E 1

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GALTON
PAPERS
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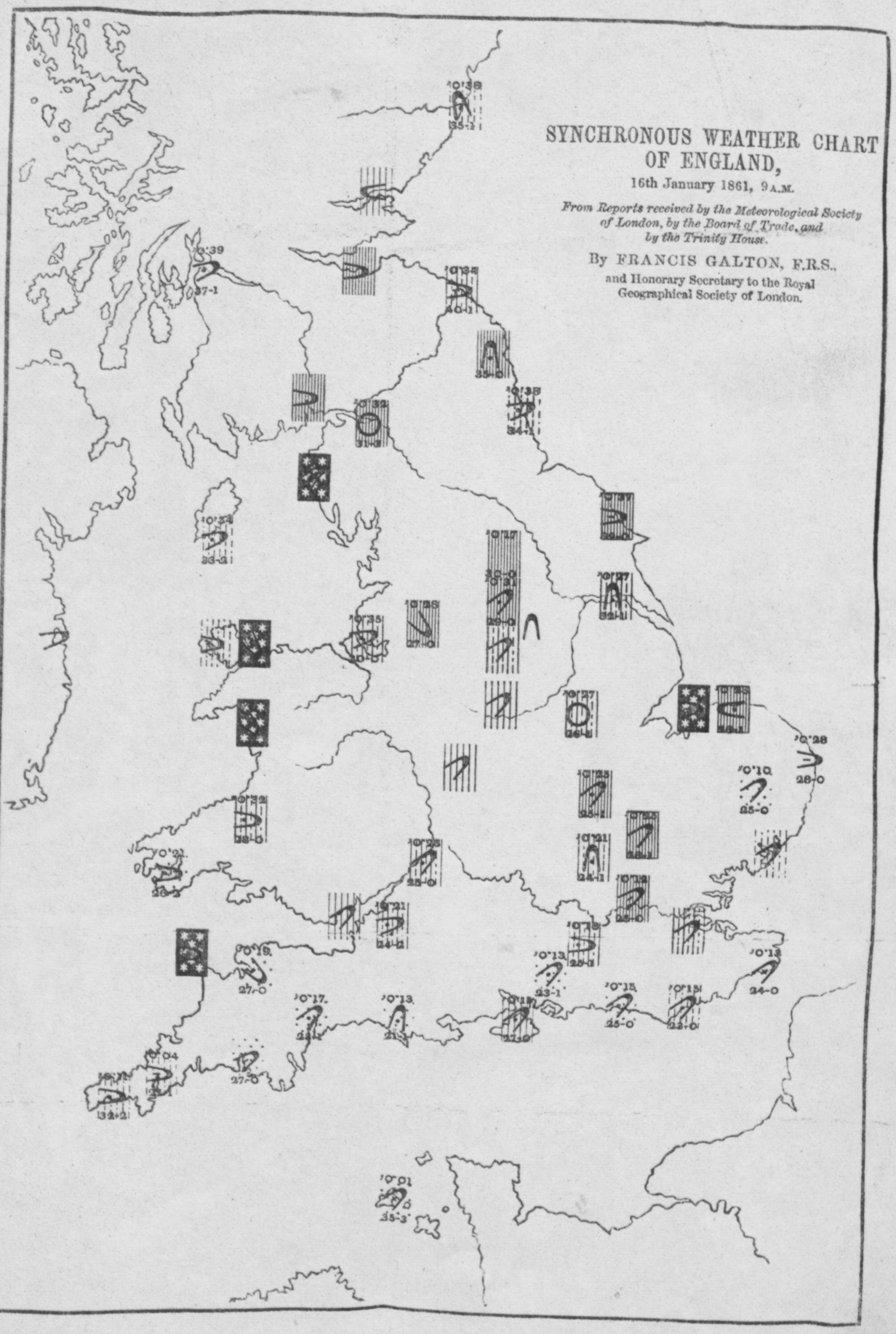
SYNCHRONOUS WEATHER CHART OF ENGLAND,

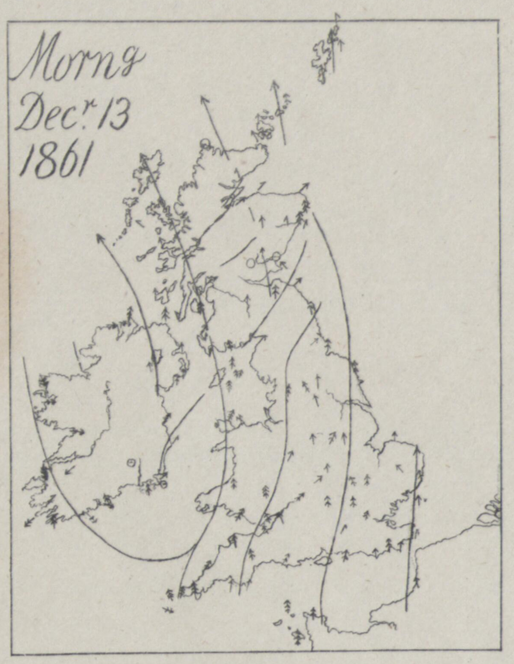
16th January 1861, 9 A.M.

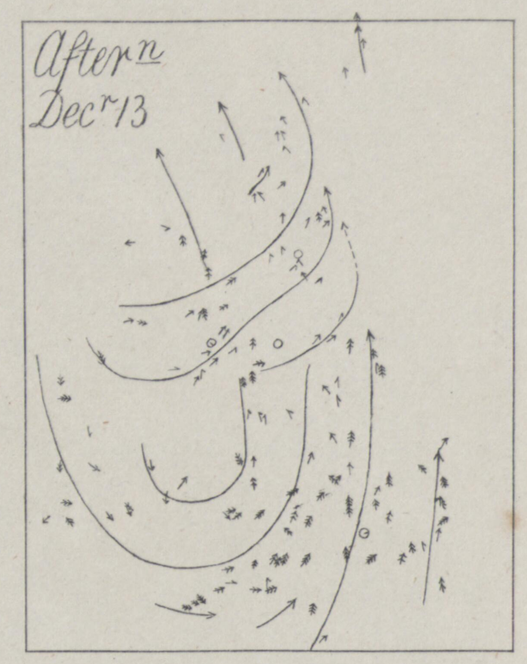
From Reports received by the Meteorological Society of London, by the Board of Trade, and by the Trinity House.

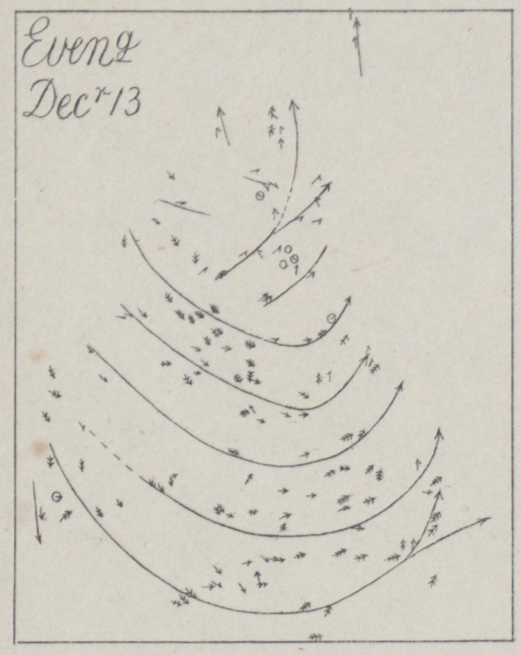
By FRANCIS GALTON, F.R.S.,
and Honorary Secretary to the Royal Geographical Society of London.

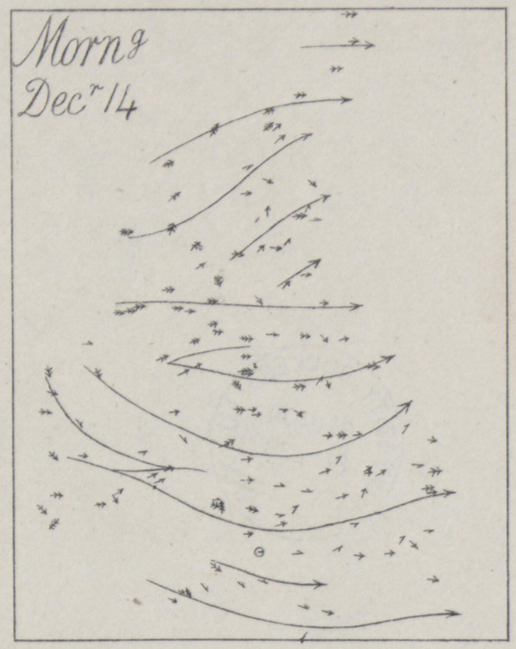


Change from a South to a West Gale.

