U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

National Climatic Center
Federal Building
Asheville, N. C. 28801

STATE NEW HAMPSHIRE

30

STATION	RECORD	PERIOD
EPPING	METEOROLOGICAL JOURNAL OF WILLIAM PLUMMER	1796 - 1823

NOAA Form 82-358
(4-73)

Microfilm Target Sheet

Instrument Exposure p.99

WB Form 920-11B

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

Data, William Plumer Journal — Epping N.H. unless otherwise specified

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ff. 1-32 1796	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
97	✓	✓	✓	✓	✓	1-5							
98													
99													
1800													
ff. 2-105 01												Summary Weather	
02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
03	✓	✓	✓	✓	✓	✓	✓	✓	✓	25 ✓	✓	✓	
04	✓	✓	✓	✓	✓	✓	✓	1-5				✓	
05	✓	✓	1-15										
1806													
07													
ff. 109- 08						23-31 ✓	✓	✓	✓	✓	✓	✓	
09	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1811	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ff. 12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1816	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ff. 17	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1821	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Temp. obs. began

Appointed Observers

Summaries for this period

USCOMM-WB-DC

REMARKS

See subject INDEX in back of volume.

~~551.506.3 "1796"~~

William Plumer's

G. H. Plumer.

K. J. P. Pearson.

1248

13.4 in 1910 by A. L. Rotch

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HARVARD
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~~5.5t.5.6.63~~
"1796"

A Journal of the weather.
by William Pearmer.
When no place is mentioned it was wrote at
Epping.

Meteorological Journal
Vol. 1.
1796 to 1823

January 1796.

1, Not an inch of snow- wind N. W- thaws.

2, Fair, wind N.W. ground bare- thaw.

3, Moderate rain- wind S.W.- S- S.E.- foggy.

4, Froze none last night- fair- wind W. thaws in the shade- travelling bad.

5, Wind W.- fair, warm & pleasant.

6, Cloudy, warm- wind S.W. S.E. & moderate rain in the evening.

7, Last evening & this morning there fell 6 inches of snow. Cloudy most of the day- thawed- wind at times N.E.- E.- N.- N.W.

8, Forenoon fair, wind S.W.- W. pleasant- afternoon wind N.W. cloudy, squally- snow- cold.

9, Wind N.W.- W. S.W.- fair, pleasant- thawed.

10, Forenoon fair, wind W.- SW.- afternoon cloudy S.E.- E.- thawed.

11, Wind N.E. cloudy- cold-

12, Last night fell 4 inches of snow & considera=ble of rain. Wind S.W.- W.- warm & thawed. In the evening wind NW. & high- cold.

13, Wind W. fair pleasant, but cold.

14, Wind NW snow storm, fell 4 inches- In the evening it rained.

15, Wind SW- fair pleasant- thawed- foggy in the evening. Sleying good.

16, Wind SW- NE- cloudy- thawed, night foggy.

17, Wind S.E.- N.E. cloudy cold- Even fell 5 inches snow.

January 1796.

18th Wind S.W. cloudy most of the day- thawed.

19, Greenland, Wind NW- N. cloudy, cold.

20, Wind N.E.- N. & high- cold, fell 8 inches of snow.

21, Wind N.- NW- fell 1 inch of snow in the morning- middle of the day fair, thawed- afternoon wind high- snow flew much.

22, Morning wind N.NW. cloudy, severe cold- fell an inch of snow- day moderate- wind SW.

23, Wind NW- SW- cloudy- moderate.

24, Wind SW- fair, pleasant- thawed much.

25, Wind N.E. cloudy, very cold- fell an inch of snow. In the night two inches of snow & hail.

26, Forenoon wind SW. pleasant- afternoon wind NW. cloudy cold.

27, Wind SW. cloudy, cold.

28, Wind SW. cloudy, air sharp- fell half an inch of snow- the evening wind NW. fair but cold.

29, Wind W. thawed tho' cloudy- evening wind NW fair, cold.

30, Wind NW. fair but severe cold.

31, Wind NW. fair but very cold.

Febmary.

1, Wind S.W. cloudy- cold.

2, Portsmouth, wind NE.- E. cloudy- cold.

3, Portsmouth, wind NE.- E.- cloudy- fell 6 inches of snow.

4, Portsmouth, wind W. fair & pleasant.

5, Portsmouth, wind N.- W.- fair, morning very cold. Day moderate.

6, Portsmouth, wind SW. cloudy, moderate- snowed a little.

February 1796.

7th Wind, N.E. cloudy- moderate- thawed.
8. Wind, N.W fair & pleasant.
9, Wind, NW- W- fair- thawed.
10, Wind S.W, cloudy most of the day- afternoon & evening W-S.W- fell 3 inches of snow- rain in the night.
11, Wind S.- SW- forenoon rain- afternoon fair, thawed much- travelling bad.
12, Exeter, Wind S.W.- N.W- thawed much- travelling bad- evening cold- froze hard in the night.
13 Wind N.W. in the forenoon & cold- afternoon wind S.W. & moderate.
14, Wind S.E- S.W- cloudy- thawed- fell half an inch of snow.
15. Wind NW & high- night very cold.
16, Dover, wind N.W. fair- cold.
17, Dover, Ditto
18, Dover, Wind S.W. morning cold- thawed much.
19. Dover, wind S.W. fair thawed so that water ran in the streets.
20, Dover, Wind S.W fair & pleasant- thawed.
21, Wind S.W. cloudy- thawed.
22, Dover, Wind N.E- N.- cloudy- fell one inch of snow.
23, Dover, Wind NW & high- snow flew much- sleying good- cloudy- cold.
24. Dover, Wind W- S.W- cloudy & cold.
25, Wind S.W. cloudy- thawed much.
26, Wind SW- S- S.E. In the morning fell half an inch of snow- cloudy all day- foggy- rained some & thawed much.
27. Wind N.E- E- S.E. cloudy foggy & rainy- travelling bad.
28, Wind N.W & high, fair thawed much- ground begin to appear

February 1796.

29. Wind S.W. cloudy, rained- thawed much.

March.

1. Wind NE- N. NW. forenoon cloudy- after fair- thawed.
2, Wind N.E. cloudy- cold.
3, Exeter Wind N.E. fell 3 inches of snow- at night rain.
4, Wind N.W. fair- thawed.
5 Wind NW- W- S.W. fair, thawed much- sleying bad.
6. Wind S.W. pleasant- thaws- ground appears.
7. Wind SW- NW- forenoon thawed- afternoon froze- night very cold & disagreeable.
8. Wind NW fair, cold- travelling bad.
9, Wind NW fair. cold.
10. Wind NW in the forenoon, cloudy & cold- afternoon wind S.W fair & thawed.
11. Wind NW cloudy part of the day- thawed.
12. Wind S.W. Ditto.
13, Wind S.- SW fair clear- thawed much.
14. Wind N.E- E. fair, thawed much- travelling bad.
15, Wind NE.- early in the morning fell an inch of snow- rained little- afternoon fair- thawed much- new snow dissolved- roads muddy.
16. Wind N.E & high- fell much rain- cold. In the night fell 2 inches of snow.
17. Wind NW & high, the new snow all thrown in heaps- cold- froze hard, & travelling uncommon bad.
18. Wind N.W- S. cloudy- moderate- In the night fell 2 inches of snow.
19. Wind NW & high- snow flew much.
20 Wind NW. fair- thawed a little.

March 1796.

21. Wind N.W. S.W. S. cloudy half the day thawed considerable.
22. Wind S.W. cloudy but warm. Blue birds appear.
23. Forenoon wind S.W. fair & warm; afternoon wind N.E. foggy thawed much roads muddy. Robins, pewees & larks come.
24. Forenoon wind E. rained 4 hours afternoon wind N.W. colder. Blackbirds appear.
25. Exeter Wind N.W. fair, cold, thaws not so much a days as it freezes in the night.
26. Wind N.W. fair but thawed but little.
27. Wind S.W. S.E. fair & moderate.
28. Wind W. N.E. cloudy foggy thawed considerable.
29. Wind N.W. cloudy, cold, froze hard in the night striped squirrels appear.
30 Wind S.E. snowed all day fell 5 inches.
31. Wind S.W. W. cloudy most of the new snow dissolved.

April.

1 Wind N.W. fair & pleasant in the evening frogs croaked.
2. Wind N.E. cloudy cool Wild geese fly.
3. Wind S.E. S. fair, warm not a cloud to be seen for the day. In the evening northern lights appear.
4. Wind S.W. W. forenoon fair afternoon cloudy a little rain. Snow mostly gone people plowing. Evening wind N.W. high cold. Forenoon hard.
5 Wind N.W. fair, cold, thawed but little.
6. Wind N.W. & high cold for the season.
7. Wind N.W. fair & warm. Moon changed 19 M. after 7. P.M.
8 Wind S.W. sunned air smoky warm.
9 Wind N.E. cloudy, cold evening rain.
10 Wind N.E. rained & snowed more than half the day. In the night most of the snow dissolved froze.
11 Wind W. N.W. fair, pleasant, but cool.

April 1796.

12. Dover, wind W. N.W. forenoon fair afternoon cloudy even. rain. Spanows & butterflies appear.
13. Dover, wind W. S.W. fair, pleasant.
14 Dover, wind S.E. E. forenoon cloudy afternoon rain. Moon quartered.
15. Wind N.E. cloudy, cool. people sowing wheat, rye & flaxseed.
16. Wind S. S.E. forenoon cloudy, afternoon wind S. S.W. fair.
17. Wind S.W. E. fair & warm.
18. Wind S.W. fair & warm. in the evening northern lights.
19. Wind S.W. fair & very warm.
20. Wind S.W. air smoky, sunned, warm as June. Wood=wall (a bird) appears.
21. Wind E. N.E. fair & warm. Moon fulled 10 O'clock P.M.
22. Newmarkett, wind S.E. S. S.W. fair & warm. At sun set wind N. N.E. & high fair but cold.
23. Wind N. fair not a cloud to be seen for the day cool.
24. Wind till 10 O'clock A.M. S. S.W. fair & warm. after that wind E. afternoon cloudy, cold froze in the night.
25. Wind S.E. E. fair but cold fire in my office all day.
26. Portsmouth, wind S.E. fair, air cool. Martins appear.
27. Portsmouth, wind S.E. S. fair but cool.
28. Portsmouth, wind S.E. cloudy all day rained a considerable part of the forenoon.
29. Portsmouth, wind N.W. cloudy & cool.
30. Portsmouth, wind N. W. N. cloudy & cool most of the day great coat comfortable frost in the night. Moon quartered 3 O'clock P.M.

May.

1, Wind N. N.W. cold.

May 1796.

2. Portsmouth Wind N. N.W. fair. frost in the night.
3. Portsmouth, wind S E - N W. fair, pleasant, but cool.
4 Portsmouth, wind N - N W. S E - fair.
5, Portsmouth Wind S - S E - fair & cool.
6 Portsmouth, wind E - S E morning cloudy, residue fair, cool - evening foggy. People planting Corn.
7. Portsmouth. wind S E - E - cloudy, cool - night rainy. new moon 4 O'clock in the morning. Swallows arrive.
8. Wind N E. a very great fall of rain - cold.
9. Wind E - S E - W - cloudy - rain - cool.
10. Wind E - S E - N W - cloudy - rain. thunder cool frost in the night. Peach, cherry & plumb trees in blossom - gold finches appear.
11. wind S W. cloudy - a little rain - evening thunder & lightning.
12. Rochester Wind S W - S - cloudy - rain - hard thunder & sharp lightning. Bobolinks appear.
13. Rochester Wind S W - fair warm & pleasant. Moon quartered 7 h. 8 M. P.M.
14. Rochester & Epping wind S - S E - warm & cloudy. Brown thrushes, king birds, & bramble birds appear, apple trees in blossom.
15. wind E - S - S E - cloudy, warm & shewery.
16. day wind S W. fair & warm - evening wind N W cool & fair - Strawberries in blossom.
17. Wind [illegible] S W - E. fair. Hum birds & night hawks appear.
18. Wind N E cloudy, rainy all day.
19. Wind N E. forenoon cloudy - afternoon a great rain - cool.

20. Wind S W - W - N W. cloudy some of the day - shewers thunder - hail - even fair - cool - night frost.
21. Wind N - N W cloudy - little rain - cool - moon filled.
22, Newmarket, wind S W. cloudy part of the day - warm.
23 Wind S W & high - cloudy most of the day little rain in the evening.
24. Portsmouth, wind N - N W fair & cool.
25 Portsmouth wind E. N E. cool, fair most of the day.
26. Portsmouth, wind E. fair - cold - night rain.
27. Portsmouth, wind E. cloudy - moderate rain. Winter rye eared out.
28. Portsmouth, Morning wind E - S. E - rain, rest of the day wind W - S W - fair & pleasant.
29. Wind W. - S W - fair & cool - moon quartered in the afternoon. People began to weed their corn.
30, Wind S W - S - rain most of the day.
31 Wind S W - W fair most of the day - evening cool. Garden peas in full blossom.

June.

1, Exeter wind W - S W - fair - moderate - red elm blooms. General election in the State.
2. Wind N W. fair, pleasant, but cold for the season.
3, Wind N W fair - cool.
4, Wind N W hazy most of the day - afternoon wind S - S W - & warm.
5. Wind S - S W. fair & warm - In the evening northern lights appear. Moon changed.
6, Wind E - S E In the morning sunrise clear - forenoon foggy afternoon fair & pleasant.

7. Exeter, wind SE-W. morning foggy rest of the day fair but not warm.
8. Exeter, wind SW. cloudy part of the day - pleasant.
9. Exeter Wind SW. cloudy & foggy part of the day warm.
10. Wind SW. in the morning - a little rain, cloudy in the forenoon - very warm - thunder & lightning in the even=ing - in the night wind E. & considerable rain.
11. Wind NE, cool, cloudy - a great rain.
12. Wind E-NE-cloudy, cool - rained little - moon quartered.
13. Exeter, wind SW. fair & warm.
14. Exeter, wind E-SE-cloudy more than half of the day - showers - fair & warm the other part. Strawberrys ripe.
15. Wind E.-SE-S. showers in the morning - fair rest of the day - Evening wind E. & foggy.
16. wind E-SE-cloudy - little rain - night rainy.
17. Morning wind SE & cloudy - day wind SW. fair & warm.
18. Wind SW-W-cloudy till 8 AM. then fair & warm.
19. Wind SW. W. fair & warm.
20. wind E-N.W cloudy part of the day - fair & warm the residue - moon fulled.
21. Wind E-SW. fair & warm.
The price of rennet bags $2..50 each; the usual price 34 Cents.
22. Wind S.W. fair & warm till 2 O'Clock PM. - then conside=rable thunder lightning & rain - 2 miles west so much hail as to brake glass windows, but none here. The lightning struck in several places: Strawberries plenty; some people half hilling their corn.
23. Wind S. SW. cloudy a little rain.
24. Wind SW. fair & very warm.

25. Wind SW. brisk air, fair & warm - much lightning in the evening.
26 Wind SW-W. fair - Evening wind NW. cool.
27 wind NW. fair & cool.
28. Rochester, wind S.W. cloudy.
29. Rochester, wind NW fair & cool - people hilling corn.
30. Rochester, wind NW. fair.

July.

1. Rochester. Wind NW. & high, fair & cold. many people began haying - the prospect for hay great.
2. Rochester & Epping, wind SW. fair & warm. Green peas fit for the table.
3. Wind S.W. forenoon fair & warm - afternoon cloudy wind S.E. - showery.
4. Wind S.W. forenoon cloudy - showers, in one a heavy fall of rain; afternoon wind W. fair & warm. moon changes - sun eclipsed, but invisible. The pastures afford twice as much feed as usual - The dew at night very great.
5. Wind W-NW. fair & very warm - no dew.
6. Newmarket, wind NW. & brisk, fair & warm.
7. Portsmouth, wind SW-W-fair & warm.
8. Wind S.W.-W. forenoon fair & warm - afternoon cloudy - shower as much as a dew.
9. Wind NW fair & pleasant; evening cool for the season.
10. Newmarket, Wind NW & high, fair; evening cool, the wind lulled.
11. Wind E-SE-S-cloudy much rain. Moon quartered.
12. Wind SW. forenoon fair - afternoon cloudy - a great shower little thunder. The day & night warm.

13. Wind S.W. cloudy - dull hay weather.

14. Wind S.W. cloudy most of the day, warm, shower in Even.

15. Exeter, forenoon wind S.W. & cloudy, afternoon & evening wind E - S.E & an uncommon heavy rain attended with some thunder.

16. wind W. - S.W cloudy & warm.

17. Wind W - SW - thick heavy air - warm - in the evening lightned in the north.

18. Wind W - SW - thick hazy air - cloudy part of the day warm - rained some in the night. I began my haying.

19. Wind W - SW - morning, showers - distant thunder - warm - in the evening wind N.W - lightning - moon fulled.

20. Morning wind NW. fair - by 11 O Clock a.m. cloudy wind SW. - W. 6 O Clock P.M rain, & continued till late at night.

21. In the course of the day wind at all points of the compass - morning cloudy - the rest of the day fair.

22. Wind SE - E - fair, cool - fine hay weather - great crops of hay.

23. Wind. E - SE - forenoon cloudy - afternoon fair, pleasant, & cool. There has been great appearance of rain for a week.

24. Till 10 O Clock a.m. wind E - then NW - fair, except a shower as much as a dew - some thunder.

25. Till 11 O Clock a.m. wind SE. cloudy - then wind SW. fair & warm - afternoon an uncommon great fall of rain & little thunder - cleared off warm.

26. Wind S.E - S - SW - but little - cloudy, foggy - sun set clear.

27. Wind SE - S - SW - morning foggy - cloudy most of the day - little rain - distant thunder. Moon quartered.

28th Wind NW - W - fair - evening lightning - good hay weather.

29. Wind NW before sunrise a thunder shower - day wind W - SW fair & very warm.

30. Wind S - SW - till 1 O Clock P.M. cloudy - then the wind S.E - E - thunder & a vident rain, in 3 hours fell 5 inches of water upon a level; wind after that E - NE - rained till midnight. Corn & roads, much injured.

31 Wind NW fair & cool.

August.

1. Wind SW & brisk - cloudy more than half of the day - afternoon a shower, fell half an inch of water - cleared off cool & wind NW.

2. Plaston, wind NW fair, & fine weather, finished my haying. Roads much injured by the rain.

3. Exeter & Poplin, wind NW, fresh & cool. In the night a small white frost.

4 Epping & Newmarket, wind N - NW & brisk - cool.

5. Wind NW fair - morning & evening cool - fine nights for sleep, but bad for indian corn.

6. Wind W - SW - warmer than yesterday - fair - night cold.

7 Wind W - SW - fair & warm - afternoon appearances of rain, in the evening small northern lights, cool - much dew.

8. Wind W - SW - cloudy most of the day - warm.

9. Exeter, Wind W - SW - fair & warm - distant thunder with some lightning.

10. Exeter, Wind W - SW - fair & warm.

11. Exeter, Ditto

12. Exeter, Ditto

13. Exeter, Wind SW. warm afternoon cloudy - evening fair.

14. Epsom, Morning wind SW & warm - from 10 O Clock

August 1796.

wind N. W. & cooler- fair- small frost in the evening.

15, Gilmantown, wind W- NW- fair & cool.

16, Gilmantown, Wind W- NW- SW. fair, morning & evening cool.

17, Gilmantown, wind W- SW. fair- morng & evenig cool- frost in the night.

18, Gilmantown, Wind W- S.W fair & warm.

19, Gilmantown & Epsom, wind SW. fair & very warm.

20, Epsom, Deerfield, Nottingham & Epping, Ditto.

21. Wind SW. fair, very warm- ground very dry. day & night

22, Wind SW. fair & warm- evening foggy. The ash trees in the swamp covered white with caterpillars webs & leaves dead.

23, Kingston, wind S- SW- morng cloudy, rest of the day fair- warm- evening foggy- great dew.

24. wind SW. morng foggy, cloudy- day fair, warm- some lightning in the evening.

25, Candia, wind SW- W- morning foggy- fair & very warm- afternoon cloudy- considerable thunder & lightning- small shower- evening cool.

26, Candia. Wind, N- NW cloudy & cool in the forenoon- afternoon fair & warmer.

27, Exeter Wind S- SW cloudy most of the day- warm- dry- no dew.

28, Wind W- S.W- morning cloudy- rest of the day fair & warm- night exceeding warm- little dew.

29, Wind W- SW- most of the day- part of it NW- fair & warm- night too warm for sleep.

August 1796.

30, In the morning wind W- SW- fair & very warm- at 10 Oclock Am. wind N- NW & a brisk gale- fair & cool- a considerable frost in the evenig. Yesterday the thermometer stood at 90- this afternoon at 64, at night freezing. The ground is very dry- grass & Indian corn suffer for want of rain- water scarce, and grass hoppers plenty.

31, Wind W. NW- fair & cool.

September.

1, Portsmouth, wind W- SW. warmer than yesterday.

2, Wind SW- S- forenoon cloudy- evening fine shower.

3, Wind S. SW- cloudy, showers & warm.

4 Newmarkett, wind N. NE- S.E- forenoon cloudy, afternoon fair- evening a very little rain.

5, Wind N- NE fair & cool, but no frost.

6, wind E- NE fair & little frost at night.

7, Wind NE- E. SE- fair, morn. cool, day warm.

8, Wind E. SE- S- fair, dry & warm.

9, Wind E. NE- SE- cloudy most of the day- considerable rain- sun appeared before night- warm- moon quartered.

10, Wind W- NW. fair, warm & pleasant.

11, Wind NW fresh breeze till near sunset- fair- evening hazy & warm.

12, Wind S.W- SE- E- NE- cloudy- much rain.

13, Dover, Wind SW. fair & warm.

14 Dover Wind SW- fair & warm- evening shower of rain- thunder & lightning.

Septr 1796.

15, Dover, wind S.W. fair & very warm.

16, Dover wind W. fair & cooler - frost in the night - moon fulled in the evening.

17, Dover. Morning wind W. & fair - rest of the day cloudy wind S.W. - S - a great fall of rain, & some thunder & lightning.

18, Wind N.W & high - shower in the morning then fair & cool - winter clothes & fire comfortable.

19, wind N.W, brisk & cold.

20, Exeter, wind N.W. fair, warm & pleasant.

21, Exeter wind W. fair & pleasant.

22, Exeter, In the morning wind S.W cloudy - soon fair & warm - 3 o'clock P.M rain & thunder - evening fair wind N.W brisk & cold.

23, Exeter, wind N.W fair, pleasant & cool - frost at night.

24 Exeter, wind W. - S.W. - fair & warm.

25, wind W. fair & warm - potatoes tops green.

26, Exeter, wind W. N.W. - cool, fair, frost in the night.

27, Exeter, wind S.W. - W. fair & pleasant.

28, Exeter, wind S.W. rainy most of the day - warm.

29, Exeter, wind W. fair, warm & pleasant.

30, Exeter, wind N.W fair & cool - frost in the night.

October.

1, Wind W. - & N.W, hazy most of the day & cloudy.

2, Wind E. - N.E. - cloudy part of the day.

3, Wind N.E. & blew high - day cloudy - night great rain

To day I was violently & dangerously attacked with the Cholera Morbus - in the space of 12 hours I puked and purged alternately 50 times each.

4, Wind E. - cloudy part of the time - leaves fall from trees.

5, Wind W. - N.W. - cloudy.

6, Wind W. - N.W. - fair & pleasant.

7, Wind N.W & brisk cloudy - mild for the season.

8, Wind W. - N.W fair, pleasant - much frost in the night.

9, Ditto.

10, Wind E. - N.W. - clear, warm & pleasant. but frozen in the night in the orchard.

11, Wind W. - S.W. - fair & pleasant.

12, Wind W. - S.W. - E, fair, warm - foggy in the evening.

13, Wind W. - S.W, fair & warm - no frost.

14, Wind W. - S.W. - S.E. - warm - fair, cloudy in the night.

15, Wind E. - S.E. - cloudy - warm.

16, Wind E. - S.E. - S. cloudy - much rain in the night.

17, Epping, Raymond, Chester, Dennyfield, Goffstown, Bedford & Amherst, wind N. - N.W. - high, fair & cold, froze in the night half an inch.

18, Amherst, Wilton, Temple, Peterborough, Dublin, New Marlborough & Keene, wind N.W. - W. - S.W. fair & pleasant.

19, Keene, wind W. - S.W. - fair & pleasant.

20, Keene, Wind W. - S.W fair & warm.

21, Keene, Wind S.E. - S. cloudy all day - rainy in the afternoon - warm.

22, Keene, New Marlborough, Dublin, Peterborough, Temple, Wilton, & Amherst, wind W. - S.W. - cloudy - very little rain - warm

23, Amherst, Bedford, Goffstown, Dennyfield, Chester, Raymond & Epping, Wind S. - S.W. fair & warm - even. cloudy.

24, Wind E. - S.E. - cloudy warm - misty.

25, Epping & Newmarket, wind S.E, warm, cloudy - evening wind N.W fair & pleasant.

26, Wind S.W. - S.E. - warm, cloudy - night wind N.W. fair

October 1796.

27, wind NW- N- NE. fair but cooler.

28 Epping & Nottingham, wind W- NW- E- SE- fair cool, great white frost in the night.

29, Wind SW forenoon fair & warm- afternoon cloudy- warm & small rain, thunder & lightning.

30 Wind NW & brisk, cool- evening Aurora Borealis.

31 Wind SE- cloudy, chilly- little rain in evening.

November 1. Epping & Exeter, wind NW & brisk, cold, cloudy part of the day- evening frost.

2. Exeter, wind NW. fair & cool.

3 Exeter, wind NW. fair & pleasant.

4. Exeter, ditto.

5. Exeter & Epping, wind NW cloudy part of the day.

6. Wind S.W. cloudy, rainy- in the night wind NW. cool- fell half an inch of snow.

7. Epping, Nottingham, Deerfield, Pittsfield, Gilmanton, wind NW. brisk- cold- found one inch of snow at Gilmanton.

8. Gilmantown, Meredith, New Hampton, Holderness, & Plymouth, wind E- NE- cloudy, thawed a little in the middle of the day- 2 inches of snow at Holderness.

9. Plymouth wind E- SE- cloudy, thawed some.

10. Plymouth, wind E- SE- S. cloudy- moderate.

11. Plymouth, wind W. fair, warm- frost gone.

12. Plymouth, wind NW fair & pleasant.

13. Plymouth, Holderness, New Hampton, Gilmantown, wind SE. cloudy most of the day- thawed.

14. Gilmantown wind SE. fair, warm, pleasant- air for May.

15 Gilmantown, wind E- NE- cloudy, rain- warm.

16, Gilmantown, Landen, Chichester & Epsom, wind NW & high- froze all the day.

17, Epsom, Deerfield, Nottingham & Epping, wind E- NE- SE- cold, thawed little- afternoon cloudy- in even. fell 2 inches of snow.

18, Wind SW. cloudy, warm, snow dissolved- frost out of the ground- people plowing.

19. Wind SW. morning foggy- day pleasant- warm.

20, Wind SW- S- SE- morning fair & pleasant- rest of the day cloudy- afternoon & even. rainy- warm for the season.

21. Wind SE- E- a dark cloud & thick fogg covered the horizon- misty & warm.

22 Wind SE- E- a dark cloudy covered the horizon- day misty- evening rain with lightning from S.E. at midnight wind NW & high- cold freezing.

23. Wind NW & high, freezing cold.

24 Wind S.S.E. cloudy most of the day- fell a few flakes of snow- people plowing grass land.

25 Wind NE- E. storm fell 5 inches of snow- cold.

26 Wind NW. cold- thawed none- evening severe cold.

27 Wind NW. fair cold thawed none.

28, Epping, Nottingham, Deerfield, Allenstown Pembroke & Concord, wind NW- fair cold- thawed none.

29. Concord wind NW- fair & cool- not half the snow here as at Epping.

30, Concord, wind NW. fair & cool.

31. Concord wind NW. & high- cloudy part of the day- cool.

December 1. Concord, wind NW & high, cloudy part of the day- severe cold.

2, Concord, Pembroke, Allenstown, Deerfield, Nottingham &

Epping, wind NW. high, fair but cold.
3, Wind W. NW. fair & cool.
4, Wind W. SW. fair & cold.
5, Wind W. SW. morning cloudy & threaten'd - afternoon wind NW clear & cold.
6, Wind N. NE. cloudy, cold, at night wind high & snow.
7, Wind N. NE. NW. cloudy all day - last night & today fell 5 inches of snow - much drifted.
8, Wind NW & high - fair, cold - snow very much in heaps.
9, Epping & Exeter, wind NW. W. fair & cold - travelling bad & seized with the cholic.
10, Wind W. NW. cloudy most of the day - great complaints for want of water - many wells dry & mills motionless.
11, Wind W. NW. calm, cloudy, moderate weather.
12, Wind W. N.W. fair calm & cold.
13, Epping, Nottingham, Deerfield, Allenstown, Pembroke & Concord, wind SW. W. NW. forenoon fair, cold - afternoon cloudy & fell half an inch of snow.
14, Concord, Wind W. NW. fair & cold.
15, Concord, wind W. NW. fair & pleasant.
16, Concord, wind N. NE. fell 3 inches of snow.
17, Concord, wind N. NE. cloudy, fell 4 inches of snow.
18, Wind N. NE. cold & snowy all day.
19, Wind N. NE. cold & snowy all day - yesterday & to day fell 10 inches of snow.
20, Wind NW & high, snow flew much, roads almost impassable - cold.
21, Wind NW. fair & cold.
22, Wind NW. cloudy more than half of the day - fell two

two inches of snow - night cold & wind high.
23, Wind NW. fair & very cold.
24, Wind W. NW, fair & very cold - in the evening uncommon cold - fell half an inch of snow.
25, Wind W. NW. cold - cloudy part of the day.
26, Wind W. NW. cloudy - fell 1 1/2 inch of snow.
27, Epping & Newmarket, wind N. NW. fair & cold.
28, Newmarket, Exeter & Epping ditto.
29, Wind NW & very high, snow flew much, cold, & cloudy in one main half the day.
30, Forenoon wind NW. & severe cold - afternoon wind W. SW. weather moderate - fell 5 inches of snow.
31, Wind W. SW. fair & moderate.

1797 January.

1 Wind N. W. fair & cold - evening fell 2 inches snow.
2, Epping & Exeter, wind N. W high, snow flew and very cold.
3, Epping, Newmarket, Strattham, Greenland and Portsmouth, wind NW. W. SW. hazy, very cold.
4, Portsmouth, wind W. NW. hazy part of the days, rest fair - cold.
5, Portsmouth, wind NW. fair & cold.
6, Portsmouth, wind N. NW. fair & very cold.
7, Portsmouth, Greenland, Strattham, Newmarket & Epping, wind NW. fair & severe cold - snow flew.
wind NE.

7. Portsmouth, Greenland, Stratham, Newmarket & Epping. wind NW. snow blew, fair, severe cold.

8. Wind NW. fair but very cold.

9. Wind NW. W. SW. fair not so cold as yesterday.

10. Ditto.

11. Epping & Exeter, wind NW. W. E. N. SE. cloudy, moderate; evening fell 4 inches of snow.

12. Wind NW. fair & cool, tho' morn. very pleasant.

13. Epping & Exeter, Wind NW, fair, pleasant but cold.

14. Wind W. SW. S. moderate, forenoon hazy. afternoon cloudy. fell 3 inches of moist snow.

15. Wind W. SW. fair, moderate & pleasant. snow water ran off the houses, which it has not done for 7 weeks past. evening cloudy.

16. Wind W. SW. in the morning fell 2 inches of snow. day fair & moderate.

17. Epping, Lee, Durham, Dover & Rochester, wind NW. fair but cold.

18. Rochester Wind W. NW. cold & cloudy, fell an inch of snow.

19. Rochester Wind NW. fair but cold.

20. Rochester Wind NW, fair & severe cold.

21. Rochester, Dover, Durham, Lee & Epping. Wind N. NE. cold, cloudy, fell one inch of snow.

22. Wind N. NE. cold, cloudy. fell 2 inches of snow.

23. Wind W. SW. fair & pleasant. snow thawed so that water dropped from the eaves.

22. Wind NW. cloudy more than half of the day. fell two.

24. Ditto. evening cloudy wind NW. & high fell an eight of an inch of snow. very cold.

25. Wind NW. not a cloud, but severe cold.

26. Epping & Exeter, forenoon wind W. cloudy and cold. afternoon wind SW. S. thawed much. froze but little in the night.

27. Wind SW. fair, thawed much. paths began to slump. in the night rained 4 or 5 hours. this is the first rain we have had for 2 months.

28. Wind SW. fair, thawed much, roads nearly impassable for horses & teams. froze none in the night.

29. Wind E. cloudy most of the day. thawed. evening wind NE, some rain, but before morning wind NW high, cold & froze.

30. Wind NW & high, cold. travelling rough.

31. Wind NW. SW. forenoon fair, afternoon cloudy, fell 2 inches of snow. moderate.

February.

1. Epping & Newmarket Wind E. NE. cloudy most of the day. evening fell half an inch of snow. in the night rain.

2. Newmarket & Epping. Wind N. NW. morning rain. day fair, thawed much. evening wind high, froze hard.

3. Wind W. NW. fair, thawed much, ground appears.

4. Wind W. NW, fair & thawed much.

5. Wind W. SW. fair & cloudy alternately, thawed. wind NE.

February 1797.

6. Wind SW- cloudy all day- morning rain- thawed considerable allday- travelling bad.

7. Epping, Newmarket, Strattham, Greenland & Portsmouth, wind NW- high & cold.

8, Portsmouth, Wind NW fair & thawed some.

9. Portsmouth, Wind NW fair & thawed considerable.

10, Portsmouth, Wind E- NE & cloudy- some rain, in the night much rain.

11. Portsmouth, Greenland, Strattham & Newmarket, wind NE & cloudy & much rain- travelling bad.

12, Newmarket, Strattham, Greenland & Portsmouth, Wind E- NE- froze last night- cloudy most of the day.

13, Portsmouth, Wind E- NE- rained some- fell 6 inches of snow.

14. Portsmouth, wind W- NW fair & pleasant.

15, Portsmouth, Wind W- NW fair & cold.

16. Portsmouth Wind W- NW fair part of the day- cloudy the rest- fell an inch of snow.

17. Portsmouth, wind W- SW- fair cool & pleasant.

18. Portsmouth wind W- SW, fair pleasant thawed much.

19, Portsmouth, Greenland, Strattham Newmarket, Epping, wind SW pleasant thawed much.

20. Wind SW- fair & cloudy alternately- thawed much & sleying gone- travelling bad- In the night wind NW & high- froze hard.

21 Epping, Exeter, Strattham & Newmarket, wind W fair thawed but little.

Wind NW- cloudy more than half of the day- fell

22 Wind N- NE- cloudy all day- fell 3 inches snow.

23, Wind W- SW- fair, thawed much- Hen hawks & pewees appear.

24 Forenoon wind W- SW thawed much- afternoon wind NW & high- night cold- froze hard.

25, Wind SW- SE- NE- cloudy most of the day- fell 2 inches of snow- most of it dispelled.

26, Wind NW- high- very cold- fair.

27. Wind NE- N- cloudy most of the day- cold- fell 2½ inches of snow.

28, Epping, Lee, Madbury & Dover, wind W- SW- NW- fell half an inch of snow- fair but cold.

March.

1. Dover, wind NW fair & cold.

2. Dover, wind W- SW- fair, moderate, thawed.

3 Dover, wind NW- W- fair & moderate.

4, Dover, Madbury, Lee & Epping, wind SW- rained some- moderate.

5, Wind W- NW- & high- forenoon warm, afternoon cold- evening wind high & very cold.

6, Epping, Lee, Madbury & Dover, wind NW high & very cold.

7. Dover wind NW, high & very cold.

8, Dover, Wind NW- N- fell 1 inch of snow- rain- thawed.

9. Dover, Wind NW fair & cold.

10, Dover, Ditto.

11. Dover, Madbury Lee & Epping, wind W- NW- cloudy, cold.

wind NE.

March 1797.

12. Wind W. SW. fair & thawed.

13. Epping, Lee, Madbury & Dover, wind SW. fair & warm for the season. Robbins & blackbirds appear.

14. Dover, wind SW. cloudy rain.

15. Dover, wind W. NW & high fair, moderate, evening cloudy.

16. Dover, wind W. SW. forenoon cold, afternoon moderate & cloudy evening rain.

17. Dover. Wind SW. cloudy, rain, warm. travelling uncommon bad.

18. Dover, Wind SW. very warm for the season. fair. afternoon small shower attended with some thunder. in the night froze some.

19. Dover, wind NW. W & high, moderate. little snow to be seen. froze some in the night.

20. Dover, Madbury, Lee & Epping wind NW high, air moderate. people setting bord fence, & some ploughing.

21. Wind SW, fair, moderate. wild geese & ducks appear.

22. Wind E. cloudy all day. afternoon rain, evening fell 3 inches of snow.

23. Wind NW. fair. most of the snow dissolved.

24. Epping, Brintwood & Exeter, wind E. SE. SW. cloudy most of the day. evening rain. frogs begin to croak.

25. Wind NW. forenoon fair & pleasant, afternoon cold. & froze hard.

26. Wind W. forenoon fair, afternoon hazy. moderate.

27. Wind SE. cloudy & misti rain.

28. Epping & Nottingham, wind NW & high, cold. in

29. Wind NW. cloudy more than half of the day. fell two.

the forenoon cloudy. fell 1 inch of snow. soon dissolved. afternoon fair & cold. night froze hard.

29. Epping, Newmarket & Durham, wind NW. E. fair & pleasant.

30. Newmarket & Epping. Wind W. SW. & forenoon fair, afternoon cloudy. moderate. travelling begins to be good. road settled.

31. Wind E. SE. SW. cloudy. a little rain.

April.

1. Wind NW. cool. fair & cloudy alternately.

2. Wind SW. SE. fair most of the day, evening cloudy. rain.

3. Wind SW. W. fair & warm. people sowing grain. butterflies appear.

4. Epping, Lee, Madbury, Dover & Durham Wind E. SE. S. fair & cloudy alternately.

5. Durham, Lee & Epping, fair, very warm for the season.

6. Wind E. SE. cloudy all day. thunder at a distance in the morning. as much rain as a dew.

7. Wind E. NE. SE. cloudy. 2 hours in the morning fell snow & rain alternately. in the night fell three inches of snow.

8. Wind E. NE cloudy. some rain. snow gone. in the evening fell 3 inches of snow & hail.

9. Wind W. NW. fair & pleasant. half the snow dissolved. night cold. froze considerable.

Wind N E.

