.

to fresh - fine.

moderate -

N.E. to S.S.E. & S.S.W. SOUTH

S.S.E. to S.S.W.

moderate - fine

moderate - fine.

S.E. to S.E. & S.

SOUTH-EAST

S. to S. moderate

light to fresh - fine

J.H.B.

fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 11th

Saturday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.39 | 65 | 4 | SW | 2 | 4 | 20 | r | — | 2 |
| Aberdeen ... | 30.41 | 63 | 4 | ESE | 3 | 2 | 18 | c | — | 3 |
| Leith | 30.40 | 64 | 5 | W | 2 | 1 | 24 | ul | — | 1 |
| Shields | 30.45 | 64 | 5 | WNW | 2 | 2 | 20 | b | — | 2 |
| Scarboro | 30.40 | 64 | 4 | SW | 1 | 1 | 8 | c | — | 1 |
| Greencastle... | 30.45 | 63 | 3 | SE | 1 | 2 | 8 | ul | — | 1 |
| Galway | 30.46 | 61 | 1 | Z | 0 | 0 | Z | r | — | 1 |
| Valentia | 30.47 | 63 | 2 | NW | 1 | 0 | Z | f | — | 1 |
| Queenston ... | 30.42 | 65 | 1 | E | 1 | 2 | 20 | b | — | 1 |
| Liverpool ... | 30.42 | 64 | 4 | NW | 1 | 2 | 30 | c | — | 1 |
| Holyhead ... | 30.39 | 62 | 2 | NW | 1 | 2 | 8 | b | — | 1 |
| Pembroke ... | 30.40 | 68 | 3 | Z | 0 | 1 | 28 | b | — | 1 |
| Penzance | 30.42 | 66 | 2 | Z | 0 | 2 | 8 | f | — | 1 |
| Brest | 30.32 | 66 | 5 | ENE | 4 | 5 | 4 | b | — | 3 |
| L'Orient | 30.24 | 66 | 4 | Z | 0 | 5 | 4 | b | — | 2 |
| Rochefort ... | 30.20 | 70 | 5 | NE | 4 | 5 | 4 | b | — | 2 |
| Plymouth ... | 30.39 | 69 | 5 | NW | 2 | 1 | 16 | c | — | 2 |
| Weymouth ... | 30.39 | 68 | 5 | E | 1 | 1 | 24 | b | — | 1 |
| Portsmouth... | 30.36 | 68 | 8 | ENE | 3 | 3 | 20 | ul | — | 2 |
| London | 30.40 | 64 | 4 | E | 1 | 2 | 4 | c | — | — |
| Dover | 30.40 | 68 | 4 | ENE | 1 | 1 | 6 | b | — | 1 |
| Yarmouth ... | 30.42 | 60 | 3 | NNE | 2 | 3 | 6 | r | — | 2 |
| Helder | 30.40 | 66 | — | NE | 3 | — | — | b | — | 2 |
| Heligoland ... | 30.39 | 63 | 2 | E | 1 | 4 | 2 | b | — | 1 |

Sun-day.

PROBABLE.

Monday.

Variable.

NORTH-EAST

S.E. to S.W. & N.W.

Light to moderate fine.

Light to fresh fine.

S.E. to S.W. & N.W.

WEST

S.W. to N.W.

Light variable fine.

Light to fresh.

S.W. to S.E.

SOUTH

S.E. to S.S.W. moderate

Light to moderate fine.

to fresh fine.

S.E. to S.E. & S.

SOUTH-EAST

S. to S. & S.W.

Moderate fine.

V.H.B. moderate fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

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SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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. July 13th

Monday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.48 | 58 | 7 | WNW | 3 | 2 | 22 | C | — | 2 |
| Aberdeen ... | 30.45 | 60 | 4 | SW | 4 | 5 | 30 | b | — | 2 |
| Leith | 30.48 | 63 | 5 | W | 1 | 2 | 8 | ul | — | 1 |
| Shields | 30.53 | 61 | 5 | NW | 2 | 2 | 4 | C | — | 2 |
| Scarboro | 30.50 | 60 | 3 | NNE | 1 | 3 | 4 | o | — | 2 |
| Greencastle... | 30.60 | 56 | 3 | NE | 1 | 4 | 16 | C | 0.10 | 1 |
| Galway | 30.59 | 58 | 7 | Z | 0 | 2 | 24 | b | — | 1 |
| Valentia | 30.54 | 61 | 7 | ENE | 3 | 1 | 2 | f | — | 1 |
| Queenston ... | 30.52 | 61 | 3 | N | 2 | 3 | 28 | b | — | 2 |
| Liverpool ... | 30.52 | 64 | 5 | SE | 1 | 3 | 26 | o | — | 1 |
| Holyhead ... | 30.48 | 58 | 1 | N | 2 | 3 | 32 | C | — | 2 |
| Pembroke ... | 30.48 | 68 | 4 | W | 1 | 3 | 24 | o | — | 1 |
| Penzance | 30.44 | 66 | 1 | ESE | 1 | 7 | 32 | b | — | 2 |
| Brest | 30.39 | 66 | 6 | ENE | 4 | 3 | 4 | b | — | 3 |
| L'Orient | 30.28 | 66 | 4 | NNE | 3 | 2 | 4 | b | — | 2 |
| Rochefort ... | 30.28 | 70 | 7 | NE | 4 | 4 | 4 | b | — | 2 |
| Plymouth ... | 30.44 | 69 | 7 | ENE | 5 | 3 | 16 | C | — | 2 |
| Weymouth ... | 30.45 | 68 | 5 | ENE | 2 | 1 | 24 | C | — | 1 |
| Portsmouth... | 30.42 | 67 | 6 | ENE | 3 | 3 | 20 | o | — | 2 |
| London | 30.46 | 64 | 6 | N | 3 | 4 | 12 | o | — | — |
| Dover | 30.44 | 62 | 3 | NE | 4 | 2 | 6 | o | — | 3 |
| Yarmouth ... | 30.47 | 61 | 5 | N | 4 | 2 | 10 | o | — | 2 |
| Helder | 30.40 | 60 | — | N | 6 | — | — | o | — | 4 |
| Heligoland ... | 30.32 | 59 | 1 | NNW | 4 | 4 | 2 | o | — | 3 |

Tues-day.

PROBABLE.

Wednesday.

W. to N. & N.E.

NORTH-EAST

N.E. to W.

light

moderate - fine.

to fresh - fine.

N.E. to W. light

WEST

N. to W. fresh -

to fresh - showers -

N.E. to S.E.

SOUTH

S.E. to S.W. fresh -

fresh - fine -

fine

N. to E. fresh.

SOUTH-EAST

E.S.E. to S.S.W.

fine -

fresh - fine -

NORTH-EAST = Moray Firth to Norfolk.

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SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

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EIGHT A.M.

WEATHER REPORT.

1863.