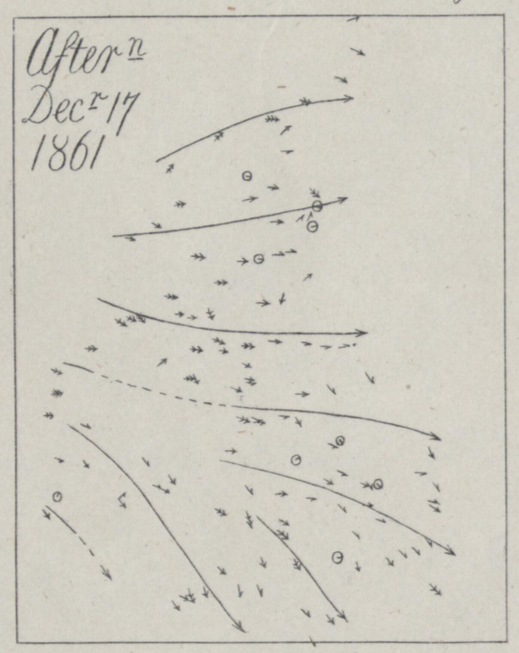


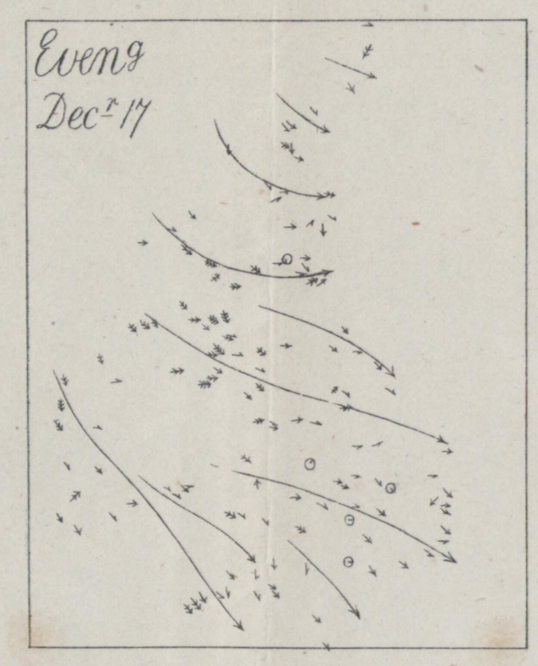


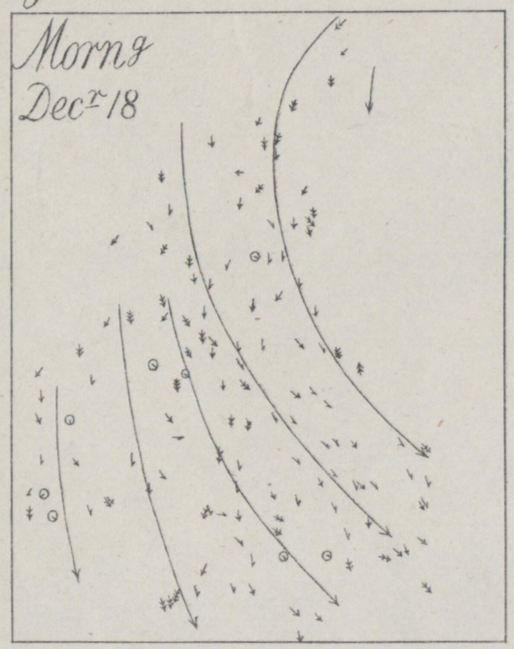




Change from a West to a North Gale



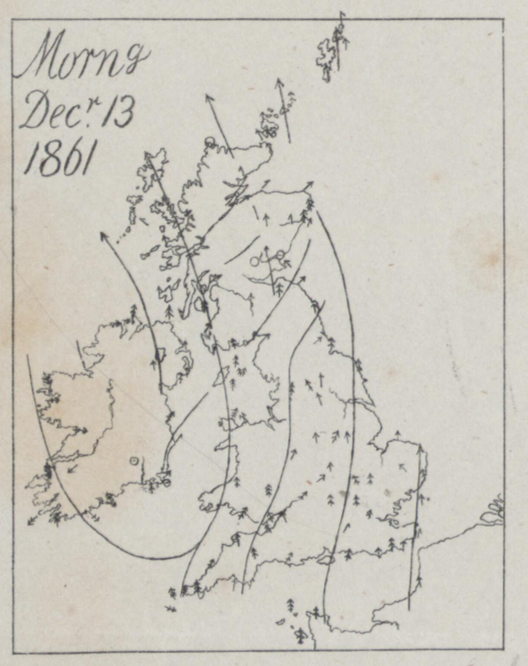


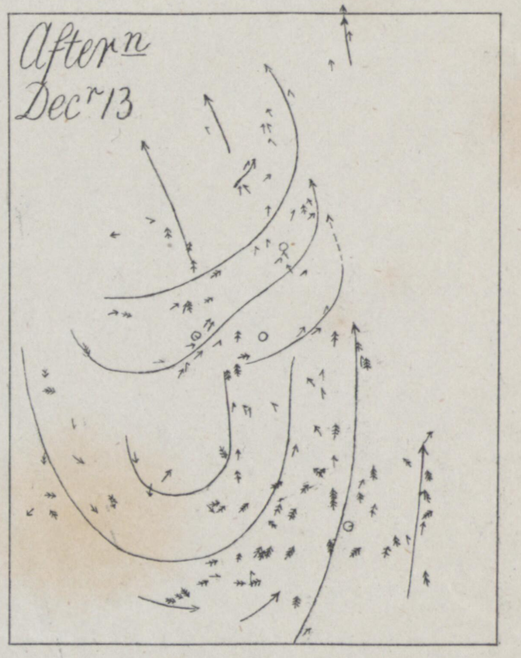


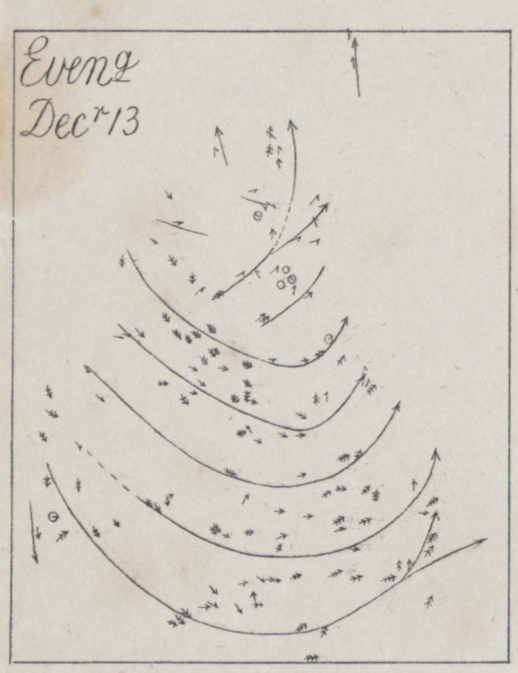
SYMBOLS FOR FORCE OF WIND

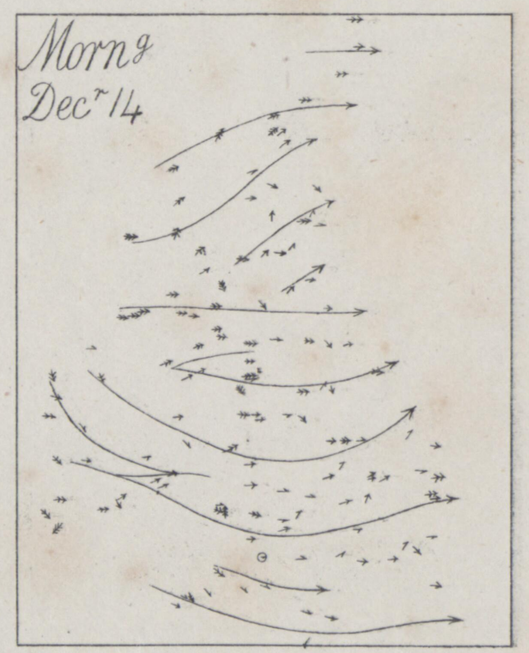
very gentle ①
gentle ↓
moderate ↓
strong ↓↓
gale ↓↓

Change from a South to a West Gale.