10. Wind NW- cloudy & fair alternately- cold for the season- in the night froze hard.

11. Epping, Newmarket, Stratham, Greenland & Portsmouth, wind NW- cold- evening squally- little snow & rain- froze hard.

12. Newmarket & Epping, wind NW & high- cold- froze all the day in the shade.

13. Wind NE. cloudy- cold- snow- evening like a winter's snow storm.

14. Wind in the morning E- snowy- yesterday & to day fell as much as 8 inches of snow on a level- some drifts 3 feet deep- some people sleding & sleying- residue of the day wind NW- thawed considerable- froze hard in the night.

15. Wind NW- thawed much- travelling uncommon bad.

16. Wind E-SE- hazy, thawed but little.

17. Wind E-SE-S- fair & warm- froze in the night.

18. Wind E-SE cloudy & cold- night wind E, NE & high.

19. Wind NE began to snow very early in the morning & continued till 3 O'clock PM- fell 7 inches the most of it dissolved- after that time wind NE & cold snowed & rained alternately

20. Morning wind N-NE, cold, cloudy- fine rain most of the day- most of the snow dissolved.

21. Epping Brintwood & Exeter wind W-NW- fair & pleasant- froze some in the night.

22. Wind NW- fair & cool but pleasant, roads muddy.

23. Wind E-SE cloudy, cool.

Wind NW- cloudy more than half of the day- fell two

24. Wind E- cloudy- evening a little rain.

25. Wind E-NE cold- rain half the day- frost at night.

26. Wind NW- fair & cold- wind high- northern lights in the evening & frost.

27. Epping & Newmarket, wind NW-SW- morning cold- day moderate & pleasant.

28. Newmarket & Epping, wind S-SW

29. Wind SW- forenoon fair & very warm- afternoon cloudy, cool- night much rain.

30. Wind E-SE, cloudy, cool- night rain, thunder & lightning.

May.

1. Wind W-NW fair, cool- night wind E-NE, cloudy & rain.

2 Epping, Raymond & Candia, wind E-NE-N- high cloudy- rained most of the day- snowed a little- cold for the season- rode with winter clothes & mittens- travelling bad- froze in the night.

3. Epping, Brintwood & Exeter. Wind NW-E-SE- cold- forenoon fair, afternoon cloudy- cold enough to ride with great coat.

4. Wind W-NW- fair but cool- people planting.

5. Wind E-SE-SW- cloudy most of the day- evening some rain.

6. Morning wind E-NE till 10 O'clock AM moderate rain, rest of the day wind NW. fair but cool- evening cloudy & foggy- some rain.

7. Forenoon wind S. SW- cloudy some rain, thunder- wind NE.

& lightning- air warm; at noon hail- afternoon wind NW & high- cold for the season- winter clothes necessary- Gold finches & night hawks appear.

8. Wind NW & high, fair but very cold- in the night froze water eight of an inch thick.

9. Wind NW high- fair cold- froze in the night.

10, Wind SW- morning cloudy- after fair & warm.

11. Wind SW fair & very warm- wore summer clothes.

12, Wind E- SE- S- SW forenoon fair & warm- after noon rain- evening foggy- white plumb trees in blosom- martins & bobolinques appear.

13, Forenoon wind SW- afternoon NW- fair, cool frost in the night- cherry trees & strawberry's in blosom.

14. Forenoon wind NW fair & cool; afternoon wind SW- S- SE- hazy- frost at night; apple trees in blosom.

15, Forenoon wind NW- W- afternoon S- SE- fair & pleasant- evening cold- night a frost; humbirds appear.

16, Forenoon wind W- fair & pleasant- afternoon wind SW- S- SE- NE, cloudy- evening rain.

17, Wind NW- fair but cool.

18, Wind E- NE, cloudy, cold- rain- evening small frost.

19, Epping, Newmarket, Strattam Greenland & Portsmouth, wind NW. fair cold, rode with a great coat on- frost in the night.

20, Portsmouth to Epping wind E- SE- cloudy, some rain.

21, Wind E- SE- cloudy- night rain.

22, Morning wind E- SE- little rain- afternoon wind W, wind NW. cloudy more than half of the day- felt

W NW- fair, pleasant but cool- evening northern lights; in the NW. at 9 oblock PM. there was a meteor shot thro' the air, after which for near 5 minutes there appeared a stream of fire much in the form of a serpent of about 3 yard in length, alternately extending & contracting itself till it disappeared.

23. Wind E- SE- cloudy & so cold as to render a fire necessary all day in my office.

24, Epping, Nuntwood & Exeter, wind SE- & NE- cold, cloudy & rain.

25 Wind E- SE- cloudy & rain till 5 oblock PM. then fair & pleasant- night foggy.

26 Epping & Nottingham, wind NW & high fair & cool- afternoon cloudy- evening wind E.

27, Wind E- SE, cloudy- cold, little rain- night much rain.

28, Till 10 oblock AM wind E- SE- S. rainy- after that wind NW- fair & cold- frost in the night.

29, Wind NW & high- cold, fair most of the day- a small shower- fire necessary- frost at night.

30, Wind W- NW- fair but cool.

31, Epping Newmarket, Strattam, Greenland & Portsmouth, wind N. NW- cloudy & cold.

June.

1, Newmarket, Exeter & Epping wind NW- fair but cold. People obliged to plant their corn a second time,

June 1797

it having at the first time rotted.- winter rye eared.

2, Wind W- SW fair & pleasant- evening wind E. foggy.

3, Epping & Nottingham, Wind W- SW- fair and cloudy alternately- evening wind E- foggy, cold.

4, Wind S- SW- warm & pleasant- fair & cloudy alternately- changed my winter for summer clothes.

5, Forenoon wind SE- SW- cloudy, rainy- after=noon wind NW- fair & pleasant..

December 1801

In this month no snow- not enough for a sleigh to run.

1802 January.

1, Wind W- SW- thaws.

2, Wind SW, cloudy, thaws- froze in the night.

3, Wind SE- cloudy, rain, road muddy- froze none in the night.

4, Wind SE- S- SW- a great fall of rain- roads muddy- frost nearly all out of the ground.

5, Portsmouth, wind NW high, froze hard.

6, Portsmouth, Wind NW- thawed.

7, Portsmouth, wind SW- thawed- froze in the night.

8, Portsmouth, wind SW thawed- road muddy- froze none in the night.

9, Portsmouth wind S- SE, forenoon cloudy, afternoon & night much rain- froze none.

10, Wind NW- cloudy more than half of the day- fell

10, Portsmouth Wind W- NW cold- in the night wind high & severe cold- fell a quarter inch of snow.

11, Portsmouth, wind NW- & very cold- froze hard & travelling bad.

12, Portsmouth wind NW & very cold.

13, Portsmouth, Wind NW- W- cold- evening wind SW- air moderate.

14, Wind SW- cloudy- thawed considerable.

15, Wind S- SE cloudy most of the day, thawed roads, muddy- evening fair, small fogg- froze little.

16, Wind SW- W- forenoon high- cloudy- some rain- afternoon clear & cold.

17, Wind NW, fair & cold.

18, Wind W- SW- & cloudy most of the day- thawed evening fair & pleasant- moon fulled.

19, Exeter, wind E- SE- W. fell 1 inch of snow- dissolved- afternoon & evening fair & pleasant.

20, Wind NW cold- evening fair & pleasant.

21, Wind NE- SE- cloudy, fell 5 inches of snow- even. wind SE & much rain, about 3 fifths of the snow dissolved.

22, Wind NW & high, clear & cold- even. wind NE.

23, Wind NE cloudy, sharp air, thawed none- fell half an inch of snow- evening fair.

24, Wind NW- fair & cold.

25, Wind NW- W- fair & pleasant- thawed little.

26, Nottingham- Wind NW- W- cool- moon quartered.

27, Wind W- SW- cloudy part of the day, some rain- thawed all night- most of the snow dissolved.

Wind NE.

Jany 1802

28. Wind SW. fair & very warm for the season - thawed all night - road muddy.

29. Epping, Wintwood & Exeter, wind SW. W. cloudy most of the day - some rain. road very muddy - people hauling rocks, making wall, & repairing road by hauling gravel & sand - froze considerable in the night.

30. Wind W. NW fair, thawed - froze in the night.

31. Wind NE - SE - morning sharp, day pleasant & thawed.

February

1. Wind E. NE - SW cloudy but not cold - in the evening fell 3 inches of snow.

2. Epping, Newmarket, Stratham Greenland & Portsmouth, wind W. NW fair, thawed some.

3. Portsmouth. In the morning fell 4 inches of snow - afternoon fair, wind W. NW.

4. Portsmouth, wind W. fair, cool, thawed but little.

5. Portsmouth, wind NW. & high, cold thawed none.

6. Portsmouth, Greenland, Stratham, Exeter, Wintwood, Epping, wind NW, fair, cold - evening wind SW.

7. Wind SW fell 2 inches of snow in the morning - thawed considerable in the afternoon & evening.

8. Epping, Newmarket, Stratham, Greenland and Portsmouth, forenoon wind SW. W. cloudy, thawed much, sleying bad - afternoon wind NW fair, cold.

9. Portsmouth, wind W. SW. hazy, evening fell two inches of snow.

22. Wind NE W. cloudy more ... two

February 1802.

10. Portsmouth, wind W. NW fair, cold - thawed a little.

11. Portsmouth, wind W. NW fair, pleasant, thawed moon quartered.

12. Portsmouth, wind NW. W. hazy, cold - evening fell a quarter of an inch of snow.

13. Portsmouth, Greenland, Stratham, Newmarket, & Epping, wind NE. SE. SW, cloudy, hazy, foggy - moderate rain, thawed much - sleying gone.

14. Epping & Newmarket, wind SW. fair, thawed much - most of the snow dispelled - froze little in the night.

15. Newmarket, Stratham, Greenland & Portsmouth, wind SW. W. warm, road muddy.

16. Portsmouth, Wind NW, fair, pleasant & warm for the season - road very muddy.

17. Portsmouth, Wind SE. cloudy, rain - road uncommonly muddy - moon fulled at evening, & wind NW, fair & cold.

18. Portsmouth, wind NW, fair & cool, but thawed some.

19. Portsmouth, wind NW. fair & cold.

20. Portsmouth, to Epping, wind NW. W. SW. fair, thawed but little - no snow in the road, but hard & smooth.

21. Wind NW, fair, thawed considerable.

22. Wind NE & high - fell 16 inches of snow, much drifted.

23. Wind NW & high, snow blew much, road

Wind NE.

February 1802.

almost impassable, banks of snow, in some places, from 5 to 8 feet deep- cold.

24. Epping, Pintwood Sheets, wind W. fair & cool- roads impassable- obliged to ride & walk through fields & pastures- near half the ground bare.

25, Wind NE- E- SE. snowed all day & night- much so saw fell- moon quartered.

26. Wind E. SE- NE & high snowed all day, snow much drifted- the roads absolutely impassable thawed some.

27. Wind E- NE snowed some, rained a little- There is now four feet & a half of snow on the ground- some banks 12 feet deep- no travelling but with snow shoes- cold, cloudy- the sun has not been seen but one day this week.

28. Wind NE- N- cloudy, cold, snowed all day, fences all buried beneath the snow- no travelling.

March.

1. Wind E, cloudy, cold, thawed none- sun did not shine- snowed in the evening. Fourteen men & 20 oxen all the day broke through the snow only 1 1/4 Mile & made but a bad path.

2, Wind E- cloudy, moderate rain most of the day, snow dissolved very fast- thawed all night.

3, Wind SW- cloudy & hazy most of the day, thawed much- the snow has settled more than a foot- the tops

Wind NW. cloudy more than half of the day- froze

tops of fences appear- travelling very bad- thawed all night.

4. Wind SW- W- NW. thawed considerable- path broken up- froze hard in the night.

5. Wind W- NW. thawed considerable- froze some in the night- fell 2 inches of snow.

6. Wind SW, cloudy all day, rained some, thawed much- travelling suspended.

7, Wind NW & high, fair, thawed but little.

8, Wind W- fair & cold.

9, Epping & Newmarket, wind SE- NE, cloudy- thawed considerable- snowed in the evening.

10. Wind NE. cloudy most of the day, fell 3 inches of snow- thawed considerable- evening fair, wind W.

11. Wind W- NW. fair, pleasant, thawed- moon quartered in the morning.

12, Wind N. NE, fair, thawed much- evening cloudy froze some.

13 Morning wind SW, cloudy, fell 3 inches of snow, warm, thawed much- late in afternoon wind NW & high, hail, very cold, froze hard in the night.

14, Wind NW & high, fair, very cold- even. moderate.

15, Wind W- SW- fair, thawed- froze at night.

16, Wind SE- hazy, fair, very warm for the season- thawed much- froze none in the night- In the morning there was a bright sun-dog south of the Sun.

Wind NE.

March 1802.

17. Wind S.W. & W, very warm, thawed much, travelling very bad- froze none in the night.

18. Wind S.W. Ditto.

19. Wind S.W. & W, Ditto. Moon full at 6 O'Clock am. & eclipsed at the same time.

20 Wind N.E. & N. cloudy all the day, rained moderately till 4 O'Clock P.M, then snowed, but dissolved near as fast as it fell.

21. Wind E. & N. fell about 2 inches of snow- fair most of the day- thawed- most of the new snow dissolved- ground bare in many places- evening froze a quarter of an inch- northern lights.

22. Wind N.W. & W. S.W. fair, thawed but little- froze at night.

23. Wind S.W. fair, warm, thawed much, travelling bad.

24. Wind S.W. cloudy, thawed- afternoon moderate rain- a dark, foggy, misty rain.

25. Wind N.W & high, fair, cold, thawed little- froze hard in the night.

26. Epping, Wintewood & Theter, wind N. N.E. S.W. fair, thawed but little. There is now a foot of snow on the ground, if it laid level- froze hard in the night- moon quartered then.

27. Wind N.E hazy & cold.

28 Wind N.W & high, cold, hailed- froze- night very cold indeed.

29. Wind in the forenoon N.W. fair- afternoon Wind N.W. cloudy more than half of the day- fell

wind S.W. hazy- cold all day- in the night fell half an inch of snow.

30, Epping, Lee & Dunham, Wind N.E, cold, cloudy all day- afternoon thawed some.

31, Wind N.E. cloudy, cold but moderate rain.

April.

1. Wind S.W. morning rain- day fair- thawed much - distant thunder & lightning in the evening- froze none in the night.

2, forenoon wind N.W fair- afternoon wind E. cloudy- warm, thawed much- snow in some banks 2 feet deep- travelling bad- froze none in the night- moon changed in the morning.

3. Wind W.N.W. fair, warm thawed much- froze in the night.

4. Wind N.W & high- cold, thawed but little- froze hard in the night.

5, Wind N.W & high, fair but cold- froze considerable in the night.

6. Wind N.W fair & pleasant.

7. Epping & Newmarket, forenoon wind S.W very warm, afternoon a small but violent shower with some thunder- lightning in the evening- wind N.W cool, but froze none.

8 Newmarket & Epping, wind N.W. fair, pleasant but cooler than yesterday- snow mostly gone- some people building wall.

9. Wind S.W. fair- hazy, wind chilly- afternoon cloudy moon quartered in the evening- people began to plow & sow.

Wind N.E.

10. forenoon wind NE, cloudy, rain & snow. cold-after=
=noon wind NW fair & cold-froze same in the night.
11. Wind NW & very high, fair but cold-froze ice
an inch thick in the night.
12. Epping, Brintwood & Exeter, Wind NW & high,
fair but cold-froze in the night
13. Wind SW-warm, hazy & cloudy.
14. Wind NW fair but cool.
15. Wind NW & high fair & cold.
16. Wind NW & high, cool, froze considerable in the
night.
17. Wind SW hazy, air chilly-rained little in the
evening-moon fulled then-in the night fell 2 inches of
snow.
18. Wind SW cloudy in the forenoon, snow dissolved-
afternoon wind NW fair & cool-froze same in the night.
19. Wind NW fair & cool-froze in the night.
20. Wind SW. fair, air cool & chilly.
21. Epping to Portsmouth, wind SW fair & warm
-saw some drifts of snow in Strathan 8 inches
deep.
22. Portsmouth, wind N-NW-cool.
23. Portsmouth, wind W-fair & pleasant.
24. Portsmouth to Epping, Wind SE-S-SW fair
& warm.
25. Wind S-SE cloudy, chilly.
26. Wind SW-hazy part of the day-warm.
27. Wind NW & high, fair, cool-froze in the night.
28. Wind NW & high, fair but cold.
29. Wind NW. cloudy more than half of the day-fell
two

29. Epping & Nottingham, wind NW-SW-fair
& warm.
30. Wind SW-SE-NE-cloudy part of the day-
warm part & cold part of the day-as much rain
as a dew-froze the ground in the night.

May.

1. Wind NW & high, fair, cold-froze water into a
quarter of an inch thick-moon changed in evening.
2. Wind NW, fair, smoky, cold-were my guestants,
to meeting.
3. Wind NW-SW-fair, warm, smoky, ground dry-
small rain in the evening.
4. Epping & Newmarket, wind W-NW, fair & warm
-evening wind E-cool.
5. Wind NW-N-E, fair, smoky-sun red-cool.
6. Wind N-NE-very cool-some people planting corn.
7. Wind N-NE & high, cool, but warmer than
yesterday-saw a peach tree in blossom.
8. Wind E-NE-NW-fair but cool.
9. Wind E-NE-N-cool-moon quartered in afternoon.
10. Wind E-NE-N-a still warm day.
11. Wind E-SE, small shower in the morning-fair
& pleasant rest of the day-a great dew in the night.
12. Forenoon wind SE-E-afternoon NE, cold & much
rain.
13. Wind NE moderate but cold rain most of the day.
14. Wind E-SE-S-SW-cloudy, rained a little, night
wind NE.

15, Wind from N to S&, cloudy, cold- moderate rain most of the day. Cherry trees in blossom.

16, Wind N&- afternoon strong & high- cold rain in great abundance- particularly in the night. Moon full forenoon. Sowed my garden, & peas &.

17, Wind E- N&, cloudy, shewery & cold.

18, Wind E- S&- N&- cloudy, cool & shewers- blossoms in the apple trees.

19, Epping & Nottingham, wind N- NE- & NW- cool, cloudy- shewers.

20, Epping, Brintwood, Exeter & Newmarket, wind W- NW- cloudy most of the day- cool.

21, Epping to Newbury Port, wind NW- W- SW- S- fair & cool alternately- cool, rode all day with my servants in my chaise- little rain in the evening.

22, Newbury Port to Ipswich, wind S&- E- N& cloudy & cool most of the day- rain in the night. The trees, grass & gardens as backward here as at Epping.

23, Ipswich, wind N&, a cold very rainy day.

24, Ipswich to Salem, wind N&- fair most of the day- cool, wore my servants in the chaise- rain in the night.

25, Salem, wind N& cloudy, rained half the day- cold.

26, Salem to Boston, wind W- to E, cloudy, cool- rain morning & evening.

27, Boston to Salem, wind N&- E- S&, rained morning & evening- fair rest of the day but cool.

28, Salem wind E- S&, cloudy most of the day cool.

29, Salem, wind S&- E- N& cloudy all day & cool- In the forenoon a great fall of rain.

30, Salem, wind S&- E- SW- fair most of the day.

31, Salem to Newbury Port, wind N&- & S&- cloudy all day- forenoon much rain- evening foggy, rain- night, thunder, lightning & rain.

June.

1 Newbury Port to Epping, wind SW- W- fair & pleasant- many apple trees in full blossom- some people planting corn- travelling bad.

2, Wind S- W- S- fair & pleasant.

3, Epping to Exeter, wind S&- E- SW- N- NE, cool, cloudy, a great fall of rain.

4, Wind W- NW- fair but cool.

5, Wind SW- W- fair & hazy alternately- warm.

6, Wind SW- W & high- fair & warm.

7, Epping to Concord, wind W- SW- fair & warm- planted my corn this day.

8, Concord, wind SW W- NW- early in the morning thunder & rain- day warm- showers.

9, Concord, wind W- SW- fair & pleasant.

10, Concord to Epping, wind SW, fair & cloudy alternately- warm.

11, Wind SW, warm, forenoon fair- afternoon cloudy & distant thunder & lightning in the north- thundering warm & much lightning.

12, Wind SW- for 4 hours in the morning much thunder & lightning with steady moderate rain- day warm, fair & showers alternately.

13, Wind SW- little rain- fair & warm- evening much lightning, some thunder & rain.

June 1802.

14. Wind NW. fair & cool.
15, Wind NW, fair & cool- moon fulled in evening.
16. Wind NW fair & cool.
17. Epping, Wintwood, Exeter & Newmarket, wind NW W. S.W- S- fair, cool & pleasant.
18, Newmarket, Strattham, Greenland, Portsmouth & Epping, wind SW- S. fair but cool.
19, Wind SW- fair & cool- lightning in the evening.
20. Wind S- SW- forenoon cloudy & showers- afternoon fair- evening distant thunder in the S & E- wind NW & cool.
21, Wind at every point of the compass, fair & pleasant.
22 Epping Northingham, wind S- SW, fair & cloudy alternately- warm- little rain in the evening- moon quartered in forenoon.
23. Wind SW- W- NW- N- NE cloudy & part of the day very rainy- thunder early in the morning at a distance- cool- evening rain.
24. Wind NW- W- SW- cloudy part of the day- thunder & small showers- warm.
25, Wind SW- forenoon fair & warm- afternoon cloudy & some showers
26. Wind SW- S SE- E, cloudy part of the day- cool.
27. Wind SW- W- NE- fair & warm- evening cloudy & cool.
28. Epping, Wintwood & Exeter, wind SW W- NW- forenoon fair & warm, afternoon cloudy, some rain, cool.
29. Wind SW- fair & cloudy alternately- cool- distant lightning in the evening- moon then changed.
30. Epping, Lee, Durham & Dover, wind NW. fair but rather cool. saw some people mowing.

July 1802

1. Wind W- NW, fair, dry & warm.
2. Wind W- SW- fair dry & warm- lightning in the evening- night very warm.
3, Wind WSW- fair & very warm- distant thunder & lightning.
4, Wind NW fair & cool.
5 Wind W- SW- S- forenoon fair- afternoon cloudy & a little rain- evening rain & cool.
6 Wind NE- N- NW- W- morning rain, cloudy most of the day- cool.
7. Wind E- W- SW- cloudy part of the day- cool.
8. Epping, Wintwood, Exeter & Newmarket, Wind S- SW- morning cloudy, day fair & cool- moon quartered in the morning.
9, Newmarket, Strattham, Greenland, Portsmouth & Epping, morning wind SW- a shower, forenoon warm- afternoon Wind W- fair & cool- night wind NW & high & very cold for the season.
10. Wind NW. fair & very cool for the season.
11, Wind NW- W- SW. fair- afternoon a fine shower, distant thunder- wind NW night very cold.
12, Wind N- NW- fair & cool for the season.
13. Wind W- NW- fair, pleasant but cool.
14. Epping, Wintwood, Exeter, wind W- SW. fair & warm.
15 Wind W- SW- fair & very warm- moon fulled in the morning.
16, Wind SW fair, dry & warm- evening light in the north.

July 1802.

17. Wind E.-Sk.- cloudy.

18. Wind E.-Sk.-S.-SW.- cloudy most of the day- fell a little rain.- warm. in the night distant thunder & lightning in the north.

19. Wind S.-SW.- cloudy & showers in the forenoon with distant thunder.- afternoon fair & warm.

20. Wind SE.-S.-SW.-W. fair & warm.- began to kill my corn.

21. Wind SW.-W.-NW.- fair & very warm.- noon quartered afternoon. began my hayings- grass green.

22. Wind SW.- fair, & very warm indeed.

23. Wind SW.-W.-NW.- fair & very hot.

24. Wind SW.- cloudy & warm.- afternoon moderate showers with distant thunder.

25. Wind SW.-W.- cloudy half the day, warm.- evening cool.

26. Wind W.-E.-NE.- forenoon fair & warm, after=noon cloudy & foggy.- where the great snow fell there is much grass; but where there was little snow there is but little hay.- the winter killed the grass where the ground was not covered with snow.

27. Wind E.-SE.-W.- warm.- forenoon foggy, after=noon fair & cloudy alternately.- little rain with distant thunder.- lightning & fog in evening.

28. Wind E.-SE.-W.- foggy more than half of the day.- warm.- fog & lightning in the evening.

29. Wind E most of the day, foggy & cloudy.- after=noon thunder in the West with little rain.- inner doors of the house much swelled.

30. Wind E.-SE.- cloudy most of the day.- afternoon thunder in the west.- in the afternoon a great fall of rain but no thunder.

31. Epping, Wintewood & Exeter, wind W.-SW.-NW.- fair & warm.

August.

1. Wind SW.- forenoon fair & warm.- afternoon cloudy, distant thunder, & little rain.

2. Epping, Wintewood, Exeter, Strathaun, Greenland, Portsmouth & Newmarket, wind NW.- & cloudy but little rain.

3. Wind E.-NE.-N.- fair most of the day & cool.

4. Wind NW.-W.-SW.- fair.- evening cool.

5. Wind SW.-SE.- fair.- evening too cool for a gown.

6. Wind E.-S.-SE.-SW, foggy in the morning.- fair the residue of the forenoon.- afternoon cloudy.- little rain in the evening.- Moon quartered in morning.

7. Wind E.-SE.-S.- cloudy all day.- much rain.- & distant thunder in the S.- & SW.

8. Wind W.-NW fair most of the day.- a small show=er.- evening some lightning & much rain.

9. Wind W.- fair & warm.

10. Epping, Wintewood & Exeter, wind W.-NW fair & warm.

11. Exeter wind SW.- fair & warm.

12. Exeter wind SW.-S.- cloudy most of the day, warm & showery.- little distant thunder.- great fall of rain in the evening.

13. Exeter wind NW, cloudy, showers.- cool.

14. Exeter, Wintewood & Epping, wind W.-SW fair and pleasant.

August 1802.

15, Wind E-NE-SE- cloudy most of the day- cool- a little rain in the evening.

16, Epping, Printwood Chester, wind SE-SW- cloudy in the forenoon, & little rain- afternoon fair & warm.

17, Chester wind SW-W- fair & warm.

18, Chester, Printwood & Epping, wind E-SE-SW- fair most of the day, cool- some rain & distant lightning.

19, Wind E-NE, cloudy, cool & some rain.

20, Wind E-NE-N-NW- forenoon fair, afternoon cloudy, evening rain- cool- moon quartered in the morning.

21, Wind N-NW- fair & cool.

22, Wind W-NW- hazy & warm- evening cool.

23, Wind NW-W- hazy most of the day- afternoon cloudy- warm- little rain.

24, Wind N-NW-W- fair & very warm- in the evening distant lightning, little thunder & rain- In the night wind ENE & high, much lightning & some thunder, but little rain- Finished my haying.

25, Wind E- cloudy & cool all day- night warm, distant lightning & little rain.

26, Wind E-NW- fair & warm- cloudy in the evening- much lightning & some distant thunder.

27, Wind SE-S-SW- most of the day cloudy- at noon a shower attended with thunder & lightning- night lightning in the north.

28, Epping, Poplin, Printwood, Nayen and Nottingham, wind E-NE, cloudy, showers all day- moon quartered.

29, Wind NE- cold- moderate rain all day- cold- fire comfortable- In the night some thunder & lightning from the N-and NE.

August 1802.

30, Wind E-NE-NW-W- forenoon cloudy & cold- afternoon fair & warm.

31, Epping, Printwood, Chester, Hampton Fall & Newmarket, wind W- fair & pleasant.

September.

1, Wind W-NW- forenoon fair, afternoon cloudy & warm- at sunset a shower, lightning & thunder, evening cool & cloudy.

2, Wind NW & high- fair & cool.

3, Wind W- forenoon fair, afternoon hazy & cloudy- evening much rain & some lightning.

4, Wind W-NW- fair & cool- small frost in the night.

5, Wind NW & very cool- finished haying- moon quartered.

6, Wind NW fair & cool- was obliged to have a fire in my office.

7, Wind NW fair, but not so cool as yesterday- night cloudy, cool & little rain.

8, Wind NW fair & very cool in the evening.

9, Epping, Printwood, Chester & Newmarket, wind N-NE, cloudy most of the day, afternoon & night rain- people not done haying- began to cut stalks.

10, Wind N, NW forenoon cloudy, afternoon fair, evening remarkably pleasant.

11, Wind NW- fair & very pleasant- Moon fulled in an eclipse.

12, Wind W- fair & warm.

13, Wind W-SW fair & very warm.

14, Epping, Lee Madbury & Dover, wind SW- two hear of

showers morning & evening with much light=
=ning & thunder - weather very warm.

15, Dover, Madbury Lee & Epping, wind SW. fair & warm

16, Wind E-SE-S-SW- fair most of the day - warm - at noon distant thunder in the south - evening foggy.

17, Wind E-SE-SW-S- cloudy all day warm - afternoon thunder in the S- some rain - foggy in the evening.

18, Wind SW-W-NW- fair & warm most of the day - in the morning distant thunder in the SW-, in the evening fair but lightning in the SE- moon quartered in the afternoon.

19, Wind NW- fair & pleasant, cooler than yesterday.

20, Wind SW- cloudy all day - forenoon rain - warm, evening fair.

21, Epping, Brintwood & Exeter, wind SW, cloudy part of the day - morning distant thunder in the South - In the evening warm, much rain, thunder & lightning.

22, Exeter, wind SW- cloudy, warm & much rain.

23, Exeter, wind SW- cloudy part of the day showers - warm - lightning in the evening in the NW.

24, Exeter, wind SW-W-NW, cloudy, much rain - warm - evening cool.

25, Exeter, Brintwood & Epping, wind NW-W-SW- morning cool - fair & pleasant.

26, Wind E-N-NW-W- hazy most of the day - cool - moon changed in the afternoon.

27, Epping, Brintwood & Exeter, wind E-N-NW-SW- forenoon hazy, afternoon fair & cool. So much rain that farmers have not cut their stocks.

28, Exeter, wind NW- fair, cool - frost in the night.

29, Exeter, wind N-NW, fair, pleasant, cool - frost.

30, Exeter, ditto.

October.

1, Exeter, wind NW- fair, pleasant - frost at night.

2, Exeter, Brintwood & Epping, wind NW-W-SW- fair, warm & pleasant.

3, Wind W-SW- fair & pleasant.

4, Wind W-SW-S- fair & pleasant - moon quartered.

5, Wind S-SE-SW- fair warm & pleasant.

6, Wind S-SW- fair, warm & pleasant.

7 Wind S-SW- fair, warm & hazy.

8, Wind S-SW- fair & very warm.

9, Wind SW- fair, hazy. The weather this week has been more like summer than autumn.

10, Wind S-SW- fair, warm & pleasant - evening a small shower - There has been little wind to stir the air for 14 days; for 3 days have been gathering in their indian corn.

11, Epping to Andover, wind NW, fair pleasant but cool - moon fulled in the morning.

12 Andover to Salem via Cambridge, wind S-SW- fair, dry & pleasant.

13, Salem wind SW & high - warm - roads filled with dust.

14, Salem wind NE cool, cloudy - rain.

15, Salem wind NE, cloudy - little rain.

16, Salem, wind E- cloudy, warm - much rain.

17, Salem, wind NW-W-SW-E-NE fair & cloudy alternately - warm - evening moderate steady rain

October 1802.

18, Salem to Cambridge, wind, N.E.-E.-S.E, forenoon cloudy & much rain- afternoon fair- warm all day- moon quartered in the morning.

19, Cambridge, wind N. NW- N.E. fair, pleasant, mild, but cooler than yesterday.

20. Cambridge & Barton, wind N.E.- cloudy & cool of the day night moderate showers.

21. Cambridge wind N.E.-N. cloudy all day ~~little~~ rain- mild weather.

22. Cambridge wind N.-N.E.- cloudy- little rain but not cold- small rain- sun appeared for a few minutes only.

23, Cambridge to Salem, wind NW, fair & moderate.

24. Salem wind N.-NW cloudy & cool.

25 Salem to Ipswich, wind N.-N.E. cloudy- froze water quarter of an inch thick in the night. Moon quartered in the morning.

26, ~~Ipswich~~ to Epping, wind N.-N.E.-E.-S. cloudy & cool.

27, Wind N.E. cloudy- rain- evening heard the sea roar.

28, Wind N.-NW fair & cloudy alternately- cold.

29. Wind NW fair but cold.

30. ~~D~~itto.

31. Forenoon wind N.E. cloudy & cool- afternoon wind E.-S.E.-S.- rain in abundance.

November.

1, Wind S.W. cloudy- forenoon warm & showers afternoon cool- rain- evening wind N.W & cold.

2, Epping, Hunterwood & Exeter, wind N.W.-S.W. fair

but cool- road wet & muddy.

3, Wind S.W.-S.-W. snow most of the day- dissol=ved near as fast as it fell- or ~~there~~ would have been 6 inches on the ground- froze hard in the night.

4. Wind S.W.-W.-N.W fair & pleasant- did not thaw in the shade.

5, Wind N.W.-N.-N.E fair, cool, but pleasant.

6. Wind N.E. N & brisk- fair not cold.

7. Wind N.E. fair.

8. Wind W- fair & warm for the season.

9. Epping & Newmarket, wind W.-N.W.- fair & warm moon fulled in the afternoon.

10 Newmarket, Greenland & Portsmouth wind W.-N.W fair & pleasant.

11 Newmarket & Epping wind N.W.-N.- fair & pleasant for the season. Some people gathering corn.

12. Wind N.E fair & pleasant.

13, Wind N.E.-E.-S.E forenoon cloudy, afternoon fair, evening foggy.

14. Wind S.E.-S.- fair & very warm for the season.

15. Wind N.E.-N.- fair & pleasant.

16, Epping, Newmarket, Stratham, Greenland & Ports=mouth, wind E.-N.E.- cool & some rain.

17, Newmarket & Epping wind N.E.- cloudy & gentle rain- evening fair & cool.

18, Epping to Exeter, wind S.W.- fair & pleasant.

19 Exeter to Boston, wind S.W. fair in the morning- afterwards cloudy- mild.

November 1802

20, Boston, wind SW- fair & pleasant.
21, Boston to Providence, wind S- SW, hazy- mild.
22, Providence to Preston, wind S- SE- cloudy, after= noon shower- night much rain & wind very high. warm for the season.
23, Preston to Lyme, wind NW- fair & cool.
24, Lyme to New Haven, wind SW- fair & very warm for the season.
25 New Haven to Stamford, wind N- NE hazy & cool.
26, Stamford to New York, wind S- SE- cloudy- foggy- little rain- very mild.
27, New York to Bergen County New Jersey, wind NW. fair & cool.
28. Bergen to Princetown, wind NW- fair, pleasant, but cold- ice in the evening half an inch thick.
29. Princetown to Philadelphia, wind NW. fair & cold- saw ice in the morning more than half an inch thick- thawed none in the shade- not a cloud to day or yesterday.
30, Philadelphia, wind SW- SE- E. hazy, cool, even= ing rain.

December.

1, Philadelphia to Havre de Grafs in Maryland, wind NE- E- SE- W. cloudy all day, forenoon rain- weather mild- froze little in the night.
2, Havre de Grafs to Baltimore, wind NW- fair & cool- froze in the night.
3. Baltimore to Washington, Wind SW- fair & as pleasant as New Hampshire May.
4. Washington, Wind E- hazy most of the day.

December 1802.

5. Washington, wind NE, forenoon rain, afternoon fair, mild- froze little in the night.
6. Washington & Georgetown, wind NW cool.
7. Washington, wind NW- N- NE cloudy, cool.
8. Washington, wind W- NW- fair & mild.
9. Washington, wind NW high & sharp- fair, so cold that the Tiber froze over in the night- moon full.
10, Washington Wind NW- W- SW mild afternoon hazy- night fell 2 inches of snow.
11, Washington Wind W. cloudy most of the day- weather moderate- most of the snow dissolved.
12, Washington, wind N- NE fair & hazy alternately cool- some snow still remains- froze in the night.
13, Washington, wind N- NW- fair & cool- some snow remains. The last night the Potomac froze over- this morning the ice disappeared.
14, Washington Wind SE- SW- cloudy- forenoon rain- moderate- snow all gone.
15, Washington, wind SW- fair & mild- night wind NW & high- cold. froze hard.
16, Washington, wind NW & high. fair, cold. thawed none.
17, Washington, wind NE cloudy, cold- fell half an inch of dry snow.
18, Washington, Wind W- SW- fair & pleasant- snow all dissolved- saw ice 4 inches thick.
19, Washington, wind SW- cloudy part of the day- little rain
20, Washington, wind SW- cloudy- mild- rained little night foggy & moderate rain.
21, Washington, wind NE- N- NW forenoon foggy & rain- afternoon fair & cloudy alternately- froze none in the night.

December 1802.

22, Washington, Wind SW. cloudy, very little rain-weather moderate-night foggy-froze none.

23. Washington, wind S-SW cloudy & foggy most of the day- little rain-weather mild-evening cool-wind NW-froze none

24, Washington, wind SW fair, pleasant-cool-froze in the night-moon changed.

25 Washington, wind SW-fair, pleasant & warm.

26, Washington, wind S-SE forenoon moderate rain-afternoon cloudy-evening fair, not cold-froze none.

27 Washington, wind SW- cloudy-moderate.

28. Washington, wind S-SW- cloudy about half the day mild- so warm that I had no fire in my chamber either in the day or night- but raised my window for cool air- little rain in the evening.

29. Washington, wind NE-N- cloudy all day-fore=noon rain- cooler than yesterday-evening fair, froze none.

30. Washington, wind NE-N- cloudy- weather mild-froze in the night.

31. Washington, wind NW-fair & cool-froze in the night.

January 1803.

1. Washington, wind W-SW fair & cloudy alternately-mild.

2. Washington, wind SW S-SE- weather moderate-fore=noon fair- afternoon cloudy- evening snow-froze none.

3. Washington, wind NW-W- fell 9 inches of snow-cloudy most of the day- moderate- sail'd a sley drawn by a horse-froze in the night.