July 14th

Tuesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.36 | 61 | 5 | WSW | 3 | 3 | 22 | b | — | 1 |
| Aberdeen ... | 30.32 | 65 | 6 | NW | 3 | 5 | 26 | b | — | 2 |
| Leith | 30.39 | 64 | 7 | W | 2 | 2 | 24 | ul | — | 1 |
| Shields | 30.43 | 60 | 6 | SW | 2 | 2 | 22 | b | — | 2 |
| Scarboro | 30.41 | 63 | 4 | NE | 1 | 1 | 4 | b | — | 1 |
| Greencastle ... | 30.53 | 59 | 3 | NW | 2 | 2 | 2 | o | — | 1 |
| Galway | 30.55 | 58 | 1 | Z | 0 | 4 | 2 | c | — | 1 |
| Valentia | 30.59 | 64 | 4 | Z | 0 | 3 | 4 | b | — | 1 |
| Queenston ... | 30.50 | 61 | 1 | N | 1 | 3 | 12 | b | — | 1 |
| Liverpool ... | 30.46 | 63 | 5 | NW | 3 | 3 | 28 | c | — | 2 |
| Holyhead ... | 30.38 | 55 | 1 | N | 3 | 2 | 32 | c | — | 2 |
| Pembroke ... | 30.50 | 61 | 3 | NNW | 1 | 2 | 30 | o | — | 1 |
| Penzance | 30.54 | 65 | 2 | E | 2 | 5 | 6 | b | — | 2 |
| Brest | 30.39 | 63 | 3 | ENE | 4 | 5 | 6 | o | — | 3 |
| L'Orient | 30.28 | 63 | 2 | NNE | 2 | 4 | 2 | c | — | 2 |
| Rochefort ... | 30.32 | 40 | 5 | E | 5 | 4 | 4 | b | — | 3 |
| Plymouth ... | 30.46 | 67 | 7 | NW | 2 | 3 | 16 | f | — | 1 |
| Weymouth ... | 30.45 | 64 | 4 | Z | 0 | 3 | 12 | b | — | 2 |
| Portsmouth... | 30.43 | 62 | 5 | E | 2 | 3 | 6 | c | — | 1 |
| London | 30.46 | 61 | 5 | Z | 0 | 3 | 2 | ul | — | — |
| Dover | 30.45 | 60 | 3 | N | 1 | 3 | 6 | b | — | 1 |
| Yarmouth ... | 30.42 | 60 | 3 | N | 3 | 3 | 4 | b | — | 3 |
| Helder | 30.37 | 62 | — | NW | 6 | — | — | b | — | 4 |
| Heligoland ... | 30.25 | 59 | 3 | NNW | 7 | 7 | 28 | o | — | 4 |

Wednesday.

PROBABLE.

Thursday.

V.N.E. to W.S.W. NORTH-EAST N. to S.W. light
 moderate - fine. to fresh - fine.
 V. to W. moderate WEST N.N.W. to W.S.W.
 fine - moderate to fresh -
 E.N.E. to S.S.E. SOUTH E.S.E. to S.S.W.
 moderate - fine - light to fresh - fine
 V.E. to S.S.E. SOUTH-EAST Easterly to S.W.
 variable - fine - moderate - fine -

J.H.B.

NORTH-EAST = Moray Firth to Norfolk. WEST = Donegal to Cornwall. SOUTH = Channel and French Coasts.
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 inch diminution; and each ten degrees, above 32°, causing nearly three hundredths increase. E.—Exposed thermometer in shade.
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 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.

EIGHT A.M.

WEATHER REPORT.

1863.

July 15th

Wednesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|------|----|-----|----|----|----|----|----|----|
| Nairn | 30.21 | 58 | 4 | WNW | 5 | 6 | 24 | o | — | 2 |
| Aberdeen ... | 30.16 | 59 | 5 | NW | 6 | 4 | 28 | o | — | 4 |
| Leith | 30.21 | 65 | 6 | W | 3 | 4 | 24 | c | — | 3 |
| Shields | 30.24 | 63 | 5 | W | 2 | 2 | 20 | b | — | 2 |
| Scarboro | 30.20 | 64 | 3 | NW | 1 | 1 | 32 | b | — | 1 |
| Greencastle... | 30.36 | 54 | 2 | NW | 2 | 3 | 16 | o | — | 2 |
| Galway | 30.39 | 62 | 0 | Z | 0 | 1 | 2 | o | — | 1 |
| Valentia | 30.38 | 65 | 5 | Z | 0 | 1 | 26 | b | — | 1 |
| Queenston ... | 30.34 | 64 | 2 | NNW | 1 | 4 | 28 | b | — | 1 |
| Liverpool ... | 30.32 | 61 | 3 | WNW | 2 | 3 | 26 | o | — | 3 |
| Holyhead ... | 30.32 | ? 54 | 0 | NNW | 2 | 3 | 32 | ul | — | 2 |
| Pembroke ... | 30.34 | 63 | 2 | WNW | 1 | 1 | 30 | ul | — | 1 |
| Penzance ... | 30.32 | 62 | 1 | ESE | 2 | 3 | 32 | c | — | 2 |
| Brest | 30.24 | 63 | 1 | NE | 2 | 5 | 14 | f | — | 3 |
| L'Orient | 30.20 | 63 | 3 | NNE | 2 | 14 | 2 | ul | — | 2 |
| Rochefort ... | 30.16 | 66 | 5 | NE | 2 | 14 | 14 | f | — | 2 |
| Plymouth ... | 30.29 | 66 | 3 | NNW | 4 | 14 | 16 | b | — | 2 |
| Weymouth ... | 30.24 | 66 | 6 | NNE | 2 | 3 | 22 | b | — | 1 |
| Portsmouth... | 30.23 | 60 | 3 | NNE | 3 | 3 | 20 | c | — | 2 |
| London | 30.26 | 62 | 3 | WNW | 2 | 2 | 28 | b | — | — |
| Dover | 30.23 | — | — | NW | 1 | 1 | 10 | b | — | 1 |
| Yarmouth ... | 30.20 | 62 | 2 | NNE | 2 | 2 | 12 | b | — | 2 |
| Helder | 30.15 | 64 | — | WNW | 4 | — | — | b | — | 4 |
| Heligolnd ... | 30.06 | 60 | 4 | WNW | 8 | 4 | 28 | o | — | 5 |

Thursday.

PROBABLE.

Friday.

N.W. to W.S.W.

NORTH-EAST

N.W. to S.W.

Moderate to fresh - fine.

fresh - fine.

N. to W. Light to WEST

N.N.W. to W.S.W.

Fresh - fine.

fresh -

N.E. to N.N.W.

SOUTH

N.N.E. to W.N.W.

Moderate to fresh - fine.

light to fresh -

N.E. to N.W.

SOUTH-EAST

N. to W. moderate

Moderate - fine -

J.H.B. fine -

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SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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. *July 16th**Thursday*

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.31 | 51 | 6 | WNW | 2 | 4 | 4 | 6 | 0.09 | 2 |
| Aberdeen ... | 30.23 | 52 | 6 | NNW | 5 | 6 | 28 | 6 | — | 3 |
| Leith | 30.30 | 56 | 8 | WNW | 2 | 3 | 8 | ul | — | 2 |
| Shields | 30.31 | 54 | 6 | NW | 3 | 4 | 4 | C | — | 3 |
| Scarboro | 30.26 | 58 | 6 | NNE | 1 | 4 | 4 | 5 | — | 2 |
| Greencastle... | 30.30 | 55 | 5 | ESE | 2 | 3 | 28 | 6 | — | 2 |
| Galway | 30.32 | 58 | 2 | NE | 3 | 0 | 2 | 5 | — | 1 |
| Valentia | 30.26 | 64 | 4 | Z | 0 | 2 | 28 | 6 | — | 1 |
| Queenston ... | 30.26 | 64 | 2 | NNW | 1 | 2 | 28 | 5 | — | 1 |
| Liverpool ... | 30.24 | 56 | 2 | ESE | 2 | 3 | 26 | 5 | — | 2 |
| Holyhead ... | 30.19 | 59 | 2 | E | 2 | 2 | 30 | C | — | 2 |
| Pembroke ... | 30.23 | 61 | 4 | NNW | 2 | 1 | 28 | 6 | — | 1 |
| Penzance ... | 30.20 | 64 | 2 | NE | 2 | 2 | 32 | C | — | 2 |
| Brest | 30.12 | 64 | 4 | NE | 2 | 4 | 4 | f | — | 2 |
| L'Orient | 30.08 | 66 | 6 | NNE | 2 | 2 | 2 | 5 | — | 2 |
| Rochefort ... | 30.04 | 68 | 5 | NE | 4 | 2 | 4 | 6 | — | 2 |
| Plymouth ... | 30.19 | 69 | 5 | W | 4 | 3 | 10 | 6 | — | 2 |
| Weymouth ... | 30.18 | 63 | 3 | NE | 4 | 1 | 20 | ul | — | 3 |
| Portsmouth... | 30.16 | 64 | 5 | E | 3 | 3 | 24 | ul | — | 2 |
| London | 30.20 | 62 | 6 | E | 3 | 3 | 4 | C | — | — |
| Dover | 30.22 | 61 | 2 | ENE | 4 | 1 | 28 | 5 | — | 3 |
| Yarmouth ... | 30.23 | 54 | 4 | NNE | 5 | 4 | 2 | 5 | — | 3 |
| Helder | 30.14 | 55 | — | NNW | 6 | — | — | 5 | — | 3 |
| Heligoland ... | 29.99 | 52 | 3 | NNW | 8 | 8 | 30 | 5 | — | 5 |