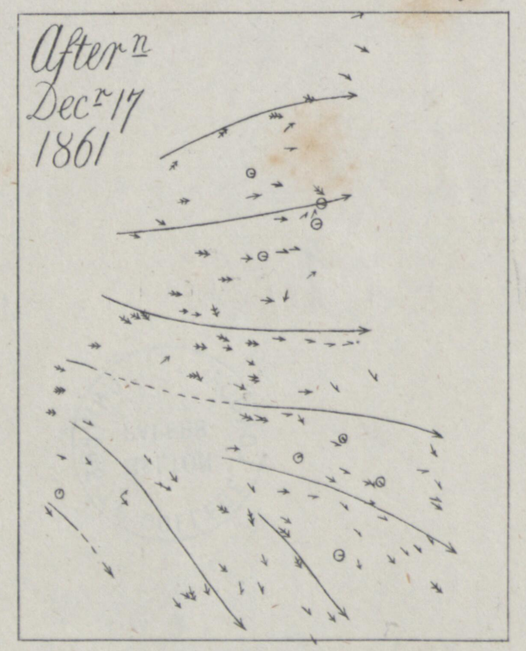


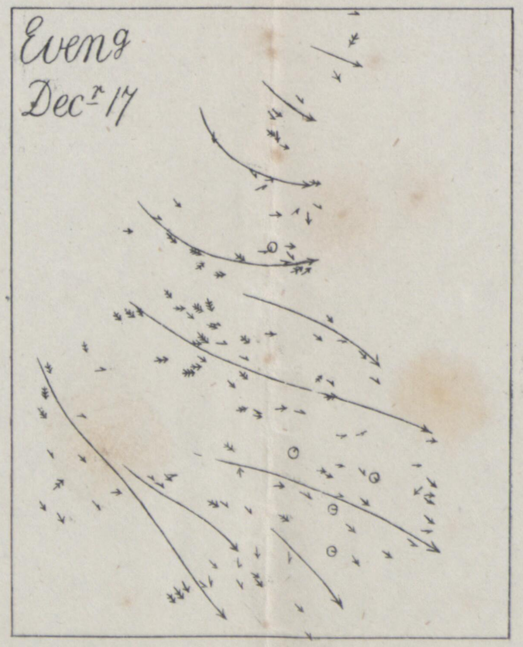


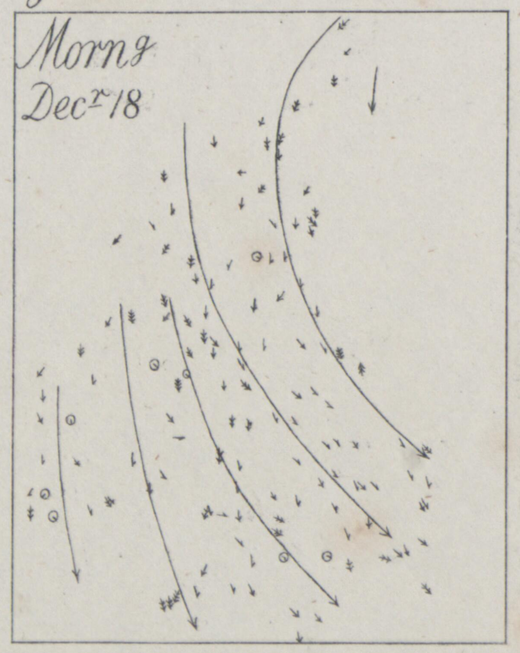




Change from a West to a North Gale



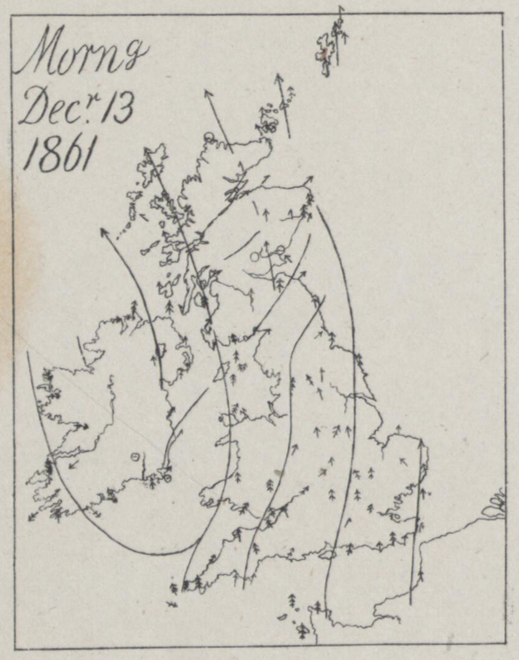


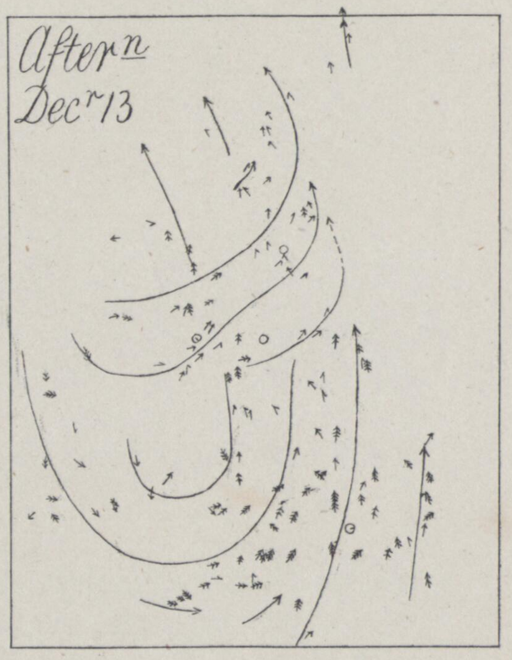


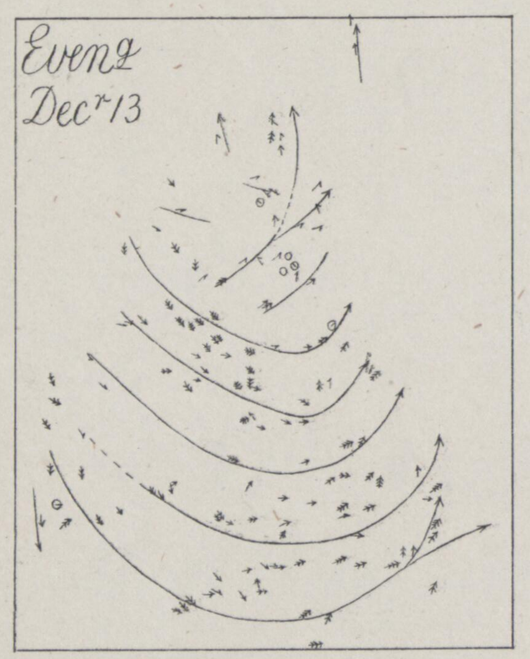
SYMBOLS FOR FORCE OF WIND

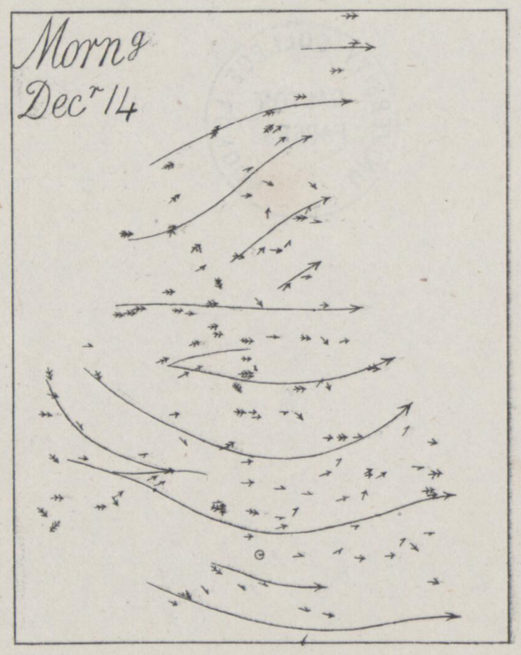
very gentle
gentle
moderate
strong
gale

Change from a South to a West Gale.