4. Washington, wind SW S- fair & mild- thawed much.

January 1803.

5, Washington, wind W-SW- fair, mild-cloudy part of the day- night rain-snow all dissolved.

6 Washington, wind SW-W-NW- rain in rain-day fair & cloudy-froze in the night.

7. Washington, wind, NW & high-froze in the night-The tiber, a small river froze so as to bear a man.

8 Washington & Georgetown, wind NW-fair & cool-thawed little- The Potomac froze over.

9, Washington, wind NW- fair & cool-not a cloud-froze in the night.

10 Washington, wind SW- fair & cloudy alternately-thawed little-froze at night.

11 Washington, wind SW-fair warm & pleasant-wind raw & damp-froze none in the night.

12 Washington, wind SW- cloudy all day-little rain-evening much rain-froze none in the night.

13, Washington, wind S-SW- cloudy, moderate-rain-froze none.

14, Washington, wind SE-S- cloudy, foggy & rain-grass green-night fair-froze none.

15, Washington, wind NW fair & pleasant-not a cloud in the horizon-froze some in the night-moon quartered.

16, Washington, wind NW-fair & cloudy alternately-cool-froze hard in the night.

17, Washington, wind NW- cold- thawed none-froze hard in the night.

18, Washington, wind NW- ditto.

19, Washington, wind NW-fair cold- thawed little-froze in the night.

Jan'y 1803.

20, Washington, wind S.S.W brisk, thawed but little, fair scarce a cloud to be seen- froze hard in the night.

21. Washington, Wind NW- N- fair & cold- wind high- dust flew like snow in the streets- froze hard in the night.

22, Washington, wind S- SW fair & pleasant, thawed but little- froze in the night.

23. Washington, Wind S- SW- cloudy most of the day - thawed some- froze in the night.

24 Washington, Wind S- fair & very pleasant- froze in the night.

25. Washington, wind S- SW- cloudy most of the day - moderate- froze none in the night.

26, Washington, wind S- SW- fair most of the day cloudy the residue- thawed- froze little in the night.

27, Washington, Wind NW & high- fair- thawed- froze in the night.

28, Washington, 28 Wind NW- fair, cool- thawed little - froze in the night.

29, Washington & Georgetown wind S- S.E. fair & pleasant but cool- froze in the night- moon quartered.

30, Washington, wind S.E.- S- SW- cloudy all day- in the morning fell a little snow, which soon dissolved - froze in the night.

31, Washington wind W- NW- fair & cool- thawed but little- froze in the night.

February.

1, Washington, Wind S- SW- fair, pleasant & moderate as New England May- thawed all night.

2 Washington, wind S- SW- cloudy most of the day-

thawed much- thawed all night.

3, Washington, wind S- SW- W- NW- forenoon remarkably mild- fire unnecessary- afternoon wind NW & high- cold- ground froze hard.

4, Washington, Wind NW- fair & cool- thawed a little- froze hard in the night.

5, Washington, wind S- S.E. cloudy- fell 1/2 inch of snow- moderate weather- rained & froze in the night.

6, Washington, wind S- S.E.- cloudy & foggy- snowed some- rained considerable- snow all dissolved- thawed all night- no comfelled.

7 Washington wind S- S.E.- cloudy & thick fog- rained some- thawed all night.

8, Washington, Wind SW- forenoon fair- afternoon hazy & cloudy- mild as May- froze a little in the night.

9, Washington, wind W- & NW- fair, mild & warm as New Hampshire May- evening wind NW high & cold- froze hard in the night.

10, Washington, wind N- NW- little wind & cloudless sky- mild, pleasant & thawed- froze in the night.

11, Washington, Wind S- S.W- fair & pleasant- air chilly, but thawed much- froze none in the night.

12, Washington, wind S- S.E.- cloudy & rain all day- not cold- in the night wind high & much rain- warm.

13, Washington, wind in forenoon S.E.- afternoon N.E.- N- & cool- rained all day- night some hail- froze.

14, Washington, wind NW N- cloudy- thawed but little- fell a little snow- froze in the night- moon quartered.

Feby 1803.

15, Washington, wind N- NW fair but cool- thawed a little- night cloudy & froze hard.

16, Washington, wind E & N- N- cold, dry snow storm- fell about ten inches of snow- wind- froze in the night.

17, Washington wind N- NW cloudy, cool thawed a little- froze in the night.

18, Washington wind N- cloudy- thawed much- ground appears- froze in the night.

19, Washington, wind SW- fair & warm- snow dissolved fast- travelling bad- froze none in the night.

20, Washington, wind SW- small rain- fair and mild most of the day- most of the snow gone- thawed all night.

21, Washington Wind SW- fair & mild- snow most gone- Sun eclipsed & moon changed- froze little in the night.

22 Washington, wind SW- S- fair & mild thawed much.

23 Washington, wind SW- fair & cloudy alternately- thawed much- snow nearly gone- froze none in night.

24, Washington, wind N- NE- rain- cool- froze little in the night.

25 Washington, wind N- NW- fair & cloudy alternately- cool, but thawed some- froze in night.

26 Washington, wind NE- N- fair- thawed much- froze in the night.

27, Washington, wind SW- fair, thawed much- froze a little in the night.

28, Washington wind SW- S- cloudy most of the day- thawed- moon quartered- in the night wind NW- cold- froze.

March 1803.

1 Washington, wind NW & high, fair & cold- thawed but little- froze hard in the night.

2, Washington, Wind SW- fair & cold- thawed little- froze hard in the night.

3, Washington, Wind SW- fair- pleasant- thawed much- froze some in the night.

4, Washington to Baltimore, wind SW fair- hazy in the afternoon- thawed much- saw snow in drifts- people making & repairing fences- saw black birds, blue birds & robbins.

5, Baltimore to French Town, wind S- SE- E- fair & pleasant- thawed some- froze in the night- cloudy- saw some snow.

6, French Town to Philadelphia, wind E- NE fair & cloudy alternately- cool- froze hard in the night.

7, Philadelphia to crop Road, (Bucks County) wind NE- little wind- in the morning fell 3 inches of snow- ground froze hard.

8, crop Road to Somerset- Court House, (New Jersey) wind E- NE- cloudy all day- thawed considerable- froze in the night.

9, Somerset Court House to New York, wind E- NE- fair- thawed much- froze in the night.

10, New York to the Sound, wind SW- S- fair & pleasant- froze in the night.

11 Sound to Wrenthams, wind S- SW- fair & pleasant- saw some banks of snow- froze but little in the night.

12 Wrenthams to Newbury Port, wind SW- fair & pleasant- thawed much- froze little in the night- found some large banks of snow near Salem.

13. Newbury Port to Epping, wind NE cloudy, thawed little - froze in the night.

14 Wind SW - fair & cloudy alternately - thawed much - froze little in the night - robbins appear.

15, Wind W - SW - fair & cloudy alternately - thawed much - froze none in the night.

16, Wind W - SW - fair & very warm - travelling unusually bad - rain in the night - moon quartered.

17, Wind NE - cool - rain all day - froze none in the night.

18, Wind W - NW - fair & pleasant - travelling bad - froze in the night - blue birds & larks appear.

19, Wind NW, fair & pleasant - northern lights in the evening.

20, Wind E - forenoon fair - afternoon cloudy evening a little rain - no frost.

21, Wind NW forenoon fair & pleasant - afternoon wind high - cold - fair & cloudy alternately - showers of rain & hail - frogs piping in the evening - froze considerable in the night. Pidgeons appear.

22, Wind NW - fair & cool - froze in the afternoon & night.

23, Wind NE - E - cloudy - just at night came a cold violent snow storm - fell 10 inches of snow.

24, Wind W - NW - cloudy & fair alternately - thawed much - ground bare in some places - froze in the night.

25, Wind NW, fair & cool, but thawed some - froze in the night.

26, Wind S - SW - cloudy - afternoon rain & hail - evening & night rain - cool but no frost.

27, Wind NW - fair & cool, thawed but little - the moon

& 7 stars passed each other in the morning - froze hard in the night.

28, Wind NW - fair & cold - thawed but little - froze hard in the night.

29. Epping via Exeter to Newmarket, wind NW - fair & cool, but warmer than yesterday - thawed much - roads muddy - froze in the night.

30 Newmarket to Portsmouth, wind N - NE, fair & pleasant - thawed much - froze in the night.

31. Portsmouth by Exeter to Epping, wind S - SE - fair most of the day - mild - snow most all gone - froze none.

April.

1 Wind S - SW cloudy - moderate.

2, wind S - SW - forenoon cloudy - afternoon fair - warm.

3, Wind S - SW - fair & cloudy alternately - warm.

4, Wind S - SW - fair & cloudy alternately - warm - people plowing - pidgeons in great abundance.

5, Wind E - NE - cool & cloudy - a little rain.

6, Wind N - NW - fair & cool.

7. Wind N - NW - fair & cool - moon fulled - froze in the night.

8, Wind S - SE morning fair - rest of the day cloudy - evening rain - night wind E - thunder, lightning, rain & cool raw air.

9 Epping to Barrington, wind N - NW - fair & cool - froze in the night.

10 Wind NW - fair & cool - a little rain in the evening.

11, Wind SW - fair & warm - martins appear.

12, Epping & Newmarket, wind SW - fair most of the day - mild - a little ~~evening~~ rain in the evening.

13, Newmarket to Portsmouth, wind SW- fair & hazy alternately- mild- as much rain as a dew- thunder & light= =ning in the evening at a distance.

14, Newmarket to Epping, wind E- NE- cloudy most of the day- cool- a little distant thunder- moon quarters.

15 Wind NE- The forenoon was an uncommon dark time- it was so dark at noon I could scarcely read or write without the aid of candles. The wind was strong & the clouds flew with astonishing rapidity- there was a gentle rain- at noon it increased, till near 4 o'clock PM, when it began snowing & continued so through the night. The air is very cold & chilly for the season.

16, Wind NE- N- forenoon snow fell all the time, followed by hail- afternoon cloudy & little snow- wind high, blustering- snow thrown into heaps- some banks 4 feet deep- fell about 10 inches on a level- froze at mid-day.

17, Wind ENE & strong, cold- cloudy- snowed most of the day, but dissolved near as fast as it fell- froze none in the night.

18, Wind NW- W- SW- fair & moderate- thawed much- ground appears- grass green- froze little in the night.

19, Wind NW- N- NE- & fair & cool, yet thawed much- froze in the night.

20, Wind N- NE- fair & hazy alternately- cool- froze in the night.

21, Wind N- NE fair & hazy alternately- cool- saw some banks of snow near two feet deep- froze in the night. Moon quartered.

22 Wind NW- fair & pleasant, but cool for the season- evening wind E- moon & 7 stars passed each other.

23, Wind NW- fair warm & pleasant- evening wind E- some banks of snow 15 inches deep- swallows appear.

24, Wind W- SW- NW- N- cloudy & hazy most of the day- evening wind NE.

25, Wind NW- N- fair & hazy alternately- evening wind E- butterflies appear.

26, Epping & Exeter, wind N- NE fair & hazy- cool for the season- some banks of snow to be seen.

27, Wind NE high & strong- cold, cloudy- sun set clear- rainbow in the east at the setting of the sun.

28, Wind NE cloudy & misty all day- cool- peach trees begin to blossom.

29, Wind E- SE- SW cloudy & foggy most of the day- warm- sowed oats.

30, Wind SW- morning foggy & cloudy- fair & warm.

May.

1, Wind SW- afternoon showers- warm- night rain.

2, Wind NW- fair & cool- evening cold- night froze.

3, Wind NW- W- SW- fair, pleasant, but cool- frost in the night.

4, Wind W- SW fair but cool.

5, Wind SW- S- SE- E- forenoon hazy- afternoon cloudy evening & night rain & cool.

6, Wind SE- S- SW- forenoon cloudy & rain- some dis= =tant thunder- afternoon fair, wind NW- evening cold- in the night water froze a quarter of an inch thick.

7, Wind NW- fair & cold.

8, Wind NE- N- from 7 o'clock am to 5 o'clock PM a cold snow storm- if none of the snow had melted, there

May 1803.

would have been a foot of snow on the ground upon a level in the evening there was 4 inches. In the night it froze hard. The buds of appletree blossoms just begin to appear.

9. Wind NW fair & cold. at evening but little snow to be seen. froze in the night.

10, Wind. NW fair & very pleasant. people planting Indian corn. evening cool.

11. Wind NW forenoon fair & pleasant. afternoon wind & hazy. night cloudy.

12. Wind W. NW. S&. fair, pleasant. evening cool. at 8 Oclock PM a white bow appeared in the S&. apple & cherry tree blossoms appear.

13, Wind S. SW. NW. most of the day cloudy. shewers in the forenoon. cool in the afternoon.

14. Wind N. N&. S&. fair. forenoon warm & pleasant. afternoon cool. moon quartered.

15. Wind S. S&. cloudy & showers part of the day. in the evening wind NW. N. frost in the night.

16 Epping to Hampton Falls wind SW. W. & fair & pleasant evening cool.

17. Hampton Falls to Newmarket, wind SW. W. fair, warm & pleasant. evening wind E. cool.

18. Newmarket & Epping, wind W. SW. fair & pleasant.

19. Wind SW. S& forenoon fair & warm. afternoon cloudy & cool. moon quartered.

20, Wind S&. E. SW. N. cloudy & rain most of the day. evening fair & foggy alternately.

21. Wind N. NW. fair, but cool for the season.

22. wind W. NW. fair, warm & pleasant.

May 1803.

23. Wind E. fair. cool.

24. Wind E. NW. fair & hazy alternately. cool.

25. Wind E. S&. N&. NW. fair, warmed sowed oats.

26, Wind E. N&. W. fair, pleasant. cool. frost in the night.

27, Wind E. S&. SW fair. warm. began to plant potatoes.

28, Wind E. S&. SW. fair warm. planted my indian corn. moon quartered.

29. Wind E. S. SW, fair & very warm.

30, Wind S. SW. fair & warm.

31. Wind S. SW cloudy. warm. small shewers.

June.

1, Wind SW. W. NW morning cloudy. small shewers. at noon a small thunder shower.

2 Epping to Exeter, wind NW. fair & pleasant.

3, Wind SW. fair & cool.

4. Wind S. S&. SW. cloudy & rain most of the day.

5, Wind S. SW cloudy & rain most of the day. evening fair. wind NW. cool. moon fulled in the ~~evening~~.

6, Wind NW & high. cool & fair.

7, Epping to Concord, wind SW. fair, warm & pleasant.

8, Concord, wind SW. fair warm & pleasant.

9. Concord. Ditto.

10. Concord to Epsom, wind S. SW. fair, warm & pleasant rained a little.

11. Epsom to Epping, wind S. S&. fair most of the day. warm.

12, Wind E. S&. S. SW. W. fair most of the day. warm & a small shewer. distant lightning in the evening. Moon changed.

13, Wind E. S&. fair, pleasant. but cool.

14. Wind E. N&. cloudy all day. a little rain. cool.

15. Wind E. N&. cool. cloudy. little rain.

June 1803.

16, Wind E.-W. cloudy- as much rain as a dew.
17, Wind E.-S.E.-W. cloudy & fair alternately- very warm
-afternoon distant thunder & very little rain.
18, Wind E.-N.E. cloudy- misty- cool
19, Wind S.W. cloudy most of the day- a very little rain
-moon changed.
20, Wind N.W. & high- fair & very cold for the season
21, Epping to Newbury Port, wind N.W. fair & warmer
than yesterday
22, Newbury Port to Exeter, wind W.-N.W. fair & very
warm- distant thunder- road dry & dusty- some people
a haying.
23, Exeter to Epping, wind W.-S.W. fair, dry & very warm
-evening cool.
24 Epping to Portsmouth, wind W. fair & very warm
-in the evening lightning in the north.
25, Wind E.-N.E, cool- cloudy most of the day- even=
=ing showers.
26, Wind E.- cloudy & cool- evening showers- moon
quartered in the evening.
27, Wind S.W.-W.-E.-N.E.- warm- fair & cloudy alter=
=nately- small showers, distant thunder & lightning.
28, Wind N.W. fair & cooler than yesterday- evening
lightning in the east.
29, wind W. fair, dry & very warm- evening pleasant.
30, Wind S.W. fair, warm & dry.

July.

1, Wind S.W.-W. fair, dry & warm- evening light=
=ning in the E.- wind N.W. high & cool.
2, Wind E.-N.E.- cool- cloudy & gentle small rain.
3, Wind N.E.-N. fair & cool.
4, Wind W.-N.W. fair & cool- moon fulled in the afternoon.

July 1803.

5, Epping to Portsmouth, wind S.E.-W. dry, fair.
mild weather.
6, Portsmouth to Epping, wind S.-S.E. fair & dry.
7, Wind S.W. fair, warm- began to mow my grass.
8, Wind S.-S.W. fair & very warm- gathered green peas.
9, Epping & Nottingham, wind S.W. fair dry & very warm
10, Wind S.W. fair & warm- afternoon wind N.W. a
small shower- little distant thunder- evening cool.
11, Wind N.W. fair- fine cool breezes- moon quartered
in the afternoon.
12 Epping by Exeter to Portsmouth, wind N.E.- rainy
most of the day- evening a little distant thunder lightning.
13, Portsmouth to Epping, wind S.-S.W.-E.-N.E. cloudy
most of the day- afternoon wind N.E.- considerable show
=ers with thunder & lightning- evening cloudy & cool.
14, Wind E.-N.E.- cloudy & cool.
15, Wind E.-N.E.- cloudy- forenoon a great fall of rain-
afternoon misty.
16, Wind E.-S.E.-S.-E.-N.W.- cloudy in the forenoon -af=
=ternoon fair- warm & cool alternately- evening cool-
a little distant thunder & lightning.
17, Wind S.-S.W.- forenoon cloudy- afternoon distant
thunder & lightning a little rain- evening wind N.W.-
fair & cool.
18, Wind N.W. fair & pleasant- moon changed afternoon
19, Wind N.W. & high- fair & cool.
20, Wind N.W.-W.- fair & cool.
21, Epping & Nottingham, wind S.E.-S.-S.W.- fair & cool
alternately- small showers- in the night distant light=
=ning in the north- & much rain here.
22, Wind S.-S.W. in the morning a great fall of rain- in
the evening little distant lightning in the north.

To.

23, Wind SW- fair most of the day- warm- in the evening lightning in the N- NE.

24. Wind S- SW- warm- forenoon fair- afternoon cloudy most of the day- In the SW- S- SE- much thunder, & small shower- in the evening lightning in the N- in the night a heavy thunder shower- a great fall of rain.

26, Epping to Newmarket, wind S- SW & at different times from every point- warm- forenoon cloudy most of the time -afternoon thunder lightning & shower- night much rain- moon quartered.

27. Newmarket to Epping, wind S- SW- & forenoon fair & cloudy alternately- afternoon showers & thunder- warm -night rainy.

28. Wind E- NE cloudy & much rain- cool- night rain & lightning in the NW.

29. Wind N- NW- cloudy & rain most of the day- cool.

30. Epping to Exeter, wind NW- W- SW fair most of the day- warm- one heavy shower much rain thunder in the south- Rivers & brooks quite high- a freshett- Much damage has been done to english grain & low land grass. The late rain in Boston was so great and sudden as to fill many cellars with water.

31. Wind SW- fair & very warm.

August.

1 Wind SW- W- NW cloudy most of the day- showers of rain in abundance & some thunder- warm.

2 Wind NW fresh- fair but warm.

3, Wind NW fair & warm- moon fulled.

4. Wind W- NW fair & warm- distant lightning in the evening in the south-

5 Epping to Portsmouth, wind N- NE- E- SE- S- SW- fair warm- evening cloudy- lightning in the South.

6, Wind NE- E- SE- cloudy all day- some thunder- afternoon showers.

7, Wind NE- N- fair & cool for the season.

8, Wind NE- E- SE- fair, cloudy, foggy, cool & warm alternately.

9 Epping to Exeter, wind SE- S- SW- W. warm- fair, cloudy & foggy alternately.

10, Exeter, wind S- SW- warm- forenoon cloudy & foggy- afternoon fair- evening lightning in the NW.

11, Exeter to Portsmouth, wind SW- W fine breeze & fair distant thunder in the SW.

12, Exeter wind W- SW fair & warm.

13, Exeter to Epping wind S- SW fair & warm- evening cloudy, wind high.

14, Wind NW fair, cool & pleasant.

15 Epping & Newmarket, wind NW fair & cool in the evening light in the north.

16, Wind W- SW- forenoon fair, afternoon cloudy.

17, Wind SW- W- NW- morning cloudy- day fair & warm- moon changed- sun eclipsed, but invisible- in the evening light in the north.

18, Wind SW- W- NW, cloudy most of the day- in the afternoon a shower, great fall of rain, attended with much thunder & lightning, & wind but not stormy- in the night northern lights.

19, Wind NW- fair & cool- evening great northern lights.

20, Wind E- SE- S- hazy most of the day- weather moderate.

21, Wind SE- S- fair & cloudy alternately- warm- evening wind NW & brisk- cool- small light in the north.

22 Epping & Newmarket, wind NW brisk- fair & cold- attended the funeral of my dear respected friend

August 1803.

10. Daniel Tilston Esq. of Newmarket aged 75. He died very suddenly of the palsy.

23. Wind NW. W. fair & cool. finished getting in my oats.

24. Exeter & Epping wind NW. W. & fair & pleasant.

25. Wind NW. W. & S. fair, warm & pleasant. moon quartered.

26. Wind W. & S. fair & warm.

Yesterday I was attacked with the diarhea. a dose of rhubarb gave me relief. This morning whilst shaving myself, I was suddenly seized with pain in my whole body. a profuse cold & clammy sweat from every pore. coldness in the extremities, & almost a total cessation of my pulse ensued. My family & physician conceived I was dying. A draught of cold water gave me great relief. large doses of peppermint & camphire restored me. My reason was unclouded, & I was not faint. The diarhea ceased. Previous to this I drank half a glass of brandy, but felt no sensible effect from it.

27. Wind S W. came a breath of air to be felt. fair & very warm.

28. Wind NW. a few fresh breezes. fair & very warm. In the evening lightning & a little thunder in the W. & NW.

my diarhea returned. great nausea, but little pain.

29 Wind NW & brisk. fine bracing healthy air. fair & cool.

I am still weak & feeble.

warm. evening.

August 1803.

30. Wind NW brisk, & fair. Rode out but still feeble.

31. Epping to Epsom, wind NE. to S. fair & pleasant.

September

1 Epsom wind W. SW. morning cloudy. day fair & warm. moon fulled.

2, Epsom Wind S. SW. morning & evening cloudy. day fair & warm.

3 Epsom to Epping wind NW & fresh. fair. cool road dusty

4. Wind S. SW. fair, warm & pleasant.

5 Wind W. SW. fair & warm.

6 Wind W. NW. & forenoon warm & a fine shower. afternoon fair & cool. wind NW & high.

7. Wind NW high & brisk. fair & cold. frost in the night.

8. Wind NW high. fair & cold.

9. Wind NW. W. fair warm & pleasant.

10. Wind W. fair & warm.

11. Wind S & E. morning foggy. day fair & warm.

12, Wind S & E. morning foggy. day fair & warm. evening small light in the north.

13. Wind S & E. & fair & warm. cloudy. chilly.

14, Wind W. S & E fair warm & pleasant.

15, Epping to Exeter, wind SW. fair & warm. very dry. evening cloudy & fine shower. moon changed in evening.

16. Wind NW. N. fair & cool.

17. Wind W. S & E fair & mild. evening light in the north.

18. Wind NW, fair & cool. froze hard in the night.

19. Wind NW. S. S & E. fair, day warm. morning & evening cool. light in the north.

20, Epping & Exeter, wind SW. S. cloudy most of the day

warm - in the night a great shower of rain.

21. Exeter to Epping, wind W - fair & warm.

22 Epping to Exeter, wind NW - fair, warm & pleasant.

23 Exeter to Epping, wind NW fair & cool but pleasant - moon quartered - northern lights.

24. Wind SW - fair, warm & pleasant.

25, Wind W - SW - fair & warm - afternoon hazy.

26, Wind S - SW - warm & cloudy - afternoon showers & distant thunder, 20 miles NW it was heavy - evening fair, wind NW & cool.

27. Epping & Nottingham, wind NW brisk - fair & cool.

28, Wind W - fair & pleasant.

29. Epping & Newmarket, wind NW - forenoon cloudy - fell a very little rain - afternoon fair - moon fulled.

30. Newmarket to Portsmouth, wind W - NW - fair, dry & pleasant.

Note, On the 23d day of this month, the sun entered Libra, at the same time the planets, Mercury, Mars, Jupiter, & the Georgian planet or Herschel were in Libra; Venus & Saturn were both in the 24th degree of Virgo but six degrees distants from the Sun. Thus all the planets were nearly in conjunction with the Sun, at the same period the sun roped the line. Many years must elapse before a similar ommence can take place again. Whether this phenomenon has, or will have, any effect on the weather, I cannot yet say. We have had a long season of dry weather & cloudless skies.

1. Newmarket to Epping, wind W - SW - fair & pleasant.

2. Epping to Exeter, Wind W-SW - fair, warm & pleasant.

3. Exeter to Boston, wind SW - S - hazy - very warm - roads dusty.

For 58 days past only one inch & a quarter of rain fell in the town of Andover in Massachusetts.

4. Boston to Providence, wind E - NE - cloudy & rain most of the day - forenoon warm - afternoon cool - sun appeared near night - Saw no appearance of there having been any frost this season near Providence.

5, Providence to New London, wind NW - fair, warm & pleasant - night cloudy.

6, New London to New Haven, wind NW brisk - fair & cool - a little frost in the night.

7, New Haven to Stamford, wind W - SW - fair, pleasant, but cool enough to ride in my sentant - moon quartered. Saw little appearance of there being any frost this season.

8, Stamford to Newark, Wind S - SW - fair & warm - air mild & soft. Musquito's plenty on the marshes - Indian corn greener here than it was at Epping 8 days since.

9 Newark to Somerset Court House, wind NW - W - cloudy all day - weather moderate.

10, Somerset Court House to Brookline, wind S - SW - forenoon cloudy - afternoon hazy.

Pumpkins vines & corn stalks dead corn stalks green - people were cutting stalks & Buckwheat - new ripe seconds

crops of grass. Weather as warm here as it was at Epping three weeks since.

11, Brookleyn to Lancaster, wind SW- fair & foggy alter=nately- warm. Not the least appearance of frost- beans, pumpkin & potatoe vines very green. People mowing buck wheat & second growth of clover.

12, Lancaster to Ferry House west of the Susquehan=nah, wind S- SW- forenoon fair- afternoon cloudy- evening a little rain- weather very warm.

13, Ferry House to Fredericktown, wind S- SW forenoon cloudy- afternoon fair. A thunder shower, in the evening much lightning. Warm as it was at Epping six weeks ago.

14, Fredericktown to city of Washington, wind S- SW- fair & as warm as it was at Epping in August. The last part of this day's journey road was uncommon dusty. The thought has been very contentive.

15, Washington, wind NW- W- morning cloudy- a little rain- rest of the day fair- very warm- moon changed.

Two or 3 times in the day I sweat profusely- little appetite- afflicted with numbness- urine high colored- troubled with a large boil.

16, Washington Wind SW- fair & cloudy alternately- cooler. my boil broke- eat one meal with some relish.

17 Washington, Wind NW & high- road full of dust flying like Epping snows- cold, fire comfortable.

18, Washington & Georgetown, wind NW fair & cool.

19 Washington, wind S- SW & high, fair & cloudy alternately-

-air chilly.

20, Washington, wind NW fair, pleasant, but cool.

21, Washington, wind SW- S- forenoon fair, afternoon cloudy- warm & pleasant.

I have for several days discharged a much greater quantity of urine, & much less sediment, than usually do at Epping.

22, Washington, wind N- NE forenoon cloudy & a little rain, afternoon wind E- SE- fair & cool- evening foggy.

23, Washington, wind E- SE fair & warm- moon quar==tered- a little frost in the night.

24, Washington, wind E- SE- S- fair warm & pleasant.

25, Washington, wind NE- SE- fair, pleasant & cloudy alternately- warm- evening foggy.

My urine small, with a greasy substance floating on its surface- sleep disturbed- nausea.

26, Washington, wind E- SE- S- morning foggy- day fair & warm- night foggy.

Troubled with a nausea, want of appetite- pain in my limbs, & a slight diarrhea- slept sound.

27, Washington, Wind E- SE- S- morning foggy- day fair & warm. Flies & grasshoppers numerous.

Forenoon diarrhea increased- little appetite- weak- afternoon had an appetite- urine high colored- no stool- mind clear & at ease. In the evening felt well- but at eleven oclock at night was seized with violent pain & spasms in my bowels- sweat profusely- walked my chamber- sent for Dr. May, but before he came broke

wind & found relief - took a dose of peppermint & slept.

28, Washington, Wind NE - E - S - morning foggy & cloudy - day fair, & warm.

Stool in the morning - faint - little pain - a heavy cloud, not pale, on my urine - slept 10 hours quietly.

29, Washington, wind SE - S - fair & very warm - morning & late in the evening foggy.

In the morning nausea, the rest of the day a very good appetite - a greasy scum on my urine.

30 Washington, wind N - NW - fair & cool - moon fulled.

In the night slept little till near morning.

31 Washington & Georgetown, wind N - NW fair & cool.

Walked six miles & rode six - little appetite slept well.

November.

1, Washington, Wind N - NW - fair & pleasant.

Some nausea, & pain in my limbs - walked 3 miles.

2 Washington, wind N - NW - W - SE - fair & warm.

Pain in my limbs - little appetite till evening.

3, Washington, wind N - NW - SE - fair & hazy alternately - warm.

4, Washington, wind S - SE - S - cloudy & hazy most of the day - warm - morning very foggy.

5 Washington, wind NE - N - cloudy - moderate rain a part of the day - cooler - moderate rain most of the night.

6 Washington, wind NE - N - rained moderately most of the forenoon - afternoon cloudy - sun shone just at night - cooler - moon quartered.

7 Washington, wind N - NW - fair & cloudy alternately,

but the greater part cloudy - cool - froze a little in the night.

In the morning afflicted with a considerable degree of numbness & cold - my urine thick & turbid - afternoon very well.

8, Washington, wind SW - fair & cloudy alternately - warmer - froze the ground a little in the night.

9, Washington, wind NW fair & cool - comfortable weather - froze a little in the night.

10, Washington, wind NW - fair & cool - froze a little in the night.

11, Washington, wind NW, fair & cool - froze in the night.

Urine clear - nausea.

12 Washington, Wind SW, morning cloudy - day fair wind chilly.

13 Washington, wind S - SW cloudy all day small rain - air mild.

Afflicted with Rheumatism in my shoulders.

14, Washington, wind S - SW - E - morning foggy - fair most of the day - warm & pleasant - evening damp - Moon changed.

15, Washington, wind SE - E - SW - cloudy - mild.

Urine clear - vertigo & nausea.

16, Washington, Wind NE. cloudy - little rain - cool.

Urine thick & turbid - my health much better.

17, Washington, Wind N - NW, fair & cooler.

Pain in my head & nausea. At dinner I drank freely of wine to know its effect - for hours it releived me from

pain - In the evening vertigo - Urine clear - In the night took laudanum.

18, Washington Wind NW - fair & cool.

Enjoyed better health. I have observed, that for some=time my stools, & those of others, have been very black.

19, Washington Wind NW - fair & cool - froze some in the night.

20, Washington, wind SW - S - SE - forenoon fair, af=ternoon hazy - evening cloudy - weather mild.

21, Washington, wind NW - morning a little rain - the rest of the day fair & warm as April - froze in the night - moon quartered.

22, Washington, Wind NW - fair & pleasant but cooler - froze in the night.

23, Washington, Wind S - SW hazy & cloudy.

Afflicted with the vertigo.

24, Washington, Wind W - NW - fair & pleasant - some=times cloudy - evening cloudy.

25, Washington, Wind NW - morning cloudy - day fair & pleasant - froze in the night.

26, Washington, wind NW - fair but cool - froze in night.

27, Washington, Ditto.

28, Washington, Wind NW - N - fair, hazy & cloudy al=ternately - air mild - moon fulled - froze in the night.

29, Washington, Wind S - SE - SW - cloudy, cool, froze none.

30 Washington, Wind S - SE cloudy - little rain - night rain.

December.

1 Washington, Wind S - SW - W - fair & warm as Epping May - little frost in the night.

2 Washington, wind NW - fair & cooler - froze considerable in the night.

3, Washington, Wind NW - W - fair, not a cloud - pleasant but cool - froze in the shade.

4, Washington, Wind NW fair & pleasant.

5, Washington, Wind W - NW fair & pleasant as Epping April - Moon quartered.

My urine for two days encreased, & clear - Vertigo.

6, Washington, Wind W - SW morning fogg - day fair, moderate - evening foggy - froze none.

7 Washington, Wind E - SE morning foggy - day cloudy - evening foggy - weather moderate.

8 Washington, Wind E - SE - morning foggy - day cloudy & moderate rain - air warm - night wind high & much rain - froze none.

9, Washington, Wind W - SW - fair, mild, warm and pleasant - froze none in the night.

10, Washington, Wind SW fair - hazy - small clouds - warm - froze none in the night.

11, Washington Wind SW - S - SE - E. morning foggy - day cloudy & moderate rain - warm - night much rain and distant lightning. The grass is green & much higher than when I first came.

12 Washington, Wind W. fair, mild & pleasant - a little rain in the evening - froze none.

13, Washington, Wind NW - blustering - cloudy - a little rain - froze none - New moon.

14, Washington, Wind NW fair cool - froze in the night.

December 1803.

15 Washington Wind SE-SW. fair, mild-rain a little in the evening-froze none.

16, Washington, Wind N-NW-morning fair-day cloudy--mild-froze in the night.

17, Washington, Wind N-NW fair & cloudy alternately -cool-froze in the night.

18 Washington, Wind N-NW morning cloudy-froze in the shade.

19, Washington, Wind W-morning cloudy-day fair, warm & pleasant.

20 Washington, Wind NE cloudy-cool-afternoon fell 1 inch of snow-night fair.

21, Washington, Wind N-NW-fair-froze in the shade-thawed little in the sun-Moon quartered.

22, Washington, Wind NE-E, cloudy froze more than it thawed-snow not all gone.

23 Washington, Wind NE-E cloudy, cold rain all day-in the morning froze-thawed little froze none in the night.

24 Washington, Wind S-SW fair, hazy & cloudy alternately-mild-froze none in the night.

25, Washington, Wind E foggy, cloudy-very moderate rain-not cool-froze none in the night.

26, Washington Wind NW-fair, cool-but froze none in the night-grass very green.

27, Washington Wind N-NW-fair-cloudy-cooler.

28 Washington, Wind W-fair-cloudy-mild-froze in the night-Moon filled.

29, Washington, Wind N-fair mild-cooler-froze in the night.

December 1803.

For a few days & nights have been afflicted with the Rheumatism, but not severe, in my left shoulder.

Washington.

30, Wind S-SE cloudy-little rain-moderate-a great fall in the night-froze none.

31, Washington & Georgetown, Wind N-NE cloudy-moderate-rain in the night.

Felt little of the Rheumatism.

January 1804.

Washington.

1, Wind N-NE-mild-cloudy & much rain-froze little in the night.

2 Washington, Wind S-SW-fair-hazy-mild-a considerable fall of rain in the night-froze none.

3, Washington, Wind S-SW-cloudy-mild-froze in the night.

4, Washington, Wind N-NW high & blustering-roads filled with dust-cold-froze in the day-Moon quartered.

5, Washington, Wind S-SW-fair, warm-froze in night.

6, Washington Wind S-SW, fair, mild-froze in the night.

Left off taking snuff.

7, Washington, Wind S-SW-morning fair-day cloudy-froze none in the night.

8 Washington, Wind NE-E-cloudy-in the morning fell an inch of snow-day moderate rain-snow all dissolved-air mild-froze none in the night.

9, Washington, Wind N-NW-cloudy-cool-froze hard in the night.

10, Washington, Wind NW, high, cold & blustering-cloudy thawed but little-dusty-froze in the night-the wind blew high.

11, Washington, Wind ENE, light, blustering & cold- froze both in the day & night.

12, Washington, Wind W- SW- NW fair, mild- night cloudy- froze- moon changed.

13, Washington, Wind N- cloudy- mild- thawed.

14 Washington, Wind E- NE- SE- cloudy most of the day- fell half an inch of snow- evening fair- froze.

15, Washington, Wind N- fair, mild & pleasant- thawed froze in the night.

16, Washington. Wind SE- S- hazy- cloudy- fair- air mild- in the night a great fall of rain- no frost.

17, Washington Morning wind NE- cloudy & rain day wind NW- cloudy- fair- cool- in the night wind high- froze.

18 Washington wind NW high & blustering- roads dusty- cold- froze hard.

19 Washington, wind NE- cloudy fell 2 inches of snow- cold- Moon quartered.

20, Washington, Wind NW- fair- cloudy cold, but thawed a little- froze hard in the night.

21 Washington Wind NW, fair, cool, thawed little.

22 Washington, Wind NE- a cold storm of snow all day

23 Washington Wind NE- N- cold & cloudy- snowed some- near a foot of snow on the ground. Some Keep running- This resembles a New Hampshire winter more than any thing I ever saw in this city.

24 Washington, wind N- fair- cloudy- sleys running- thawed little- froze in the night.

25 Washington Wind N- NW fair & cold- thawed but little when the sun shone- the night very cold.

26, Washington, wind SW- NW- N- fair & cold- thawed some afternoon & evening hazy- night cold- moon filled, eclipsed.

27, Washington, wind SW- N- NE fair most of the day- thawed much- near night hazy- evening cloudy.

afflicted for 3 days with a severe diarrhea, it was preceded by great costiveness.

28, Washington, Wind N- NE forenoon fell 6 inches of snow- afternoon fair & air moderate.

Last evening took 35 drops of laudanum- rested well in the night- this forenoon my diarrhea was severe- afternoon no stool- took no medicine- slept well.

29, Washington, Wind N- NW- fair & pleasant- thawed considerable- froze in the night.

Felt little pain, but heavy, sluggish & sleepy- unfit to read or write- little appetite- slept well.

30, Washington, wind N- NE- cloudy- thawed much.

Heavy & sluggish.

31, Washington, Wind N- NE cloudy- in the morning fell a quarter of an inch of snow- thawed considerable- night cold.