Fri-day.

PROBABLE.

Satur-day.

N. N. E. to W. N. W. NORTH-EAST N. N. W. to W. S. W.

Fresh - fine - moderate to fresh

N. to W. light to WEST N. to W. fresh -

Fresh - fine -

N. E. to N. W. SOUTH N. E. to N. & W.

Fresh - fine - moderate to fresh -

N. N. E. to W. N. W. SOUTH-EAST N. E. to N. W.

moderate to fresh - fine. S. H. B. moderate - fine

NORTH-EAST = Moray Firth to Norfolk. WEST = Donegal to Cornwall. SOUTH = Channel and French Coasts.
SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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. July 17th

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.00 | 54 | 4 | WNW | 3 | 2 | 28 | b | — | 3 |
| Aberdeen ... | 29.98 | 53 | 9 | NW | 6 | 4 | 30 | b | — | 5 |
| Leith | 30.00 | 58 | 4 | WNW | 2 | 3 | 8 | c | — | 2 |
| Shields | 30.04 | 58 | 3 | N | 3 | 4 | 28 | c | — | 4 |
| Scarboro | 29.98 | 55 | 5 | NNW | 1 | 2 | 2 | b | — | 2 |
| Greencastle ... | 30.13 | 55 | 5 | N | 2 | 3 | 28 | c | — | 1 |
| Galway | 30.20 | 58 | 6 | NE | 3 | 0 | 2 | b | — | 1 |
| Valentia | 30.19 | 60 | 6 | NNE | 1 | 0 | 2 | b | — | 1 |
| Queenston ... | 30.16 | 60 | 2 | N | 2 | 4 | 14 | c | — | 2 |
| Liverpool ... | 30.08 | 59 | 9 | WNW | 3 | 4 | 26 | b | — | 3 |
| Holyhead ... | 30.09 | 54 | 5 | NW | 2 | 2 | 32 | b | — | 2 |
| Pembroke ... | 30.13 | 59 | 6 | NNE | 1 | 2 | 2 | b | — | 1 |
| Penzance | 30.15 | 63 | 4 | NNE | 3 | 6 | 4 | b | — | 3 |
| Brest | 30.12 | 59 | 1 | NE | 1 | 4 | 2 | c | — | 3 |
| L'Orient | 30.04 | 61 | 2 | NNE | 2 | 2 | 2 | b | — | 2 |
| Rochefort ... | 30.04 | 68 | 5 | ENE | 2 | 2 | 4 | b | — | 2 |
| Plymouth ... | 30.11 | 64 | 3 | NW | 3 | 3 | 14 | b | — | 1 |
| Weymouth ... | 30.09 | 61 | 4 | SE | 2 | 4 | 4 | c | — | 3 |
| Portsmouth... | 30.08 | 62 | 5 | SW | 3 | 4 | 8 | b | — | 2 |
| London | 30.09 | 57 | 5 | W | 3 | 3 | 8 | c | — | — |
| Dover | 30.04 | 65 | 5 | SW | 2 | 3 | 8 | c | — | 1 |
| Yarmouth ... | 30.04 | 56 | 5 | WSW | 5 | 5 | 2 | c | — | 3 |
| Helder | 30.02 | 53 | — | W | 6 | — | — | c | — | 3 |
| Heligoland ... | 29.89 | 52 | 2 | NNW | 4 | 9 | 30 | c | 0.08 | 6 |

Satur-day.

PROBABLE.

Sun-day.

N.W. to W.S.W.

NORTH-EAST

N.W. to S.W.

to strong
fresh fine.

fresh - showers -

N. to W. fresh -

WEST

N.N.W. to W.S.W.

fine

fresh - showers -

E. to N. & W.

SOUTH

N. to W. moderate

moderate to fresh - fine.

to fresh -

N.W. to W.S.W.

SOUTH-EAST

N. to W. & S.W.

fresh - generally fine.

fresh..

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 18th

Saturday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.83 | 51 | 4 | NE | 3 | 6 | 28 | C | 0.13 | 3 |
| Aberdeen ... | 29.64 | 50 | 4 | N | 6 | 8 | 26 | C | 0.07 | 4 |
| Leith | 29.48 | 53 | 5 | NE | 3 | 5 | 26 | C | — | 4 |
| Shields | 29.44 | 53 | 5 | NNE | 5 | 5 | 28 | O | — | 5 |
| Scarboro | 29.64 | 55 | 5 | N | 4 | 5 | 28 | b | — | 4 |
| Greencastle ... | 29.91 | 53 | 5 | NNE | 3 | 4 | 30 | C | 0.11 | 2 |
| Galway | 30.00 | 54 | 5 | NE | 4 | 3 | 4 | O | — | 1 |
| Valentia | 30.04 | 60 | 6 | NNE | 2 | 3 | 2 | b | — | 1 |
| Queenston ... | 29.99 | 58 | 2 | NW | 1 | 4 | 28 | O | — | 1 |
| Liverpool ... | 29.49 | 53 | 2 | WNW | 4 | 6 | 26 | f | 0.09 | 4 |
| Holyhead ... | 29.83 | 54 | 4 | WNW | 6 | 4 | 28 | C | — | 3 |
| Pembroke ... | 29.93 | 55 | 6 | NNE | 3 | 3 | 28 | b | — | 2 |
| Penzance | 29.96 | 61 | 4 | NNE | 2 | 5 | 2 | C | — | 3 |
| Brest | 29.96 | 63 | 5 | NNW | 3 | 4 | 32 | f | — | 3 |
| L'Orient | 29.92 | 59 | 2 | WNW | 2 | 4 | 22 | O | — | 2 |
| Rochefort ... | 30.00 | 63 | 4 | E | 4 | 2 | 4 | b | — | 2 |
| Plymouth ... | 29.93 | 59 | 6 | NW | 5 | 2 | 30 | b | — | 3 |
| Weymouth ... | 29.86 | 58 | 5 | NW | 4 | 3 | 20 | C | — | 2 |
| Portsmouth... | 29.80 | 58 | 3 | WNW | 4 | 4 | 20 | C | — | 3 |
| London | 29.48 | 55 | 6 | WNW | 5 | 5 | 28 | C | — | — |
| Dover | 29.48 | 61 | 5 | WNW | 5 | 4 | 22 | b | — | 5 |
| Yarmouth ... | 29.68 | 53 | 6 | NNW | 5 | 5 | 2 | O | — | 3 |
| Helder | 29.54 | 52 | — | NW | 6 | — | — | f | — | 3 |
| Heligoland ... | 29.49 | 48 | 1 | W | 4 | 4 | 28 | O | 0.39 | 5 |

Sun day.