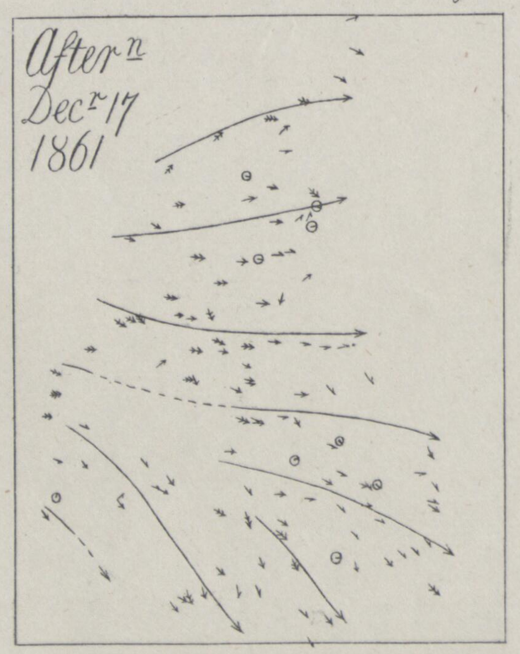


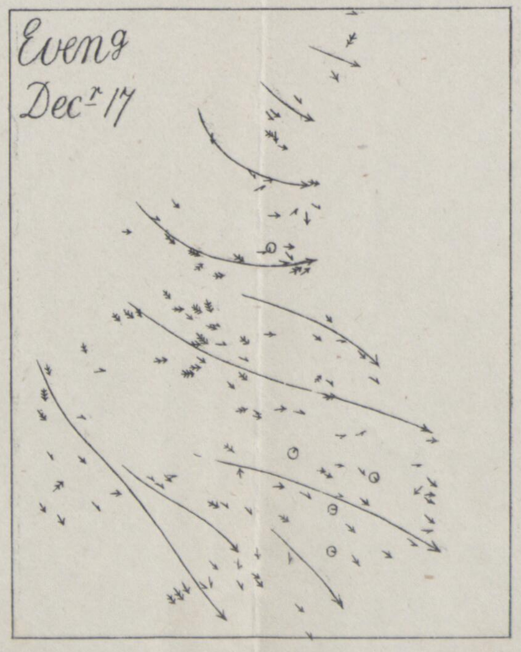


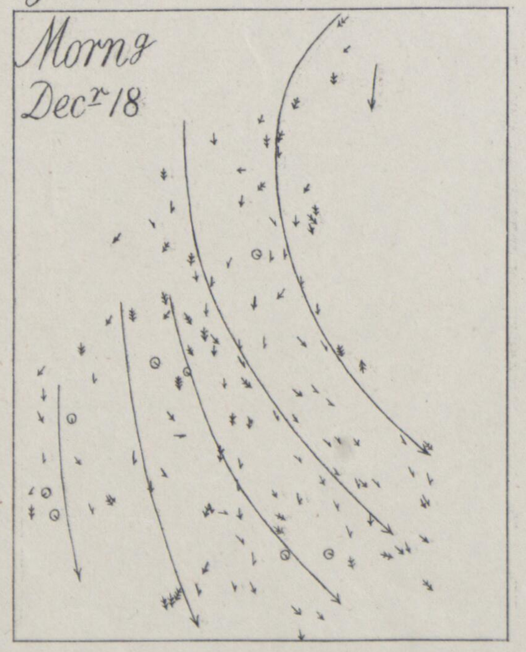




Change from a West to a North Gale



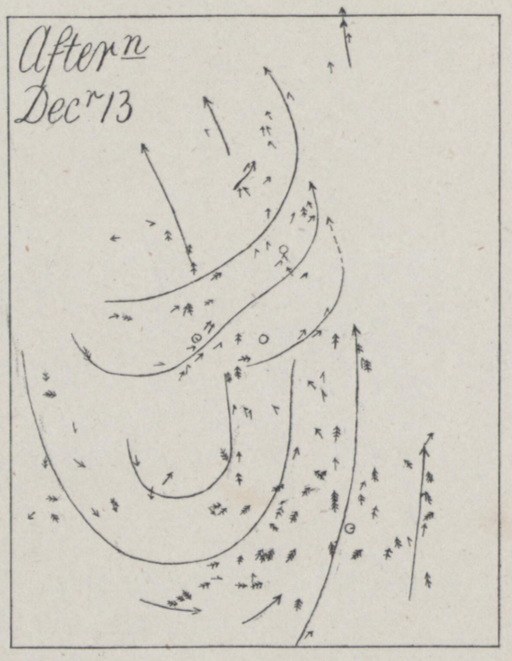


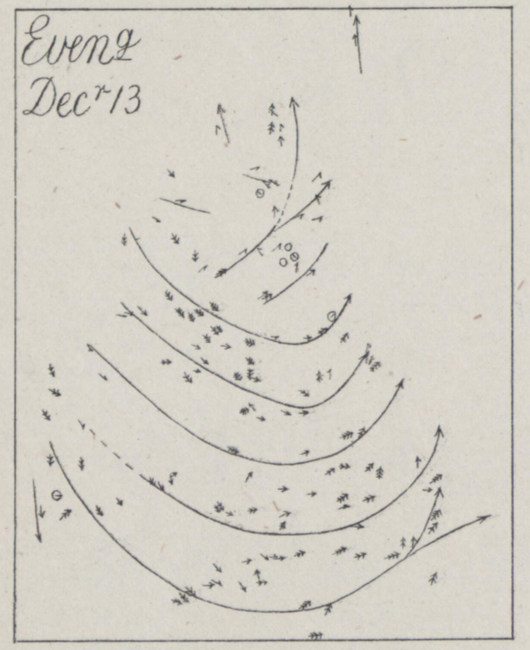


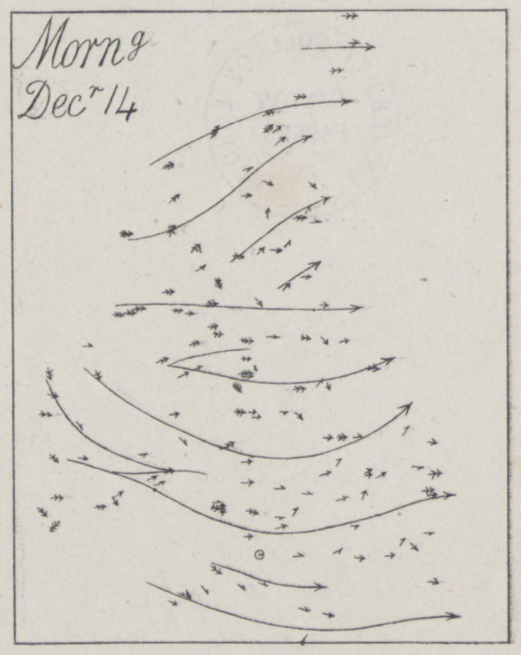
SYMBOLS FOR FORCE OF WIND

very gentle ①
gentle
moderate
strong
gale

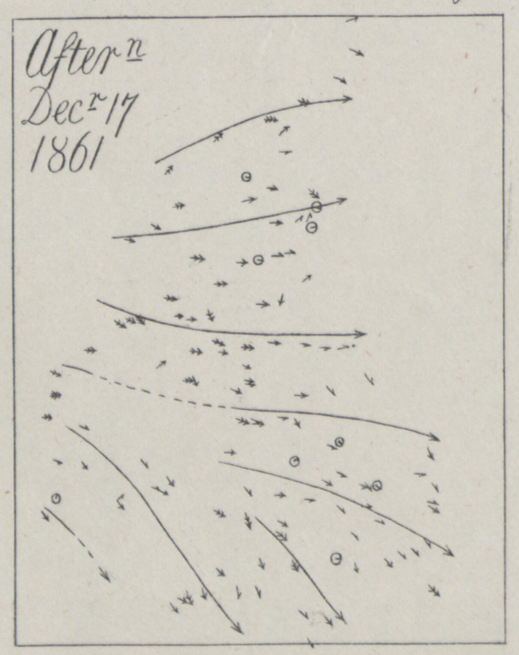
Change from a South to a West Gale.