February.

1, Washington, Wind S- SW- fair- hazy- thawed both day & night.

2 Washington, wind S- SW- N- NW- fair & cloudy

alternately- thawed considerable- ground bare in the path- streets muddy- froze hard in the night.

3 Washington, wind S- SW- N- NW- fair- thawed consi=derable- froze in the night.

For two days have been very costive.

4 Washington, wind S- SW- fair- hazy- thawed- froze in the night.

5 Washington, wind N- NW fair & pleasant- thawed none in the shade- froze in the night.

6 Washington, Wind S- SW- fair, pleasant- thawed considerable- froze in the night.

7, Washington Wind S- SW- hazy- thawed much- froze none in the night.

8 Washington Wind S- SW- SE- cloudy- thawed much- rain in the evening- fogg in the night- no frost.

9 Washington, Wind S- SW- fogg in the morning- rest of the day wind NW- fair & cooler- most of the snow gone- froze in the night.

10 Washington wind NW- fair thawed some- froze in night.

11 Washington, wind S- SW- fair, mild- thawed consider=able- froze in the night- Moon changed- sun eclipsed, but invisible.

12 Washington, wind E- NE- SE- S- fair & mild- but little snow to be seen- froze none in the night.

13 Washington Wind S- SW- fair, hazy, mild & pleasant thawed considerable- air as mild as April- no frost in the night.

14 Washington, Wind N- NW- fair, mild- no frost at night.

15 Washington, Wind, NE- fair, hazy- moderate- froze some in the night.

16 Washington Wind S- SW- fair, mild- moderate rain in the night- no frost.

17, Washington, Wind from every point, morning foggy- cloudy- rain- day fair & pleasant- roads muddy- Night wind NW- froze little.

18, Washington, wind S- SW- fair, mild- moon quartered.

19, Washington, Wind S- SW- fair, warm- mild as New Hampshire April- a small shower in the evening- froze none in the night.

20, Washington Wind N- NW- fair, mild & pleasant- pidgeons flying- white frost in the night.

21 Washington & Georgetown, Wind S- SW fair, mild & pleasant- frost in the night.

22 Washington, Wind N- NW- fair- cloudy- mild- froze a little in the night.

23 Washington, wind NE- N- cloudy- fell more than an inch of snow- cold & high winds- froze in the night.

24, Washington, Wind NW & high- fair & cold- thawed little- froze in the shade, & very hard in the night.

25, Washington, Wind NW- W- fair- cool- Moon fulled.

26 Washington, Wind NW- W & high- roads dusty- cool, fair & pleasant- froze in the night.

27, Washington, Wind W- SW- fair- hazy- mild- froze none in the night.

28 Washington, Wind E- NE cloudy most of the day-

February 1804.

forenoon rain & a little snow - afternoon fair - froze very little in the night.

29. Washington, Wind E - NE - N - NW - fair - hazy - mild - moderate.

March.

1 Washington, Wind E - NE - N - forenoon snow, but thawed near as fast as it fell - afternoon rain - in the night it froze, & there fell more than an inch of snow.

2. Washington, Wind N - NW & high air sharp & cold - thawed little - froze hard in the night.

3 Washington, Wind NW & high - blustering very cold - froze hard in the night.

4. Washington, Wind NW - high, blustering, cold - froze all the day & very hard in the night - moon quartered

5 Washington Wind NW - W - fair - cool, but thawed a little - pigeons flying - froze in the night.

6 Washington, Wind E & NE hazy & cloudy all day - thawed this a chilly air - froze in the night.

7 Washington, Wind N - NW - Rainy most of the day - chilly - thawed but little - froze in the night.

8 Washington, Wind N - NW & high - air chilly - thawed but little, & froze but little in the night.

9 Washington, Wind N - NW - in the morning fell an inch of snow - soon dispersed - cloudy & hazy chilly - thawed - froze none in the night.

10 Washington Wind NW fair, mild & pleasant - thawed considerable - froze little in the night.

March 1804

11 Washington, Wind SW - W - NW - fair, mild and pleasant - froze little in the night - moon changed.

12, Washington, Wind SE - & SW - morning fair & pleasant - evening moderate rain & little snow.

13 Washington, Wind NE - N - cloudy moderate rain - not cold - froze none in the night.

14. Washington, In morning S.W. fair & mild - day wind N - NW - fair, cooler - froze same in the night.

15 Washington, same as yesterday.

16 Washington, Wind S - SW - S - SE - fair & mild - froze none.

17 Washington, Wind SW - fair, hazy - air chilly - froze little in the night - saw blackbirds.

18 Washington, Wind N high & cold - roads filled with dust flying like snow in a storm - froze hard in the night - moon quartered.

19 Washington, Wind NW fair & cold - roads dusty - froze in the night - blackbirds appear.

20 Washington, Wind SW - SE - fair, mild & very pleasant - saw some people digging their gardens - froze none.

21 Washington, Wind S - SW - fair & cloudy alternately - wind high, air fine & soft - warm.

22 Washington, Wind S - SW - W - NW morning fair - day cloudy - air mild.

23 Washington, Wind N - NW - fair, cloudy, cooler.

24. Washington, Wind W - NW - fair, cloudy - mild.

25. Washington, Wind E - SE fair, hazy - mild

26 Washington, Wind S - SW - fair - mild - Moon fulled.

27, Washington to Spurrier's, Wind SE - S - hazy - mild

March 1804.

-saw ilver two inches high - people plowing night cloudy.

28. Spurrier's to Chesepeake Bay by water, Wind W & - & high - a great fall of rain.

29. Chesapeake Bay through French town & Newcastle, & from thence by water to nearly opposite to Marcus Hook, Wind S & - & - & high - day cloudy - night much rain thunder & lightning - Rode at anchor all the night.

30. Marcus Hook thro River Delaware to Philadelphia, Wind N - N & - & high - cloudy - rain - cold - sea ran high - found some of the shipping at the wharves in the city, by the violence of the wind, broke from their fastenings & much injured - fallad in plenty in the market - froze some in the night.

31. Philadelphia to Trenton, Wind NW - fair, cold for the season - froze hard in the night.

April.

1. Trenton to Newark, wind N - NW - fair & cool - saw many robins, blackbirds, & larks - peas up in the gardens - froze hard in the night.

2. Newark to New York, Wind N - NW - fair but cold - sallads on the table - froze in the night.

3 New York by water in the Sound 40 miles, Wind NW & high, fair - cool. A sudden gust of wind broke our main mast & threw all our rigging into the water & prevented our proceeding.

4 On the Sound opposite to Huntington, Wind E - S & - hazy, cold - In the night wind N & & high - cold rain - lie at anchor in the Sound exposed to a high sea - uncomfortable.

April 1804

5 On the Sound, Wind E - S & - & high - cloudy & fair alternately - a turbulent - night wind N & E & stray - the sea ran high.

6, In the morning arrived at New Haven, wind N & high - sea broken. at New Haven saw a few banks of snow. Rode to Saybrook stage broke down, Wind N & cold & a great fall of rain - saw little vegetation.

7. Saybrook to Preston, Wind N - N & cloudy - litterain - saw some banks of snow more than a foot deep - people plowing - saw one man sowing wheat.

8, Preston to Providence, Wind N - NW - cloudy most of the day - cool - saw many banks of snow under the fences, & in one instance was obliged to turn out of the main path to avoid a bank of snow.

9, Providence to Boston, Wind NW - W - SW - pleasant but cool for the season - considerable banks of snow - froze a little in the night.

10, Boston to Exeter, Wind E - N & - cloudy & considerable rain. Saw banks of snow between Boston & Salem three feet deep; much more snow at Exeter than Boston.

11 Exeter to Epping, Wind N - N & - cloudy - cool - litterain. Martins appear.

12 Wind NW & high, fair & cloudy alternately - cool - Saw some banks of snow more than two feet deep.

13, Wind NW & high - fair - cool for the season.

14. Ditto.

15 Wind W. fair - mild.

16, Wind W - fair - cloudy - moderate - Moon quartered.

17, Wind S. rain most of the day - evening distant thund &c.

18. Wind N.W. fair & cool. saw some banks of snow two feet deep. froze in the night.

19. Wind N. NW fair, but cool. froze in the night.

20. Wind NW fair, pleasant but cool.

21. Wind W. SW fair. hazy. mild. night cloudy.

22. Wind E. SE & stormy. an uncommon fall of rain. night wind NE much rain.

23 Wind E. NE. N. cold. rained all day & night.

24 Wind NE. N. cold. showers. Moon fulled.

25 Wind NE. N. cool. cloudy. showers most of the day.

26. Wind N. NW. SW. cloudy. cool. showers most of the day.

27. Wind N. NE. cloudy. showers. a little warmer.

28. Wind W. SW forenoon fair, warm. afternoon cloudy. evening showers.

29. Wind SW. S. cloudy. much rain.

30. Wind NW. fair, but cool. a little snow to be seen in banks in the woods. frost in the night.

May.

1. Wind S. SE. forenoon fair. afternoon cloudy. air damp & chilly.

2. Epping to Newmarket. Wind W. NW. fair. cool.

3 Newmarket to Portsmouth. Wind W. SW. fair. mild. little rain in the evening. Moon quartered.

4. Wind W. SW. S. fair, hazy & very warm. roads dusty.

5. Wind SW. S. forenoon fair & warm. afternoon & evening hazy & cloudy.

6. Wind SE. E. cloudy, mild, but a great fall of rain.

7. Wind W. morning cloudy. day fair & warm.

8. Wind SW fair & very warm. the thermometer at Exeter

was at 80. was obliged to wear a gown. night was as warm as summer.

9. Wind E. SE. hazy, cloudy. moon changed.

10. Epping to Exeter. Wind S. SE. fair & cloudy alternately. a little rain. night cloudy. cool. Blossoms on peach & cherry trees.

11. Wind E. NE cloudy. cool.

12. Wind E. SE. S. fair, pleasant but cool. in the evening light in the north.

Blossoms begin to appear on the apple trees.

13. Wind Wind W. SW. fair, warm. morning & evening cool.

14. Wind W. SW. fair. warm. afternoon cloudy, cool. night wind E & cold rain.

15 Wind from every point, but principally NE. N. NW. morning cloudy. little rain. day fair & cool.

16. Epping by Exeter to Portsmouth. Wind S. SE. cloudy. afternoon & evening rain. Moon quartered.

17. Portsmouth to Epping. Wind SW. W. morning cloudy. day fair but cool.

18 Wind NW & brisk. fair, pleasant, but cold for the season.

Sowed my pease & oats. the wetness of my land not admitting of it sooner.

19. Wind W. SW. S. fair, warm & pleasant.

20. Wind S. SW. hazy. warm.

21 Wind S. SW very warm. forenoon fair, afternoon cloudy, little rain, distant thunder & lightning in the N. NW evening a considerable fall of rain.

Planted my indian corn.

22, Wind NW in the forenoon-fair, cool & pleasant. -afternoon wind SW warm & cloudy-night showers, & distant thunder.

23, Wind NW fair, warm & pleasant-evening cool.

24, Wind NW, forenoon fair, afternoon cloudy-cool for the season-Moon fulled.

25, Wind W-SW & fair, mild-pleasant-rain in evening.

26, Wind S & E-fair-cloudy-warm.

27, Wind S & E-fair-cloudy-warm-evening light in the north.

28, Wind E-SE-fair most of the day-cool-showers in night.

29, Wind E-SE-morning foggy-day fair-heavy-middle warm, morning & evening cool.

30, Wind S-SW fair & warm.

The new Congregational meeting house built by that Society in Epping was dedicated, a numerous concourse of people peaceably attended.

31, Wind S-SW-cloudy most of the day-warm-as much rain as a dew.

June.

1, Wind SE-E-morning, evening & most of the day cloudy-warm-air damp-night cool-Moon quartered.

2, Wind NE-cloudy-cool-afternoon a cold storm of rain.

3, Wind NE cloudy cool.

4 Wind SW-S-SE-morning foggy-day cloudy-warm

afternoon showers, much thunder & rain with some hail-evening cool & pleasant.

5, Epping to Concord, Wind NW-fair-cool.

6, Concord, Wind NW morning cloudy & little rain-day fair & warm.

7, Concord, Wind NW fair but cool-Moon changed.

8, Concord to Epsom, Wind S-SW fair-evening cool.

9, Epsom to Epping, Wind NW-W-SW fair-cloudy-warm.

10, Wind SW-fair & very warm-night distant lightning.

11, Wind SW-W-NW-fair-not so warm as yesterday.

12 Epping to New market, Wind NW forenoon fair & cool-afternoon wind SW-S-cloudy-chilly-little rain.

13, Wind NW-fair, cool & pleasant.

14, Wind NW-W-SW-fair-cloudy-warm-Moon quartered.

15, Wind W-SW-S-fair-evening cool.

16, Wind SW-Ditto.

17, Wind SW-W-fair & warm-near night small shower with distant thunder-night showers & warm.

18, Wind NW-W-SW-fair & very warm-afternoon wind SW-S-SE-E cloudy, showers & thunder.

19 Epping to Hampton Falls & Exeter, Wind NE-cloudy-cool-forenoon rain.

20 Exeter to Epping, Wind NE-cloudy-cool.

21, Wind NE cold, moderate rain-increased in the night.

22, Wind NE-cold, cloudy-showers.

June 1804

23, Wind N & E-S & cloudy most of the day warm- moon filled early in the morning.

24, Wind S & E- E- N & E- morning fair- day cloudy- a great fall of rain- warm & cool alternately.

25, Wind S- SW- S & E- fair & cloudy alternately- not warm - evening cool.

26, Wind S & E- S- cloudy- showers- little thunder- cool.

27, Wind from all points- fair- cloudy- much rain - distant thunder- air moderate.

28, Wind NW & high- fair & very cool.

29, Wind W- NW- N- forenoon much rain- afternoon fair & cool.

30, Wind NW- N- fair, cloudy, cool- moon quartered.

July.

1, Wind S-SW- cloudy- little rain- night fair, cool.

2, Epping via Exeter to Portsmouth, Wind W- SW- S- fair & warm- afternoon showers- evening cool.
Saw people haying.

3, Epping to Concord, Wind W- SW- fair & warm.

4, Concord to Epping, Wind W- SW fair, warm- evening cloudy.

5, Wind W- NW- fair & warm.

6, Wind W- SW fair, warm- evening hazy & cool.

7, Epping & Exeter, Wind SW- fair warm- much lightning & little thunder in the evening at a distance.

8, Wind NW & high- fair- cool- night cold.

July 1804

9, Wind SW- fair & very warm- evening cloudy- in the night thunder, lightning & little rain.

10, Wind S- SW- W- NW- fair- cloudy- very warm.

11, Wind SW- fair- cooler.

12, Wind SW- NW- forenoon cloudy & a little rain- afternoon fair- night cool.

13, Epping to Portsmouth & Exeter, Wind NW & high fair- night cool.

14, Exeter to Epping Wind NW- W- fair & cool- night cloudy- Moon quartered.

15, Wind SW- S- S & E- E- N & E- cloudy & a considerable fall of rain- cool.

16, Wind SW- W- NW- morning cloudy- day fair- a little distant thunder in the north- evening cloudy.

17, Wind NW & high- fair & very cold for the season.

18, Wind NW- Do

19, Wind NW- W- SW- S- S & E forenoon fair- afternoon & night rain- warmer than yesterday.

20, Wind N & E- E- S & E- S- SW- W- NW- forenoon rain- afternoon showers- evening fair & remarkably cold for the season- had fire in my sitting room.

21, Wind NW- fair & cold- fire necessary in my parlour.

22, Wind SW- S- cloudy- cool- evening & night rain.

23, Wind NW & high- fair- very cold- sun & moon appear red.

July 1804.

24, Epping to Portsmouth, Wind NW- W- SW- fair & warmer.

25, Wind W- SW- S- morning foggy- day fair & warm.

26, Wind SW- morning foggy- day fair- thunder in the south- evening wind NW- & cool.

27, Wind NW & high- fair & cool- good hay weather.

28, Wind SW- W- fair, warm & pleasant.

29, Epping to Newmarket, Wind SW- W- fair & very warm- Moon quartered.

30, Wind SW- very early in the morning a thunder shower with sharp lightning- day fair & very warm- evening a shower, much lightning & some thunder-

31, Epping to Portsmouth, Wind SW- forenoon warm- afternoon showers, some thunder- cooler.

August.

1, Portsmouth by Exeter to Epping, Wind NW fair, cool.

2, Wind NW & high- fair & cool.

3, Epping & Nottingham, Wind SW- S- cloudy.

4, Morning wind SW cloudy, shewers, warm - afternoon wind NW, fair & cool- evening, little distant lightning.

5, Wind NW- W- SW- S- fair- morning warm- afternoon cool.

December 1804.

Note, Farenheit's thermometer hangs in the shade in Capt Cayler's entry, at the city of Washington, about 40 feet from an outer door. The entry fronts the east.

When the Mercury stands at

32, it freezing.
55, temperate.
75 summer heat.
98 blood heat.
102 fever heat.

The times at which I noted the state of the thermometer till the 14th of this month were 10 Oclock am & 3 Oclock PM- after that time I also noted it at sunrise or a little after. The first figures after the day of the months till Dec 14 is the state of the Mercury at 10, the 2d at 3 Oclock; but after that day the 1st is at sunrise, 2d 10 Oclock am, & 3d at 3 Oclock PM.

The 30th of November at 3 Oclock PM the mercury stood at 70.

1, Washington, 58, 48, wind WNW- high- fair, hazy cloudy.

2, Washington 50, 49, wind W- NW- fair.

3, Washington, 44, 48, Wind SW- S&- cloudy, afternoon snow- evening fair

4 Washington, 45, 46, Wind W- SW- W- NW- N- in the morning the distant hills were covered with snow- cloudy

5 Washington 48, 48 Wind N- NW- fair- cloudy.

Decr 1804.

6, Washington, 44, 50, Wind W-SW, W, NW, fair.

7, Washington, 49, 51. Wind S-SW-cloudy most of the day-small rain in the evening.

8, Washington, 45, 42, wind N, NW, fair-froze in the night ice half an inch thick in the fields.

9, Washington, 34, 38, Wind N-NE fair-The ice that was formed the last night, & was all this day exposed to the sun, was not all dissolved-froze in the shade. In the night wind NW & high.

10, Washington 40, 39, Wind NW-fair-moon quartered.

11, Washington, 35, 40, wind NW-W, SW-cloudy-in the night there fell the 16th part of an inch of snow.

12, Washington, 40, 40, wind NW, W, SW, cloudy-at the evening some snow remained.

13, Washington, 37, 32, wind NW-N-NE, cloudy.

14, Washington, 30, 36, 31, cloudy-fell one inch of snow.

15, Washington, 38, 38, 41, Wind N, NE, cloudy-foggy-some rain-the snow & ice not all gone.

16, Washington, 45, 43, 42, Wind NW & high-snow all gone-fair-moon fulled.

17, Washington, 35, 37, 37, Wind NW & high-fair.

18, Washington, 32, 31, 37 wind NW-W, hazy-saw ice near 4 inches thick.

Note the initials state the course of the Wind.

19, Washington, 32, 28, 36, NW-N-fair-hazy. The Potomac is frozen over.

Decr 1804.

20, Washington, 29, 25, 35, N-NE fair.

21, Washington, 31, 33, 36, N-NE-cloudy.

22, Washington, 31, 34, 42, N, NE-fair.

23, Washington, 37, 38, 42, N, NE, cloudy-in the night fell 2 inches of snow-Moon quartered.

24, Washington, 38, 39, 40, cloudy-in the night fell an inch of snow.

25, Washington, 39, 39, 40, cloudy.

26, Washington 33, 36, 39, cloudy-afternoon fell an inch of snow-some rain-night rainy.

27, Washington, 42, 43, 45, S, SW, W, NW-morning snow & rain-day fair-snow gone.

28, Washington, 41, 41, 46, S-SW, fair-in the night a great fall of rain.

29, Washington, 46, 44, 45, cloudy-morning & evening rain-night NW & high.

30, Washington, 40, 44, 43, NW & high-cloudy.

31, Washington, 39, 40, 39, NW-W fair-new moon.

1805 January.

1, Washington, 36, 36, 37, SW-W-N, NE-cloudy-in the evening & night fell 10 inches of snow.

2, Washington, 36, 34, 33 NW-fair.

3, Washington, 30, 34, 40, SW-S-fair forenoon, cloudy afternoon, fair evening-NW, & high.

4 Washington, 31, 27, 26, NW-fair.

5, Washington, 24, 29, 39, S-SW-fair-night NW & high.

January 1805.

6 Washington, 24, 25, 34, NW- fair.

7, Washington, 25, 31, 33, S- cloudy rain- froze none in the night- moon quartered.

8, Washington, 35, 31, 35- SW- cloudy.

9, Washington, 38, 35, 41. S, SW- foggy- cloudy, little rain. night raing.

10 Washington, 43, 39, 39. S, S&, E, N&, cloudy, rain, hail & snow- fell 3 inches of snow.

11 Washington, 34, 32, 31, NW- fair. The snow & hail that fell last night lay this morning 3 inches deep & hard enough to bear a horse- the sun has made little impression upon it.

12, Washington, 27, 24, 30, NW- fair.

13, Washington, 33, 36, 38, SW- cloudy forenoon, fair afternoon- night NW & high.

14, Washington, 31, 30, 28, NW- fair- thawed none- slippery. In the night fell 2 inches of snow.

15, Washington, 27, 29, 30, E- cloudy- moon fulled & totally eclipsed.

16 Washington, 30, 32, 35, SW- hazy.

17, Washington, 37, 39, 48 SW- fair- road very wet.

18 Washington, 44, 44, 42, E, N&, N, NW- cloudy, rain most of the day- night fair, NW & high.

19, Washington, 32, 31, 32, NW- fair.

20, Washington, 31, 34, 33, SW- cloudy & little snow- In the night N- N& fell 5 inches of snow.

21, Washington 30, 29, 28, NW, & high- snow blew much -fair- cloudy.

22, Washington, 22, 24, 28, NW- thawed none in the forenoon quartered.

23 Washington, 24, 25, 33, SW- fair.

24 Washington, 34, 39, 45, SW- morning fair, afternoon cloudy- night raing.

25 Washington, 46, 49, 53, S- SW- cloudy- foggy- little rain- fair for two hours- roads muddy- saw a robbin & hear her sing.

26, Washington, 44, 44, 43, S- S&- W- N- fair in morning cloudy- little rain in the evening- snow in the night.

27 Washington, 42, 40, 40, N- N&- snowed all day- this day & the last night fell 4 inches of snow more than what dissolved.

28, Washington, 37, 35, 38, W- NW- fair.

29 Washington, 38, 40, 39, NW- fair- cloudy.

30 Washington, 37, 39, 42, NW- fair- new moon

31, Washington, 32, 35, 44. SW- cloudy.

February.

1 Washington, 42, 46, 45, SW- NW fair- most of the ground bare- night NW & high.

2 Washington, 38, 39, 44, NW- fair.

3 Washington, 34, 32, 31 NW & high- fair.

4 Washington, 28, 26, 27, NW- fair- cloudy- thawed none.

5 Washington, 27, 29, 35, W- SW- fair.

wind E- rain.

February 1805.

6 Washington, 33, 35, 39, W. SW. cloudy. evening snow. night much rain. moon quartered.

7 Washington, 38, 41, 44, E, SE. cloudy. forenoon rain. road very muddy.

8 Washington, 42, 44, 43, W. NW. fair, cloudy. night NW & brisk.

9 Washington, 38, 41, 44. W. fair.

10 Washington, 41, 44, 49, W. SW, fair. hazy. soft air.

11 Washington, 46, 48, 54 SW. hazy. froze some in the night.

12 Washington, 53, 52, 50. SW. fair.

13, Washington, 45, 47, 52 S. SE. E, fair, hazy. cloudy. showers. moon full.

14 Washington, 54, 55, 49, E. SE. SW. NW. forenoon cloudy, rain. afternoon fair. night NW & high.

15 Washington, 44, 44, 40, NW & high. fair. night cold.

16 Washington, 33, 32, 37 NW & high. fair. cloudy.

17 Washington, 33, 36, 37, NW & high. fair.

18 Washington, 33, 36, 38 NW. fair.

19 Washington, 38, 41, 45 SW. hazy. cloudy. evening a little rain. Saw & heard blue birds.

20 Washington, 44, 42, 44 SE. E. NE. cloudy. some rain.

21 Washington, 43, 44, 51. N. fair. moon quartered.

22 Washington, 43, 48, 47. N. fair.

23 Washington, 44, 46, 55, S, SW. fair, hazy, cloudy.

24 Washington, 49, 51, 54. S. N. cloudy.

February 1805

25 Washington, 50, 47, 51. W. fair.

26 Washington, 49, 51, 52, W. fair.

27 Washington, 42, 46, 50 E. NE. cloudy. moderate rain.

28 Washington, 43, 46, 47 E. NE. cloudy, little rain. new moon.

March

1, Washington, 46, 46, 50, W. fair, cloudy.

2 Washington, 48, 49, 55. fair.

3 Washington, 51, 55, 55 N. fair

4. at 11 Oclock am left Washington & 3 Oclock PM

on the 5th arived at Baltimore. saw little snow.

6. Arived at Philadelphia. thunder & lightning.

9. Arived at New York at 9 Oclock, AM, & two hours after took the stage. found much snow in the roads in New Jersey.

11. Arived at New Haven. visited Abrahams Bishop Esq in the evening.

12, at New London.

13, at Providence.

14 at Boston.

15 at Epping.

wind E. rain.

29th Wind E. rainy.
30. Wind W- NW. fair, cloudy, cool.
31. Wind W- NW- some rain & distant thunder- fair most of the day.
June 1. Wind NW & high, cloudy, cold, a fine new[illegible] all day- Moon quartered in the evening.
2. Wind NW- W- fair & pleasant
3. Wind NW, fair, warm. Corn comes up slowly, some people are yet planting.
4. Wind NW- W- SW- S- SE, fair & warm.
5. Wind SW- W- NW- fair & very warm.
6. Wind W- NW, at 5 Oclock A.M. a rainbow in the W. fair, the heat oppressive- in the even. thunder, lightning & rain.
7. Wind E- NE- SE, cloudy, cool- afternoon little rain.
8. Kingston, wind NW- W- SW- S- fair & cool moon full 10 h. 50 m. A.M.
9. Wind NW- W- SW- fair, pleasant & moderate.
10. Wind SW, gentle breezes but warm.
11. Wind SW & brisk, fair & warm- in the even. lightning in the NW.
12. Wind SW- N- NW- SE- a great rain- evening cool.
13. Wind SE- SW- rain early in the morning- day fair & cloudy alternately- evening cool- great dew.
14. Wind SE- S- SW- fair, morning & evening cool.
15. Newmarket, wind NW- W- SW- fair & warm- moon quartered afternoon- great dew in the night.
16. Wind SE- SW- foggy till 10 A.M. then fair & warm.
17. Wind SE. fair & cloudy alternately- warm- evening wind E- rain.

18. Wind NE & high - cold & a great rain.

19. Wind NE - N - morning little rain - cloudy half the day - cold - fire & winter clothes necessary - evening northern lights.

20. Wind E - SE - forenoon cloudy, afternoon fair - cool - evening small northern lights - frost killed vines.

21. Wind SE - morning till 9. foggy & cold so that fire was necessary - day fair & very warm.

22. Wind SW. morning foggy, day fair & warm - evening distant lightning.

23. Wind SW - SE - morning foggy - most of the day fair & very warm - distant thunder in the evening.

24. Wind SE - E - NE - forenoon a great fall of rain - early in the morning some thunder - afternoon fair & cloudy alternately - evening foggy - lightning.

25. Wind NW - fair, moderately warm.

26. Wind NW. very early in the morning a very slight shock of an earthquake - fair & cool.

27. Wind SW - W - NW - E - day fair & heat great - at noon some thunder - In the evening much rain, & much distant thunder & lightning - the wind N & blew a gale, at Exeter it blew down trees, at Salisbury & Newbury barns, houses & a meeting house, & even ripped up & blew away planks that were spiked on Essex bridge; 30 miles N.W the hail was large.

28. Epping, Brentwood, Exeter & Hampton Falls; wind NW - E - NE - fair part of the day - much rain.

& some thunder & lightning.

29. Wind NW - W - fair & cool - a little lightning in the evening in the east.

30. Wind W - SW - fair & warm; in the evening much thunder & lightning but no rain.

July.

1. Epping, Newmarket, Stratham, Greenland & Portsmouth, wind S.W. fair, thermometer in the shade at 91½, just before sunset, wind NW & very high indeed & cloudy - moon quartered.

2. Wind E - NE - cool & cloudy - night distant lightning & little rain.

3. Wind E - NE - little rain in the morning, cool, cloudy.

4. Wind E - SE, cloudy, some rain, evening fair.

5. Wind NW, cool, fair - rain in the night.

6. Wind E - N - fair & cool.

7. Wind E - N. fair, morning & evening cool - great dew - moon fulled at evening.

8. Wind ~~NE. cold & a very great fall of rain~~ morning foggy, day fair cool - evening cloudy.

9 Wind NE. cold & a very great fall of rain.

10 Wind E - SE - cloudy most of the day - warm in the night a great fall of rain.

11. Wind S - SW - cloudy & very rainy most of the day - evening fair.

12 Epping & Exeter, wind SW - fair - cloudy, warm - a shower in the night.

13. Wind E - SE - S - a little rain early in the morning - some lightning in the south in the evening.

July 1808.

14. Wind E- S- SW- fair, warm- small northern light- in the evening.
15, Wind S.S W- fair- moon quartered.
16. Wind SW- fair & very warm- In evening lightning & northern lights.
17, Wind SW- W- NW- heat great & oppressive- thermometer at noon at 101 in the shade- afternoon much thunder & some lightning & little rain.
18, Wind NW- high, fair & cold for the season: night cloudy-
19. Wind NW- fair & hazy alternately- very cold for the season.
20, Wind NW- W- fair & warm- evening cold.
21. Wind NW- W- SW- fair most of the day- cloudy the rest- warm.
22. Wind W- SW- a little rain in the morning- cloudy more than half of the day- warm- in the evening lightning in the north.
23. Wind E- NE. morning foggy- forenoon cloudy & fair alternately- moon changed in the morning- air hot- afternoon thunder in the north- gentle rain.
24. Sunday. wind E- rain in the morning- fair & cloudy alternately rest of the day- cool.
25. Wind S E- S- cloudy & foggy rest of the day.
26. Wind S E. cloudy & foggy all day- showers.
27. Wind N- NW- S E- morning foggy & cloudy, day fair & warm.
28. Wind NW- W. fair.
29 Wind S W- S E- cloudy most of the day- rained all the night.

July 1808.

30, Wind N E & high with a great fall of rain in the forenoon- fell 4 inches of water- afternoon wind NW- no rain but cloudy most of the time- foggy in the evening- Moon quartered in the morning.
31, Wind W- S W- cloudy part of the day- a considerable shower- day & evening cool.

August

1. Wind N W- W- fair & cloudy- but not so much rain as a dew- evening cool.
2, Wind N W- W- S W. fair & warm.
3, Wind W- S W- S- fair & warm.
4. Wind S W- W- N W. fair & warm till 4 P M. then a thunder shower with lightning & one strong gust of wind N W- rained near 1 hour then fair & warm, wind S W.
5, Wind W- N W- N E. morning warm- cloudy most of the day, cold & some rain.- For a short time wind was high.
6. Wind N N E- E- S E. fair & cool- moon full in the morning.
7 Wind S- S W- fair, damp, cool.
8. Wind in the morning S W- & a considerable rain- rest of the day wind N W- high fair & cool.
9 Epping Plain wood & Exeter wind W. fair.
10. Exeter wind N E- N- N W- fair- moderate, warm
11, Exeter, wind W- fair & warm.

rain in the evening- frost in the night- thunder & rain together.

12, Exeter wind W- SE- fair & warm- evening cool.

13. Exeter & Epping wind S- SE- fair part of the day rendue cloudy.

14 Wind S- SW- W- NW- cloudy, as much rain as a dew- evening cool- moon quartered in the morning.

15 Epping, Brintwood & Exeter, wind NW- fair & cool- evening cold- frost.

16 Exeter wind W- NW- fair but cool- a considerable frost in the night- It entirely killed much corn in some towns north of this.

17. Exeter, Brintwood & Epping, wind N- NE- E- SE. S. fair but cool.

18, Wind E- SE- S- SW- hazy, cloudy & fair alternately- warm.

19, Wind NE- cloudy cold- as much rain as a dew- night fair- great dew.

20, Wind NE- E- fair & cloudy alternately- cold.

21. Wind E- morning foggy, fair & cool. Newmoon at evening- wind then W.

22, Wind N.W. fair & cool.

23, Wind W. fair & cool- evening warm.

24, Wind W- fair & warm. Crops of hay great.

25, ~~Epping, Brintwood~~ & Exeter, wind W- SW, fair & very hot weather- ground dry & roads dusty.

26, Wind S- SW- W- NW. morning foggy & cloudy- day fair & warm- evening cool.

27. Epping & Newmarket, wind NW & high- fair & cool- evening cold- rode in winters clothes.

the night.

28, Wind W- NW- fair & cool- evening cloudy- moon quartered in the morning.

29. Wind W- NW- fair & cool- great dew in the night.

30, Wind W- NW, fair & cool- dust in the road trouble- same to travellers- pastures failing for want of rain.

31. Wind NW & high- cool.

September.

1, Wind W- NW- fair & warm.

2, Wind W- NW- fair warm.

3 Wind W- NW fair & very warm.

4, Wind SW- cloudy most of the day & very warm- afternoon a very considerable shower, with distant thunder- Moon fulled in the evening.

5, Wind SW- morning foggy & cloudy- day fair & very warm.

6, Epping, Nottingham, Deerfield & Epsom, wind S- SW- forenoon fair & warm- afternoon cloudy- in two hours there fell much rain, attended with thunder & lightning.

7 Epsom, Chichester Louden & Canterbury, wind NW- fair & pleasant- cooler.

8 Epsom wind NW. fair & pleasant, evening cold.

9 Epsom wind NW- W- SW- S. E.E. fair day warm but morning evening cool- morning foggy.

10. Epsom wind NW- N- NE. morning foggy- day fair & warm- evening cool.

rain in the evening- frost in the night- moon fo together.

Sept 1808

11. Epsom, Deersfield, Nottingham & Epping, wind NW & warm morning foggy- day fair & warm.

12, Wind E. NE. cloudy & cold- moon quartered in the evening. Began to cut stalks.

13, Wind W NW. fair and pleasant- morning and evening cool.

14 Wind NW- fair & pleasant.

15 Epping & Nottingham wind NW fair very warm.

16, Epping, Brintwood, Exeter & Hampton Falls, wind NE- E- SE. cloudy, cool, & a very little rain.

17, Forenoon wind S- SW. cloudy & very warm afternoon wind W- NW. fair & cooler evening warm. Began to dig potatoes.

18, Wind SW- W- fair & warm- in the evening a little very distant lightning.

19, Wind SW- SW & very warm- evening much lightning, some thunder, very little rain but warm

20, Epping, Newmarket, Strattham Greenland and Portsmouth, forenoon wind SW- S- SE- warm and great shower, much thunder & some lightning- afternoon & night wind ENE & cold a very great fall of rain. Moon changed in the morning.

21. Wind NW & high- cold- fire necessary- forenoon cloudy- afternoon fair- frost in the night.

22 Wind W- NW. fair

23 Epping, Brintwood Exeter wind SW- S. fair & pleasant.

nights.

Sept 1808

24, Epping, Poplin, Brintwood, Kingston, Plaistow and Atkinson wind SW- S- SE. morning foggy forenoon fair- afternoon cloudy.

25, Wind, SE- S- SW- W- NW. cloudy & warm- moderate rain at evening wind NW & high with much rain.

26 Wind NW- fair & cloudy alternately- cool moon quartered- froze hard in the night.

27, Epping, Brintwood & Exeter, wind NW- cloudy half the day & very cold- frost in the night.

28, Wind NW- W- SW- fair & cloudy alternately- mild.

29, Wind SW- S- cloudy most of the day- a little moderate rain- air mild- evening foggy.

30, Wind SW & very warm for the season- forenoon foggy & cloudy- afternoon fair.

October

1 Wind S- SW- warm- morning foggy- most of the day cloudy.

2, Wind S- SW- warm, foggy & cloudy most of the day a little rain- near night wind NW & cool.

3 Wind N- NE- fair, pleasant but cool.

4, Epping, Newmarket, Strattham Greenland & Portsmouth, wind NE- cloudy most of the day- cool- evening a little rain- moon pulled.

5 Newmarket & Epping, Wind N- NE- E- S- E- S. cloudy a little moderate rain- warm.

6, Wind N NW- cloudy, cool, & considerable rain in the night.

7, Wind NW- fair & cloudy alternately- a little rain in the evening- frost in the night- Moon & Stars together.

October 1808

8, Wind N W-N- fair & cool.

9, Wind NW- W- SW- S- SE- E- fair most of the day- cloudy rest- air mild.

10, Wind SW- S- SE- cloudy, warm & moderate rain most of the day- evening fair.

11, Wind S- SE- morning cloudy- foggy- day fair & warm.

12, Wind SW- S- SE foggy & cloudy most of the day- a little rain- in the night rain- air warm. Moon quartered in the evening.

13, Forenoon wind S- SW- cloudy & a heavy fall of rain- warm- afternoon wind NW & high- cool- frost in night.

14, Wind SW- S- SE- fair & warm for the season large frost in the night.

15 Wind NW- fair & cool.

16, Wind NE- E- SE- cloudy- warm- a very little rain in the night.

17, Wind NE- S- cloudy all day- warm- a very little rain- a considerable shower in the night.

18, Epping to Atkinson, Wind NW fair & cold- froze an eight of an inch in the night.

19, Wind N- NE- E- SE. fair but so cool as that it froze some all the day in the North side of buildings- evening warmer- moon changed in the evening. Sun eclipsed but invisible.

20, Wind E- SE- cloudy most of the day- mild weather.

21 Wind N- NE- E- hazy- cool.

22 Wind E- NE- cloudy all day- afternoon & night much rain.

23 Wind SW W- morning foggy- half the day cloudy, rest fair- warm.

24, Wind E- SE- morning cloudy, day fair- cool froze in the night ground.