PROBABLE.

Monday.

N. E. to W. N. W. NORTH-EAST N. to W. strong to

strong - squally - showers.

fresh - showery -

N. to W. fresh to WEST

N. N. W. to W. S. W.

strong - unsettled.

fresh
strong - unsettled -

N. E. to W. N. W. SOUTH

N. to W. strong to

fresh to strong - dry.

moderate -

N. to W. & S. W.

SOUTH-EAST

N. W. to S. W.

fresh to strong -

strong to moderate, showers

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 20th

Monday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.80 | 48 | 3 | NNE | 5 | 4 | 2 | 5 | 0.09 | 3 |
| Aberdeen ... | 29.74 | 49 | 4 | NNW | 5 | 4 | 28 | 5 | 0.40 | 4 |
| Leith | 29.80 | 55 | 4 | WNW | 2 | 3 | 8 | C | — | 2 |
| Shields | 29.83 | 52 | 6 | NE | 2 | 3 | 4 | 6 | — | 2 |
| Scarboro | 29.79 | 54 | 3 | NNW | 1 | 4 | 32 | C | — | 3 |
| Greencastle ... | 29.86 | 54 | 5 | NE | 2 | 4 | 32 | C | 0.10 | 2 |
| Galway | 29.90 | 53 | 4 | NE | 4 | 4 | 4 | C | — | 1 |
| Valentia | 29.82 | 54 | 5 | ENE | 2 | 4 | 4 | 5 | — | 1 |
| Queenston ... | 29.83 | 60 | 3 | E | 4 | 2 | 28 | C | — | 4 |
| Liverpool ... | 29.82 | 54 | 6 | WSW | 2 | 5 | 28 | C | 0.03 | 2 |
| Holyhead ... | 29.80 | 53 | 4 | NW | 3 | 5 | 26 | C | — | 2 |
| Pembroke ... | 29.84 | 59 | 4 | NE | 1 | 3 | 24 | 6 | — | 1 |
| Penzance ... | 29.82 | 58 | 3 | S | 5 | 3 | 22 | 5 | — | 4 |
| Brest | 29.76 | 55 | 2 | SE | 4 | 3 | 16 | 4 | 0.12 | 3 |
| L'Orient | 29.80 | 54 | 0 | SE | 2 | 4 | 24 | 4 | 0.20 | 2 |
| Rochefort ... | 29.92 | 50 | 2 | W | 1 | 4 | 4 | 5 | — | 2 |
| Plymouth ... | 29.82 | 60 | 5 | E | 3 | 2 | 20 | 5 | — | 2 |
| Weymouth ... | 29.84 | 60 | 6 | ESE | 1 | 4 | 32 | C | — | 1 |
| Portsmouth... | 29.79 | 60 | 4 | NE | 2 | 4 | 18 | C | — | 1 |
| London | 29.84 | 56 | 6 | NW | 3 | 5 | 20 | 6 | 0.03 | — |
| Dover | 29.83 | — | — | N | 1 | 3 | 28 | 6 | — | 1 |
| Yarmouth ... | 29.79 | 56 | 5 | NW | 4 | 6 | 32 | C | — | 3 |
| Helder | 29.75 | 57 | — | NNW | 2 | — | — | 0 | — | 1 |
| Heligoland ... | 29.70 | 53 | 4 | WNW | 3 | 4 | 30 | C | 0.13 | 4 |

Tues - day.

PROBABLE.

Wednes - day.

W. to N.E. fresh

NORTH-EAST

N.E. to W.

No strong - showery.

strong - unsettled.

N.E. to W.N.W.

WEST

N.N.W. to W.S.W.

fresh to strong - with rain.

fresh to strong - showery -

N.E. to S.E. & N.W. SOUTH

NW to S.W. fresh -

fresh - some rain.

showery -

N.W. to W.S.W.

SOUTH-EAST

N.N.W. to W.S.W.

fresh showery -

V.H.B. fresh -

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 21st

Tuesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.48 | 50 | 5 | WNW | 3 | 5 | 32 | c | 0.08 | 1 |
| Aberdeen ... | 29.76 | 51 | 7 | NW | 3 | 4 | 28 | c | - | 2 |
| Leith | 29.78 | 54 | 7 | NE | 2 | 2 | 20 | b | - | 1 |
| Shields | 29.80 | 54 | 5 | NE | 4 | 3 | 4 | c | - | 3 |
| Scarboro | 29.43 | 53 | 3 | SW | 1 | 1 | 30 | b | 0.35 | 2 |
| Greencastle... | 29.81 | 52 | 5 | NE | 2 | 1 | 4 | b | - | 2 |
| Galway | 29.44 | 53 | 4 | SE | 5 | 4 | 8 | b | - | 2 |
| Valentia | 29.59 | 54 | 2 | E | 2 | 1 | 6 | r | 0.22 | 1 |
| Queenston ... | 29.40 | 54 | 2 | SE | 6 | 5 | 30 | f | 0.23 | 6 |
| Liverpool ... | 29.49 | 54 | 7 | WNW | 2 | 3 | 24 | c | - | 5 |
| Holyhead ... | 29.45 | 53 | 3 | N | 2 | 4 | 32 | c | - | 2 |
| Pembroke ... | 29.44 | 54 | 2 | E | 1 | 2 | 28 | f | 0.08 | 1 |
| Penzance | 29.41 | 61 | 1 | SSW | 6 | 3 | 12 | f | 0.50 | 5 |
| Brest | 29.80 | 63 | 1 | SSW | 4 | 5 | 22 | f | 0.83 | 3 |
| L'Orient | 29.80 | 66 | 2 | SSW | 6 | 7 | 22 | b | 0.35 | 6 |
| Rochefort ... | 29.96 | 68 | 4 | SW | 4 | 5 | 24 | b | - | 4 |
| Plymouth ... | 29.45 | 58 | 1 | ESE | 3 | 3 | 12 | f | 0.45 | 3 |
| Weymouth ... | 29.78 | 58 | 2 | SE | 4 | 2 | 14 | f | 0.08 | 3 |
| Portsmouth... | 29.46 | 60 | 1 | S | 2 | 4 | 18 | b | - | 1 |
| London | 29.81 | 59 | 4 | Z | 0 | 3 | 28 | b | - | - |
| Dover | 29.83 | 64 | 4 | WSW | 1 | 1 | 20 | b | - | 1 |
| Yarmouth ... | 29.49 | 59 | 5 | SSW | 4 | 3 | 6 | c | - | 3 |
| Helder | 29.78 | 55 | - | SSW | 3 | - | - | c | - | 1 |
| Heligoland ... | 29.49 | 55 | 4 | N | 1 | 4 | 22 | b | - | 1 |

Wednesday.

PROBABLE.

Thursday.

N.E. to W.

NORTH-EAST

S.W. to N.W.

strong - unsettled.

strong to fresh - showery.

~~N.W.~~ to W. S.W.

WEST

W. S.W. to N. N.W.

fresh to ~~strong~~ ^{a gale} rain.

strong to moderate.

S.W. to W. N.W.

SOUTH

S.W. to N.W. fresh,

to a gale.
strong with rain

or strong, showery.