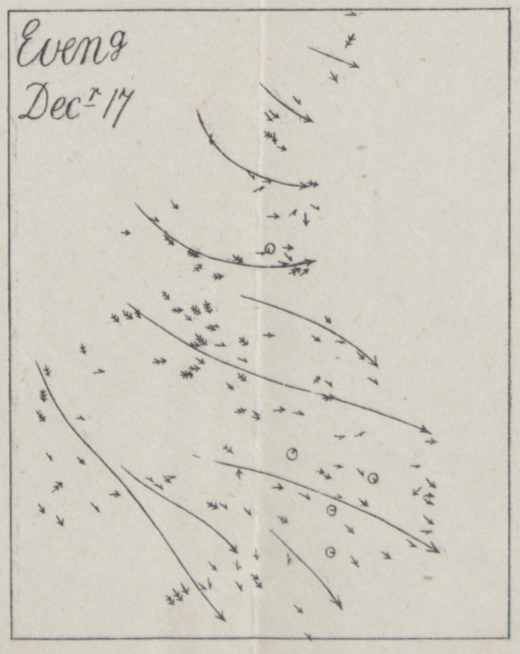


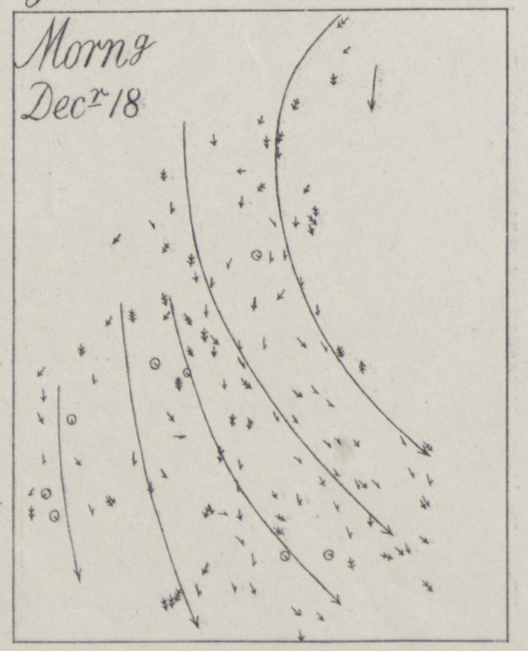




Change from a West to a North Gale







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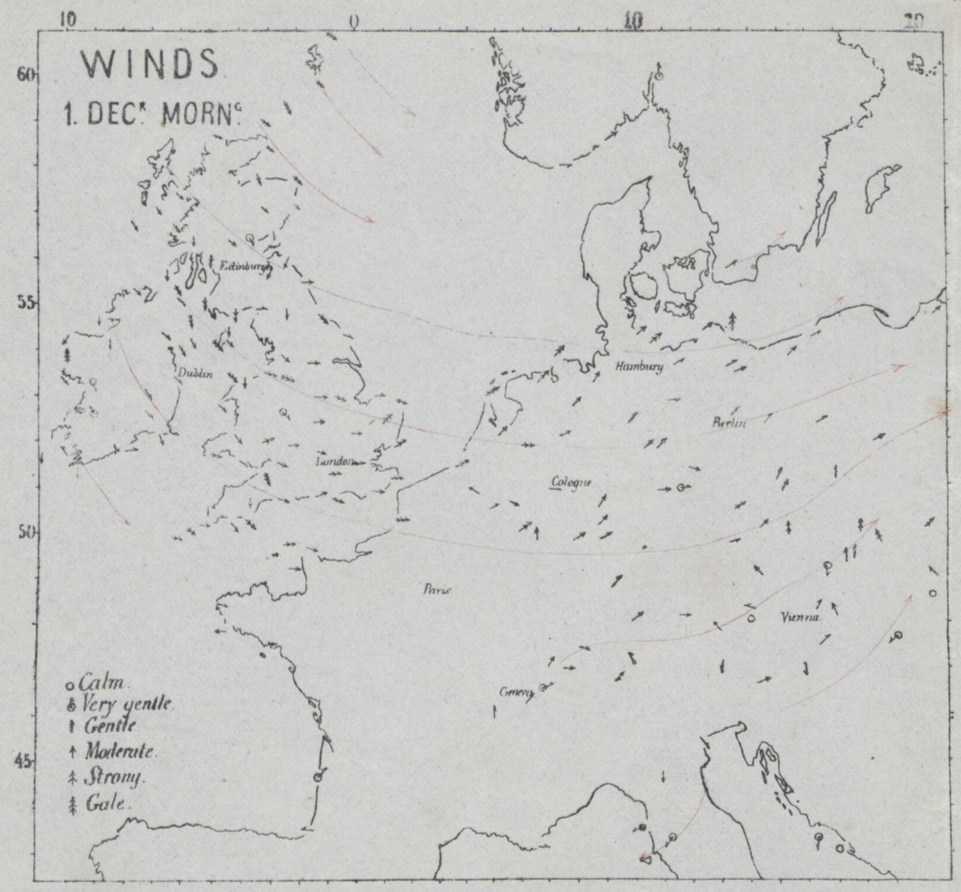
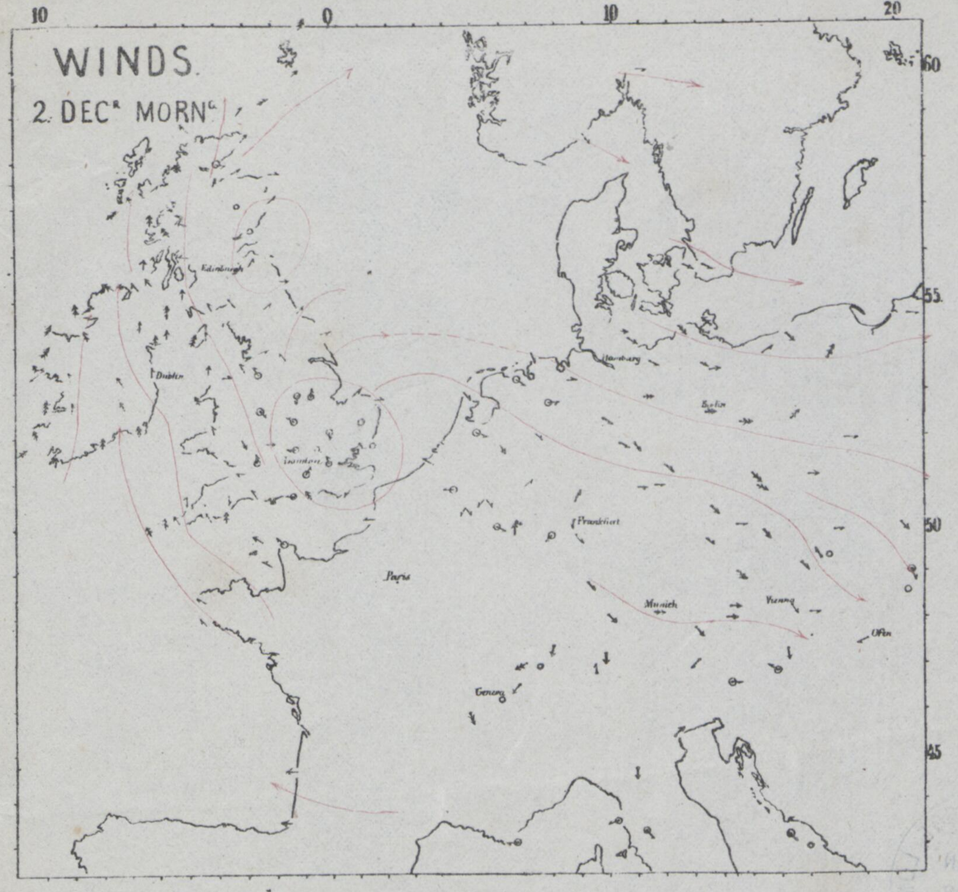
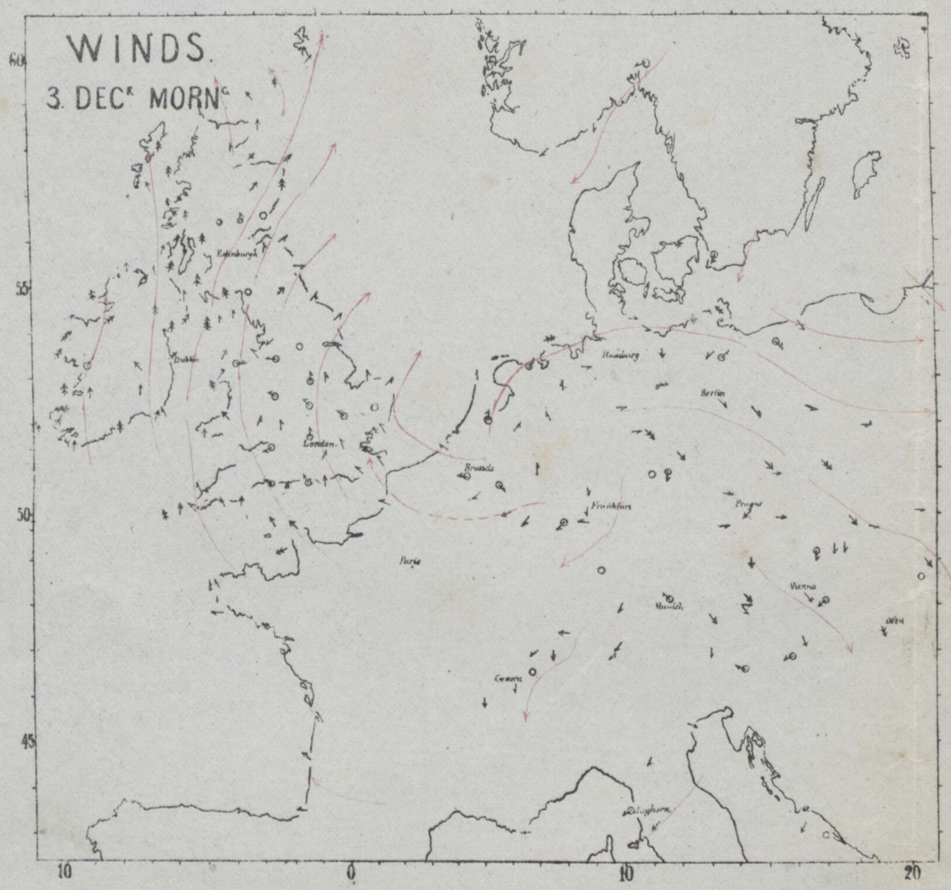
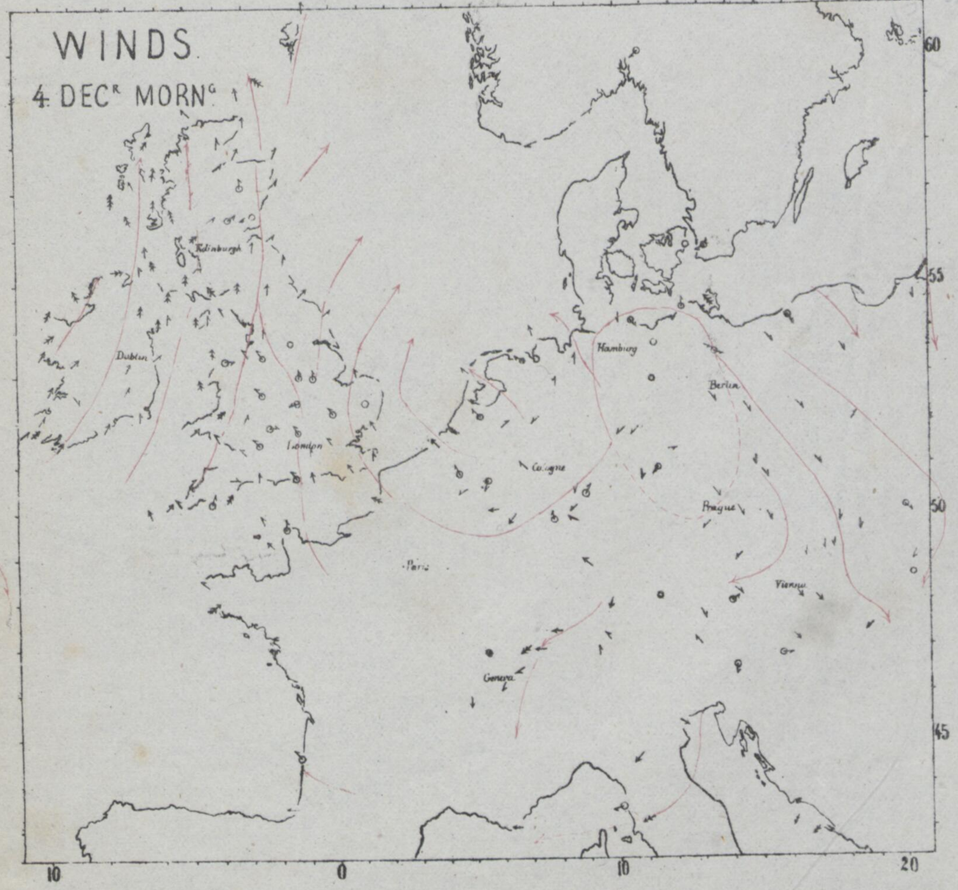

WINDS.
1. DEC.R MORN.G
Edinburgh
Dublin
Hamburg
Berlin
Cologne
Paris
Vienna
Geneva
Calm.
Very gentle.
Gentle.
Moderate.
Strong.
Gale.
10
0
10
20
60
55
50
45