October 1808

Finished making my cyder, made 14 barrels- cyder sold at Portsmouth @ $3.0, at Newbury Port at $3.50 per barrel. The apple trees last spring blossomed very full, much more so than usual- no frost, a canker worm injured them- but the young apples withered & fell off- & those that remained were small, nutty & dry the same quantity of apples did not produce more than three fourths of the usual quantity of cider; but the cider is good.

25, Wind NE- E- SE. cloudy- forenoon cold afternoon & night mild. Lightning in the west & Northwest.

26 Wind E- SE- S. cloudy all day- warm- night wind NW fair & cold. Moon quartered in the morning.

27, Wind NW- N- fair warm & pleasant- night wind NE rain- some snow.

28, Wind N- NW- forenoon snow fell, in all 7 inches- cold- afternoon fair & thawed some- night froze hard- obliged to feed cattle from the barn. The dampness of the snow broke down many limbs from my Poplar trees & young apple trees & Peach trees, the leaves being on them & green.

29, Wind S- SW- NW- fair & cloudy alternately- a little rain- mild- half the snow gone- froze none in the night.

Same any night or morn this season.

30, Wind NW- fair- cool but thawed some- froze in the night.

31 Wind NW- W- SW- fair & pleasant- thawed in the day but froze in the night- snow chiefly gone.

1. Finished gathering in my potatoes - crop abundant. Farmers too much neglect the raising this valuable root - they are highly useful not only as a good vegetable for the family - but for swine, cattle & horses are cheaper than corn & grain.

Wind W-SW-S- fair & warm - hazy afternoon night cloudy - froze none.

2d Epping to Epsom, wind S-SW- fair & warm - snow gone - thawed all night - frost out of the ground.

3. Epsom to Epping, Early in the morning the moon fulled & totally eclipsed - forenoon wind S-SE- fair & warm - afternoon wind E-NE- hazy, cloudy & cooler.

4 Wind E-NE. morning cloudy - day fair - cold. Wild geese flying in abundance to the South - In the evening heard the sea roar very loud. Moon & 7 stars passed each other.

5 Wind E-NE- fair & mild - froze little in the night. Yesterday finished my Indian corn harvest - It is much more abundant than I expected. Pompions few & small - many unripe those much injured by the frost before they were gathered.

6. Wind W-NW- forenoon fair afternoon cloudy - night high but cloudy.

7. Wind NW fair but cold.

8. Wind Epping to Newmarket S-SW fair & hazy alternately - at noon very dark - a small shower with some distant thunder - after moon & evening fair - weather mild - sun & moon red - froze in the night.

9. Wind S-SW- fair & warm - so hazy & smoky that the sun tho' red ~~it~~ did not pain the eye to behold it - or did ~~the~~ objects it struck afford any shadows. No frost in the night - Distant thunder & lightning.

10. Wind S-SW fair, warm, smoky & hazy - night wind NE, & at sometimes too dark to discern the nearest object - a very little rain.

11. Wind NE- cloudy most of the day - mild - moon quartered in the morning - Wild geese flying into the South.

12 Wind NE cloudy all day - wild geese fly into the South. No frost.

13 Wind SE-E-NE and strong - the day & night dark & there fell an abundance of rain. no frost

14 Wind SW-S-SE-E-NE- forenoon fair and warm - afternoon cloudy - night some rain.

15. Wind NE-N- a cold storm - much rain - some snow - night very dark, but not so cold as the day - rivers & streams very high - mills overflowed.

Began to house my cattle, horses & sheep.

16 Wind SW-W- fair - cloudy - warm for the season - little frost in the night.

The corn stalks in my barn grew so warm that I could not bear my hand in them. I immediately had them turned out & removed - for I was even alarmed lest their very great heat should generate fire & consume my barn & buildings. In three or four hours after the air came to them, they were quite damp.

November 1808.

17. Wind SW W- fair- cloudy- mild- did not freeze in the night- Moon changed, sun eclipsed, but invisible.

Thanksgiving in New Hampshire.

18 Wind W- NW- fair, cloudy- cooler- froze hard in the night.

19, Wind NW- fair, cloudy- mild, but did not thaw so much in the day as it froze the last night.

Finished plowing my grass ground for the next year's planting. I find it much better to plow this kind of ground in autumn; as the Winter frost brakes it, than in the Spring.

20 Wind NE- cloudy- fell half an inch of snow- froze none in the night.

21 Wind NW W- W- SW- fair & cloudy- mild- through the night very moderate rain- no frost.

22 Wind N- NE- E. cloudy & foggy, & misty all the day & both day & night very dark- no frost- considerable rain in the night.

23, Wind W- NW- fair cloudy- mild for the season- froze a little in the night.

24 Wind NW- fair & cold- froze hard in the night & thawed but little in the day- Moon quartered.

25 Epping to Exeter Wind W- NW- N- forenoon fair and pleasant- afternoon & evening cloudy cold- thawed little- froze hard in the night.

26, Wind N- cloudy- very cold- froze hard- road rough.

27 Epping to Epsom Wind NW fair & cold.

28 Epsom to Concord Wind W- cloudy fell 1/2 inch of

snow- evening fair. 40 miles NW to Concord 10 inches snow.

29. Concord Wind SW- foggy- most of the snow gone- muddy- froze none. Moon & Pleiades passed each other.

30 Concord Wind SW foggy- warm- misty.

December.

1 Concord to Epping. Wind N- NW- cloudy- chilly air- road muddy- evening fell an inch of snow- froze none- People a plowing their land.

2, Wind, NE- cloudy- foggy- snow all dissolved- evening moderate rain- night fell an inch of snow. Moon pulled.

Wild geese flying to the SW.-

3 Wind NE- E- SE- a great fall of rain- no cold.

4. Wind S- SW- W- NW & high- forenoon rain- afternoon no rain, fair & cloudy alternately- froze but little in the night.

5 Wind W- NW- fair- cloudy- cold- froze hard day & night.

6. Wind NW. forenoon cloudy- afternoon fair- cold thawed none- night severe.

7. N- NW- fair & cold.

8. N- NW- fair, a cloudless sky- cold.

9, N- NE- E- SW- fair, hazy, cloudy air mild- in the night fell an inch of snow.

10 SW- W- fair- thawed- most of the snow gone- froze in the night- small Light in the north- Moon quartered.

N, NE- E- cloudy afternoon & night considerable rain- cold, but froze none.

12, NW- fair- forenoon thawed afternoon & night cold- small light in the evening in the north.

13, NW- forenoon fair thawed considerable- afternoon & night NE- & a brisk hazy- cloudy- cold.

14, NE- E- cloudy- cold- evening & night W- N W cold.

15, NW cloudy- fair- cold- evening moderates.

16, NW- fair- cloudy- thawed a little- evening cold.

17, NW- N- fair- thawed none. Moon changed.

18, NE- E- SE- cloudy- afternoon a very little snow- dissolved- evening & night much rain- air mild.

I have often observed that when the ground is froze & falls or rises from the rocks in the ground, it is a sure sign of an approaching thaw.

The last autumn I put up the bitts of my corn stalks & put them into my barn & sprinkled about 2 bushels of salt on them, but this did not prevent them from heating & moulding- yet my cattle eat them better than they do common hay, or the tops of stalks.

19, SE- S- SW- foggy- cloudy- misty- very little rain- in the night much rain- some lightning- air as warm & mild as May- most of the frost out of the ground- the travelling uncommon bad.

20, SW- W & high, early in the morning rain- day fair- cloudy- warm- froze a little in the night.

21, W & NW- some a breath- cloudy- mild but thawed none- evening NE- froze.

22 E- & E- cloudy- foggy- little rain & sleet- froze none in the night.

23, S SW- foggy- cloudy- fair- warm as May- thawed all night- little rain in the night.

24, NW- N- forenoon rain- afternoon evening fell 4 inches of snow- froze in the night- Moon appeared in the morning.

25, NW- fair, cloudy- thawed some- evening NE- & very cold.

26, NE- E- cloudy- fell 2 inches of snow- sleys begin to run- evening fair- W N W.

27 NW- W- SW- fair- cloudy- thawed some-

28 W- SW- fair, hazy- cloudy- thawed considerable- air mild- moon & 7 stars played each other.

29, Epping to Nottingham, N. NE- cloudy- fell in the day & night 3 inches of snow- drifted some- air in the day raw, but thawed some.

30 NE- N- NW- evening cloudy- fell 1 inch of snow some rain- afternoon fair- cloudy- night fair & cold.

31, Epping & Nottingham NW- fair & cold.

January 1809.

1, E NE- cloudy- moon fulled- evening a little rain.

2, W NW- fair- cool but thawed a little.

3, Epping to Portsmouth NW- fair, cold, pleasant

4, Portsmouth, N W. W- fair, cold.-

5 Portsmouth N- NW- fair- hazy- night cloudy fell one inch of snow.

6 Portsmouth N- NW fair & cold

7 Portsmouth to Epping NW- fair cold.

8. NW - fair - cloudy - cold - fell the 16th of an inch of snow.

9 Epping to Portsmouth NW - moon quartered - afternoon cloudy - night fell near 2 inches of snow.

10. Portsmouth N-NE. cloudy - fell an inch of snow - not cold - evening fair.

11 Portsmouth WNW fair - pleasant - thawed some.

12 Portsmouth to Epping NW high - snow flew much cold. At ten Oclock in the evening the Mercury stood at 19.

The figures after the initials are the state of the thermometer - the first of said figures is the state of the thermometer at 6 Oclock AM, the 2d at One Oclock PM & the 3d at 9 Oclock PM.

The thermometer hangs in the shade in a small entry facing the east - its Farenheit's.

13, NW - W - 8, 16, 18, fair - cloudy.

14 NW - 10, 16, 11 - fair.

15 N-NE 8, 13, 12, cloudy - snow in the day & night fell 8 or 10 inches - drifted considerable - moon changed in the evening.

16, N-NE-NW 12, 19, 20, cloudy most of the forepart day afternoon & evening fair.

17, NW - 13, 21, 20, fair most of the day.

18, N-W-SW. 15, 27, 23 forenoon fair, afternoon hazy - cloudy but evening cloudy.

in the night.

19. E-SE-NE 19, 31, 32, cloudy forenoon snow fell 3 inches - afternoon rain - froze little or none in the night - fair.

20 W-NW - 30, 41, 37, fair, thawed considerable - wind high in the night.

21 NW & brisk 25, 29, 23, fair.

22 W-N-E-SE 17, 22, 24, cloudy - afternoon & evening fell 4 inches of snow - night sleet & rain.

23, E. NW brisk 30, 35, 32 morning rain - afternoon fair - moon quartered.

24, N. W - 26, 33, 26, fair - cloudy.

25, W SW - 19, 27, 19, fair. Moon & 7 stars passed.

26, Epping to Exeter N-NE 14, 22, 21, cloudy - a very little snow

27, W. SW 18, 29, 27, forenoon fair - afternoon cloudy - a little snow.

28, W.SW. NW 18, 27, 25. fair.

29, SW-W 21, 30, 27 fair.

30, N-NE - 22, 27, 29 cloudy - snow storm - fell 6 or 8 inches - but much drifted.

31. W. 28, 36, 32 fair - moon fulled.

February 1. SW - 22, 32, 32, forenoon fair afternoon cloudy.

2, SW - 27, 33, 31. cloudy.

3 SW & high 22, 35, 32. fair - part of the afternoon cloudy.

4, NW & high 26, 21, 13, fair - snow flew much.

5, NE & high 10, 12, 15, a great snow storm - fell near a foot - roads almost impassable.

6, N-NW - 20, 25, 28, forenoon snow - afternoon fair.

There is now about 3 feet of snow upon a level.

February 1809

7. W.-SW. 19, 31. 27 fair, hazy-cloudy. moon fair-
8. NW. 18, 23, 15. fair. evening fair.
9 NW-W-SW 10, 20, 17. forenoon fair, afternoon hazy,
10. NW — 10. 18, 15. afternoon hazy cloudy. In the night fell about three inch of snow.
11 N-NW— 10. 18, 12 forenoon cloudy-after fair.
12 NW. — 8. 24. 16 fair.
13. SW— 12, 26, 28 morning little snow-fair.
14. NW-N. 20, 27, 24 cloudy-fell half an inch of snow-Moon changed in the morning.
15. N-NW. 21, 28, 22. fair.
16. NW High 17, 24, 17. fair.
17. N.NE.SW 9, 20, 21 cloudy.
18, NE, E, SE, 24, 32, 32 cloudy, foggy & much rain.
19. NW & high 32, 34, 27. morning fell 1½ snow, fore-noon cloudy, afternoon fair-snow flew much.
20 NE. 21, 27, 18, cloudy- In the night fell about 2 inches of snow.
21. NW + W. 19, 30, 25. fair. Moon & stars passed each other.
22 NW & high 26, 32, 27, Moon quartered-fell an eighth of an inch of snow.
23. N, NW high 24, 31, 24 cloudy most of the day. in the afternoon & night snow flew much.
24, NW. 16, 24, 18, fair.
25 SW— 15, 28, 28 cloudy- Upping to Lucetia.
26, NW- 27, 37. 34. fair.
27 N E — 28, 38, 33 fair.
28 SW. 25, 35. 36. morning fogg- day cloudy.

in the night.

February 1809.

Summary for this month.

The Thermometer at the lowest was 8, & at the highest 38. taking the two extremes it averaged 23; but the read average is 23 & 12 twenty eighths.
The Wind was North, North West 16 days
North East 5
South South west 7.

It was fair 13 days
and cloudy 15.
There were 2 days in which it was foggy.
There were 8 days in which there fell snow.
and but 1 day in which there was any rain.

March.

1. SW-W 35. 43. 43. morning foggy-day fair. moon fulled in the evening.
2. NW- 33. 37. 32. fair. In the night fell half an inch of snow.
3 NW high 28. 31. 21. fair. A short & slight Earthquake in the night.
4 SW— 12. 26. 28. cloudy-fell one tenth of an inch of snow.
5. SW. 30. 38. 38. forenoon cloudy, after. fair.
6 NW. 32, 36, 31 forenoon cloudy, afternoon fair that is
7 NW. 24. 31. 25. fair. Pewees appear-one.
8. S-SW- 22, 33, 36. cloudy- Moon quartered.
9 NW. — 34. 34. 27. fair. From Upping to Lucetia.
10. NW — 18, 33, 31. Fair.
11. NW. 21. 28, 22. Fair. One Robin appeared.
12. NW. — 25. 37. 31. Fair.
13 NE — 20, 23, 20. Cloudy-Night fell half an eighth inch snow
14 NW. 18, 27. 20 Fair.

March.

15. SW. 17, 28, 32, cloudy snowed for several hours, but dissolved near as fast as it fell. evening fair. Moon changed in the evening.

16, NW. 32, 41, 37. fair.

17. SW. 30, 47, 41. cloudy most of the day, rain in the afternoon & evening.

18. NE. 38, 45, 41 foggy. cloudy.

19. NE 37, 39, 38 foggy, cloudy, rainy.

20. SW 37, 46, 44 fair. Wenhawks, Killdees & blue birds appear. Day & night of equal length. moon & 7 stars pass each other.

21. N. 36, 48, 44. Fair.

22. N. 39, 42, 40. cloudy. snowed for two hours, but dissolved near as fast as it fell.

23. NE. 34, 38, 36. cloudy.

24, NE, 35, 39, 37, cloudy, a little snow & hail and much rain. Moon quartered in the morning.

25. NW. 31, 33, 29, fair.

26, NE, 28, 33, 32, cloudy. snowed most of the night.

27, NW. 29, 32, 26, cloudy snowed in the forenoon; the last night & to day fell 4 inches of snow.

28, NW 22, 29, 27, Fair.

29. NW 22, 36, 33, fair.

30, NW 24, 40, 33. fair.

31 SW. 27, 41, 42, fair, moon fulled in the morning.

Summary for this month.

The thermometer at the lowest was 12 at the highest 48; it averaged 32 1/4

The wind was North east 6 days.
North — 2.
North West 15
South West 8.

March 1809.

It was fair 18 days
Cloudy — 13
There were 2 days in which it was some foggy.
There was 1 day in which it hailed
2 in which it rained
and 8 in which it snowed, there fell about nine inches of snow in all.

April.

1. SW — 40, 54, 55, fair. People begin to plow.
2. NW - 49, 52, 47. Fair. Larks appear.
3. SW — 39, 51, 45. Fair. Woodwalls appear.
4, SW - 42, 55, 53. Fair. Frogs appear.
5, NE 44, 48, 35, cloudy, rain, hail & snow; fell the 40th part of an inch of rain, & 4 inches of snow.
6, NE 34, 40, 38 cloudy; fell 2 inches of snow
7, NE 36, 41, 38, cloudy, foggy - moon quartered in the morning.
8, NW 35, 45, 46, cloudy. Pidgeons appear.
9, NW high 39, 42, 37, Fair.
10, W. 31, 44, 44. Fair. Wild geese fly to the North East.
11 SW — 36, 51, 51. cloudy - in the evening, a little distant lightning in the west —
12, SE. 45, 44, 44. foggy, cloudy, rain, fell of rain 4 inches & two 10ths
13, NE. 40, 41, 40, cloudy, rain —
14, NE. 38, 43, 43, cloudy - moon changed & sun eclipsed.
15, NW high 41, 47, 43. fair. from Epping to Atkinsons
16, NW 36, 48, 47 Fair. Moon & 7 stars passed.
17, SW. 44, 61, 57. fair.
18, NW 59, 65, 59. fair - Martin's appear. Portsmouth
19, SE 48, 55, 49. fair - from Portsmouth
20, NW 47, 57, 54 fair - from Portsmouth to Epping

21. NW. 48, 61, 60. Fair.

22. SW. 48, 59, 53. Moon quartered in the evening; began to sow my oats. Cloudy - rain fell two 10ths & four 5ths of a 10th

23. SW 52, 58, 59, forenoon cloudy, afternoon cloudy. Night hawks appear. Some thunder.

24. SW 51, 62, 60, cloudy, thunder, lightning, and a rain fell one 10th & one 5th of a 10th.

25 NW high 49, 53, 50. Fair.

26 SW. 40, 49, 47. cloudy. Epping to Hampton Falls.

27 NW high 39, 47, 46 Fair.

28, NW. 38, 47, 44. Fair.

29 NE 37, 48, 45, fair; moon full'd & eclipsed. For 5 nights past each night it froze half an inch, & on the 28th the ice in the shade at 2 O'Clock was not thawed. Finished sowing my oats & peas in the field.

30, NW. 40, 52, 51, Cloudy.

Summary for April.

The Thermometer at the lowest was 31, at the highest 65; it averaged near 47.

The wind was west 1 day
South West 8 days
South east 2
North east 6
North west 13

Note that point from which the Wind blows the greatest part of the day, only is noted.

It was fair 18 days
Cloudy 12.

There were 1 day in which it hailed
2 in which it snowed - fell 6 inches of snow.
2 in which it was foggy
2 in which it lightned
2 in which there was thunder.
5 in which it rained; there fell 4 inches & 6 tenths of an inch & three quarters of a 10th of water.

May.

1. N. 47, 52, 55. Fair. Swallows appear.

2. S. 51, 60, 55, fair; Epping to Atkinson.

3. SW 48, 62, 59 forenoon fair - afternoon cloudy - a very little rain - some thunder & lightning. Began to plant my potatoes.

4. SE. 51, 55, 52, cloudy - afternoon rain } fell six 10ths of an inch.

5. NW. 47, 53, 49, cloudy forenoon rain — }

6. NW 46, 60, 55. fair. Moon quartered.

7. SE 49, 61, 61, cloudy, afternoon rain fell 1½ tenths of an inch.

8, NW high 55, 56, 52, cloudy - little rain.

9 SW. 48, 60, 53, Fair - from Epping to Exeter. Began to plant my Indian corn.

10. SE. - 57, 47, 44 Cloudy - a very little rain. Capt. Ezekiel Brown this day raised the first 3 story house ever built in Epping.

11 NE 43, 44, 44 cloudy - little rain.

12, NE 43, 47, 49, cloudy rain. In the last 3 days fell five 10ths of an inch of water. Bobolinks appear.

13, SE. 44, 50, 47, cloudy - rain 3 tenths & one 20th of an inch

14 NE - 45, 51, 48, cloudy - very little rain. Moon changed.

15 NE 45, 48, 48 cloudy rain four 10ths of an inch. Froze water in the night.

4 NW. NE 55, 49, 43, Cloudy, very little

May 1809

16, NW. 45, 57, 55. Fair. Began to sow my garden.
17. SW. 50, 69, 60. Fair.
18. SW 55, 71, 63. Fair. Cherry & Peach tree blossoms appear.
19. S&c. 55, 66, 62. Cloudy-foggy Finished planting my corn & potatoes.
20, SW. 56, 69, 70 Cloudy, foggy. a very little rain. Finished sowing ~~my~~ garden. Apple trees blossom.
21, SW 67, 72, 71 cloudy half-fair the rest-fell one 40th of an inch of rain.
22, S. &c. 65. 71, 65, forenoon fair, afternoon cloudy-evening foggy-fell a very little rain. Moon quartered morning.
23, S&c 62, 64, 61 cloudy-morning foggy.
24, NW 57, 68, 66, Fair-Epping to Newmarkett.
25 NW high 60, 70, 61, Fair-Newmarket to Portsmouth.
26 NW high 50, 57, 57, Fair Newmarket to Epping. a small frost in the night.
27 NW high 51, 60, 57. Fair.
28 E. 53, 55, 55, Cloudy-rain-thunder & lightning in the night
29 NW 51, 55, 53. cloudy-rain-In these two days there fell 7 tenths & one 20th of an inch of rain. Moon full'd
30 NW high 52, 60, 57. Fair.
31 SW. 50, 60. 59 fair-Epping to Plaistow.

Summary for this month

The thermometer at the lowest was 43 at the highest 72, it averaged about 55 1/2. The three spring months averaged 45. 1/3.
The wind was North west 10 days

North —	1
North East	4
East —	1
Southeast	7
South —	1
South West	7

May 1809

It was fair 20 1/2 days
Cloudy 10 1/2.
There were 2 days in which it thundered & lightned
2 in which there was frost
2 in which there was fogg
14 in which it rained; there fell two inches & tenths one 20th & one 40th of an inch of water.

June

1. S&c 56, 64, 59 forenoon fair-afternoon cloudy.
2 NE 56, 65, 59 forenoon fair afternoon cloudy-little rain. Epping via Dover to Portsmouth.
3. NE 50, 64, 60, cloudy-a few drops of rain-Epping to Portsmouth to Epping.
4. NW 56, 66 59, forenoon fair, afternoon cloudy thunder one 80th of an inch of rain. Moon quartered. Rubia Borealis-Hail in the day.
5, S&c 56, 66, 62, forenoon fair-afternoon cloudy-evening rain one 80th part of an inch. thunder.
6, &c- 58, 68, 55. fair-evening cloudy-distant.
7, S&c 53, 66, 61 Fair.
my apple trees some of them, & parts of particular trees are now in full blossom, & peach.
8, S&c. 55, 70, 69, forenoon fair, afternoon cloudy-rain one 40th of an inch.
9. SW. 58, 67, 64. cloudy-little rain-fell 4 1/2
10 S&c- 60, 61, 61. cloudy little rain 10th of a rain.
11. S&c- 58, 61, 62, cloudy, thick foggy-lightning in the evening-little rain. Epping to Epsom.
12. NW, 64, 73, 71. Fair-foggy-Moon changed Epsom to Concord.
4 NW. N&c 55, 49, 45, cloudy, very little

13, NW- 66. 79. 71. Fair-foggy- Concord to Epsom.
14, SW & high 64. 71. 70. forenoon cloudy afternoon fair
Epsom to Epping. Note the 2 first letters is the wind forenoon the two next afternoon
15, SW- NE 70, 73. 67. cloudy-rain 7½ 10ths of an inch.
16, NW- 63, 69, 66, Fair.
17, NW- SE 62, 73, 60, Fair.
18 SE- NE 59, 61. 62. Rain-fell 1 inch & three 10ths & ½.
19, SW- W 63. 77. 71, cloudy, thunder, lightning & rain fell 7½ 10ths of an inch.
20, SW- NW high 64. 74, 66, forenoon cloudy- after fair. Moon quartered in the evening. a little rain.
21, NW.- SE 60, 71, 64. fair forenoon, afternoon cloudy.
22 SE- E 61. 62, 60, cloudy- rain 1 inch & 2 tenths.
23, NW- 60, 76, 70. fair. In the night a white bow south of the Moon across the horizon for a few minutes.
24, W- SW 68, 76, 74. Cloudy.
25 N- SE 73, 69, 65 forenoon fair- afternoon cloudy.
26 SE- 65, 68 65 Cloudy.
27, SE 65, 78, 76 Moon fulled in the morning- morning foggy- cloudy- day fair- evening thunder & much lightning.
28, SE 72, 76, 72 foggy Fair to Hampton Falls
29 SE. 68, 73, 72, foggy, cloudy, much thunder & lightning- rain fell 2 inches, 2, 10ths & one 20th.
30, NW 63, 65, 63, Fair.

Summary for this month.

The thermometer at the lowest was 50, at the highest 79, it averaged about 65⅓.
The wind ~~in the following days~~ was as follows

West in two days
North one day
North west nine days
North east 4 days
East 2 days
South east 15 days
South west 6 days.

It was fair in 18 days- cloudy in 12 foggy in 6- Hail in 1; lightning in 4; thunder in 5; & rain in 14- There fell six inches & 8 tenths of water.

July.

1, NW- SW 57, 70, 67. Fair.
2 NW. 65, 76, 67, Fair.
3 NW- SW 62, 66, 63, forenoon fair, afternoon cloudy- from Epping to Portsmouth.
4, NW 57, 69, 61, Fair- Moon quarters in evening. Began to hill my corn.
5, SW- S 59, 74, 68 Fair.
6, S- 63, 75, 69 Fair.
7, SE- 63, 68, 63, forenoon foggy & cloudy, afternoon fair.
8, S- 61, 79, 68, fair.
9, S- 69, 85, 79. Fair- a little distant thunder, some lightning in the evening, & one 40th of inch of rain.
10, SW 72, 86, 76, Fair- to Exeter. Began my haying. In the evening distant lightning in the NE.
11, SE- E 71, 78, 68. Cloudy.
12 NE & strong 62, 59, 55, cloudy- rain- moon quartered in the evening.
13, E 55, 63, 66, cloudy, rain- evening foggy. In these two days fell 1 inch, 9, 10th & 1 20th of water.
4 NW- NE 55, 49, 45, Cloudy, very little [illegible]

July 1809.

14. SW. 66, 78, 72 fogg & cloudy forenoon, afternoon fair.

15. S- SW 67. 79. 74. fair thunder & lightning in the evening the distant - rain very few drops.

16. SE 66, 73, 72 cloudy - rain two 10ths

17. NEe 63, 63, 60, cloudy - rain -

18. NE & high 56, 56, 54. cloudy, rain - so cold & chilly has been the air that though I even dressed in winter clothes I was obliged to have a fire in my office all the day.

19. NE. 53, 54, 54, cloudy - rain - obliged to keep considerable fire all day in my office.

20 NE 55, 60 62, cloudy - little rain. In the last 4 days there has fell 5 inches, two 10ths & one 20th of an inch of water. Moon quarter eels in the morning.

21. NW. - 60, 66, 62 cloudy - little rain.

22, NW 62, 72, 65 forenoon fair, afternoon cloudy little rain.

23 NW. SE. 63, 76, 63, fair - thunder rain the 80th part of an inch.

24 S- SE. 62, 75, 66. forenoon fair afternoon cloudy. The rain has destroyed the vines in many places. the cucumbers, musk & water melons are almost wholly destroyed. The indian corn is considerably affected - but as far as I have observed that on the largest & best lands is affected the least.

25. S- SE 65, 74, 68. fogg - cloudy - little rain in the morning - evening some thunder, lightning & little rain in all 100ths part of an inch.

26. S. S.E. 66, 78, 69. Forenoon fair afternoon cloudy thunder lightning rain - Moon fulled 5 o'clock 36 m. P.M. fell two 1/2 10ths of water.

27. Wallpoint 66, 73, 72. cloudy, foggy - considerable lightning, much thunder - some hail - some stones were three fourths of an inch diameter - Some pieces of glass were broken - rain 8 tenths of an inch.

28. W. S. 63, 77, 62, Fair - rain 100th part of an inch.

29. NW. SW 63, 74, 68 Fair.

30. S.E. 63, 75, 66 Fair.

31. S.E. 62, 74 69 Fair. Spirits of to Quarter.

Summary for July

The thermometer at the lowest was 53, at the highest was 86 it averaged 69.

The wind was as follows -

West in two days — North west in 14 days

North in one day — North East in 6 days

East in three days — South East in 4 days

South in 10 days — South West in 8 days.

Fair in 20 days - cloudy in 11 - foggy in 5 - hail in one - Thunder & lightning in 6, rain in 15 - There fell 8 inches, five 10ths & three 20ths of an inch of water.

August.

1. S.E. 64, 79, 69. Fair.

2, S.E. 66, 80, 70 Fair. Spirits to Deerfield.

3, S.E. 64, 79, 67 Fair. Moon Quarter 37 m. after 12 a.m. In evening distant lightning in the West.

4. S.E. 65, 78, 67. Forenoon foggy, cloudy - afternoon fair - evening foggy -

4 NW. N.E 55, 49, 45, Cloudy, very little snow

August 1809.

5. S.E. 68, 82, 75 fair noon & fair - afternoon cloudy rain & evening much lightning & thunder. fell 1.7 10ths of water.

6. S.E.-S. 72, 81, 72 Fair, a very little rain.

7. E. 68, 77, 71 Morning rain 4 10ths & f. 20ths fine rain- day fair- some thunder.

8. S.E. 68, 81, 74. little rain. to Exeter- Thunder & lightning.

9 N.E. 63, 68, 61. Fair. Exeter.

10 S. 56, 68, 63 Fair. Exeter 4th

11 S.E. 60. 71. 66 cloudy rain, fell three 10 of water. Exeter. moon changed 49 M. past 2 am.

12. E.- 62, 70, 67. cloudy - Exeter to Epping.

13, S.E. 63, 74, 67- cloudy-foggy.

14 S.E. 64, 79, 75 foggy in the morning- day fair evening little rain & lightning. Epping to Exeter.

15, S.E.-E. 71, 77, 72 morning cloudy- little rain day fair- Exeter.

16. S.E. 65, 76, 70. Fair. Exeter. 4th

17 .E.-S. 63, 68, 64, cloudy-rain one 10, Exeter to Epping.

18. NW 64, 71, 67 fair noon cloudy- afternoon fair. Moon quarters 8h. 36m. a.m.

19. N.E.-E 61, 69, 62, Fair.

20. S.E. 57, 71, 65 Fair.

21 S.E.-S. 59, 77, 72 fair- evening distant lightning.

22. NW-SW 67, 72, 66 Fair.

23 S.E. 56, 66, 6[illegible] Fair.

Finished my haying- the crop has been abundant high land better than low- but the quality of hay not good.

August 1809.

24 S.E. 62, 64, 65 Cloudy & Rain / Rain the 10th
25 N.E. 61, 60 61 cloudy Little rain. Moon
filled 24. 19 m. am.
26 S.E. 60, 69, 62, cloudy rain
27 S.E 62, 63, 63, cloudy rain in the night
much thunder & lightning, but not severe. In
the two last days fell 2 inches & three 10ths of water.
28, S. W. 62, 73, 67. Fair
29, N.W. S. 62, 73, 66. Fair.
30, S. 62, 74, 62 Fair.
31 S.W. S 63, 75, 65. Fair.

Summary for August.

The thermometer at the lowest was 56 at the
highest 82, it averaged 68. The three summer
months averaged 67 13
The wind was as follows
West in 2 Days
South in 6 days
East in 3 Days
North west in 4 days.
South West in 2 Days
South East in 2 Days
North East in 2 Days

It was fair in 21 Days, cloudy in 10 Days
in 3 Days, thunder in 4 Days & Lightning in 6 days, &
rain in 12 Days. There fell 4 Inches & tenths & one 20th
of an inch of water.

September

1. S.E. 63. 71. 63. Fair. Moon quartered 6h.
20, M. S.E. 60. 72, 74 Fair
2. S.E. 60. 72, 74 Fair
3. S.E. 64, 70, 67 very fair, every cloudy in
the evening & little rain
4 S.E. 64, 70, 67. Fair.

4 N.W. N.E 55, 49, 43, Cloudy, very little rain

Septr 1809.

5th N.W. 61, 65, 59 Fair. Spring to Exeter
Frost in the night.
6th N-NW 55, 62, 58. Cloudy - Frost in the night.
7. S & 53, 62, 59. Fair.
Part of Spring clears off to go to Portsmouth to
purchase indian corn 53 & 65
8. S. 53, 61, 64 Fair.
9. S- 59, 72, 68. Fair - moon changes afternoon.
10, SW 63, 76, 70 Fair.
11 S- 63, 77, 71 Fair. A little distant lightning
in the north in the evening.
12, SW-NW 67, 71, 63. Fair
13, S.W. 54, 62, 52. Fair. Spring, Exeter and
Newmarket Frost in the night.
14, NW-W 57, 60, 54 Fair. Newmarket Portsmouth.
15, S & 51, 56, 59. Cloudy - little rain Newmar-
=ket Spring. Little lightning in the evening.
16. N-W & 53, 55, 53 cloudy - very little rain -
moon entered 2 h. 7 m. am.
17 W. S & 50, 61, 58 Fair. Frost in the night.
18, SW-S & 51, 65, 62 Fair.
19, S & 57, 71, 64, Fair. Cut my corn stalks.
20 S & 59, 73, 63, Fair.
21, S & 57, 72, 66 Fair Spring to Exeter.
22 S & 56, 69, 61, Fair. Morning foggy.
23 S & 59, 70, 68 Cloudy rain in the evening
full 1/4 8 h of an inch of rain. Moon full 11 h. 34 m. a.m. &
24, SW. NW 62, 66, 62, Fair.
25, W-NW 52, 63, 64 Spring to Exeter. Little rain. Fair

September 1809.

26. W.NW 52. 57. 53. Fair.
27. W. SW 46. 56. 54. Fair. Thunder & lightning together.
28. SW 53. 61. 56. Fair. Slight frost in night
29. NW. 46. 47. 60. 59. Fair.
30. S.E. 53. 73. 61. Fair. distant lightning.

Summary for September.

The Thermometer at the Cottage rose 4 at the highest 77, it averaged mean 62 1/3.
The wind has been 4 days S. West in 4 days South West in 3 days South East in 2 days North East in 2 days North in 2 days North West in 2 days East in 2 days South in 2 days West in 2 days.
It was fair 24 days 1/2 cloudy 1 day 1/2 rain 3 days lightning 7 days in 3. frost in 5, & rain in 5. There fell this month of an inch of water. See p. 147.

October.

1. S.E. 60, 69. 69. Morning foggy - day fair - much distant lightning in the evening & to the South. Moon quarters 1 h. 26 m. in the evening.
2. S.E. 62. 74. 68. Fair.
3. S.E 62. 79. 69. Fair.
4. S. 65, 70, 71. Morning foggy, day clear & little rain, stopping to afternoon.
5. S.E. 67. 76. 72. foggy morning, day cloudy - rain 40 hds of an inch from afternoon to evening.
6. S.E. 71, 81, 74. Fair - afternoon & evening thunder lightning & rain - fell 40 hds of an inch.
7. S.E 66, 72, 64 Fair. Finished gathering potatoes - crop good, tho' not equal to last year.

4 NW. N.E 55, 49, 43, Cloudy, very little snow

October 1809.

8. S E. 57, 65, 62. Fair.
9. S E. 58, 76, 73. Fair. Moon changed 2 h. 58 m. am. - at the same time. The sun was totally eclipsed at the Meridian - but invisible to us. - Frogs sang in the evening.
10. S W. 68, 82, 76 Fair. Upping to Exeter.
11. E - S E. 69, 65, 60 forenoon cloudy - afternoon fair - fell 100 yards of an inch of rain.
12. N E 48, 50, 50, [illegible] Upping to Portsmouth.
13. S E. 49, 55, 60 cloudy.
14. S - 57, 68, 66 mostly foggy - forenoon fair evening little rain - frogs sing. rain in the night 3 tweltieths.
15. N. W 65, 69, 63 cloudy + moon quartered 8 h. 28 m. PM.
16. E. 54, 56, 52. cloudy.
17. N E. 48, 52, 52, cloudy;
18. E. 47, 56, 53 Fair. [illegible]
19. N E 47, 55, 49 Fair.
20 E. 54 45, 52, 49. Fair finished picking apples.
21 S E. 42, 52, 51 Fair. Began to gather my Indian Corn.
22 E. S E 42. 56, 54. Fair. Weeding beans. Here I see the Beans [illegible] Upping to Exeter. where I live.
23. S E. 45, 56, 53. Fair. Moon fulled 4 h. 41 m. am. - Jacob began eclipse of the Moon. From Upping to Exeter. moon & 7 stars hazy weather.
Variety of foggy

October 1809.

24. S&E- W. 51, 57, 53. Cloudy.
25 N. SW 42, 52, 47. Fair.
26 NW. SW. 38, 49, 49 Fair.
27, S&E. 43, 52, 48, Fair.
28, S&E. 43, 49. 51, Cloudy - rain in the even
fell 7 tenths & one 20th of rain. Night fair.
29, S. 49, 55, 53, Fair - Frogs sang.
30, SW 51, 58, 61 cloudy - rain four 10ths of Inc
31, NW 57. 56, 47 Fair. Moon quarterred 8
38 m. AM.

Summary for October.

The thermometer at the highest was 82; at the lowest 38; it averaged near 54 1/4

The wind was as follows
West one day - North West one; North East in 3 - E
in 5 - South in 18 - South in 3 - & South west 4
4 days.

It was fair in 21 Days - cloudy in 12 foggy in 5 -
Thunder in 1 - lightning in 2 - & rain in 7 days. There
fell 1 inch, three 10ths, one 20th & one 100th of an inch
of water.

November.