S.E. to W. fresh to

SOUTH-EAST

S. S.W. to W. N.W.

strong - rain.

strong to moderate.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 22^{ud}

Wednesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.64 | 49 | 2 | SW | 1 | 2 | 28 | 5 | 0.10 | 1 |
| Aberdeen ... | 29.61 | 52 | 4 | SE | 3 | 3 | 28 | 5 | — | 2 |
| Leith | 29.61 | 55 | 5 | SE | 3 | 14 | 8 | 6 | — | 3 |
| Shields | 29.58 | 54 | 3 | NE | 5 | 3 | 12 | 7 | 0.33 | 5 |
| Scarboro | 29.49 | 53 | 1 | NE | 5 | 6 | 8 | UL | — | 5 |
| Greencastle... | 29.66 | 52 | 4 | N | 2 | 3 | 8 | c | — | 1 |
| Galway | 29.69 | 57 | 6 | NNE | 4 | 5 | 12 | c | — | 1 |
| Valentia | 29.74 | 56 | 5 | NNE | 2 | 4 | 8 | c | 0.16 | 1 |
| Queenston ... | 29.68 | 53 | 1 | N | 3 | 6 | 4 | c | 0.70 | 2 |
| Liverpool ... | 29.46 | 53 | 2 | NE | 3 | 5 | 6 | o | 0.68 | 2 |
| Holyhead ... | 29.50 | 52 | 0 | NNE | 6 | 7 | 8 | 7 | 0.65 | 4 |
| Pembroke ... | 29.54 | 56 | 3 | NW | 4 | 14 | 20 | c | 0.50 | 4 |
| Penzance | 29.63 | 61 | 2 | N | 3 | 7 | 20 | 5 | 1.00 | 4 |
| Brest | 29.43 | 63 | 3 | SW | 5 | 6 | 18 | 5 | 0.32 | 5 |
| L'Orient | 29.69 | 64 | 1 | WSW | 6 | 7 | 16 | c | 0.28 | 7 |
| Rochefort ... | 29.96 | 68 | 4 | W | 5 | 5 | 20 | 5 | 0.08 | 6 |
| Plymouth ... | 29.58 | 60 | 2 | NW | 5 | 6 | 16 | 5 | 1.20 | 4 |
| Weymouth ... | 29.51 | 59 | 1 | WNW | 6 | 8 | 20 | c | 0.67 | 4 |
| Portsmouth... | 29.53 | 61 | 1 | WSW | 8 | 4 | 18 | 7 | 0.72 | 6 |
| London | 29.50 | 61 | 2 | SSW | 5 | 7 | 20 | 7 | 0.57 | — |
| Dover | 29.56 | 64 | 4 | S | 9 | 1 | 20 | 7 | 1.00 | 7 |
| Yarmouth ... | 29.50 | 63 | 4 | SW | 5 | 3 | 20 | c | — | 3 |
| Helder | 29.54 | 59 | — | SW | 7 | — | — | c | — | 5 |
| Heligoland ... | 29.55 | 58 | 0 | S | 7 | 14 | 22 | UL | — | 6 |

Thurs-day.

PROBABLE.

Fri-day.

N.E. to N.W. & S.W. NORTH-EAST

Fresh to strong - unsettled.

N. to S.W. strong - WEST
unsettled.

N.W. to W. S.W. SOUTH

Fresh to a gale - rain.

W. to S.W. strong - SOUTH-EAST

Equally - showery - J.H.B. fresh -
Cautionary Signals on Tuesday

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 23rd

Thursday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.40 | 50 | 3 | NW | 3 | 1 | 26 | C | 0.09 | 1 |
| Aberdeen ... | 29.69 | 53 | 6 | WNW | 4 | 3 | 12 | C | 0.15 | 3 |
| Leith | 29.72 | 54 | 4 | W | 2 | 2 | 8 | r | — | 2 |
| Shields | 29.44 | 55 | 4 | NW | 3 | 2 | 4 | 5 | — | 5 |
| Scarboro | 29.44 | 53 | 2 | WSW | 2 | 4 | 4 | 5 | 1.25 | 3 |
| Greencastle... | 29.86 | 53 | 3 | NW | 2 | 1 | 28 | C | 0.23 | 1 |
| Galway | 29.96 | 58 | 5 | N | 1 | 1 | 2 | C | — | 1 |
| Valentia | 29.98 | 59 | 3 | NNW | 1 | 4 | 30 | 5 | 0.08 | 2 |
| Queenston ... | 29.96 | 58 | 2 | WNW | 3 | 6 | 30 | C | — | 3 |
| Liverpool ... | 29.83 | 54 | 3 | WNW | 3 | 4 | 24 | C | 0.21 | 3 |
| Holyhead ... | 29.82 | 55 | 3 | WSW | 2 | 4 | 22 | 6 | 0.55 | 2 |
| Pembroke ... | 29.91 | 54 | 3 | NW | 2 | 4 | 24 | 5 | — | 2 |
| Penzance | 29.96 | 58 | 1 | NNW | 2 | 4 | 32 | C | — | 3 |
| Brest | 29.88 | 59 | 1 | NW | 4 | 5 | 20 | 5 | 0.91 | 5 |
| L'Orient | 29.88 | 63 | 1 | SW | 4 | 5 | 20 | 5 | 0.04 | 4 |
| Rochefort ... | | | | | | | | | | |
| Plymouth ... | 29.93 | 60 | 4 | WSW | 2 | 3 | 28 | C | — | 1 |
| Weymouth ... | 29.92 | 59 | 5 | W | 2 | 6 | 28 | C | — | 2 |
| Portsmouth... | 29.84 | 58 | 4 | NW | 2 | 8 | 28 | C | 0.10 | 1 |
| London | 29.89 | 60 | 5 | WNW | 2 | 8 | 22 | C | 0.24 | — |
| Dover | 29.91 | — | — | NW | 2 | 9 | 22 | 6 | 0.15 | 1 |
| Yarmouth ... | 29.85 | 58 | 4 | WSW | 4 | 6 | 30 | 6 | 1.00 | 2 |
| Helder | 29.85 | 59 | — | SW | 3 | — | — | C | — | 1 |
| Heligoland ... | 29.46 | 56 | 3 | WSW | 3 | 6 | 18 | 6 | 0.22 | 4 |

Fri-day.

PROBABLE.

Saturday.