WINDS.
2. DEC.R MORN.G
Edinburgh
Dublin
Hamburg
Berlin
Frankfort
Paris
Munich
Vienna
Geneva
10
0
10
20
60
55
50
45


WINDS.
3. DEC.R MORN.G
Edinburgh
Dublin
Hamburg
Berlin
London
Brussels
Frankfort
Prague
Paris
Vienna
Munich
Geneva
Boulogne
10
0
10
20
60
55
50
45


WINDS.
4. DEC.R MORN.G
Edinburgh
Dublin
Hamburg
Berlin
London
Cologne
Prague
Paris
Vienna
Geneva
10
0
10
20
60
55
50
45

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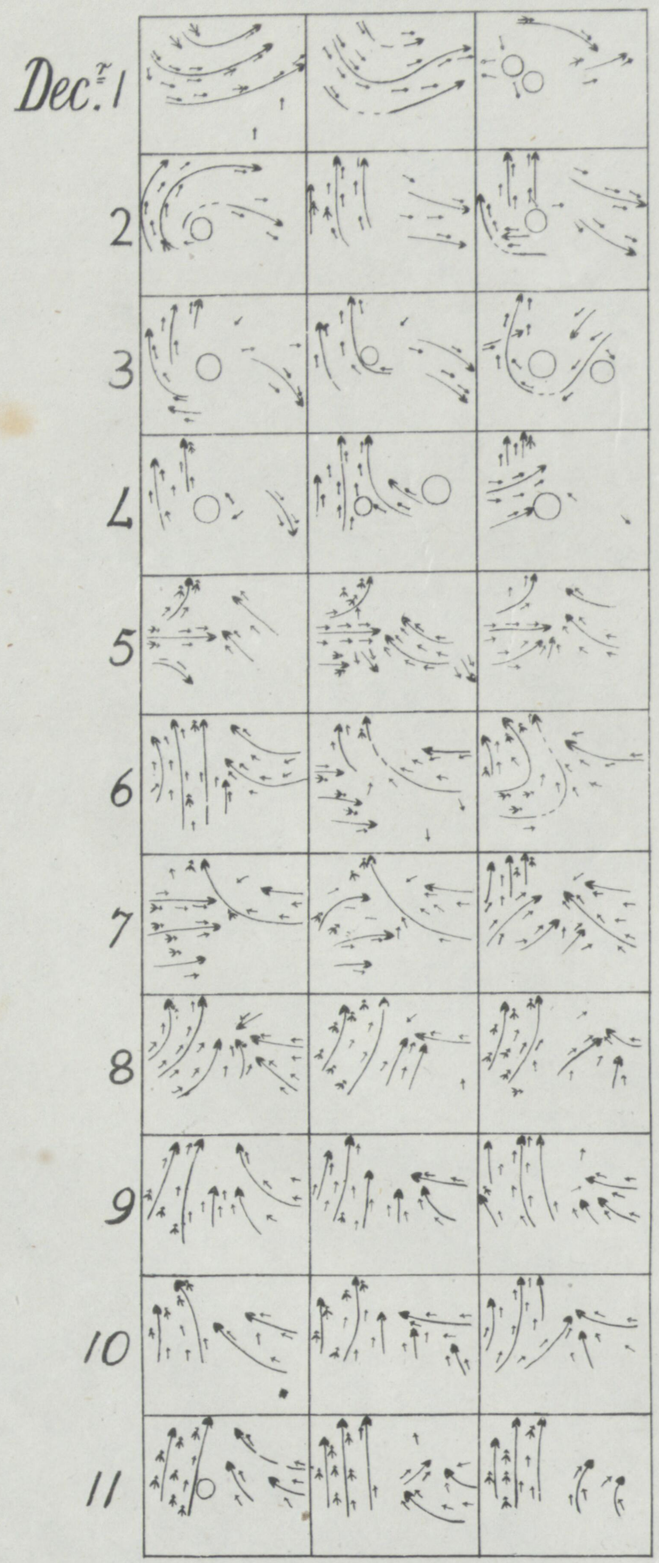
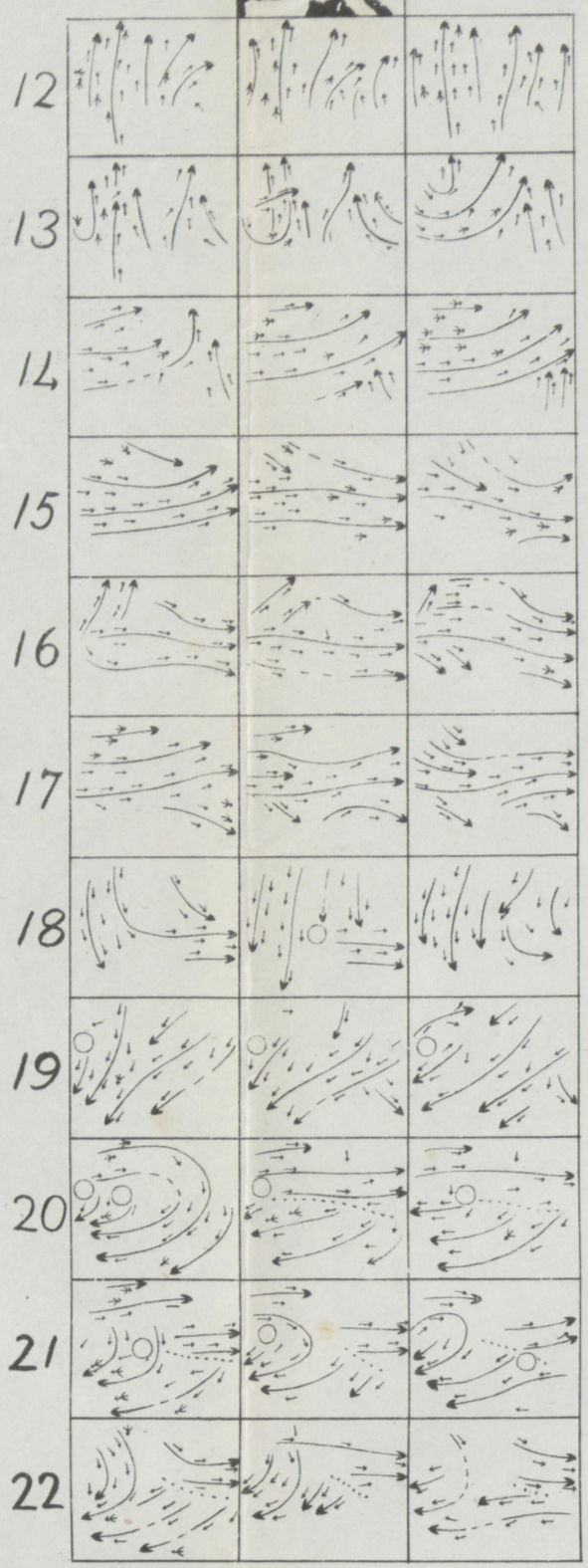
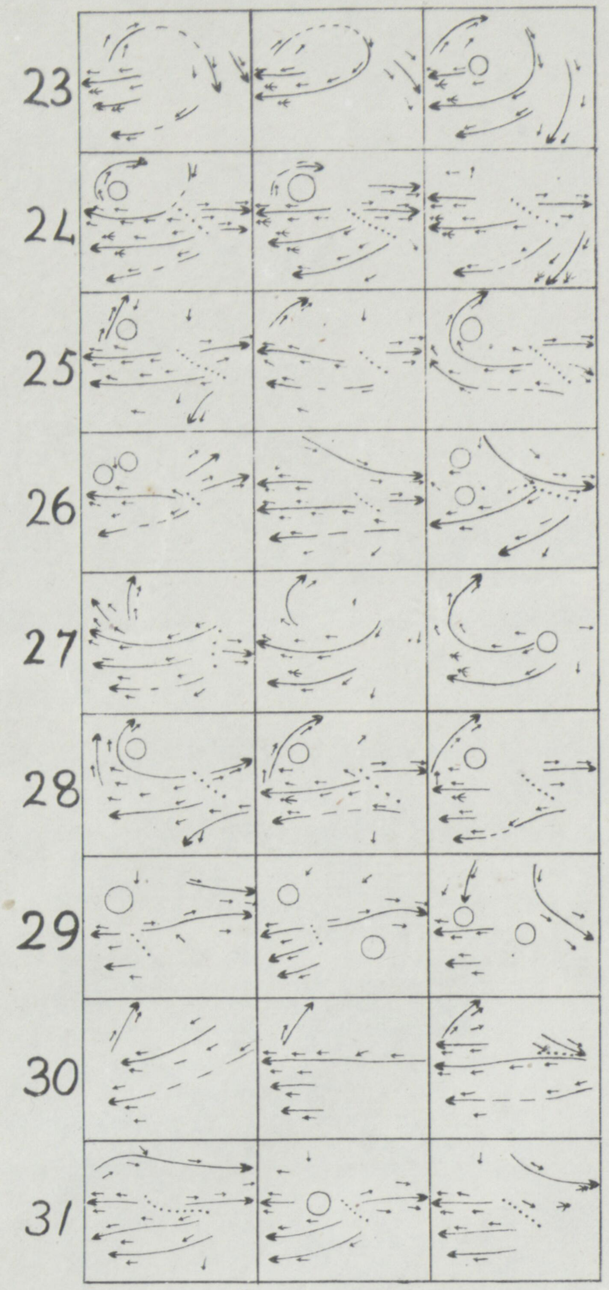
The Winds of Britain & Europe, Morn.g, Aft.n, & Ev.g of each day Dec.r 1861.