1. W. S&E 42, 49, 44. Fair. Spring to Meter.
2, S&E in 36, 48, 50. Fair. Finished my India
Fowers. Small crops. Night cloudy.
3 S&E NW high 52, 59, 61. cloudy - little rain -
4 NW. N&E 55, 49, 43, Cloudy, very little snow i

Novr 1809.

rain. The two last days fell 1 Inch of water.
5. NW 41. 40, 37. Cloudy. Night water froze ½ Inch
6 NW 32, 35, 31. Cloudy.
7. SW. 28, 39, 41. Fair. Moon changed 2h. 5 m. PM. In the evening little rain & snow.
8. NW. N°. 41, 36, 30. Fair. Frozen thick all day. Finished making cyder - More cyder made this than last year, tho' not so much as usual. Made 25 barrels.
9 N°. 25, 32, 33, cloudy.
10 S°. 35, 42, 44, cloudy rain fell 2 tenths of an inch. Began to tie up my cattle.
11. NW. 41, 44, 32. Fair. Planted a bushel of red oak acorns on half an acre of ground.
12, NW 26, 32, 29, Fair.
13. SW. 24, 32, 34, Fair. In the night fell a little snow, hail & rain.
14. S°. 35, 39, 39, Moon quartered 4h. 50 m. AM. Cloudy - rain fell one 20th of an inch. night foggy.
15, SW.-NW high 37. 44, 40. Fair.
16 NW high 34, 38, 33. Fair. Spring Sweet.
17 S- S°- 26, 35, 34 Fair Even. fell 40th of an inch of snow.
18, W- NW 33, 39, 36. Fair- In the morning Ve= =ry Pleasant the Moon. People plowing mowing ground & hauling rocks.
19. SW-NW. 30, 37, 36. forenoon cloudy, afternoon fair.

November 1809

20, S & E. 29, 32, 31, cloudy- fell 40th of an inch of snow.
21 N E. 28, 32, 29, cloudy- snow fell 1 Inch. moon filled 10 h. 13 m. P. M. Moon & 7 Stars passed.
22 S W.- 26, 32, 27. Fair- snow half gone.
23 S W- N E 19, 30, 27. Fair.
24 N E- N- 21, 21, 27. Cloudy snow- fell 5 Inches.
25 S W. 22, 30, 27 Fair.
26, S E 23, 31, 34 Fair- Some people rode in sleys to Meeting &c- not good sleying- the snow being much shifted.
27 S E. 35, 39, 40 Cloudy, rain- 40th of Inch of rain & 1-2 Inch of snow.
28, N E 37, 35, 35, Cloudy, fell 40th of an inch

In the evening wild geese flew from the N E. to the S W.

On the 18th & 19th Sept, the Autumnal floods in England, proved more destructive than at any former period within the recollection of the Oldest inhabitants particularly at Whitehaven & its neighborhood. The wind was a complete hurricane at N. N W. & there fell in torrents. Not only immense fields of grain were inundated & destroyed, but numerous bridges houses & barns were swept away, which lay adjacent to rivers.

29. W. 34 37, 34. Fair.
30, S. 27, 32, 31 Cloudy Moon quarters in the early.

Nov 1809.

Summary for November.

The Thermometer at the highest was 61 at the lowest 19, it averaged something more than 35.
The wind was as follows
West in 3 days, northwest 10, north 1, northeast 7, south east 9, south 2, & southwest 8 days
It was fair in 16 days, cloudy 15, rain in 7, snow in 8, hail in 1, & foggy in one.
There fell 2 inches, one 20th & one 40th of rain.
There fell 7 1/2 inches & one 20th of snow.
For the last 3 months the Thermometer at the highest was 82 at the lowest 19, it averaged 50 & 2 thirds.
There fell 3 Inches 10th 12 one 40th one 80th & one 100th of rain, & one 20th
and 7 1/2 inches of snow.
The ground is now frozen, covered nearly with snow - water became many wells dry.

December.

1, S&E. 25, 34, 34 Cloudy. In the evening fell an inch of snow & 3 tenths of rain.
2, W. — 35, 40, 41 Cloudy.
3 W. 39, 43, 41, Cloudy. Evening clear.
4 S W. 34, 42, 40, Fair. Evening cloudy.
Night rain Three 10ths
5, E. 39, 41, 41, Cloudy. Foggy, rain one 10th

6, S.E. 43. 47, 53, cloudy, dark thick fogg rain one 20th of an inch.
Snow nearly gone. people plowing.
7, S.W. high 55, 60, 50, cloudy - rain a 100th of an inch. People plowing & mashing wall. Moon changed very early in the morning.
8, S.E. 43, 50, 37, Fair. rain in the night
9 E. N.E. 36, 40, 42, Cloudy - rain.
10 E - 43, 45, 40, Cloudy - rain In the even fell 1 9th of snow - half of which dispolved. In the last rain fell 3 Inches & two 10ths of water.
11, N.E 36, 40, 36, Cloudy - very little snow
12 N.E.-N. 33, 38, 37 Fair.
13, N.E 31, 35, 35, Cloudy - foggy - little rain snow. Moon quartered 4h. 33m. P.M.
14 N.E.-S.W 31, 40, 39 - Cloudy, foggy rain two 10ths - afternoon fair.
15 S.E. 32, 36, 38, forenoon fair, afternoon cloudy evening snow fell one 10th of an inch.
16, W.- 32, 35, 30 Fair - Some people plowing
17 N.W 25, 32, 30 Fair.
18 S.E 21, 29, 29 Fair Moon & 7 Stars passed clear other.
19. S.W. 27, 33, 34 Fair.
20 S.W. 35 40, 37 Cloudy Little rain - to Suer & Portsmouth. Moon fulled 5h. 16 m. P.M.

December 1809.

24. NW. 33, 35, 35 Fair Portsmouth to Epsing.
25 SW 37, 40, 34 Cloudy, rain two 10ths & very little snow 0,00
26 NW 21, 27, 23 Fair
27. W 14, 22, 21 Fair
28 W 24, 32, 39 Cloudy-rain Epsing to Epsom
29 S. W. 43, 50, 43, Fair- Epsom.
30 N.E. 39, 39, 39 Cloudy, rain-fair in the night. Epsom to Epsing. People making wall.
31 NW 31, 30, 28, Fair.
1 NW 24, 30, 24 Fair. Moon quartered 5h. 16 m. PM.
2 N-SW 21, 24, 25 Forenoon fair afternoon cloudy.
3 NE. 22, 23, 26 Cloudy Snow 4 Inches

Summary for December.

The thermometer at the highest was 60, at the lowest was 14; it averaged something more than 35.

The wind was as follows, West in 5 days, SW in 9, NE in 4, E in 4, NE in 7, N. in 2, & NW in 5 days.

It was fair in 13 days, cloudy in 18, foggy in 4, rain in 12, & snow in 8 days.

Rain 5 Inches, 5 tenths one 20th & one 100th.

~~Snow~~

Snow 8 inches & one tenth.

Summary for 1809.

The thermometer averaged 47.

Decr 1809

There fell of rain 3 feet 4 Inches 8 tenths & 1 tenth
= tieths of water
and of snow 6 feet 9 Inches one 10th & one 20th.

January 1810.

1, W. 26, 32, 27. Fair.
2, N.E. 21, 27, 28. Cloudy. Epping to Portsmouth
3 N.E. 27, 30, 29 Cloudy - little rain - Portsmouth
4 S.W. 33, 39 37. Cloudy - rain - Portsmouth.
5 N.E. 37. 39. 37 Cloudy - rain - Portsmouth.
New moon 10 h. 57 m. in the morning.
6, S.W. 35, 40, 43, Cloudy little rain Epping to Portsmouth.
There fell this week 2 tenths of rain.
In the month of ~~Dec~~ September last at New London in Con=
=necticut the mercury at 4 O'Clock A.M. ranged from
33 to 66; at noon 60 to 82; at 3 O'Clock P.M. 60 to 80.
the wind N.W every, except the 12th S.W every day fair=
on the 14 & 27th a white frost. the mercury at 4 O'Clock
in the morning in the first instance at 40, at the 2^d
at 33.
7 S. 42, 43, 40. Cloudy.
8, N.W. 24, 23, 18 Fair. Epping to Portsmouth.
9. S.W. 21, 22, 30, cloudy, little rain. Portsmouth.
10, S.W. 29, 32, 34 cloudy, foggy - little rain -.
Portsmouth.
11 S. 35, 39, 43, cloudy foggy. Little rain people
making stone wall - Epping to Portsmouth. rain 3 tenths

December 1809.

24 NW. 33, 35, 35 Fair Portmouth to Epping.
22 SW. 37, 40, 34, Cloudy, rain two 10th in evening little snow. 0,00
23, NW. 21, 27, 23 Fair
24. W. 14. 22, 21. Fair
25 W. 24, 32, 39 Cloudy-rain Epping to Epsom
26 S. W. 43, 50, 43, Fair- Epsom.
27. NE. 39, 39, 39 Cloudy, rain-snow in the night. Epsom to Epping. People making wall.
Snow 2 Inches. Rain this week 1 Inch 2 tenths.
28, NW. 31, 30, 28, Fair.
29, NW 24, 30, 24 Fair. Moon quartered 5h. 16 m. PM.
30 N-SW 21, 24, 25 Forenoon fair afternoon cloudy.
31 NE. 22, 23, 26 Cloudy Snow 4 Inches

Summary for December.

The thermometer at the highest was 60, at the lowest it was 14; it averaged something more than 33.

The wind was as follows, West in 5 days, S.W in 9, SE in 4, E in 4, NE in 7, N. in 2, & NW in 5 days.

It was fair in 13 days, cloudy in 18, foggy in 4, rain in 12, & snow in 8 days.

Rain 5 Inches, 5 tenths one 28th & one 100th.

~~Snow~~
Snow 8 inches & one tenth.

Summary for 1809.

The thermometer averaged 47.

Decr 1809

There fell of rain 3 feet 4 Inches 8 tenths & 1 tenth
= tieths of water
and of snow 6 feet of Inches one 10th & one 20th.

January 1810.

1, W. 26, 32, 27. Fair.
2, N.E. 21, 27, 28. Cloudy. Epping to Portsmouth
3, N.E— 27, 30, 29 Cloudy-little rain- Portsmouth
4 S.W. 33, 39 37, Cloudy-rain- Portsmouth.
5 N.E- 37, 39, 37 Cloudy-rain- Portsmouth-
New moon 10 h. 57 m. in the morning.
6, S.W. 35, 40, 43, Cloudy little rain Epping to Portsmouth.

There fell this week 2 tenths of rain.

In the month of ~~Oct~~ September last at New London in Con=
=necticut the mercury at 4 O'Clock A.M. ranged from
33 to 66; at noon 60 to 82; at 3 O'Clock P.M. 60 to 80
the wind N.W every, except the 12th S.W every day fair=
on the 14 & 27th a white frost, the mercury at 4 O'Clock
in the morning in the first instance at 40, at the 2^d
at 33.

7 S. 42, 43, 40, Cloudy.
8, N.W. 24, 23, 18 Fair. Epping to Portsmouth.
9, S.W. 21, 22, 30, cloudy, little rain. Portsmouth.
10, S.W. 29, 32, 34 cloudy, foggy-little rain-.

Portsmouth
11 S. 35, 39, 43, cloudy foggy Little rain-people
making stone wall- Epping to Portsmouth. rain 3 tenths of

January 1810.

12, NW. 40, 35, 22. Fair-fell quarter inch of snow.
Moon quarter'd 7h. 49m. am.
13 SW 16, 24, 30 Cloudy. Moon & 7 stars visible.
14 S&E. 32, 36, 35. Cloudy.
15 SW.- 33, 41, 37 Cloudy-foggy- Blue birds appeared.

This day I removed my thermometer out into the open air affixed it to the north side of my house in the shade, & from thence the observation following are

16, S. 33, 42, 33 Cloudy. People making wall.
17 S&E 34, 44. 34 Cloudy- Ditto.

Note, both morning & evening this day when the mercury stood at 34 two degrees above the freezing point, earth & water froze.

18, S. 29, 39, 33- Cloudy- people hauling roots & building wall- Evening snowed a quarter of an inch.

Note where o stands above or figure it denotes that the mercury was below cypher or many degrees as the figures underneath.

19, NW. 11, 10, 11, Fair-wind high & very strong.

~~Wind Fallen~~

20 NW. 10, 8, 6, Fair. Moon full'd 0h. 23m. AM.
21, NW 10, 1, 1. Fair.
22. S- 8, 14, 8 Fair.
23 S. 12, 31, 25 Fair.

It is said that at Calcutta last Sept. the great & violent rains overflowed the Ganges & destroyed whole villages & destroyed the crops.

24 NE. 21, 19, 15; Cloudy-Snow-fell 2 Inches.

25. W. 15, 29, 14. Fair—fell ½ Inch of snow.
26 S. 6.. 22, 15, Fair—evening one new 5 inches
remarkably light= not a breath of air stirring.
27. SW. 9, 24, 15 Fair.
28. NW. & high 12, 18, 4. Cloudy. Moon quarter'd 6 h. 31 m. am.
29. NW 7, 9, 1. Fair.

Note the wind on the 19th did considerable damage a few miles north of us it unroof'd a few old houses & barns— & blew down & turned up a vast quantity of pine & hemlock timber— One man in Nottingham, Jacob Cilley, estimates the damage in blowing down his timber about $500.00; another, Wm Norris at double that sum Millict of Epping estimates the quantity of timber blown down sufficient to make 300,000 feet of boards.

On the 26th at Epsom about 15 miles NW from Epping, in the evening there were several flashes of sheet lightning & some thunder.

30. S. 7. 19, 9, Fair.
31. SW 4. 32. 17 Fair. Epping to Portsmouth

Summary for this month.

The Thermometer at the highest was 44, at the lowest it was 1° below zero; it averaged 22°/12.

The wind was as follows West 2 days, NW. 7, N & 4, S.E & E, 2, S. 8, & SW 8 days.

It was fair in 12 days, cloudy in 17, rain in 7, & foggy in

in 3, & snew in 5 days.
Rain; half an inch.
Snew 7 3/4 of an inch.

Note, on the 19th at Portsmouth the thermometer was 13 below 0, in 24 hours it fell 54 degrees; at Salem it was 4 below 0, in 12 hours fell 36; at Boston 1/2 below 0 in 15 hours it fell 49 degrees; & at the city of New York it was 18 below Zero.

The North west gale began at the city of Washington at 4 Oclock PM; at New York at 9 oclock PM; at Boston 1/2 10 Oclock PM. & at Epping 1/2 11 Oclock PM. The city of Washington is nearly SW from Epping.

The damage done by the wind was great, & a considerable number of lives were lost by the cold.

February.

1.	NW.	9.	35.	22. Fair. Portsmouth to Epping.
2.	NW.	3,	16.	4. Fair.
3	NW.	6,	19.	20, cloudy. Moon changed at 1h. 27m. P.M.
4.	SW.	11,	38.	19. Fair.
5	SW	22,	34.	21 Cloudy.
6.	SW.	10,	28,	26 Cloudy.
7	SW.	20,	36,	22. Fair.

Note, ~~at Epping at 9~~ On the 15th of Jany last at Springfield in M.s the thermometer standing at 0 & 2 degrees above, with the wind very high at N. NW the river furnished an appearance of a heavey fog rising rapidly down it. On an appearance so extra=

extraordinary examination was made, & it was found that the wind took the small particles of water & carried them up into the atmosphere, & was immediately conged into fine snow, & arose some as much as 40 feet above the surface of the water. It commencement was about meridian, but most conspicuous at 2 P.M. Several very aged people living in the vicinity, do not remember ever seeing the like.

The same was observed over the river in Epping the same day.

On the 23d day of January the river Delaware was covered with ice & hundreds of people were amusing themselves with skates. In the space of 24 hours that river which had not a particle of ice in it was completely frozen from side to side.

The 30th day of Jany the harbour of Boston was completely closed with ice.

8. SW. 25, 41, 27. Fair. Epping to Exeter.

At Boston in the month of January last the Thermometer at the highest was 55, at the lowest 6 below zero; mean about 30; there fell 2 Inches & one tenth of an inch of snow.

9. W. 32, 38, 3, Cloudy.

Note, at Portsmouth NH. on the 20th January at sunrise in the morning the mercury stood 14 below zero.

10. NW — 9, 9, 0, Fair.

11. SW — 5, 25, 26 Fair. Moon quartered 1h. 13m. A.M. Moon & stars passed each other.

12 S. 30, 44, 36. Cloudy.

13. NW. 29, 33, 21, Fair.

Feby 1810.

14. NW. 16, 31, 22 Fair.

15. S.— 9, 34, 35. Cloudy, snow one inch rain one inch. Upping to Kensington.

16. NW 36, 35, 25. Fair - to Exeter & Newmarket.

17. NW. 25, 33, 23 Fair Newmarket to Epping

Note, On the 21st Jany Fish were found frozen on the shores of the Niantick (State of Ct.) in such large quantities, that a vessel was loaded with them, & they were sent to N. York market. Such an instance has never before occurred, to the knowledge of the oldest person amongst us.

Jany 18th 1810 the thermometer at Providence (R.I.) the thermometer was 3 below 0; Marlborough (NH.) 51 above 0; Castine (Me.) 37 above 0; Boston 48 above 0.

19th Jany, at Montreal (Canada) 23 below 0; Philadelphia 16 above 0; N. York 3 above 0; Marlborough (NH.) 12 below 0; North Hampton (Mass) 5 below 0; New London (Ct) 6 below 0; Springfield (Mass) 2 below 0; Portland (Me) 3 below 0; Castine (Me) 15 below 0; Boston 4 below 0.

Jany 20, Montreal 24 below 0; Worcester (Mass) 11 below 0; North Hampton 9 below 0; N. York 2 above 0; Portsmouth (NH) 14 below Castine 18 below 0; Boston 5 below 0.

Jany 21, New York 2 above 0; North Hampton 12 below 0; Newport (R.I.) 4 below 0; Portsmouth 13 below 0; Boston 6 below 0.

18, SE. 24, 36, 35. Cloudy-rain. ~~Moon full 6h 15m Morn.~~ Foggy

Note, Feby 3d at the city of Washington weather so cold that a quorum of Congress did not assemble — snow from 2 to 3 feet deep.

19, SE. 35, 52, 52. Cloudy-rain foggy — moon fulled 6h. 15m. am. Upping to Exeter.

20, S. 50, 52, 42, Cloudy-foggy-rain. There fell in the last three days one inch & one tenth of water.

21. NW. 35, 42, 24 Cloudy. People meeting to walk.
Note, at Bulting are on the 3d snowed for 19 hours-fell between 20 & 24 inches of snow.
25th of Dec last a severe gale at Madeira, & the island was covered with snow.
22, NW 19, 35, 30. Fair.
23. S&c. 24. 40, 27. Fair.
24. SW 29. 51, 42. Cloudy.
25 S& 37. 39 33 Cloudy, Little rain Epping to Newmarket
26. S. 34. 63, 39. Fair-Morning foggy, evening a little rain-yesterday & to day fell One 20th of an inch of water. Moon quartered 3h. 55 m. P.M. Newmarket to Epping.
27. NW. 25. 27, 18. Fair Epping to Newmarket.
28. NW 11, 24, 18 Fair. Newmarket. Black birds appear.

Summary for February.

The thermometer at the highest was 63, at the lowest it was 9 below zero; it averaged something more than 27.
The wind was as follows west 1 day, SW. 7, S. 4, S&. 4. N&. 1, & NW 11 days.
It was fair in 16 days, cloudy in 12, Snow 1, rain 5, & foggy in 4 days.
Rain 1 Inch, one 10th one 20th & one 80th.
Of snow one Inch.

Summary for the last 3 Months.

The thermometer at the highest was 63, above zero, at the lowest 11 below Zero; it averaged 28.
The wind was West in 8 Days, SW in 24 S. 12, S& in 10, & in 4. N& in 12. N in 2, & NW. in 23 days.
It was fair in 44 days, cloudy in 47, foggy in 11, rain in

24, & snew in 14 days.
There fell 10 inches & two 10ths, one 80th & one 100th of an inch of rain water.
There fell one foot 5 inches & one 80th of an inch of snow.
There has not been a single day of good sleying.

March.

1, NW. 16, 40, 33, Fair. Robbins appear. Spring

Newmarket.

2 NW. 30, 41, 26, Cloudy. snow one 10th of an Inch.
3. NW 13, 31, 26 Fair.
4 S. 27, 47, 32 Fair.
5. E 31, 36, 24, Cloudy, snow & hail in the afternoon & evening. Moon changed 8 h. 39 m. am.
6 NW. 17, 22, 15. cloudy - wind high - snow blew much. Lightning in the night. There was some thunder & lightning & rain at Portsmouth early this morning. Yesterday & to day fell 6 Inches of snow.
7. S. 5, 33, 20. Fair.
8, SE 20, 41, 30, cloudy.
9 SE. 32, 41, 35, cloudy. foggy - rain fell four 10th & one 20th of rain.
10, W. 28, 39, 29. Fair. Moon & 7 stars passed each other.
11 SE 21, 45, 33 cloudy.
12 NW 32, 33, 27. cloudy. Snow - fell 18 inches of snow. Moon quartered 10 h. 4 m. evening.
13, SE. 23, 46, 33 Cloudy. Night rain.
14 SW 37, 46, 34 Cloudy - little rain - left snow. The rain in the two last days half an inch & one 20th

Note, the state of the thermometer in Boston for the last month at the lowest was 4 below zero, & at the highest was 71 above. There fell there 1 inch & one 20th of rain.

The spotted fever is very mortal in several towns in Mechanicsetts, & in Springfield in N.H. The last year it was prevalent in several towns in Connecticut.

15. NW. 28, 32, 19. Cloudy.

Note, on the 6th at one o'clock in the morning of at Boston 4 or 5 heavy claps of thunder with sharp lightning & rain.

a Land'on preper of the 4th Day last said, "The winter there for has been unusually mild; there are roses blowing in bloom."

16, NW. 11, 24, 16. Fair.
17. NW 15, 33, 25. Fair.
18 W. 25, 37, 25. Fair.
19, S. 13, 44, 32. Cloudy. Snow 4 inches & four 10ths
20. SW 27, 46, 37. Fair. Moon full'd 8 h. 51 m. P.M.
21. S. 28, 55, 33. Cloudy. Very little rain. two 10ths of an inch of snow. Robbins, & Killdeer appear. Hawking
22 W. 32, 39, 31, Cloudy.

Note, at Philadelphia on the evening of the 5th there was a tremendous gale of wind from the NE. Some vessels were injured; chimnies & many trees blown down. The large tree at Kensington, which, had stood the blast of more than 100 years, & under which William Penn, the

March 1810.

the founder of Pennsylvania, signed his first treaty with the Aborigines, was prostrated.

23. W. 29. 43, 30. Bloudy. Snow two 10ths of inch
24 W. 30. 52, 33. Fair.
25 S by E 34. 50, 33 Cloudy Snow one 10th.
26 E. 30. 33, 31. Cloudy-snow 6 3/4 of Inches. Little rain.
27 S W. 28. 46; 34 Fair. Moon quarters 10h. 53 PM.
28 SW 30. 55, 35. Fair.

Note from the 9th to the 20th of December last, shocks of Earthquakes were felt at the cape of Good Hope, & its vicinity; some houses shook down & several injured.

The spotted fever is very mortal in the towns of Bare, Rutland & Oakham in the county of Worcester Mass. those who are seized with it live but a few hours - most of them are seized with a delirium: many die.

29. S. 31, 44, 36. Cloudy - little rain.
30 NW & high 23, 31, 23. Fair.
31. N. 18, 38, 24 Fair.

Summary for March.

The thermometer at the highest was 55, at the lowest 5, it averaged 31 & five sixth.

The wind was west in 5 days, North west 9, North 1, east 2, South east 5, South 5, & south west in 4 days.

It was fair in 14 days, cloudy in 17; there was snow in 11 days, rain in 7, hail in 1, lightning in 1, thunder in 2, & foggy in one day.

March 1810.

There fell 2 feet, 11 inches, Seven 10ths & one 20th of an inch of snow; and one inch of rain.
In Boston 1 Inch of rain. Thermometer. lowest 16, highest 60, average 36.

April. 6 Cloudy

1. S&E 29, 36, 32. Snow,
2. NW. 31, 40, 30. Fair. In the morning a little snow-
Yesterday & to day there fell 1 foot 7 inches of snow.
3. N. 25, 38.. 27. Fair. New moon 10h. 6m. am.
4 NEo. 26, 41, 30. Fair. Larks appear.

Note yesterday I rode to Portsmouth in my sley there was 40 sleys in the course of the day went into Portsmouth. To day I returned in my sley through Exeter.

5. E. 31, 51, 34. Fair.
6. S&E 28, 61, 35. Fair.
7. S. 43, 60, 44 Fair Moon & 7 stars passed.
8. S&E. 35, 51, 38 Cloudy.
9 N. 34, 43, 36 Cloudy. Snow one 10th rain nine tenths of an inch.
10. NW 31, 49, 37. Fair.
11. SW. 34, 60, 49 Fair. Frogs croaking. Moon quartered 5h. 49m. 6 M.
12. S&E 42, 62, 41. Fair.
13. NEo. 39, 45, 36. Cloudy. People began to plow.
14. E. 37, 57, 45 Fair. Swallows come.
15. S&E. 43. 54, 41 Cloudy.
16. S&E. 41, 55, 35. Cloudy.
17. S&E. 29, 57, 39. Fair. Martins appear.
18. S&E. 32, 63. 44 Fair. Butterflies appear.

Note on the 3d the snow in Groton, Mass, was 13 inches deep on a level.

19. S.E. 38. 70, 69. Fair. Moon fulled 10h. 25m. am.

April 1870

20. S & 48, 72, 49. Fair. I began to plow
21. S. 44, 72, 64. Fair. I began to sow oats.
22 & 52, 50, 40 Fair.
23. &. 39, 55, 40, Cloudy-foggy.
24. S &. 43, 55, 45, Cloudy-foggy.
25 & 46, 66, 54, Cloudy- foggy, little rain.
26 S & 52, 70, 61 Cloudy foggy-rain three 10.ths Moon quarters 4h. 45m. am.

Note, March 25 & 28 two storms of hail, with veriable winds. Thunder &c at Savannah (Georgia) & its vicinity. Fruit trees were injured.

27, &. 53, 64, 53 Cloudy, foggy, Thunder, lightning, rain fell two 10.ths & one 20.th
28 S W. 47. 64, 38. Fair.
29. S &. 48, 59, 46. Cloudy rain 2 rain sm 10.ths
30 & 46, 61, 52 Cloudy-rain-lightning.

Summary for April.

The thermometer the highest was 72 at the lowest 25, it averaged 46.

The wind was North West in 2 days, N. 2 days, North east 2 days, East 7. South East 13, South 2, & South west in 2 Days.

It was cloudy in 13 days, snow in 2, foggy in 5, rain in 5, thunder in 1, lightning in 2, & fair in 4 days.

There fell of snow one foot 7 inches & one 10.th of snow; & of rain 2 inches two 10.ths & one 20.th of an inch.

At Boston this month the thermometer at the highest was 82, at the lowest 28, it averaged 52.

Of rain there fell there 5 inches & one third.

On the 26 this month was killed by lightning in Hartland, Vt 29, the barn of Rev. Wadleigh Esq was burnt by lightning & one horse killed in Sutton N.H.

May 1810.

1, NW. 51, 63, 53. Fair. Epping to Nottingham. Night heavens appear.
2, NW. 48, 67, 49. Fair.
3, E. 44. 56, 45. Cloudy. Moon changed 10 h. 6 m. a.m.
4, S E 51. 61, 50. Cloudy-rain fine 10th
5, NW. 42, 53, 45 Cloudy- a little hail. People began to plant.
6, NW 42, 55, 40. Cloudy- a little rain.
7, NW 33, 52, 41. Cloudy. This morning ice was one 8th of inch
8, NW 41, 57, 53 Fair.
9, W. 43, 62, 48 Fair.
10, W. 44. 60, 52. Fair-planted potatoes. Epping to Portsmouth. began to plant potatoes.
11, S E 51. 58, 44 Fair, Moon quartered 11 h. 58 m. a.m. From Portsmouth to Epping. Frost in the night.
12, S E. 39. 67, 45 Fair. Finished sowing my oats & peas.
13, S E. 49. 60, 48 Cloudy. Cherry trees in blossom.
14, W. 47. 62, 49. cloudy rain, one 10th of an inch. Frost in the night.
15, NW. 44. 56, 47 cloudy- little rain & hail.
16, NW 42, 61, 52. Fair.

Note april 30th a violent tornado at Goshen, New York, destroyed the episcopal church & greatly injured a new brick academy.

On the 20th of the same month at Fitzwilliam, Ridgefield towns adjacent was a violent storm of hail attended with thunder, lightning & high wind, & did great damage to windows & trees. Some hailstones measured 4½ inches in circumference- the hail fell 6 inches deep, & remained on the ground 4 or 5 days.

17, NE. 46, 61, 44- Cloudy- rain one 40th. Began to sow my garden- sowed my garden peas.
18, S E. 46, 60, 49, Cloudy- Moon fulled 8 h. 7 m a.m.
19, NW 52, 68, 57. Fair. Began to plant my Indian Corn.

May 1810.

20. S & C. 52, 71, 57, Fair. about one third of the apple trees are now in full blossom.

21. E. 51, 57, 49. Fair. a very little rain.

22 S & E 47, 71, 54 Fair. apple tree blossoms falling from some trees; finished sowing my garden; grafted apple trees.

23 S. 50, 78. 57. Fair Sphinx to Northwood. Finished planting my 2nd garden.

24th S. 52, 80, 67. at 3 Oclock am. it was 90. Fair. distant thunder - little rain - evening distant lightnings.

From Northwood to Epping.

25. S. 65, 88, 78. at 2 Oclock it was 91. Fair. Planted cucumbers, musk & water melons. Turned my cattle to pas= =ture though very little feed - till to day I turned them & they as much hay as at any day in the winter. During the winter the claws & much of the other grass was killed. Moon quartered 10 h. 42 m. am.

26. SW. 65, 84 78. Cloudy - very little rain, some distants thunder. Epping to Exeter. The atmosphere very smoky. Distants lightnings in the evening.

27. SW. 66, 80, 72 Fair - little rain - distant thunder- air very smoky - lightning in the evening.

28 SW. 67. 88. 80 - at 3 Oclock PM. it was at 94 Fair - wind was brisk - little or no smoke appeared. Have not seen a blossom on a peach tree this year. Evening little distants lightnings.

29. SW. 70, 90, 60 Fair - thunder, rain one 20th little fail. - Lightning in the evening.

30 S & E. 54, 73, 54, Foggy, cloudy, considerable thunder - lightning - rain one 10th & one 20th.

31. W. & high 55, 72, 50. Cloudy - a little rain. Note if more than half the day is fair I call the day fair & so cloudy.

May 1810.

Summary for May.

The thermometer at the highest was 90; at the lowest 33; it averaged near 57.

The wind was west in 4 days, NW 9, East 1, East 2, South east 8, South 3, & South west in 4 days.

It was fair in 18 days, cloudy in 13, rain in 12, hail in 3, thunder in 6, lightning 6, & fogg in 2 days.

Of rain four tenths & one 40th of an inch.

Summary for the 3 Spring months.

The thermometer at the highest was 90, at the lowest 5, it averaged 44 & 2 thirds.

The wind was west in 9 days, North west 20, North 3, North east 3, east 11, South east 26, South 10, & south west in 10 days.

It was fair in 40 days, cloudy 43, snow 13, rain 24, hail 4, lightning 9, thunder 9, & fogg in 5 days.

Of snow there fell 4 feet 6 inches, eight 10th & one 20th of an inch; & of rain 3 inches six 10th one 20th & one 40th of an inch.

June 1810

1. NW 53, 67, 57. Fair. Moon changed 11h 55 m. P.M.
2. W. 57, 80, 69 Fair.
3. Strong high 64, 79, 69 Cloudy - The dust flew like
snow in a high wind in winter.
4. W. 67, 74 65 Fair - rain in the morning one 10th -
thunder, lightning - began to weed corn - rain in evening two 10ths
Epping to Epsom.
5, SE. 50, 60, 57. cloudy - little rain. Epsom to Concord.
6, NE. 53, 63, 49 Fair - foggy. Concord.
7, NE. 48, 58, 47 Fair - Fire comfortable morning &
evening. Concord.
8, NE. 46, 44, 43. Cloudy - rain - Concord.
9. NE. 44, 47, 45 Cloudy - rain three 2 clays Tenths
in 10ths Concord.
10, NE. 49, 64, 48, rain - fire necessary all day. Concord.
11, E. 48, 56, 50, rain 4½ tenths. Concord.
12, SE. 55, 60, 55. rain 5, tenths - Concord.
13, SE. 58, 68, 64 rain 3, tenths - Concord.
14, S. 62, 74, 64 cloudy, rain one tenth - distant
thunder. Concord.
15, SE. 65, 77, 66 rain one tenth - thunder & lightning.
Concord.
16, NE. 69, 79, 65 Fair - Concord to Epping.
17, E. 68, 78, 63. Fair - distant thunder & lightning.
18 SE. 68, 77, 44 Fair. Epping to Concord.
19, E. 65, 80, 65. Fair - little rain - thunder & lightning -
Concord.
20, SE. 65, 78, 64, cloudy, thunder & lightning rain 5
tenths Concord.

21. S. 61. 65. 58. foggy rain 5, 10th & one 20th Concord.
22. SE. 62. 74. 54. foggy. thunder lightning rain one 10th Concord.
23. S. 66. 75. 65 Fair, little rain, thunder & lightning Concord.
24. S. E. 68. 81. 73. Fair, thunder lightning little rain - Concord.
25 S. 73. 85. 74 Fair. Concord.
26, SW. 67. 74. 65 Fair Concord.
27. SW 58. 72. 64 rain 3 tenths. Corded to Spring.
28 SE. 66. 79. 67 - cloudy - little rain.
29 SE. 67. 84. 74 at 3 Oclock it was 91. Foggy - fair distant thunder - lightning - little rain.
30. S 71. 70, 72. Foggy cloudy rain 6 1/2 10th thund & lightning.

Summary for June.

The thermometer at the highest was 85, at the lowest 43, it average was 64.

The wind was west 2 days, N. West 1, North in 1, North East in 5, East in 4, South east in 10, South in 6, South West in one day.

It was fair in 15 days, cloudy 13, rain 21, thunder & lightning 11 & foggy in 5 days

There fell 6 inches 4 tenths & one 20th of rain.

In this month at Boston the thermometer at the highest was 91, at the lowest 46 - the rain was 9 inches & one 10th

at Vermont a hurricane did considerable damage.

On the 9th the frost did much damage to vegetation in Canada - most plants both cultivated & wild were entirely destroyed.

July 1810

1. NW high. 60, 62, 60 Fair Moon changed 2 h. 23 m. PM.
2. SW 57, 68, 58. Fair.
3. S. & 64. 71, 57 Fair.
4. S & 54 68, 61. Cloudy - night rain 3, 10 hrs thunder
lightning
5. SW. 68, 72, 64 Fair - Foggy.
6. S. 60, 81, 71. Fair.
7. SW high 66, 82, 74 Fair - at 3 oclock 86.
8. N. 71, 66 57. Cloudy - distant thunder rain
nine 10 hrs & one 20 hrs.
9. W. 60, 67, 66, Fair. Moon quartered 4 h. 29 m. PM.
10. S & W. 62, 76, 62 Fair. People began haying.
11. S. 56, 79, 67 Fair - Foggy.
12. NW 64, 80, 73 Fair. Upping to New Market.
13. S & W. 70, 78, 64 Cloudy - very little rain - distant thun=
der & lightning.
14. SW & W 60, 73, 62 Fair.
15. W 55, 73, 67 Fair.
16. SW 57, 71, 57 Cloudy - rain 3½ 10 hrs Moon
filled 10 h. 9 m. am.
17. NW 55, 63, 55 Fair.
18. S.W. 56, 69, 61. Fair.
19. SW. 61, 80, 75. Fair.
20. S. 69, 78, 67 Rain one 20 hr. Began my haying.
21. SW. 64, 75, 71 Fair. Evening distant lightning.
22 W. 60, 75, 65 Fair - Foggy.
23. W. 61, 60, 58, Fogg - rain nine 10 hrs moon quartered
hour 57 m. am.
24 NW high 60, 74, 66 Fair.

July 1810.

25. W. 61. 72. 59. Fair & Thunder shower lightning rain one 10th one 20th & one 40th.
26. SW. 54. 75. 56 Fair - a little distant thunder - a shower of rain two 10ths
27. SE. 55. 75. 61. Fair.
28. SE. 62. 71. 58 Fair.
29. E 56. 62. 59 Foggy, cloudy, little rain.
30. SE 59. 72. 72. Foggy, cloudy & one rain - ~~the~~ two days one 20th one 40th of an inch.
31. S. 68. 75. 71 - fair - lightning in the evening -
Moon changed 5h. 27m. a/m.

Summary for July.

The thermometer at the highest was 82, at the lowest was 54. it averaged 65 2/3°.

The wind was West in 3 days, South west 9, South 3, South east 7, East 3, North 1. & North west in 5 days.

It was fair in 15 days, cloudy 6. rain 10, Thunder 5, lightning 5. & foggy in 6 days.

There fell 3 Inches of Rain.

The 14th of this month there was a frost in Vermont that injured the corn.

18th In Chenango county New York, in the night the frost was severe as to destroy the corn & grain - ice was formed as thick as window glass.

In Norton the thermometer at the highest was 89, at the lowest 54, it averaged 71.

Rain 4 15/100 of inches.

August 1810. Little

1. S 69. 77. 67 Cloudy. distant Thunder
rain one 20th & one 40th.
2. NE 64. 63, 57. Foggy Rain 2 Inches two 20ths
3. E. 56. 69, 59 Fair.
4. S. 57, 74, 68 Fair. In the evening distant
lightning in the North
5. S. 64. 65, 58 Cloudy, Some Thunder & lightning
rain seven 10ths & one 20th.
6. NW & high 52, 67. 59 Fair
7. S. 54, 74, 64 Fair Epping to Exeter.
8. S. 55, 78, 74 Fair. at 3 O'Clock Therm 87.
moon quarter 2 h. 37m am.
9. S. 63, 82, 74 at ½ 2, 89. Fair.
10. S & 71. 80, 63 Cloudy, foggy rain one tenth.
11. S & 61, 76, 70. Cloudy foggy. In the night rain
one 10th of an inch.
12 SW 67, 82, 70. Cloudy - Little rain & distant
Thunder &c.
13. SW. 59, 79, 72. Fair. Night rain from 10th
14. S & 61, 69, 59. Cloudy - little rain. Epping to Exeter. Moon
full 4h. 3m 6m.
15 NW. 57, 67, 61 Fair. Exeter.
16. S.W 53, 73, 61 Fair - Exeter.
17. SW. 59, 71, 68 Cloudy - Exeter.
18. S. 61, 81, 64 Cloudy, Thunder rain one 40th Exeter to
Epping: In night distant Lightning in the east.
19. NE & high 61, 65, 56. Cloudy rain
Early this month the falls of rain from Connecticut to Merrimack
were great - much Damage was done by the freshets.
20 NE 52, 56 56 - rain Epping to Exeter

August 1810.