W. to N. fresh -
showers.

NORTH-EAST

N. N. E. to W. N. W.
moderate.W. S. W. to N. fresh
to moderate - fine

WEST

N. to W. moderate
fine.W. S. W. to N. N. W. & N. N. E.
fresh to moderate - showers.

SOUTH

W. to N. & N. E.

W. to N. fresh to
moderate - fine.

SOUTH-EAST

moderate - fine -
W. N. W. to N. N. E.
moderate - fine -

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 24th

Friday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.84 | 53 | 3 | SW | 4 | 2 | 28 | 5 | 0.25 | 2 |
| Aberdeen ... | 29.85 | 55 | 5 | WNW | 3 | 4 | 28 | f | — | 2 |
| Leith | 29.92 | 56 | 3 | W | 2 | 2 | 32 | h | — | 1 |
| Shields | 30.01 | 53 | 3 | WNW | 4 | 3 | 28 | C | — | 3 |
| Scarboro | 30.01 | 54 | 4 | NW | 2 | 5 | 28 | h | 0.35 | 2 |
| Greencastle... | 29.99 | 56 | 2 | W | 2 | 3 | 32 | 5 | 0.04 | 3 |
| Galway | 30.05 | 64 | 5 | Z | 0 | 1 | 32 | 5 | — | 1 |
| Valentia | 30.14 | 60 | 2 | WNW | 2 | 1 | 28 | 5 | 0.09 | 2 |
| Queenston ... | 30.14 | 60 | 2 | NW | 3 | 6 | 30 | C | — | 3 |
| Liverpool ... | 30.09 | 56 | 5 | W | 3 | 5 | 26 | 5 | — | 3 |
| Holyhead ... | 30.04 | 56 | 2 | SW | 3 | 2 | 22 | C | — | 2 |
| Pembroke ... | 30.15 | 54 | 2 | NNW | 1 | 2 | 28 | b | — | 1 |
| Penzance ... | 30.22 | 58 | 2 | N | 3 | 2 | 28 | C | — | 3 |
| Brest | 30.24 | 61 | 4 | SW | 1 | 4 | 32 | f | 0.04 | 3 |
| L'Orient | 30.16 | 59 | 2 | WNW | 2 | 4 | 20 | 5 | 0.12 | 2 |
| Rochefort ... | 30.28 | 61 | 2 | N | 4 | 5 | 20 | b | 0.04 | 3 |
| Plymouth ... | 30.18 | 60 | 3 | NW | 2 | 5 | 28 | 5 | — | 1 |
| Weymouth ... | 30.16 | 60 | 3 | W | 3 | 4 | 28 | C | — | 1 |
| Portsmouth... | 30.12 | 58 | 4 | NW | 2 | 4 | 22 | C | — | 1 |
| London | 30.13 | 54 | 5 | NW | 2 | 3 | 24 | b | — | — |
| Dover | 30.13 | 62 | 4 | WNW | 2 | 4 | 22 | C | — | 1 |
| Yarmouth ... | 30.05 | 55 | 4 | NW | 4 | 5 | 28 | b | — | 2 |
| Helder | | | | | | | | | | |
| Heligoland ... | 29.88 | 55 | 4 | NW | 4 | 5 | 22 | b | 0.15 | 5 |

Saturday.

PROBABLE.

Sunday.

~~N.E. to W. N.W.~~

NORTH-EAST

~~N.N.W. to W. S.W.~~

moderate

moderate to fresh

~~N. to W. moderate~~

WEST

N.N.W. to W.S.W. light to

fine.

fresh.

~~N. to N. & N.E.~~

SOUTH

N.E. to N.W.

moderate - fine.

moderate - fine.

~~N.W. to N.N.E.~~

SOUTH-EAST

N.N.E. to W.N.W.

moderate - fine.

moderate - fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 25th

Saturday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 29.93 | 54 | 3 | NE | 2 | 4 | 18 | C | — | 1 |
| Aberdeen ... | 29.90 | 55 | 6 | NNW | 5 | 3 | 30 | b | — | 3 |
| Leith | 30.01 | 58 | 6 | NE | 3 | 3 | 24 | b | — | 3 |
| Shields | 29.90 | 56 | 4 | NE | 4 | 4 | 26 | O | — | 3 |
| Scarboro | 29.84 | 56 | 1 | N | 2 | 3 | 28 | O | — | 2 |
| Greencastle... | 29.96 | 55 | 2 | NE | 2 | 4 | 26 | C | 0.13 | 1 |
| Galway | 30.01 | 63 | 0 | N | 1 | 2 | 24 | O | — | 6 |
| Valentia | 30.04 | 60 | 1 | N | 1 | 3 | 28 | t | 0.09 | 3 |
| Queenston ... | 30.01 | 62 | 2 | WNW | 2 | 5 | 28 | O | — | 2 |
| Liverpool ... | 30.01 | 58 | 1 | W | 4 | 5 | 24 | f | 0.21 | 3 |
| Holyhead ... | 29.92 | 58 | 1 | WSW | 3 | 5 | 20 | C | 0.25 | 3 |
| Pembroke ... | 30.02 | 59 | 2 | WNW | 3 | 3 | 24 | O | — | 2 |
| Penzance ... | 30.08 | 60 | 2 | NW | 4 | 3 | 24 | O | — | 3 |
| Brest | 30.12 | 59 | 2 | W | 3 | 4 | 26 | O | — | 3 |
| L'Orient | 30.12 | 59 | 2 | NW | 2 | 4 | 22 | O | — | 2 |
| Rochefort ... | 30.24 | 61 | 2 | WNW | 2 | 4 | 28 | f | — | 2 |
| Plymouth ... | 30.06 | 61 | 4 | W | 4 | 4 | 20 | O | — | 2 |
| Weymouth ... | 30.02 | 60 | 3 | W | 3 | 5 | 24 | C | — | 1 |
| Portsmouth... | 30.00 | 61 | 5 | W | 4 | 6 | 22 | O | — | 3 |
| London | 29.98 | 63 | 5 | W | 3 | 4 | 26 | C | — | — |
| Dover | 29.98 | 64 | 3 | WSW | 2 | 3 | 22 | O | — | 1 |
| Yarmouth ... | 29.88 | 60 | 4 | W | 5 | 3 | 28 | C | — | 2 |
| Helder | 29.86 | 60 | — | WSW | 6 | — | — | O | — | 3 |
| Heligolnd ... | 29.80 | 55 | 2 | WSW | 5 | 6 | 22 | O | — | 6 |

Sun-day.

PROBABLE.

Monday.

N.E. to W.N.W.

NORTH-EAST

N.W. to S.W.

moderate.

fresh. showers.

N. to W. light to

WEST

N.N.W. to W.S.W.

fresh. showers.

fresh - some rain

N. to W. moderate

SOUTH

W.N.W. to S.S.W.

to fresh - some rain.

moderate to strong.

N.W. to W.S.W.

SOUTH-EAST

N.W. to S.W. fresh

moderate to fresh.

showery.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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 magnet). Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence extreme force. (NNE=2 to 32°)

EIGHT A.M.

WEATHER REPORT.

1863.

July 27th

Monday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.10 | 63 | 4 | W | 2 | 2 | 4 | c | 0.07 | 2 |
| Aberdeen ... | 30.10 | 63 | 5 | ENE | 2 | 5 | 28 | b | — | 2 |
| Leith | 30.12 | 63 | 5 | W | 1 | 2 | 8 | o | — | 1 |
| Shields | 30.20 | 61 | 6 | NW | 2 | 2 | 28 | b | — | 2 |
| Scarboro | 30.19 | 58 | 3 | S | 1 | 2 | 8 | b | — | 1 |
| Greencastle ... | 30.19 | 61 | 2 | SW | 1 | 2 | 32 | f | — | 1 |
| Galway | 30.21 | 64 | 1 | Z | 0 | 1 | 32 | c | — | 1 |
| Valentia | 30.19 | 63 | 3 | NW | 1 | 2 | 32 | f | — | 1 |
| Queenston ... | 30.20 | 62 | 2 | WSW | 1 | 3 | 28 | c | — | 1 |
| Liverpool ... | 30.23 | 58 | 1 | SSE | 1 | 4 | 26 | b | 0.08 | 2 |
| Holyhead ... | 30.14 | 59 | 3 | ESE | 2 | 3 | 32 | b | 0.10 | 2 |
| Pembroke ... | 30.23 | 61 | 2 | SE | 1 | 2 | 24 | b | — | 1 |
| Penzance ... | 30.22 | 60 | 2 | ESE | 2 | 3 | 28 | b | — | 3 |
| Brest | 30.16 | 59 | 4 | E | 3 | 2 | 24 | f | 0.04 | 3 |
| L'Orient | 30.12 | 59 | 1 | NNE | 2 | 3 | 24 | b | — | 2 |
| Rochefort ... | 30.16 | 63 | 4 | E | 2 | 4 | 28 | b | — | 2 |
| Plymouth ... | 30.23 | 64 | 2 | E | 3 | 3 | 14 | b | — | 2 |
| Weymouth ... | 30.23 | 62 | 5 | ESE | 1 | 3 | 24 | b | — | 1 |
| Portsmouth... | 30.21 | 60 | 3 | NNW | 2 | 5 | 24 | c | 0.13 | 1 |
| London | 30.24 | 59 | 3 | SSW | 1 | 4 | 32 | ul | 0.18 | — |
| Dover | 30.26 | — | — | SE | 1 | 2 | 8 | b | — | 1 |
| Yarmouth ... | 30.22 | 58 | 3 | E | 3 | 4 | 8 | b | — | 3 |
| Helder | 30.22 | 57 | — | NNW | 2 | — | — | c | — | 1 |
| Heligoland ... | 30.14 | 58 | 1 | NE | 3 | 4 | 2 | b | 0.24 | 2 |

Tues. - day.