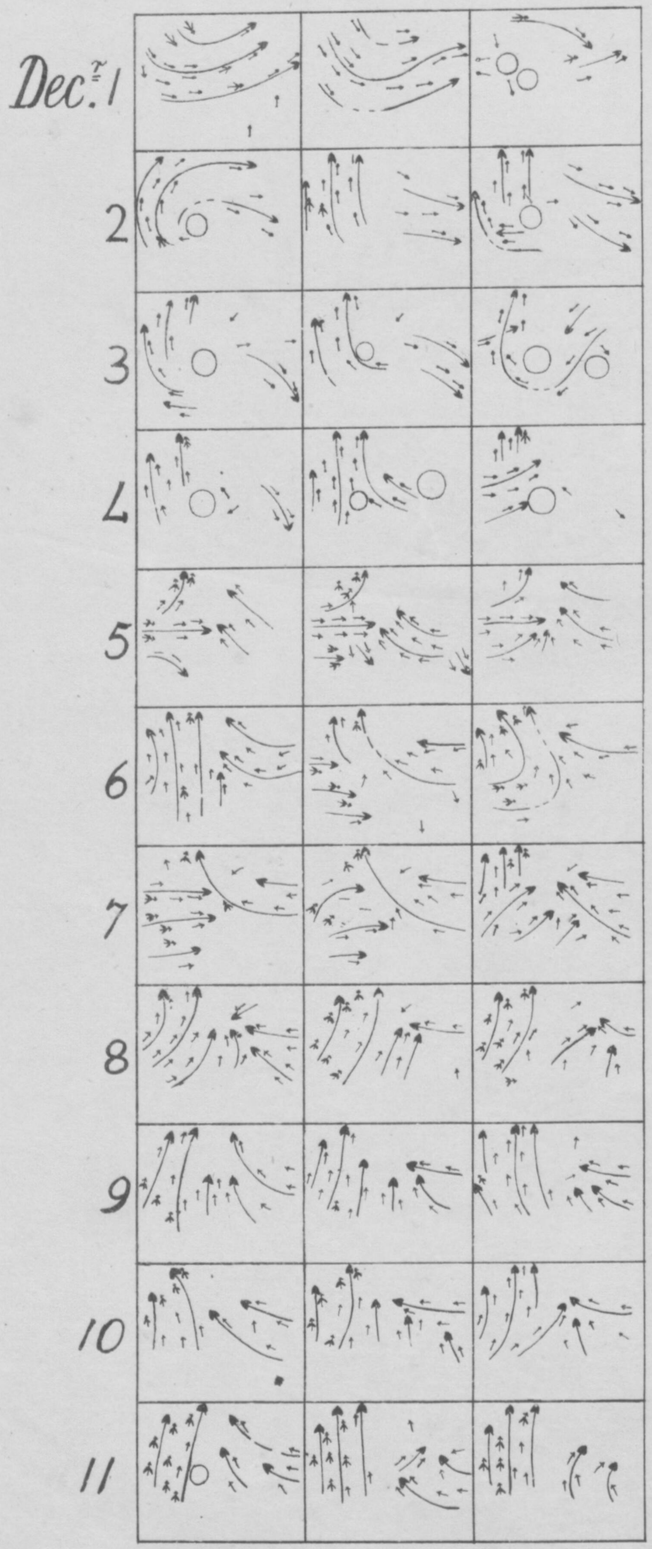


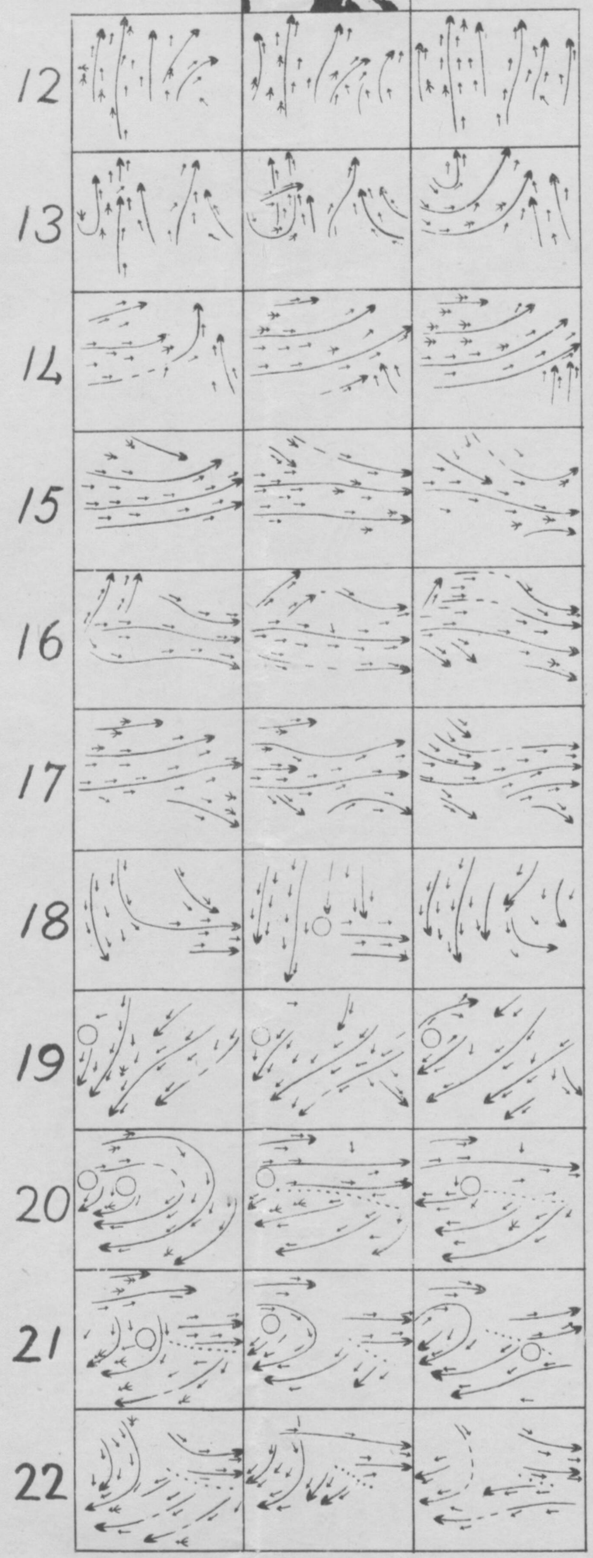


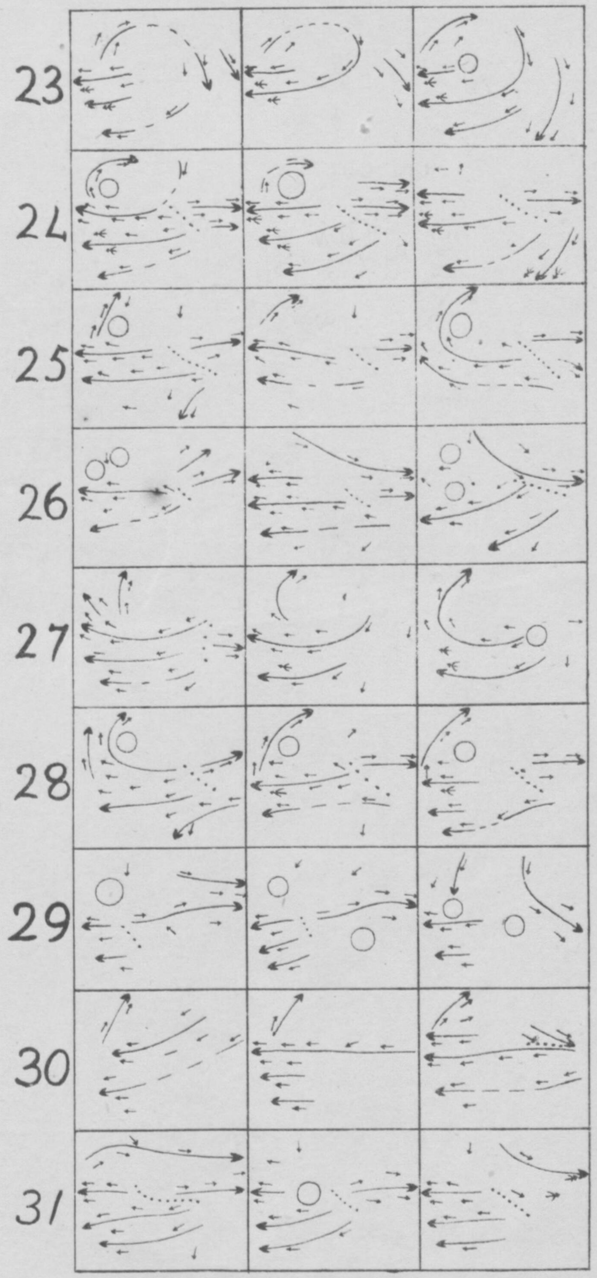
Explanation.

The arrows fly WITH the Wind:—
thus → is a West Wind.
The ↓↓ expreſs selected groups of observations.
↓ is gentle or moderate, ↓ is strong or a gale.
The → are deductions from the ↓↓.