21. E. 59. 67. 67. rain foggy. lightning in the evening. Meter: Moon quarter 5 h. 2 m 0. m.

22. SE 63, 69, 64 rain, foggy lightning in the evening. Meter. rain three 3 days 2 inches two 10ths

23, SW. 60, 72, 69. Fair Meter to Lightning

24. SW. 61, 77, 69 Fair- shower- rain one 40th some distants thunder.

25 S. 61, 77, 70. Cloudy-littlerain, one 40th

26. S. 64, 78, 70 Foggy - Fair.

27. SW. 64, 82, 75 Fair.

28. SW 69, 82, 71 Fair. In Even. distants lightning in the North.

29. S. 64, 81, 74. Cloudy-rain- moon changed 8 h. 54 m. P.M. distants lightning in the even. in the east.

30. NW 63, 70, 60 Fair littlerain- yesterday 4 to day two. 10ths

31. NW 47, 64. 56 Fair.

Summary for August.

The thermometer at the highest was 82, at the lowest 47, it averaged 66¾.

The wind was S. West in 8 days, South in 10- South east in 4- east in 2 - north east in 3, & north west in 4 days.

It was fair in 16 days- thunder in 5- lightning in 7- foggy in 6- cloudy in 12 & rain in 9 days.

There fell 6 inches of rain.

Summary for the three summer months.

The thermometer at the highest was 85, at the lowest 43- it averaged 65⅓.

The wind was west five days- South west in

August 1810.

18 days- South in 19 days- South east 21 days- east 17 days- north east 8 days- north 2 days- & north west 10 days.

It was fair in 46 days- cloudy in 31- thunder in 23- lightning in 23- foggy in 17- & rain in 48 days. Of rain there fell 1 foot 3 inches four 10ths- & one 20th

The crops of hay were not an average ones in quantity as the last years. The grass was a long time in growth & the weather has been unfavorable to the making of hay- & some good farmers have not yet compleated their english hay.

Wheat, flax & rye have flourished- crops abundant.

The severity of the last winter destroyed most of the peach trees- I have not this year seen a single blossom on any peach tree. Cherries scarce- berries plenty.

Augt 23d The fall of rain at Walpole N.H. is said to be the greatest in the memory of man- much damage was done by the freshet.

In Boston, this month, the thermometer at the highest was 90, at the lowest 56, averaged 72. There fell ~~more than~~ 8 inches, eight 10ths one 20th & one 40th of rain.

September 1813.

1. N.E. 52. 63. 52. Cloudy.
2. N.W. 49. 66. 64. Fair.
3 W. 55, 76, 68. Fair. Evening distant lightning a very little rain. Some began to cut corn stalks.
4. N.W. 62, 76, 63 Fair.
5. S.W. 50, 75, 66 Fair Even little distant lightning in the west.
6. W. 57, 79, 63 Fair. Moon quarted 10 h. 40 m. am. Repairing to Deerfield.
7. S. 51, 68, 57. Fair, some thunder & lightning in the evening rain one 10th of an inch.
8. W. 54, 64, 52 Fair.
9. N.E. 45, 64, 48 Fair.
10. S.W. 48, 71, 60, Fair.
11. S.W. 54, 77, 71. Fair — very great dews. at 3 Oclock P.M. Thermometer 82.
12 S. 60, 76, 66 fair — Repairing to Portsmouth.
13 S.W 60, 79, 72 Fair. Moon fulled 1 h. 35 m. am. The thermometer at 3 Oclock P.M. was at 83. little
14. S.W 63 77. 67, Cloudy-rain 8 tenths. Thunder lightning. finishing Repairing.
15. N.W. 62, 62, 46. Fair.
16 N. 41, 57, 43 Fair. ~~Thermometer at 3 Oclock P.M. 82.~~ Frost in the evening.
17. S.W. 37. 62, 49. Fair. Moon & 7 stars passed.
18. S. 48, 68, 54. Cloudy.
19. S.E 52, 62, 52, Cloudy-rain 2 tenths & one 40th
20 N.E. 54, 68, 65 Cloudy little rain - Moon quarted 9 h. 24 m am.

September 1810.

21. N.E. 56. 63, 59, Cloudy, Little rain, one 10th
22. W. 54, 74, 56 rain - distant lightning. Sprigg to Newmarket.
23 N.E. 53, 50. 46 rain 2 inches & 5. 10th to Newmarket.
24. N.E. 48, 50, 49 Rain. Newmarket to Sprigg.
25. N.E. 46, 57, 54 Cloudy rain for 2 days 1 inch one 10th.
26. N.E 53, 64, 52 Cloudy little rain.
27. NW 45, 66, 56 Fair.
28. NW 57 76, 64 Fair. Moon changed 0 h. 5 m. evening.
Sun eclipsed 12 o'clock 1/2 m. at noon. Invisible to us.
Note on the 14th a tornado did considerable damage in Newbury & Bradford in Massachusetts - one house was blown down one child killed & its mother dangerously wounded.
29. NW 59. 78. 70 Fair. Finished cutting my oats. Cloudless.
30. NW 62, 78, 68 Fair.

Summary for September.

The thermometer at the highest was 79. at the lowest 37, it averaged near 59 1/2.

The wind was West in 3 days, SW. 6, South 3, South East one, North east 8, north 2 & North west 7.

It was cloudy in 9 days, fair in 19, lightning in 5, thunder in 2, rain in 12 & frost in one day.

Rain 4 inches 8 tenths & one 40th of an inch water.

On the 12th at Charlestown S. B. a violent N.E. storm one of the streets contiguous to the sea was nearly destroyed, several wharves & small vessels injured. rain fell 8 or 9 inches.

October 1. 1810.

1, NW. 63, 78, 68. Fair-cloudless sky.
2. SE. 63, 60, 53 Cloudy. Finished gathering my potatoes- began to pick apples.
3. S. 49, 64, 53 Cloudy.
4, SW. 47, 76, 63. Fair.
5. S. W. 56, 78, 65, Fair. Moon quartered 5h. 33m Eve
6 SW. 56, 76, 69 Fair. Went to Newmarket Portsmouth to Epping: Evening thunder lightning & rain.
7. NW 56, 57, 50 Cloudy rain three 2 day 5.- 10.ths
8. NW. 47, 58, 48 Cloudy-rain one 40.th Frost in the night.
9. NW high 42, 53, 42 Fair. Frost.
10. SW. 32, 54. 43 Fair, Began to make my Cyder.
11 NW high 35, 44, 33 Fair. Began to gather my Indian Corn.
12 NW 26, 46, 33, Fair. Moon fulled 12 OClock 25 minute evening- In the morning ice one inch thick.
13. S. 25, 51, 42 Cloudy-Moon 6 & 7s stars half. Rain
14. SE. 50, 57, 49 Cloudy rain- In three 2 days two 10.ths Night foggy.
15. NE. 49, 57, 46 Fair- Evening foggy.
16. NE 33, 63, 49 Fair- Night foggy- In the fore part of the evening there was a white bow from the NE to the SW.- Air calm no wind for three 2 days. The dews have been unusually great.
17, NW high 49, 49, 34. Fair.
18, NW high 28, 43, 30, Fair Epping & Newmarket: Evening calm & cloudless.
19. W. 22, 48, 33 Fair. Finished gathering Indian Corn.

October 1810.

20. SW. 30, 51, 47. Fair. Moon quartered 4h. 35m. a. M.
Crops of Indian corn in general very good & abundant 18th
21. SW. 40, 67, 56, Fair-smoky. rain in night 19 & 20th.
22 NW & high 51, 60, 44, Cloudy: Little rain.
23, NW & high 30, 33, 31. Fair.
24, NW. 25, 37, 30. Fair.
25 N. 22, 39, 29 Fair. Upper of to Portsmouth.
26, W. 24, 60, 49, Fair.
27. S. 40, 62, 43 Fair. Foggy in the evening.
Sunday 28, S. 31, 56, 43. Foggy in morning. Fair.
moon changed 2h. 47m. am. Night foggy
Monday 29, NW. 40, 49, 37. foggy in the morning-
cloudy - Little rain. Upper to Hampton Falls.
Tuesday 30, NW 30, 43, 26. Fair. a cloudless night.
Wednesday 31, NW. 19, 35, 25. Fair. a cloudless day.

Summary for October

The Thermometer at the highest was 78. at the lowest 19, it averaged nearly 46.

The wind was west in 2 days, South West in 6 days - South 4 days, South East in 2 - North East in 3 - North in 1, & North West in 13 days.

It was fair in 23 days, cloudy in 8 - rain in 7 - foggy in 6 - thunder in 1 & lightning on one day.

Rain eight 10ths one 20th & one 40th of an Inch.

At Boston this month the Thermometer at the highest was 83 at the lowest 29, it averaged 54 1/3. Rain one Inch.

Rain at Boston from Oct. 1. 1807 to Sept. 30 1808. Inches 45. 3.
do — 1808 to — 1809. 40. 45.
do — 1809 to — 1810. 55. 965.
11 feet 9 Inches in all. 141 .. 13

Thursday 1. NW. 15, 32, 28. Fair.
Friday 2, NE. 25, 26, 23 Cloudy - snow one inch.
began to put my cattle &c in the barn & to feed them.
Saturday 3. NW 21, 30, 20, Cloudy snow half an
inch.
Sunday 4, NW. 18, 30, 18, Fair - Moon quartered
0 h. 16 m. am.
Monday 5. NW. 20, 38, 38. Fair.
Tuesday 6. NW. 32, 40, 31. Fair - Setting to Deerfield.
Wednesday 7. W. 25, 40, 29, Fair - Deerfield Boarding
Raymond & Epping.
Thursday 8, E. 29, 41, 31. Cloudy - very little rain.
Friday 9. NE. 32, 39, 37. Cloudy - at 9 o'Clock
am ~~from~~ an earthquake, of longer duration than any one
I ever heard - it lasted the space of a minute - its course was from North
west to South, the same course the wind then was.
Saturday 10, N. E & high 35, 41, 42. Cloudy - very little rain.
Wild geese in great abundance flying from the North
east to the South west - the first I saw this year.
Finished making my cyder & vast quantities of apple
made this year. I made 34 barrels.
Sunday 11th NE 42, 46, 42, Cloudy - rain.
Moon filled 1 h. 26 m. am. Moon & Stars passed.
Monday 12th 10th & one 20th N.E. 36, 38, 36. Cloudy - rain, there 2 days 5
Tuesday 13. NE. 34, 44, 44 Cloudy.
Wednesday 14 NE. 41, 51, 47. Foggy & Cloudy - rain one
10th of an inch.
Note, On the 1st & 2d instants the fawn at New York city

178.

20. A mean was 8 inches deep. During the Storm
Gro/. the wind was light at the N^W.
21. Thursday 15. S.W. 48, 59, 49. Fair. Rain in the night.
22 Friday 16. S.W 47, 53, 38. Foggy, Cloudy, Rain the two.
23, last days rain 10th of an inch.
24. Saturday 17. N.W. 30, 36, 38 Cloudy.
25 Sunday 18. W. 21, 38, 25. Fair.
26. Monday 19. E. 31, 34, 45. Cloudy-rain 1 inch 6 10th 1 40th
27. moon quartered 1 h. 26 m. am.
Tuesday 20, S.E. 50. 56, 45 Foggy-cloudy, rain 1. 40th
Wednesday 21. N.W. 26, 33, 28 Fair.

Note. The earthquake of the 6th was felt at Portland (Maine)-
was strong at Portsmouth (N.H) was sensibly felt at Newbury
Port, Salem, Charlestown, but not perceived at Boston. Its
course was conjectured to be from N.W. to S.E.

Thursday 22. W. 28, 38, 29 Fair. Thanksgiving.
Friday 23, N.E. 26, 32, 24 Cloudy.
Saturday 24. N. 20, 28, 22 a cloudless day & night.
Sunday 25, N. 14, 41, 31 Cloud less.
Monday 26, N.E. 31, 36, 36. Cloudy-foggy little rain.
People plowing up grass ground. Moon quarter'd 3 h. 3 m
P.M. In the night rain.
Tuesday 27. S.E. 45, 48, 31. Cloudy, foggy, rain three
two day 1 inch 1 10th, 1 20th & 1 40th. Planted oak acorns.
Wednesday 28 S.W. 29, 41, 31. Fair. Moon & Venus passed.
Thursday 29. S.W. 25, 36, 25. Fair.
Friday 30, S.W. 30, 35, 31. Cloudy, foggy-snow 1 40th Rain
1. 40th People plowing.

Summary for November.

The Thermometer at the highest was 59, at the lowest was 14, it averaged 34 & one 5th.

The Wind was Westerly 3 days, North west 7, North 2, North East 9, East 2, South East 2, & South west 5 days.

It was fair 13 days, cloudy in 17, foggy in 6, rain in 12, & snew in three days.

Rain 4 inches & 1 tenth of an inch.
Snow 1 1/2 inches & one 40th of an inch.

Summary for 3 Autumnal months.

The thermometer at the highest was 79, at the lowest 14; it averaged nearly 43 1/3. —

The wind was West 8 days, South West 17, South 7, South East 5, East 2, North East 20, North 5, North West 27 days.

It was fair 55 days - cloudy in 34, lightning in 6, thunder in 3, rain in 31, foggy in 12, and snow in 3 days.

There fell of rain 9 Inches 8 tenths. 40th
of snow, 1 —— 5 10ths & 1.

Note, The great fall of snow & rain in the southern Section States have occasioned the highest freshes known for many years - which have done much damage indeed.

In Boston this month the thermometer at the highest was 66, at the lowest 22, averaged 44.

Rain 4, 55 inches.

December 1810.

180.

20. Saturday 1. SW. 20, 38, 32. Fair. People plowing.

Co.op. Sunday 2, NW. 21, 32, 24 Fair.

21. Monday 3, N.E. 19, 26, 26 Cloudy. Moon quartered 8h. 2 m. Cloudy

22 A.M. Tuesday 4. NE. 26, 33, 28, Snow 4 Inches.

23. Wednesday 5, NW. 22, 33, 24 Fair.

24. Thursday 6. NW. 22, 34, 27. Fair — Upping to Portsmouth

25 Friday 7. W. 21, 34, 26, Fair Portsmouth to Upping.

26. Saturday 8. NW. 23, 36, 27. Fair. The Moon passed Jupiter

27. & the seven stars.

Sun Sunday 9. NW 18, 25, 16, Fair.

moon c Monday 10. SW 12, 39, 34 Cloudy. Moon fulled 5 h.

Wa 37 m. A.M. In the night wind high at NW.

Cloudy Tuesday 11. NW. 18, 23, 14 Cloudy.

Tuesda Wednesday 12, NE 7, 21, 20 Cloudy - Snow 6 Inches

Wednesd Thursday 13. NE. 17, 26, 16 Cloudy.

Friday 14 NW. 15, 27, 13 Fair.

The th Saturday 15. S.E. 5, 22, 20 Cloudy.

averag Sunday 16. SW. 26, 33, 21 Cloudy. 1/2 Inch of Snow,

The c & a little rain.

Fourth Monday 17. SW. 8, 18, 11. Fair.

1, & 1 Tuesday 18. N.W. 3, 15, 4 Fair. Moon quartered 10. h.

Ther 5 m. in the evening.

6 — the At 7 o Clock P.M. The planet Jupiter appeared directly

Rain opposite to the centre of the 7 stars — Jupiter was

At 1 south of those stars.

83 at Wednesday 19. SW. 19 30, 32, Cloudy. 6. 10 hrs of snow.

Rain Thursday 20. W. 26, 32, 24 Fair.

December 1810.

Friday 21, N.E. 21, 25, 25. Cloudy-snow 8.^{10th} of an inch.
Saturday 22, N.E. 27. 33, 35, Cloudy-foggy, & early in the morning thunder & lightning in the N.W & N. rain 4 ^{10ths} of an inch
Sunday 23. W. 19, 28, 18. Fair-Cloudless.
Monday 24. W 12, 30, 25 Fair.
Tuesday 25. N.W high 11, 41, 20, Fair.
Wednesday 26. W. 4, 19, 18 Cloudy. Moon changed 2 hour 27 minutes a.m.
Thursday 27. S.W. 15, 23, 19. Fair. Shifting to Nottingham.
Friday 28. S.W. 24, 36, 33, Cloudy, foggy, rain one ^{40th} —
Saturday 29. S.W 43, 50, 43 Fair, foggy.
Sunday 30. W. 37, 36, 28, Cloudy.
Monday 31. N.E 21, 26, 15 Cloudy Snow 1 Inch

Summary for December.

The thermometer at the highest was 50 at the lowest 3, it averaged, nearly 24.

The wind was West in 6 days, South West in 8 Days South East 1 Day, North East 6 days & North west in ^{10} Days.

It was fair in 16 days, cloudy in 15, snow in 6, rain in 3, foggy in 3, thunder in 1, & Lightning in 1 Day.

Rain 4 tenths & one ^{40th} of an inch.

Snow one foot & 9 tenths of an inch of snow.

At Boston this month the thermometer at the highest 60 at the lowest 10- averaged 32.- rain ½ Inch, snow 14 inches.

1812 me Summary for the year 1810.

The thermoter at the highest 90 above-Zero, & at the low-
=est was 11 below zero; it averaged 45 & 4 twelfth's.
The wind was West 31 days, South west 68, South 48,
South east 59, East 22, North east 42, North 10 &
North west 85.

It was fair 194 days; cloudy 152 days; rain in 118 days;
foggy in 44 days; snow in 28 days; hail in 4 days;
lightning in 39 days; & thunder in 36 days.

There fell of rain 2 feet seven inches, one 20th & one
40th of an inch.

Of Snow 6 feet, 6 inches, two 10ths one 20th & one 40th of
an inch.

January 1811.

Tuesday 1. NE. 8, 15, 8. Cloudy. Moon quartered 5 h. 46 m. P.M.

Wednesday 2. NE. 27, 34, 24 Cloudy - little rain.

Thursday 3. NW 14, 19, 7 Fair Epping to Newmarket.

Friday 4. NE 8, 14, 13 Cloudy - Snow, 3 Inches.

Saturday 5. NE 19, 30, 28, Cloudy, foggy, little rain.

The moon passed Jupiter & the Pleiades.

Sunday 6 W 32, 44, 39 Cloudy - Foggy

Monday 7, SW. 43, 52, 47 Cloudy - Foggy.

Tuesday 8, N.E. 41, 36, 33 Foggy + cloudy very little rain - Epping to Portsmouth - road Muddy + terribly bad

Wednesday 9. N.E. 31, 35, 34 cloudy - little rain 4 tenths - moon filled at noon. Portsmouth.

Thursday 10. NE. 25, 25, 23 - Cloudy - snow 3 ½ Inches. Ports

Friday 11. N. 20, 29, 24 fair - Portsmouth.

Saturday 12 N. 23, 33, 21. Fair. Portsmouth to Epping.

Sunday 13, N. 14, 13. 8 Cloudy - Snowy Snow 2 ½ Inches

Monday 14 N. 6, 18, 10, snowy - Cloudy Epping to Portsmouth.

Tuesday 15 NW. 10, 24, 9 Fair. Epping, Exeter & Portsmouth

Wednesday 16. N. 7, 23, 30, Cloudy snow 3 ½ Inches, rain one 20th & one 40th

Thursday 17. NW. 35, 33, 15. Fair. Moon quartered 4 h. 27 m. P.M.

Friday 18, NE 7, 11, 6. Fair - Cloudless.

Saturday 19, SE. 4, 27, 25, Cloudy. Rain 2: 10ths of inch.

Sunday 20 NW 31, 39, 34 Fair. Epping to Exeter.

Monday 21, N. 25, 37, 24 Fair Exeter to Salem.

Tuesday 22, NW 24, 36, 23 Fair Salem to Boston.

Wednesday 23 NW. 0, 6 - 2/3 Fair. Boston.

Thursday 24 NW 0/8, 10, 4 Fair Boston Moon changed 1 h. 1 m. P.M.

Friday 25. NW 0/5, 16, 9 Fair, Boston to Newburyport

January 1811.

1814.

Saturday 26. NW 2, 20, 15. Fair. Newbury Port to Lynn.
Sunday 27. W. 13. 30, 23. Cloudy.
Monday 28. NW 15, 22, 12, Cloudy.
Tuesday 29. NW. 6. 23, 16 Fair.
Wednesday 30. N. 15, 37, 29 Cloudy, little Snow.
Thursday 31. N. 31, 33, 31 Snow 1½ Inch, Cloudy

Summary for January.

The thermometer at the highest was 52, at the lowest it was 8 below Zero, it averaged 21 1/10 above Zero.

The wind was. West 2 days, South West one, South East one, North east 9, North 7. & North West 11 days.

It was fair in 14 days, cloudy in 7, rain in 5, snow in 7. & fogg in 4 days.

Of Snow there fell one foot 2 inches, one 20th & one 40th of an inch.

Of rain there fell six tenths of an inch.

At Boston the thermometer at the highest was 61 at the lowest

8.

Of Snow there fell 1 foot 5 Inches; & of rain 3 inches.

At Wiscasset, the Thermometer at highest 49, lowest 9 below Zero.

February 1811.

Friday 1, E & E 31, 32, 31. Cloudy snow 3 Inches. Expecting to Portsmouth.
Saturday 2, N. 27, 27, 25, Cloudy. Portsmouth to Epping.
Moon halos Jupiter & Stars.
Sunday 3, N E 21, 24, 23. Cloudy. Snow } Snow fell 13 Inches.
Monday 4 N E & High 26, 27, 25. Cloudy Snow }
Tuesday 5, N. — 23, 27, 25. Cloudy little Snow }
This day for the first time for 5 days the Sun, Stars & Moon was seen.
The roads are impassable — snow drifted much.
Wednesday 6, N. E. 20, 22, 22. Cloudy.
Thursday 7, N. E 20, 26, 19. Cloudy. Snow ½ Inch Little rain.
Friday 8, N E 20, 30, 24. Cloudy. Snow 5 Inches.
Moon fulled 6 h. 43 m. a m.
Saturday 9, N E 22, 25, 22. Cloudy. Snow a very little.
Sunday 10, N. 23, 28, 21. Cloudy. Snow ½ Inch.
Monday 11, W. 11, 33, 23. Fair.
Tuesday 12, E. 20, 31, 30 Cloudy. Snow 4 Inches.
Wednesday 13, S. — 38, 41, 23 Cloudy Rain 1½ Inch.
Thursday 14, S W. 9, 27, 15 Fair. In night ½ Inch of Snow.
Friday 15, N W. 14, 33, 17 Fair.
Saturday 16, W. 12, 30, 18 Cloudy. Snow in night —
Moon quartered 7 h. 19 m. a m.
Sunday 17, N E 20, 30, 19 Cloudy. Snow to day yesterday 1 Inch.
Monday 18, N E 17, 21, 16. Cloudy. Snow 4 Inches.
Tuesday 19, N W. 13, 23, 7. Cloudy, little snow
Wednesday 20, S W 0, 21, 13 Cloudy.
Thursday 21, N W 4, 14, 2 Fair.
Friday 22 N W 6, 14, 5 Cloudy Moon changed 11 h. 19 m in the morning.
Saturday 23, N. 3, 15, 7 Fair.

February 1811

Sunday 24. SW. 0, 24, 24 Cloudy. Epping to Portsmouth.
Monday 25 S. 17, 41, 30 Fair.
Tuesday 26. S. 30, 34, 34 rain. Portsmouth
Wednesday 27. SW. 33, 39, 32 rain. 1 inch & 3 10/11
Thursday 28. SW. 37, 44, 33. moon. Saturn Jupiter.
Portsmouth to Epping. Fair.

Summary for February.

The thermometer at the highest was 44, at the lowest it was 6 below Zero. It averaged 22 1/5th.
The wind was West in 2 days, South west in 4, South in 3, East in 1, North east in 9, North in 5, & Northwest in 4 days.
It was fair in 6 days, cloudy in 22; it snowed in 14, & rained in 4 days.
There fell 2 feet 10 inches 5/10th of snow & one inch three 10ths of rain.
At Boston the thermometer at the highest was 54 at the lowest 2 below Zero. The rain 4 4/5 inches.
At Portsmouth NH Thermometer highest 46, lowest -4 below zero.

Summary for the last three winter Months

The thermometer at the highest was 52 at the lowest 8 below zero, it averaged near 22 1/2.
The wind was west in 10 days, South west in 13, South in 3, South east in 2, East one, North east in 24, North in 12, & North West in 25 days.
It was fair in 36 days, cloudy in 54, snow in 27, rain in 12, fog in 7, thunder in one & lightning in 1 day.
Of snow there fell 5 feet one inch four 10ths one 20th & one 40th of rain one inch, seven 10ths & one 40th of an inch.

March 1811

Friday 1 NW. 28, 45, 36. Fair Moon quarters 9 h. 12 m. P. M.

Saturday 2. W. 28, 33, 30. Fair.

Sunday 3. NE 24, 37. 28. Fair. Pewees appear.

Monday 4. SW. 26, 39, 25, Fair.

Tuesday 5. NW 28, 39, 32. Fair.

Wednesday 6. N. 28, 30, 24 Snow 6 Inches. Cloudy

Thursday 7. NW thick 20, 27. 14. Cloudy.

Friday 8. SW. 10, 38, 25, Fair Sipping to Lee. In the evening half an inch of snow.

Saturday 9. SW. 18, 51, 32 Fair.

Sunday 10. NW. 18, 38, 21. Fair Moon pulled 1 h 34 m.
am. Moon eclipsed.

Monday 11. SW. 18, 44. 36 Cloudy. Foggy.

Tuesday 12. SW. 36, 53, 46, Cloudy. Foggy.

Wednesday 13. SW 33, 49. 31. Fair. Killdeers. Blackbirds & Blue birds appear.

Thursday 14 SW. 23, 41. 30 Fair. Robins appear. Grasshoppers.

Friday 15. SW. 30, 61. 48. Fair.

Saturday 16. E. 39. 52. 37. Fair. Larks appear.

Sunday 17. NE 35, 53, 34 Fair Moon quartered 6 hours 19 minutes P. M.

Monday 18 NE 22. 36. 22 Fair

Tuesday 19. SW 19, 44. 40 Fair. People plowing.

Wednesday 20 S. W. 34, 58, 36. Sipping to Portsmouth. Wild geese flying to the north East.

Thursday 21. NW 49, 51, 34, Portsmouth to Epping. Pigeons flying into the NE. ~~Frogs~~ appear.

Friday S. E. 22, 47, 34 Cloudy little rain.

March 1811

Saturday 23. SW & high 40, 65, 60. Cloudy - foggy. In the evening distant Lightning in the S.W. one 40th

Sunday 24 SW & high 58, 64, 60 Cloudy - little rain, Moon changed 9 h. 28 m. AM. distant lightning in the Evening.

Monday 25. NW & high 41, 41. 27. Fair.

Tuesday 26. NW. 22, 44, 36. Fair.

Wednesday 27 NW. 26, 36, 26 Fair.

Thursday 28 E 21, 35. 24. Cloudy Moon passed Jupiter & the Seven Stars.

Friday. 29. S E. 24, 43, 31 Cloudy.

Saturday 30. S E. 32. 42, 38, Cloudy - snow 1 Inch in the morning. Rain 36.

Sunday 31 N E 32, 38. Cloudy - rain - Moon quartered 24. 12 m AM. Little Snow. Rain then 2 days two Inches.

Summary for March.

The Thermometer at the highest was 65, at the Lowest 10, it averaged nearly 35 1/2.

The wind was West in 1 Day, South West in 12, South East in 3, East in 2. North East in 4. North in 1, & Northwest in 8 Days.

It was fair in 20 days, Cloudy in 11. Snow in 4. fogg 3, rain 5 & lightning in 2 days.

Of snow there fell 7 1/2 Inches; & of rain 2 inches one 40th.

At Boston the Thermometer at the highest was 72 at the lowest 18 it averaged 43 1/3. Of rain there fell 5 Inches.

April 1871

Monday 1. NW. 40, 40, 20, Cloudy- rain 4 tenths Lowe
40th At 9 Oclock PM the wind was strong at SW. After
half an hour it was very dark so that I could scarce
see to read- On a sudden it grew very light & in an
instant the Wind blew strong from the NW. This
is one proof from many that a great darkness is produced
in cloudy weather by conflicting winds.

Tuesday 2. NEo. 18, 37, 28. Fair.

Wednesday 3. SEo. 26, 46, 38 Cloudy.

Thursday 4 SW 32, 51, 39 Cloudy.

Friday 5, N. 27, 45, 36 Fair.

Saturday 6, NW. 30, 49, 42 Fair.

Sunday 7. SW 36, 46, 33 Cloudy.

Monday 8, NW 29, 52, 35 Cloudy. Moon full 6 h.
19 m. P.M. Martins appear.

Tuesday 9. NW 35, 55, 44 Cloudy

Wednesday 10 Eo. 37, 55, 36 Cloudy- rain one 80th of an inch.

Thursday 11 SEo. 36, 41, 34 Cloudy, very little snow,
but not enough to make the ground appear white;
in the night fell one inch of snow.

Friday 12. NEo 30, 36, 35- Cloudy.

Saturday 13. NW. 24, 45, 33. Fair

Sunday 14. NW. 36, 60, 52 Fair Cloud Cfs.

Monday 15. S. 43, 65, 48 Fair.

Tuesday 16, SW. 41, 70, 54 Fair. Moon quartered 2 H. 4 m. am.

Wednesday 17. SW 47, 69, 58 Cloudy.

Thursday 18. SEo. 46, 73, 43 Fair Epping to Exeter. Swallows
appear. great dews

Friday 19. S. 39, 72, 45. Fair. Morning foggy. great dew
Sexton left Epping to Poplin.

Saturday 20. S. 40, 70, 47. Fair. Morning foggy-

January 28 NW 40, 57, 43

April 1811

Sunday 21. S E 46, 64, 58 Foggy, cloudy rain 3½ 10ths
in the night some thunder & lightning.
Monday 22 N W high 38, 46, 38 Fair. Moon changed 7h. 35m. P.M.
Tuesday 23 N W. 30, 45, 37 Cloudy.
Wednesday 24, E. 32, 52, 37. Cloudy Epping to Portsmouth
Thursday 25. S. 31, 63, 44 Fair. Portsmouth to Epping.
Friday 26 S E 44, 60, 42 Fair.
Saturday 27 S. 38, 68, 52 Cloudy rain began to snow Rain.
Sunday 28 N E 48, 52, 54. Cloudy rain, then 2 days
One tenth of an inch.
Monday 29 N E. 43, 53, 46 Cloudy little rain one 40th
Some people began to plant Indian corn in Epping
Tuesday 30. N. 40, 61, 45 Cloudy rain 1, 20 & 1, 40ths

Moon quartered 8h. 19m. a.m.

Summary for April

The thermometer at the highest was 73, at the lowest 18, it averaged 45 1/2.

The wind was South west in 4 days, South in 5, South east in 5, East in 2, North East in 4, North in 2, & North west in 8 days.

It was fair in 13 days, Cloudy 17 days.

It rained in 7 days, Snow in 1, foggy in 3, Thunder in One, & lightning in One day.

Of Snow there fell one Inch—

And of Rain, nine tenths, one 20th, one 40th & one 80th of an Inch.

At Boston the thermometer at the highest was 78 at the lowest 24 it averaged some thing more than 49 2/3. Rain 1 Inch & 35.100

May 1811

*Wednesday 1. NE. 35, 53, 31, Cloudy-little rain.
Thursday 2. SE 32. 56, 44, Fair. Sowed my Oats.
Friday 3. N. 39. 62, 50, Fair.
Saturday 4. W. 39, 68, 57 Fair. Began to sow my Garden.
The hemisphere smoky, sun & moon appeared smoky.
Sunday 5, SE. 55, 74, 59 Fair but smoky.
Pease trees in blossom.
Monday 6. S.high 52, 70, 60, Cloudy-~~little~~ rain 5 h. 10 Min
Tuesday 7. NW. 57, 75, 66. Fair. at 3 O Clock PM the Thermometer stood at 83.
Wednesday 8. SW. 55, 78, 60, Fair. near night clouedy.
Thunder lightning and rain 7 tenths. moon fulled 7 h. 55 m.
P.M. apple trees begin to blossom.
Thursday 9 NW. 59. 67. 46 Cloudy, rain one 10 Hs.
Friday 10 NW. 44, 59, 51 Fair.
Saturday 11. S. 45. 68, 52, Cloudy.
Sunday 12. SW 50, 68, 60 Cloudy, rain one 100 Hs.
Monday 13. NE 52, 50, 46 Cloudy, rain two 10 Hs
Tuesday 14 NW. 44, 59, 47. Fair.
Wednesday 15. NW. 45, 63, 50 Fair Moon quartered 7 h. 42 m. AM. Froze in the night 6 Miles North of this.
Thursday 16, NW 48, 64, 47, Fair. Set off to Nottingham. Foot Cat night.
Friday 17. S. W. 42, 68, 49. Fair. Frost in the night.
Saturday 18. S. 42, 75, 50, Fair. Began to plant my Indian Corn.
Sunday 19. NE. 50, 55, 48 Fair. Frost in the night.
Monday 20. E. 45, 54, 44 Fair.
Tuesday 21. NE. 45, 53, 50 Cloudy-little rain, rain one 40 Ht
Wednesday 22 NE 52, 63. 56. Cloudy-foggy.
moon changed 5 h. 58 minute A.M.
Thursday 23 NW. 56, 65, 59 Morning foggy else to Thunder little rain Fair.

May 1811

Friday 24 N.W. 46. 56, 56 Fair. Seen Northern Lights.
Saturday 25 W. 47. 68, 61 Fair. Seen cloudy, rain one 100th part in the night.
Sunday 26 S.W. high 56, 75, 68 Cloudy little rain.
Monday 27. S.W. 59, 63, 56 Fair. Frost in the night.
Tuesday 28 S.W. 49, 68, 55 Cloudy little rain. Finished planting my potatoes. Some people began to hoe their corn the first time. Rain in the night 3, 10th 2, 20th & 1. 40th
Wednesday 29. W.W. 51, 55, 51 Fair.
Thursday 30. N.W. 45, 64, 53. Fair, Spring to Portsmouth & Newmarket.
Moon quarter'd 2 h. 28 m. a.m.
Friday 31. W. 49, 67, 60 Fair Newmarket to Epping.

Summary for May

The thermometer at the highest was 78, at the lowest 31, it averaged near 55.

The wind went in 3 days, S.West 5, South 3, South East 2, East 1, North East 5, North 1. & Northwest in 11 Days.

It was fair in 19 Days, cloudy 10, rain 10, thunder 2, lightnings 1 & fogg in 2 Days.

Of rain there fell one Inch, of tenths & one 50th

Summary for the Spring months

The thermometer at the highest was 78, at the lowest 10, it averaged near 45 1/3.

The wind was West in 40 days, S. West 21, South 8, South east 10, East 5 North East 13, North 4, & North west in 27 Days.

It was fair 52 Days, cloudy 38, snow in 5, rain 22, thunder 3, lightning 4 & fogg in 8 Days.

Of snow there fell 8 1/2 Inches.

Of rain 4 inches, 8 tenths, 3 twentieths 1 fiftieth 1 hundredth of an inch.

At Boston in May the thermometer at the highest was 82, at the lowest 39, it averaged 58. Of rain 1.45 Inch.

June 1811.

Saturday 1. S.W. 59. 83, 73 Fair. Evening little distant lightning in the north - night little rain.

Sunday 2. S.W. 71, 78, 69. Fair

Monday 3 N. 64 79, 62 Fair.

Tuesday 4. S. E. 56, 79, 58 Fair - from Epping to Concord.

Wednesday 5. S E. 54, 73, 62 Fair - Concord

Thursday 6. S.W. 54, 76, 62 rain in the afternoon - 4 10 Concord Moonfull 6 h. 32 m. P.M.

Friday 7. N. 56, 70, 60 Fair - Concord Thunder lightning -

Saturday 8. N.E. 52, 54, 51. Cloudy rain, three 10 to Concord E.

Sunday 9 S 50, 74, 61 Cloudy little rain. Epping

Monday 10. N.E. 50, 59, 56 - rain - Epping to Concord.

Tuesday 11 S.E. 54, 60, 57. rain - three 10 to Concord

Wednesday 12. S.E. 61, 70, 62, fair - Concord 1 h. 11 m. P.M.

Thursday 13. W. 55, 74, 69 fair Concord. Moon quarters

Friday 14. S. - 54, 74, 57 fair - Concord

Saturday 15. S.W. 56, 84, 74 - fair - at 6 O'clock at 92.

Sunday 16. S.E. 72, 88, 68 - rain towards night - one 10 to Fair Concord

Monday 17. N. 69, 81, 75. fair - Concord

Tuesday 18. N.E. 59, 69, 59. Fair - Concord

Wednesday 19. S.W. 56, 72, 69, Fair - Concord

Thursday 20. S.W. 61. 84; 80, Fair - Concord. New moon 5 h. 9 m.

May 1871

Friday 24 NW. 46. 56, 56 Fair - Even. Northern Lights. front in the night.

Saterday 25 W. 47. 68, 61 Fair - Even. cloudy, rain one 100th

Sunday 26 SW high 56, 75. 68 Cloudy little rain.

Monday 27. NW. 59, 63, 56 Fair. Frost in the night.

Tuesday 28 SW. 49. 68, 55 Cloudy - little rain. Finished planting my potatoes - Some people began to hoe their corn Night time. Rain in the night 3, 10th, 2, 20th, & 1. 40th

Wednesday 29. NW 51. 55, 51 Fair.

Thursday 30. N.W. 45, 64, 53. Fair, Epping to Portsmouth & Newmarket. Moon quartered 2 h. 28 m. AM.

Friday 31. W. 49. 67, 60 Fair Newmarket to Epping.