PROBABLE.

Wednesday.

S. W. to N. N. W.

NORTH-EAST

S. W. to N. W. & N. E.

Variable - fine.

Light to fresh - fine

E. to S. & S. W.

WEST

S. E. to S. W. & N. W.

Light to moderate. fine

moderate to fresh -

N. E. to S. S. E. & S. S. W. SOUTH

S. E. to W. light to

moderate - fine

fresh -

S. W. to S. W. variable. SOUTH-EAST

E. S. E. to S. S. W.

fine.

Light to fresh -

NORTH-EAST=Moray Firth to Norfolk.

WEST=Donegal to Cornwall.

SOUTH=Channel and French Coasts.

SOUTH-EAST=Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 28th

Tues day

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.02 | 60 | 3 | SSW | 2 | 3 | 18 | c | — | 1 |
| Aberdeen ... | 30.03 | 59 | 3 | NW | 2 | 3 | 12 | o | — | 2 |
| Leith | 30.03 | 63 | 4 | W | 1 | 2 | 26 | o | — | 1 |
| Shields | 30.09 | 62 | 5 | NW | 2 | 2 | 28 | t | — | 2 |
| Scarboro | 30.07 | 61 | 2 | SW | 1 | 2 | 12 | b | — | 1 |
| Greencastle... | 30.09 | 60 | 2 | NW | 1 | 2 | 12 | o | 0.08 | 1 |
| Galway | 30.13 | 65 | 1 | Z | 0 | 0 | Z | c | — | 1 |
| Valentia | 30.13 | 62 | 4 | NNW | 1 | 1 | 28 | o | — | 1 |
| Queenston ... | 30.11 | 63 | 1 | N | 1 | 5 | 20 | c | — | 1 |
| Liverpool ... | 30.11 | 63 | 4 | S | 1 | 2 | 28 | c | — | 2 |
| Holyhead ... | 30.07 | 61 | 2 | SSW | 2 | 2 | 10 | c | — | 2 |
| Pembroke ... | 30.12 | 58 | 3 | Z | 0 | 2 | 26 | ul | — | 1 |
| Penzance | 30.13 | 61 | 2 | E | 3 | 5 | 16 | c | — | 3 |
| Brest | 30.04 | 64 | 4 | E | 3 | 3 | 32 | c | — | 3 |
| L'Orient | 29.96 | 61 | 5 | NNE | 2 | 3 | 16 | b | — | 2 |
| Rochefort ... | 30.04 | 61 | 4 | E | 4 | 4 | 8 | b | — | 2 |
| Plymouth ... | 30.10 | 62 | 2 | SE | 2 | 4 | 12 | b | — | 1 |
| Weymouth ... | 30.10 | 63 | 4 | NE | 2 | 2 | 12 | b | — | 1 |
| Portsmouth... | 30.09 | 63 | 4 | ESE | 3 | 3 | 18 | c | — | 2 |
| London | 30.12 | 63 | 4 | W | 1 | 0 | Z | b | — | — |
| Dover | 30.14 | 66 | 3 | SSE | 1 | 1 | 12 | o | — | 1 |
| Yarmouth ... | 30.09 | 61 | 4 | S | 4 | 3 | 14 | c | — | 2 |
| Helder | 30.17 | 58 | — | SSW | 2 | — | — | c | — | 1 |
| Heligoland ... | 30.15 | 57 | 2 | WNW | 3 | 3 | 32 | c | — | 3 |

Wednes day.

PROBABLE.

Thurs day.

S.W. to N. light NORTH-EAST N.N.W. to S.S.W.

to fresh - fine.

moderate - fine.

S.W. to N.W. light - WEST

S.W. to N.W.

~~variable~~
~~to moderate~~ some showers.

moderate to fresh - fine.

N.E. to S.S.W.

SOUTH

~~S.S.W. to W.N.W.~~

light to fresh - fine

fresh moderate -

E. to W. moderate SOUTH-EAST

S. to N.W. moderate

fine.

to fresh -

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

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; 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.

July 29th

Wednesday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.10 | 55 | 4 | NE | 2 | 2 | 20 | C | — | 1 |
| Aberdeen ... | 30.08 | 55 | 5 | N | 3 | 4 | 12 | 0 | 0.25 | 2 |
| Leith | 30.07 | 54 | 4 | SE | 2 | 3 | 24 | 0 | — | 2 |
| Shields | 30.07 | 58 | 4 | NE | 4 | 2 | 28 | 0 | — | 3 |
| Scarboro | 30.01 | 61 | 4 | NW | 2 | 1 | 30 | 6 | — | 1 |
| Greencastle ... | 30.14 | 54 | 4 | N | 1 | 3 | 30 | 0 | — | 1 |
| Galway | 30.14 | 61 | 3 | NNW | 1 | 1 | 24 | 6 | — | 1 |
| Valentia | 30.15 | 62 | 5 | Z | 0 | 2 | 32 | 6 | — | 1 |
| Queenston ... | 30.12 | 60 | 2 | NW | 1 | 4 | 30 | C | — | 1 |
| Liverpool ... | 30.09 | 61 | 6 | NW | 2 | 3 | 28 | C | — | 1 |
| Holyhead ... | 30.08 | 54 | 2 | N | 2 | 2 | 18 | 6 | — | 2 |
| Pembroke ... | 30.09 | 61 | 2 | NNW | 1 | 1 | 30 | 6 | — | 1 |
| Penzance ... | 30.13 | 61 | 2 | N | 1 | 3 | 2 | C | — | 2 |
| Brest | 30.08 | 63 | 3 | N | 3 | 4 | 2 | C | — | 3 |
| L'Orient | 30.00 | 61 | 5 | N | 2 | 2 | 4 | 6 | — | 2 |
| Rochefort ... | 30.00 | 68 | 4 | N | 4 | 4 | 28 | 0 | — | 2 |
| Plymouth ... | 30.08 | 65 | 5 | W | 4 | 3 | 12 | 6 | — | 1 |
| Weymouth ... | 30.04 | 65 | 5 | NNE | 2 | 3 | 16 | 6 | — | 1 |
| Portsmouth... | 29.99 | 62 | 4 | NNW | 3 | 3 | 16 | ul | — | 2 |
| London | 30.03 | 63 | 4 | NW | 2 | 0 | 2 | C | — | — |
| Dover | 30.01 | — | — | WNW | 1 | 2 | 12 | 6 | — | 1 |
| Yarmouth ... | 29.99 | 61 | 2 | NW | 1 | 4 | 16 | 6 | — | 1 |
| Helder | 29.99 | 60 | — | SW | 2 | — | — | 6 | — | 1 |
| Heligoland ... | 29.99 | 59 | 1 | NW | 2 | 3 | 24 | 6 | — | 2 |

Thursday.