The Winds of Britain & Europe, Morn.g, Aft.n, & Ev.g of each day. Dec.r 1861.







Explanation.

The arrows fly WITH the Wind:—
thus ⟶ is a West Wind.
The ↓↓ express selected groups of observations.
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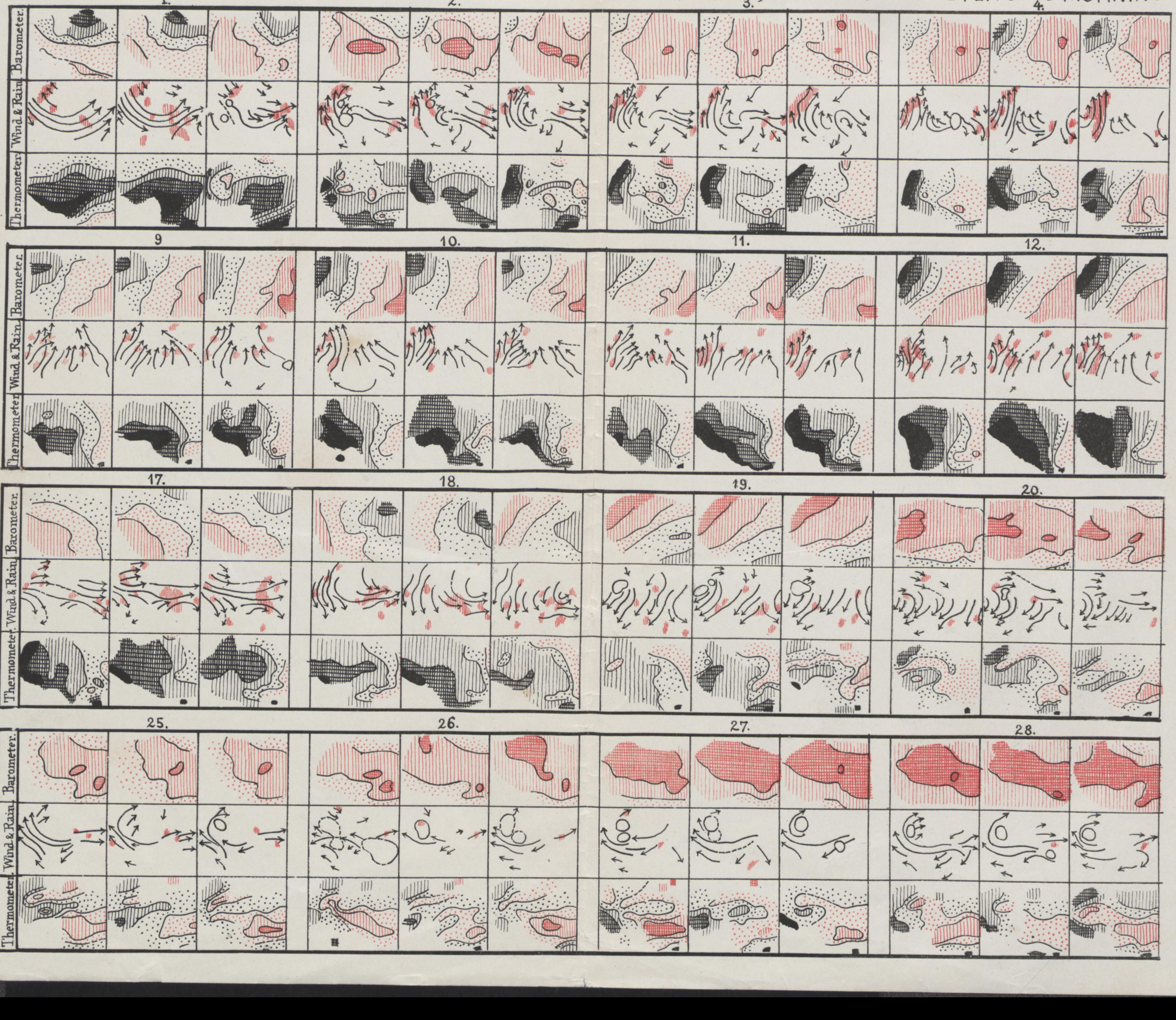
CHARTS OF THE THERMOMETER, WIND, RAIN AND BAROMETER ON THE MORNING



CHARTS OF THE THERMOMETER, WIND, RAIN AND BAROMETER ON THE MORNING

1. 2. 3. 4.

Barometer. Wind & Rain. Thermometer.

9 10. 11. 12.

Barometer. Wind & Rain. Thermometer.

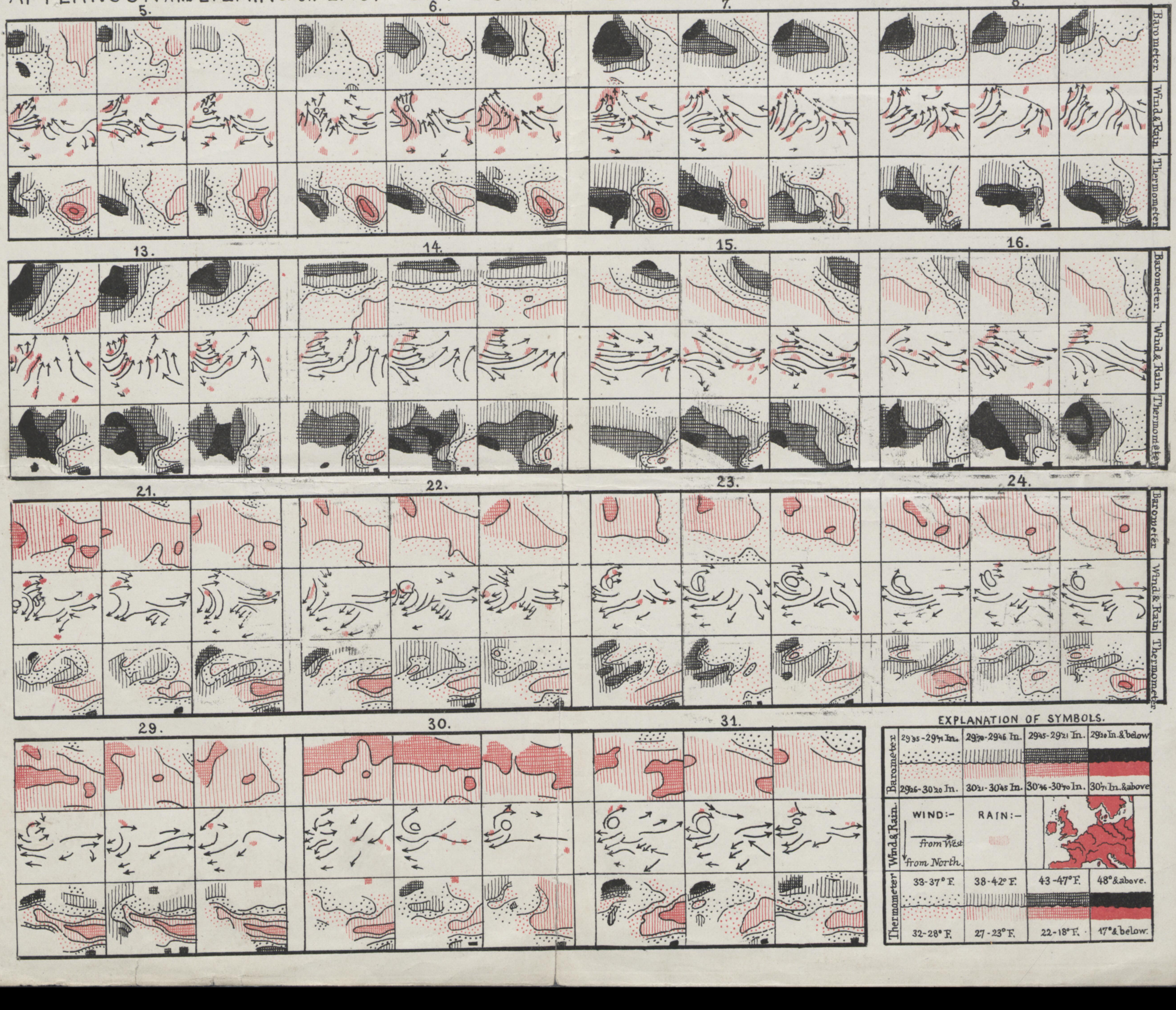
17. 18. 19. 20.

Barometer. Wind & Rain. Thermometer.

25. 26. 27. 28.

Barometer. Wind & Rain. Thermometer.

AFTERNOON AND EVENING ON EACH DAY DURING DECEMBER, 1861.



EXPLANATION OF SYMBOLS.

Barometer.	29·35 - 29·71 In.	29·70 - 29·46 In.	29·45 - 29·21 In.	29·20 In. & below.
	29·26 - 30·20 In.	30·21 - 30·45 In.	30·46 - 30·70 In.	30·71 In. & above.
Wind & Rain.	WIND:- from West / from North	RAIN:-		
Thermometer.	33 - 37° F.	38 - 42° F.	43 - 47° F.	48° & above.
	32 - 28° F.	27 - 23° F.	22 - 18° F.	17° & below.

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(Was: 1(b)
f.1)

$7\frac{3}{8} \times 6\frac{1}{8}$

(Pearson Galton)

$\frac{1}{2}$

$8\frac{1}{2}$

f. 3v (18)

6 4