PROBABLE.

Friday.

N.E. to W. moderate NORTH-EAST N. to W. moderate

fine.

fine.

N.W. to N.E. light. WEST

N.E. to W. moderate?

fine.

fine.

N.N.W. to E.N.E. SOUTH

N.E. to S. moderate.

light to moderate-fine

N.W. to E. variable SOUTH-EAST

N.E. to S.E. moderate

fine.

V.H.B. fine.

NORTH-EAST = Moray Firth to Norfolk.

WEST = Donegal to Cornwall.

SOUTH = Channel and French Coasts.

SOUTH-EAST = Strait of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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.

July 30th

Thursday

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|-----------------|-------|----|----|-----|----|----|----|----|----|----|
| Nairn | 30.22 | 56 | 4 | NE | 2 | 1 | 6 | C | — | 1 |
| Aberdeen ... | 30.23 | 56 | 4 | NE | 3 | 4 | 32 | 5 | — | 2 |
| Leith | 30.20 | 59 | 6 | SE | 1 | 2 | 12 | 5 | — | 1 |
| Shields | 30.26 | 55 | 4 | N | 1 | 2 | 14 | 5 | — | 3 |
| Scarboro | 30.22 | 54 | 3 | N | 1 | 3 | 2 | 6 | — | 2 |
| Greencastle ... | 30.25 | 56 | 5 | NNE | 1 | 2 | 32 | C | — | 1 |
| Galway | 30.22 | 62 | 4 | Z | 0 | 1 | 32 | 6 | — | 1 |
| Valentia | 30.18 | 64 | 4 | SE | 1 | 1 | 32 | C | — | 1 |
| Queenston ... | 30.22 | 60 | 2 | N | 1 | 3 | 18 | C | — | 1 |
| Liverpool ... | 30.24 | 59 | 4 | SSE | 2 | 3 | 26 | C | — | 2 |
| Holyhead ... | 30.20 | 56 | 3 | WNW | 2 | 2 | 30 | C | — | 2 |
| Pembroke ... | 30.19 | 59 | 3 | NNE | 1 | 2 | 30 | 6 | — | 1 |
| Penzance ... | 30.23 | 61 | 3 | N | 3 | 4 | 32 | C | — | 3 |
| Brest | 30.20 | 61 | 4 | N | 2 | 4 | 30 | C | — | 3 |
| L'Orient | 30.12 | 61 | 3 | SW | 1 | 3 | 2 | C | — | 1 |
| Rochefort ... | 30.20 | 63 | 2 | N | 1 | 5 | 28 | 6 | — | 2 |
| Plymouth ... | 30.18 | 63 | 4 | NNW | 4 | 5 | 4 | 6 | — | 1 |
| Weymouth ... | 30.14 | 60 | 3 | NE | 3 | 3 | 24 | UL | — | 2 |
| Portsmouth ... | 30.15 | 62 | 5 | E | 3 | 3 | 28 | UL | — | 2 |
| London | 30.21 | 60 | 6 | NNE | 3 | 5 | 28 | 6 | — | — |
| Dover | 30.23 | 64 | 4 | NNE | 1 | 1 | 8 | 6 | — | 1 |
| Yarmouth ... | 30.19 | 58 | 4 | NNW | 4 | 4 | 2 | C | — | 3 |
| Heligoland ... | 30.04 | 56 | 3 | N | 4 | 3 | 4 | C | — | 3 |

Fri - day.

PROBABLE
ON THE
NORTH EAST

Sat - day.

N. to N. & W.
variable - fine.N. to W.
moderate - fine.N.E. to W. light.
variable - fine.

WEST COASTS

N.E. to N.W. & S.W.
moderate.N.W. to S. light
moderate - fine.

SOUTH COASTS

E.N.E. to S.S.W.
moderate.N. to S. moderate
fine -

SOUTH EAST

N.N.E. to W.
moderate - fine.

V.D.H.B.

NORTH EAST=Caithness to Norfolk.

WEST=Donegal to Cornwall.

SOUTH=Channel and Bay Coasts.

SOUTH EAST=Straits of Dover to Norfolk.

Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth 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; 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. July 31st

| | B. | E. | D. | W. | F. | X. | Q. | I. | R. | S. |
|----------------|-------|----|----|-----|----|----|----|----|------|----|
| Nairn | 30.28 | 54 | 3 | W | 1 | 2 | 6 | b | — | 1 |
| Aberdeen ... | 30.30 | 56 | 3 | ESE | 4 | 3 | 4 | b | — | 2 |
| Leith | 30.31 | 58 | 4 | SE | 1 | 1 | 12 | m | — | 1 |
| Shields | 30.36 | 56 | 4 | SE | 2 | 2 | 12 | c | — | 2 |
| Scarboro | 30.35 | 54 | 3 | S | 1 | 2 | 8 | b | — | 1 |
| Greencastle... | 30.25 | 58 | 3 | NE | 1 | 1 | 2 | ul | — | 1 |
| Galway | 30.17 | 63 | 1 | Z | 0 | 0 | 2 | b | — | 1 |
| Valentia | 30.10 | 65 | 6 | S | 2 | 3 | 18 | o | — | 2 |
| Queenston ... | 30.14 | 66 | 2 | SE | 4 | 3 | 16 | c | — | 4 |
| Liverpool ... | 30.31 | 58 | 5 | ESE | 2 | 3 | 10 | ul | — | 1 |
| Holyhead ... | 30.23 | 65 | 8 | E | 2 | 2 | 26 | b | — | 2 |
| Pembroke ... | 30.22 | 61 | 5 | SE | 3 | 1 | 10 | o | — | 3 |
| Penzance ... | 30.14 | 62 | 5 | SE | 8 | 3 | 32 | c | — | 5 |
| Brest | 30.12 | 64 | 4 | ESE | 2 | 4 | 2 | o | — | 3 |
| L'Orient | 30.04 | 63 | 4 | ENE | 3 | 3 | 16 | c | — | 2 |
| Rochefort ... | | | | | | | | | | |
| Plymouth ... | 30.20 | 63 | 8 | E | 4 | 2 | 20 | o | — | 5 |
| Weymouth ... | 30.26 | 64 | 6 | E | 5 | 4 | 10 | c | — | 4 |
| Portsmouth... | 30.25 | 60 | 6 | E | 3 | 3 | 18 | c | — | 2 |
| London | 30.33 | 59 | 5 | E | 3 | 1 | 4 | b | — | — |
| Dover | 30.31 | 61 | 5 | E | 2 | 3 | 8 | c | — | 2 |
| Yarmouth ... | 30.32 | 59 | 4 | NE | 4 | 3 | 4 | c | — | 3 |
| Heligolnd ... | 30.18 | 54 | 2 | N | 6 | 4 | 32 | c | 0.07 | 4 |

Satur-day.

PROBABLE
ON THE
NORTH EAST

Sun-day.

N.E. to S.E. moderate
fresh-fine-

NORTH EAST

S.E. to W.

fresh. ~~fine~~

to S. moderate
to fresh - ~~fine~~

WEST COASTS

S.S.E. to W.S.W.

fresh. showers-

N.E. to S.S.E.
~~fresh-fine~~

SOUTH COASTS

S.S.E. to S.S.W.

moderate to strong.

~~showers~~ ~~showery~~

N.E. to S.S.E. fresh
fine.

SOUTH EAST

S. to S. & S.W.

fresh to strong

NORTH EAST=Caithness to Norfolk.

WEST=Donegal to Cornwall.

SOUTH=Channel and Bay Coasts.

SOUTH EAST=Straits of Dover to Norfolk.

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