Summary for May

The thermometer at the highest was 78, at the lowest 31, it averaged near 55.

The wind went in 3 days, S.West 5, South 3, South East 2, East 1, North East 5, North 1, & North west in 11 Days.

It was fair in 19 Days, cloudy 10, rain 10, thunder 2, lightning 1 & fogg in 2 Days.

Of rain there fell one Inch, 9 tenths & one 50th

Summary for the Spring months

The thermometer at the highest was 78, at the lowest 10, it averaged near 45 1/3.

The wind was west in 40 days, S. West 21, South 8, South east 10, East 5 North East 13, North 4, & North west in 27 Days.

It was fair 52 Days, cloudy 38, snow in 5, rain 22, thunder 3, Lightning 4 & fogg in 8 Days.

Of snow there fell 8 1/2 Inches.

Of rain 4 inches, 8 tenths, 4 twentieths 1 fiftieth 1 hundredth of an inch.

At Boston in May the thermometer at the highest was 82, at the lowest 39. it averages 58. Of rain 1.45 Inch.

June 1811.

Saturday 1. S.W. 59. 83, 73 Fair. Evening little distant lightning in the north - night little rain.

Sunday 2. S.W. 71, 78, 69. Fair

Monday 3 N. 64 79, 62 Fair.

Tuesday 4. S. E. 56 79, 64 Fair - from Epping to Concord.

Wednesday 5. S E 54, 73, 62 Fair - Concord

Thursday 6. S. W. 54, 76, 62 rain in the afternoon - 4 10th Concord Moonfull 6 h. 32 m. P.M.

Friday 7. N. 56, 70, 60 Fair - Concord Thunder lightning

Saturday 8. N.E. 52, 54, 51. cloudy, rain, three 10. Concord to Epping

Sunday 9 S— 50, 74, 61 Cloudy - little rain. Epping to Concord.

Monday 10. N.E. 50, 59, 56 - rain - Thunder 10 h — rain in

Tuesday 11 - S. E. 54, 60, 57. rain Concord

Wednesday 12. S.E. 61, 70, 62, fair - Concord

Thursday 13. N. 55, 74, 69 fair Concord. Moon quarter 1h. 11 m. A.M.

Friday 14. S. — 54, 74, 57 fair - Concord

Saturday 15. S. W. 56, 84, 74 - fair - at 6 Oclock at 92.

Sunday 16. S.E. 72, 88, 68 - rain towards night - one 10 h Fair Concord

Monday 17. N. 69, 81, 75. fair - Concord

Tuesday 18. N.E. 59, 69, 59. Fair - Concord

Wednesday 19. S.W. 56, 72, 69, Fair - Concord

Thursday 20. S.W. 61. 84; 80, Fair - Concord - New moon 5 h. 9 m.

June 1811.

Friday 21 W. 68. 89, 81. Fair — 95 at 4 O'clock.
Concord to Epping.
Saturday 22 NW 78, 90. 82 Fair. 95 at 6 o'clock.
Sunday 23. SW. 76. 84. 61. Hazy. Cloudy
Monday 24 SW 53, 69, 64 Cloudy.
Tuesday 25, SW 62, 78, 68 Cloudy
Wednesday 26. S.W. 70, 83. 64 Cloudy. little distant thunder
Lightning in the evening.
Thursday 27 SW. 69. 76. 58. Cloudy little thunder & lightning
rain 2, 10th
Friday 28. NW. 56. 63. 59. Cloudy. Moon quartered 7h. 34m. P.M.
Saturday 29. NW. 59. 72. 52 Fair.
Sunday 30 SW. 52, 61, 52 Cloudy.

Summary for June.

The thermometer at the highest was 90, at the lowest 50, & it averaged little more than 66 3.

The wind was West in 2 days. South west in 6. South 2, South East 9. East 1, North East 3, North 3, & North West in 4 days.

It was fair in 18 days. cloudy 12. rain in 7. Thunder in 2 and Lightning in 3 days.

Of rain there fell one Inch.

at Boston the thermometer at the highest was 93 at the lowest 50 & averaged 69, 98.

Rain 1, 35 Inch.

July 1811

Monday 1. S. 50. 77. 69. Fair.
Tuesday 2. W. 67. 89. 83 Fair. At 5 Oclock PM. 95.
Wednesday 3. W. 75. 90, 80 Fair. Upping to Portsmouth
Thursday 4. SW. 79, 93, 86 Fair - at 6 O'c PM. 102.
Portsmouth to Epping.
Friday 5 W. 77, 95, 87. Fair At 3 Oclock 102.
Saturday 6. NW high 83. 94. 80 Fair - Sunday. seen appeared red.
Moon fulled 2 h. 42 m. am. Eat Ate last of my apples.
Sunday 7. SW. 66. 76. 65. Fair.
Monday 8. S. 57. 72, 64 Fair - Upping to Hampton Falls
Tuesday 9. S. 60, 73, 63 Cloudy. Hampton falls to Epping
Began my hay up.
Wednesday 10. S.E. 67, 64. 59 Cloudy little rain. } Rain then cloudy
Thursday 11. NE 58. 61. 55 Cloudy - rain.
Friday 12. NE 55. 56. 53 Cloudy rain. } 1 Inch & 2 10ths
Moon quartered at 6 h. PM.
Saturday 13. NE 57. 64. 58 - Rain.
Sunday 14 W. 66. 80. 71. Fair.
Monday 15. SW. 66. 82. 73. Fair.
Tuesday 16. SW high 69, 87. 74 Fair distant thunder in the North
In the night Lightning & thunder in the North at a distance.
Wednesday 17. S. 71. 77. 68. Cloudy - distant thunder
rain 3 = 10 ths
Thursday 18. NW 61, 75, 61 Fair
Friday 19 S. 60. 83. 67 Cloudy.
Saturday 20 S high 65, 87. 76 Foggy cloudy, little rain - very little distant thunder. Moon changed 6 h. 20 m. AM.
Sunday 21. S high 73, 88, 75 Fair. Wen. little distant lightning in the North East. At 4 Oclock PM. Therm o meter at 94.
Monday 22 S high 76, 87, 77. Cloudy - distant thunder
Lightning in evening.

July 1811.

Tuesday 23. S W. 65. 76, 62. cloudy rain 3. 10ths 2. 20ths
& one 40th Little Distant thunder.
Wednesday 24. NW 57. 70, 63 Fair.
Thursday 25. SW high 55. 81. 74. Cloudy. Foggy dieteento
thunder Lightning Little rain in the Evening. Distant night ov
Friday 26 bright little NW. Most the same 60, 69, 60 Fair.
Saturday 27. S W S 53, 78. 62 Fair
Sunday 28 S. 55, 82. 68 Fair Had cucumbers from my
garden. Moon quarter 6h. 20 m. am.
Monday 29. S. 65, 71. 74 6 Cloudy-rain, 3, 10ths
Tuesday 30th NW. 73, 89. 81 Fair at 4 Oclock PM at 93.
Wednesday 31. S W. 76, 90, 77 Fair Shifting. Lost Kewaunee

Thursday

Summary for July.

The thermometer at the highest was 95, at the lowest 50, it averaged 71 & nearly 1/3.
The wind was West in 4 days, S W. 7. S 9. S E 1. E. 1. N E 3. N W in 6 days.
It was fair in 14 days. cloudy 12. rain 9. Thunder 6. lightning 4. & fogg in 2 days.
Of rain there fell 1 inch, nine 10ths one 20th & one 40th.
The 4th instant the thermometer at Quebec at 8 Oclock AM was 77.

August 1811.

Thursday 1. NE. 70. 63. 61 Cloudy, rain 1 Inch 2 10th Newmarkett
Friday 2. W. 53. 74. 61. Fair. Newmarkett to Epping.
Saturday 3. SW. 58. 85. 74. Fair. Epping to Northwood.
Sunday 4. SW. 64. 80. 69 Fair. moon pulled 10 h: 9 m. aftn.
Shewn in the even. distant thunder & lightning. Rain 2, 10ths
Monday 5 NW. 58. 76. 62 Fair & thunder at a distance.
Tuesday 6 NW 54. 65. 62 Fair.
Wednesday 7. NW. 54. 73. 62 Fair.
Thursday 8. NW high 57. 68. 54 Fair.
Friday 9. NW. 54. 70. 62 Fair. Rain 5. 10th & 2 20th & 1. 40th
Saturday 10 SW. 58. 72. 62 Rain 1. 10th
Sunday 11. W. 63. 81. 65. Fair. Morning foggy evening
distant thunder in the N. NE & E. Moon quartered 1 h.
23 m. aftn.
Monday 12. NW. 59. 70. 61 Fair. Finished hay ing-
crop of hay not so much but of better quality
than the last year.
Tuesday 13. NW. 57. 75. 68 Fair.
Wednesday 14 W. 57. 81. 67. Fair Epping to Exeter.
Thursday 15. S.W. 59. 59. 59 cloudy. Exeter.
Friday 16. SW. 65 80. 74 cloudy rain 1. 10th Exeter.
Saturday 17 SW 66. 84. 68 Fair. Exeter to Epping.
moon changed 9 h. 28 m. aftn.
Sunday 18. SW 66 86. 78 Fair - distant thunder in
SW: at 5 & 6. at 5 & 6 Clock aftn. thunder in the 94
Monday 19. S. 68. 91. 85. Fair. At 6 O'clock at 97.
Epping to Exeter.
Tuesday 20. S. W. 74. 95. 85. Fair. at 6 Oclock at 99.
Exeter to Portsmouth
Wednesday 21. S & 74. 94. 72 Cloudy rain 1. 10th & 1. 20th
thunder & lightning. Portsmouth to Epping.

August 1871.

Thursday 22. S.thigh 69. 88. 78. Fair. Morning foggy-evening cloudy- lightning in the S.W.- in the night little thun= =der more lightning & rain 6 !10 hrs

Friday 23. NW. 72. 72. 60 Cloudy. Early in the morning a beautiful rain-bow in the West= Rain 1 Inch 3.10 hrs

Saturday 24. NW. '57. 69. 60. Cloudy-any little rain.

Sunday 25. NW. 54. 72. 65 Fair. 9 m.

Monday 26. W. 53. 73. 60 Fair. Moon quarter'd 11 h. 58 m. P

Tuesday 27. SW. 51. 74. 68 Fair

Wednesday 28 S. 60. 77. 58. Fair. Morning foggy.

Thursday 29. S. 56. 72. 60 Cloudy: rain 3.- 10 hrs & 1.- 20 hrs

Friday 30. SE 63. 73. 63 Cloudy little rain. A Cloudless night.

Saturday 31. SE 60. 75. 65 Cloudy-rain 1.40 hr foggy

Summary for August.

The thermometer at the highest was 95, at the lowest was 53- it averaged 67 & 2/3.

The wind was West 14 days; Southwest 8, South 4. North East 1. & North west 10 days.

It was fair in 21 days, cloudy in 9, rain in 10, thunder in 6, lightning in 3 & fogg in 4 days.

Of rain there fell 4 Inches 5.10 hrs & 1.20 hr

Summary for Summer

The thermometer at the highest was 95° at the lowest 50, it averaged 68 & 1/3. & little more.

The wind was west in 10 days SW 21, S. 15. SE 10, E 5. NE 7. N. 4. & NW in 2 days.

It was fair in 53 days, cloudy in 33, rain in 26, thunder in 14. lightning in 10. & fogg in 6 days.

Of rain there fell 7 inches & five tenths, and one 40 hr

40th of an inch.

Being the whole Summer, has been very little Thunder - not a Clap that has been heard Loud or near.

The season has been healthy & the crops good and ~~abundant~~ well secured, except Fruit - & that is scarce. - The quantity of hay was not equal to that of the last year but its quality was superior. Harvest proceed in fine order.

There has been no frost during the Summer when I write - tho' 10 N. there was little one night

September 1811.

Sunday 1. S. — 63. 81. 75. Fair: Morning foggy.

Monday 2. W. — 70. 85. 73. Fair. Moon full at 5h.52 m. P.M.

Tuesday 3. NW 64. 83. 78 Fair. At 5 Oclock P.M 92.

Wednesday 4. NW 71. 89. 81 Fair. At 5 Oclock P.M 93.

Thursday 5. SW. 72. 85. 68 Fair. Little distant thunder in S: & SE.

Friday 6. NW. 52. 69. 56 Fair. Moon & Stars together.

Saturday 7 SW. 49. 76. 56 Cloudy. The night cloudy at ½ past 8 P.M. nearly NW near the bottom, very black on them high, saw a considerable Comet but in half an hour after could discover nothing of it. On mentioning it to the family one of them observed it was seen on the evening of Tuesday last.

Sunday 8. NE. 45, 64. 50: Cloudy. At 8 Oclock P.M. for a few minutes saw the Comet but clouds intervened. At 9 Oclock it appeared thro a small hazy cloud, & appeared like a great fire at a great distance - it set 5 P.M. front q:

Monday 9 NE 48. 62. 53. Fair. At ½ 7 PM saw the comet - it appeared more brilliant than on any other evening in which I have seen it. Moon quartered at Noon.

Tuesday 10. NW 40, 69, 60. Fair. Saw the comet - it came in warterly.

Wednesday 11. W. 49. 77, 67. Fair - Cloudy towards night. At 4 Oclock this morning saw a comet in the NW Little more than can been light of the size & appearance of the one seen in the NW last evening & in the same relative situation as to the horizon, & it may be the same Comet, as I think it is.

Sept. 1811.

It rises at 3 o'clock A.M. & sets at 9 P.M. It is above the horizon 18 hours out of the 24

Epping to Epsom.

Thursday 12. N&. 60, 73, 64 Cloudy- little rain

at Epsom.

Friday 13. N&. 65, 73, 63, Cloudy-rain 3; 1, 14th to 20th Epsom to Northwood.

Saturday 14. S&W. 60. 78. 62 Fair-rain 1— 20th. Northwood to Epping.

The Comet sat this Evening about 45 M. past 9 o'clock P.M. When it sets it is much further east than it sat half past seven in the evening.

Sunday 15. S. W. 47. 64, 53. Fair- Epping to Newmarket.

The comet rose at 3 o'clock A.M. not quite so far east as the N&.

Monday 16. SW 56, 75, 60, Fair. Newmarket to Epping

The comet sat at 10 h. 3 m. P.M.

Tuesday 17. S. 45, 74. 63. Fair-

Moon changed 2 h. 13 m. P. M.

Between 1 & 3 o'clock P.M. the sun was eclipsed [illegible] digits- the day was fair- the thermometer sunk two degrees. + Continued 3 hours.

Epping to Newmarket

Lightning all the night in the north- + at a great distance. no cloud to be seen in the horizon.

Wednesday 18. SWhigh 64. 85. 76 Fair. Newmarket to Epping.

In the evening lightning in the North West.

Thursday 19. NW. 67. 76. 59 Fair.

Friday 20 N. 47. 60. 47 Fair. Epping to Newmarket.

Saturday 21. N&E 44 55, 44 Cloudy. Newmarket to Epping.

The comet sat at 11 o'clock P.M- Night cloudless.

+ at Thorton fell more than 5 degrees.

Sept 1811.

Sunday 22 N.E. 42, 60, 43. Cloudy - little rain.

Monday 23. N. 44, 59, 44 Fair.

Tuesday 24. S.W. 39, 64, 46 Fair.

Wednesday 25. S.W 56, 66, 54 Cloudy - rain 7, 10ths & 1. 20th

Moon quartered 11 h. 4 m. am.

Thursday 26. N.W. 45, 59, 48 Fair Epping & Exeter.

Friday 27. N.W. 40, 64, 54 Fair.

Saturday 28. S.W. 45, 72, 59 Fair.

Sunday 29. S.W. 57, 66, 47 Cloudy - Rain 2 10ths.

Monday 30. N.W. & high 40, 55, 45. Fair - Epping & Nottingham

Summary for September.

The thermometer at the highest was 89 - at the lowest it was 39 - it averaged 60 1/2.

The wind was West 2 days - South west 9 - South 3 - North East 6 - North 2 - & North West 8 days.

It was fair in 22 days foggy in one - cloudy in 8 - rain in 6 - thunder in 1 & lightning in 2 days.

Of rain there fell 1 Inch 3 tenths & 1 twentieth.

October 1811.

1 Tuesday. 1 NW 25. 48, 46 Fair.

2 Wednesday 2 S. 27. 60, 55 Fair. Moon fulled 2h. 32m. a.m.

~~Th~~ ~~Moon~~ ~~Clear~~ ~~Warm~~ ~~foggy~~ ~~cool~~ ~~after~~ ~~night.~~

Thursday 3. NW. 54. 64, 51 Fair. other.

Friday 4 SW 47. 73, 54 Cloudy. Moon & 7 Stars just each ^ part of the

Saturday 5. S & 46. 65. 46, Cloudy - Morning foggy ^ night

cloudless - residue of the night foggy & cloudy - At ten O'clock

Iris or white rainbow in the east.

Sunday 6 S & 48. 54 53. Foggy - cloudy - little rain.

Monday 7. S & 53. 57. 51. foggy, cloudy, little rain.

Tuesday 8. S. 54. 67. 66 foggy, cloudy, little rain. In the

evening all night distant lightning in the north.

Wednesday 9. SW. 64. 80, 68. Cloudy - ~~Thunder~~ 1. 10th

Rainbow in the West in the morning. The Comet rose 2 h. 40 m.

a.m. distant lightning in the S. & SW. Moon quartered 2h. 17m. a.m.

Beginning Little to Continuate.

Thursday. 10. NW 52, 63, 52 Fair. evening little rain.

Continuate to Beginning.

Friday 11. NW. 54. 77, 68 & Cloudy little rain - little dis-

= tant thunder in the west in the morning.

Saturday 12 SW high 68. 84. 68 & Cloudy - little rain.

Sunday 13. SW. 54. 72. 59 Fair.

Monday 14 NW 60 64, 48 & Cloudy. Ending to Enter.

Tuesday 15. E. 42. 49. 44 Cloudy. Rain.

at 1 O'Clock a.m. saw the comet nearly North appeared

about half an hour above the horizon.

Wednesday 16. N & E. 45. 54, 52 & Cloudy - Foggy - rain in these

two days one inch.

Thursday 17. NW 44. 52. 39 Fair. Moon changed 7 h. 25 m. a.m.

Friday 18 SW 25. 59. 46 ~~Fair~~ Fair.

Finished my harvest of Indian Corn - the crop of which, in general,

are very good through the country, mine not very good.

Saturday 19. S high 44. 74. 62 Fair.

Octr 1811

Sunday 20. S.S.High 67.75, 46 Cloudy-Rain 4. 10th

Monday 21 N.W. 30.42, 31. Fair.

At 5 O Clock am. tho' the horizon was clear the Comet was not up- a 6 O Clock P.M. it was due west.

Tuesday 22 E. 30, 53, 44. cloudy. Rain

Wednesday 23. S. 60, 62, 48 cloudy- Rain yesterday & to day 1 Inch 4 tenths This morning in going out doors the warmth of the air was sensible on me. 10 hrs

Thursday 24. N E. 36, 38, 34. Cloudy. Moon appeared 8 h. 32 m. P.M. In night fleet in small quantity.

Friday 25 N E. 29, 32, 29 Cloudy-rain 1 Inch. In the evening snow 1, 10th.

Saturday 26. N.W. 32, 36, 31. Cloudy-little rain & little snow.

Sunday 27. N W. 22, 49, 40. Fair. The night serene & not a breath of air moving. The ice north side of the herrid did not thaw

The comet sets in the NW & rises later then the Sun.

Monday 28. NW. 35, 61, 54 Fair.

Tuesday 29. N E 48, 50, 40. Fair Shipt to Portsmouth & Newmarket. Finished making cyder - made 16 barrels.

Wednesday 30. N E. 30, 44. 40. Cloudy. Newmarket to Epping.

Thursday 31. S E High 45, 48, 48 Cloudy. Rain 2 Inches q. 10 hrs

Moon fulled 0 h. 35 m. A. M.

Summary for October.

The thermometer at the highest was 84 at the Convent 22, it averaged 50 ½.

The wind was South west in 5 Days, S. 5, S.E. 4, E. 2. N E 5. & North West in 10 days.

It was fair in 12 days. cloudy in 19. fogg 5. rain 15, lightning 2. Thunder 1. Hail 1. & snow in 2 days.

Of rain there fell 6 Inches & 8 tenths

Of snow one tenth of an Inch.

Note The Comet was seen in England Sept 21. 1811.

November 1871.

Friday 1 SW. 58. 45 Cloudy-Mennip foggy. moon q
Saturday 2. W. 36. 48. 36. Fair.
Sunday 3. N. 36. 49. 39 Fair.
Monday 4 NW. 30. 49. 38. Fair.
Tuesday 5. W. 28. 54. 43 Fair
Wednesday 6 SE 42. 48. 44. Cloudy-rain 1 Inch 3 10 Hrs & 1.20
Epping to Newmarket.
Thursday 7. W. 42. 53. 49. Cloudy. Moon quartered 8 h.
32 m.
Friday 8. S W. 46. 53. 48. Cloudy-rain
Wild geese flew into the South.
Saturday 9. S E. 48. 54. 51 Cloudy. Foggy-Rain } 2. 10 Hrs
Sunday 10 NW 39. 51. 40 Fair.
Monday 11 E. 32. 44. 38 Fair.
The Comet sat at 11 Oclock P.M.
Tuesday 12. S.E. 30. 46. 28 Fair. Epping to Candia.
Wednesday 13. S. 29. 46. 41 Cloudy.
Thursday 14. NW 35. 46. 37. Fair.
Friday 15 NW. 33. 41. 31. Fair. Moon changed 11 h. 44 m. P.M.
Saturday 16. E. 25. 45. 40 Cloudy-Rainy in the night 1 Inch 3. 10 Hrs
Sunday 17. NW. 47. 52. 37. Fair.
Monday 18. NW 26. 38. 27 Fair.
Tuesday 19 NW. 25. 37. 27 Fair Epping to Nottingham.
Wild geese flew.
Wednesday 20. NE. 21. 22. 21. Cloudy. Snow 4 Inches.
Wild geese flew to the S. W.
Thursday 21 NE 30. 35. 34 Rain 2. 10 Hrs
Friday 22. N.W. 34. 39. 32 Fair
Saturday 23. S W. 30. 41. 39 Cloudy. Moon quartered 4 h.
52 m. am. Evening little rain.
Sunday 24 NW 39. 46. 31 Fair.

Novr 1811.

Monday 25. N.W. 16, 23, 16. Fair.
Tuesday 26. W. 12, 26, 19 Fair.
Wednesday 27. S.W. 15, 41, 34 Cloudy ~~little~~ rain 1.-86th
Thursday 28. S.W. 36, 44, 39 Cloudy. little rain.
Friday 29 N.E 33, 32, 31 Cloudy-rainy. 2 rain
Moon & 7 Stars had each other
Saturday 30. N.E 41, 52, 48 Cloudy, foggy, rain 2 inch 80 1.
Moon full d. 29 Aft 12 PM.

Summary for November.

The Thermometer at the highest was 58, at the lowest 12, it averaged 37 & 5/6.
The wind was West in 4 days, South west 5, South 1, South east 3, East 2, North East 4, North 1, and North west 10 days.
It was fair in 16 days, cloudy in 13, foggy in 3, rain in 9 & snow on one day.
Of rain there fell 5 inches 1.20th & 1.40th
Of Snow there fell 4 inches.

Summary for December.

The Thermometer at the highest was 89, at the lowest 12, & it averaged about 49 1/2.
The wind was west in 6 days, South west in 19, South 9, South East 7, East 4, North East 15, North 3, & North west in 28 days
It was fair in 50 days, foggy in 9, cloudy in 40, rain in 30, Thunder in 2, lightning in 4, hail in 1, & snow in 3 days.
Of rain there fell 1 foot 1 inch 2.10ths & 1.40th
Of snow there fell 4 inches one 10th

December 1811.

Sunday 1. W. 34. 43. 37 Fair.

At 7 O'Clock P.M. The comet was near & W. near the great star of the Eagle. The comet is faint - scarcely visible when the moon shone - it set ~~before~~ Little about ten O'clock.

Monday 2. W. 31. 42. 28. Fair.

Tuesday 3. NW. 24. 43. 39 Fair

Wednesday 4. W. 36. 52. 39. Fair.

Thursday 5. S.E. 28. 44. 46. Cloudy Rain 1 Inch 6. 10ths

Friday 6. S. 50. 54. 35 Cloudy Rain 1. 20th

The Comet set this evening 9 h. 18 m. P.M.

Saturday 7. SW 38. 45. 36. Fair. Moon quartered 5 h. 40 m. P.M.

Sunday 8. SW 36. 35. 27 Cloudy - Rain 6 - 10ths

Monday 9. W. 20. 30. 25. Cloudy.

Tuesday 10. SW. 20. 33. 25. Fair.

Wednesday 11. SW. 27. 39. 30 Cloudy.

Thursday 12. W. 28. 39. 26. Fair.

The Comet set this evening at 9 O'Clock.

Friday 13. NW. 28. 33. 20 Fair.

Saturday 14 N.E. 15. 18. 10 Cloudy.

Sunday 15. N.E 2. 19. 18 Cloudy.

Moon changed 2 h. 27 m. P.M.

Monday 16. SW 24. 35. 30 Fair. Morning cloudy

Snow 1 1/2 Inch.

Tuesday 17. N.E. 25. 34. 30. Cloudy.

Wednesday 18. N.E 34. 36. 43 Foggy, cloudy rain.

Thursday 19 NW & high 40 26. 9. Cloudy, Rain. & Snow 1 40th Rain three 2 days 1 Inch 5 10ths & 1. 40th

Friday 20 NW & high 1. 7. 4. Fair

December 1811.

~~Saturday~~ 21. NW. 5, 23, 24 Cloudy - evening snow 2 Inches.
Sunday 22. NW 20, 34, 28. Fair. Moon quarter'd 0 h 46m P.M.
Monday 23. SW. 25, 37, 34. Cloudy - Evening rain 2,10ths 21 20ths ~~Little~~.
Tuesday 24. NNW high 19, 10, 4 Cloudy Snow 7 8 Inches
Wednesday 25. NNW high 1, 12, 13 Cloudy - Snow
Thursday 26. SW. 15, 30, 24. Fair. Moon ♂ 7 stars perhaps.
Friday 27. SW. 19, 32, 17. Fair.
Saturday 28. NE. 19, 23, 12 Cloudy.
Sunday 29 NW high 8. 15, 14 Cloudy. Snow much
drifted. Moon full'd 2h. 27m. P.M.
Monday 30 NW. 12, 27, 19. Fair.
Tuesday 31 NW 16, 30, 22 Fair.

Summary for December.

The thermometer at the highest was 54 at the be-
ginning, it averaged little more than 23.

The wind was West in 9 days, South west in 5, South
in 1, South east in 1, north east in 5, & North West in
10 days.

It was fair 15 days & cloudy 16 - it rained in 6 days,
was foggy in one & snow in 11 days.

Of rain there fell 4 Inches & 1 fortieth.
Of snow 10 Inches & 1 fortieth.

Summary for the year 1811.

The Thermometer at the highest was 95, at the lowest 8 below zero, & it averaged 47 1/3°.

The wind was west 33 days, South West 71, South 36, South East 29, East 15, North East 58, North 23, and North west 100 days.

It was fair 196 days & cloudy 169 days.

It rained in 93 days, it snowed in 33 days, hailed in 1, was foggy in 28, thundered in 19, & lightned in 18 days.

Of rain there fell 2 feet 7 inches 6 tenths.

Of snow five feet 11 inches & 2 tenths.

January 1812.

Wednesday 1. N.E. 31. 37. 39. Cloudy-Rain } Inches 10th
Thursday 2. N.E 34. 34. 28 Cloudy-Rain } 2 & 2.
Snow in the evening a very little.
Friday 3. N.W. 25. 27. 24. Cloudy-Snow ½ Inch.
Saturday 4. S.W. 25, 34. 31 Cloudy little snow.
Sunday 5. N.W 27. 40. 35. Fair. P.M.
Monday 6. S.W 26. 36, 33 Cloudy. Moon quartered 3h. 35m.
Tuesday 7 W 25, 36, 24 Fair.
The Horizon was clear the comet was so low as scarcely to be visible-
It was at 4 o'Clock SW.
Wednesday 8. S.W 23, 34, 25 Fair.
Thursday 9. N.W 12, 19, 11. Fair.
Friday 10. N.W. 12. 24, 14. Fair-
Saturday 11. N.W 9, 23, 11. Fair.
Sunday 12 N. 3, 18, 15 Cloudy-Very little Snow-
in the evening 1. 20th.
Monday 13. N.W. 12. 24, 17. Cloudy.
Tuesday 14 N.W 7, 23, 27. Fair Moon changed
3h. 40m. a.m. Sailing to Portsmouth.
Wednesday 15. W. 37, 27, 12- Cloudy- Portsmouth
Thursday 16. N.W. 1, 5, 0/3.- Fair- Portsmouth.
Friday 17. N.W. 9° 9, 1. a little snow-1. 10th
Portsmouth
Saturday 18. N.W. 10° 7°, 14°. Fair- Portsmouth to Epping.
Sunday 19. N.E 12°, 3°, 1° Cloudy, Snow 4 Inches
Monday 20, N.E. high 4°, 0, 6 Cloudy, Snow
Moon quartered 9 h. 10 m. P.M. Snow much drifted.
Tuesday 21. N.W. high 1°, 1, 4° Cloudy.
Wednesday 22. S.W. 11°, 2°, 9° Fair. Moon & Stars shaded.

Thursday 23 S.W. 10, 23, 17. Cloudy.
Friday 24 N.E. 11, 15, 15 Cloudy. Snow 3 inches.
Saturday 25 N.W. 19, 32, 27 Fair.
Sunday 26. N. 30, 44, 36 Cloudy rain 1. 10th
Monday 27. N.W. 34, 35, 25, Cloudy.
Tuesday 28 S.W. 11, 24, 20, Cloudy. Moon full 7h. eve.
Wednesday 29. N.E. 8, 21, 17 Cloudy Snow 2 Inches.
Thursday 30, N.E 25, 34, 29, Cloudy-Foggy-Rain little.
Friday 31. N. 29, 39, 32 Cloudy-foggy.

Summary for January.

The thermometer at the highest was 44, at the lowest was 14 below zero - it averaged little more than 18.
The wind was west 3 days, South West 4, North East 7, North 3, & North west 14 days.
It was fair in 11 days, cloudy in 20, rain in 4, snow in 9, foggy in 2 days.
Of rain there fell two inches & 3 tenths of an inch.
Of snow 9 inches five tenths & 1 twentieth of an inch.
In Brunswick district of Maine on the 9th Fahrenheit Thermometer (6 feet from the surface of the ground) at five o'clock A.M. was 28° below zero. See Brunswick Centinel of Feby 19th.

February 1812.

Saturday 1. NW 24. 33. 24 Fair.
Sunday 2. SW. 7. 38, 40 Cloudy.
Monday 3. SE. 30. 37. 36 Cloudy Rain 7 10th & 11th 20th
Tuesday 4. NW. 39. 33. 23 Fair.
Wednesday 5 S.W. 20, 39, 25 Cloudy Snow, 1/2 Inch. Moon quartered at noon.
Thursday 6 NW. 2, 8. 6 Fair, a cloudless horizon.
Friday 7 SW. 18. 39. 34 Fair.
Saturday 8. SE. 39. 44. 39. Cloudy, foggy rain 1 Inch 5. 10th
Sunday 9 NNW high 36, 29. 23 Fair.
Monday 10. SW. 20, 35, 32 Cloudy.
Tuesday 11 NE. 19. 21. 20 Cloudy Snow 5 Inches.
Wednesday 12. NNW high 5. 7. 2 Fair. Snow drifted into heaps.
Moon changed 3h. 19m. P.M.
Thursday 13. W. 1, 24, 14 Fair.
Friday 14. S. 10, 32; 36 Cloudy-Snow 1 inch-Foggy-
Rain 1. 16th
Saturday 15. W. 35, 41. 29. Fair.
Sunday 16 NE. 10. 20. 16 Cloudy.
Monday 17, NE. 12. 18. 18. Cloudy-Snow 1 1/2 Inch.
Tuesday 18. E. 22, 36. 30 Cloudy.
Wednesday 19 NW. 17. 32. 15 Fair. Moon 47 after passed-
Moon quartered 6 h. 50 m. A.M.
Thursday 20. NW. 11, 16, 8. Fair.
Friday 21. W. 4. 18, 15. Fair.
Saturday 22. W. 11. 30, 22. Fair.
Sunday 23 NE. 17. 23, 15 Cloudy, Snow 2 & 8 Inches.
Monday 24 NE 5, 16, 5 Cloudy Snow 2 & 8 Inches.
Tuesday 25 SW. 5. 26, 17. Cloudy.
Wednesday 26 NW high 22, 34, 14 Cloudy Snow 3 Inches.

Febuary 1812.

Thursday 27. N.W. high 8. 1. 6 Cloudy. Moon fulled 1 h. 8 m. A. M. Total eclipse of Moon in the Night. Sunday Eclipse wind west to high.

Friday 28. N.E. 7. 23. 7 Cloudy. Snow 5. 10 Inches

Saterday 29. N. E. 10. 10. 9 Cloudy. Snow 3 inches.

Summary for Febuary.

The Thermometer at the highest was 44. at the Lowest 8 below Zero, it averaged little more than 21 1/2.

The wind was West 4 days. S.West 5, South 1. South East 2. East 1. North East 7. North West 9 days.

It was fair in 12 days & cloudy 7. it rained in 2. Snowed in 9 & was foggy in one day.

Of rain there fell two inches. 2, & 1. 10 lb. 20 lb.

Of Snow there fell one foot 10 1/2 Inches.

Summary for the three Winter Months.

The thermometer at the highest was 54, at the Lowest 14 below zero, it averaged 20 & 3/4:

The Wind was West 16 days, South west 14 days, South 2. South East 3, East 1, North East 19, North 3, & North West 33 days.

It was fair 38 Days & cloudy 53; it rained in 12 days, was foggy in 4 & Snowed in 22 Days.

Of rain there fell 8 inches. 5, 1, & 1. 10 lb. 20 lb. 40 lb.

Of Snow there fell 3 feet 6 inches 1, 2 1/2, & 1. 10 lb. 20 lb. 40 lb.

March 1812.

Sunday 1. NW 7, 15, 6 Fair.
Monday 2 NW. 0 T, 18, 10. Fair.
Tuesday 3. W 0, 22, 9 Fair
Wednesday 4. SW 0 4, 27, 22 Fair
Thursday 5. S. W. 23, 47, 32. Fair.
Friday 6. NW. 33, 41, 22. Fair. Moon quartered 5h. 7m. a.m.
Saturday 7. SW. 10, 25, 17 Cloudy.
Sunday 8. NE. 12, 30, 22 Cloudy.
Monday 9. N. 20, 36, 22 Fair.
Tuesday 10. SW. 15, 34, 24 Fair.
Wednesday 11. SW 29, 47, 40 Fair. Snow ½ Inch.
Thursday 12. NWhigh 24, 28, 19 Fair.
Friday 13. NWhigh 11, 28 17 Fair. Moon changed 1h. 45m. a.m.
Saturday 14. N. 14, 30, 22 Cloudy.
Sunday 15. NE 19, 24, 20 Cloudy. Hail, Snow ½ Inch.
Monday 16. NE. 25, 39, 33. Cloudy. Rain 2 Rain 10th
Tuesday 17. NE 32, 36, 32 Cloudy Snow 1 Inch. Rain 3.
Moon 27 Stars pulled.
Wednesday 18. NW 19, 24, 13 Fair.
Thursday 19. NW 9, 25, 18. Fair. Moon quartered 6h. 13m. P.M.
Friday 20. NE. 18, 35, 29 Cloudy. Robbins appear.
Saturday 21 NE 30, 35, 32 Cloudy.
Sunday 22 NE 28. 44, 33 Fair. Blue birds appear.
Monday 23 NE 31, 38, 26 Fair.
Tuesday 24. NE. 24, 35, 25 Fair. Killdeer appear.
Wednesday 25. SE. 18, 42, 30 Fair. Black birds appear.
Thursday 26. S. 31, 46, 42 Cloudy – little rain. Pidgeons & Woodwalk appears Pewees.
Friday 27 E. 38, 51, 38 Fair. Larks appear. Moon full 7h. 40 m. P.M.

March 1812.

Saturday 28 No. 34, 36, 33 Cloudy - Rain, Hail & Snow
Sunday 29 No 32, 33, 33 Cloudy, Rain, Snow all day
but thawed tho' not so fast as it fell.
Monday 30 No 28, 33, 28 Cloudy - Snow
for the 2 days Snow 1 foot, Rain 1. 10th
Tuesday 31. No. 24, 35, 28 Fair.

Summary for March.

The Thermometer at the highest was 57. at the lowest
it was 4 below Zero, & it averaged 29 1/2.
The wind was west 1 days, South West 5. South 1.
South East 1. East 1. North East 13. North 2.
& North West 7 days.
It was fair in 19 days, cloudy in 12. Snow in 6.
hail in 2 & rain in 5 days.
Of snow there fell 1 foot 2 Inches
Of Rain there fell 14 tenths of an inch.

April 1812.

Wednesday 1. N°. 26. 46. 31 Fair. Wood peckers appear.
Thursday 2. SW 31. 51. 39 Fair. Striped squirrels appear.
Friday 3. E. 31. 54. 35 Fair. Nuthatches appear.
Saturday 4. E. 34. 45. 35 Fair. Moon quartered 6h. 30m. PM.
Sunday 5. SE 34. 39. 37 Bloudy. Rain 1.40th
Monday 6. NW 37. 39. 32 Fair.
Tuesday 7 N° 25. 39. 32 Bloudy. Venus & 7 Stars peped.
Wednesday 8. NE. 32. 37. 31 Bloudy Snow 2 Inches.
Thursday 9. E. 31. 46. 32 Bloudy. Fair.
Friday 10. E 36. 48. 49. Bloudy. Foggy. rain, 1 inch & 3 10ths
Saturday 11. SW. 33. 62. 48. Fair. People began to plow. 2. 20ths Frogs appear.
Moon changed 10h. 36m. am. Little rain in the night.
Sunday 12. NW 28. 34 29. Fair. Butterflies appear.
Monday 13. N°. 29. 33. 31 Bloudy - Snow 3 Inches.
Tuesday 14. NW. 29. 45. 36 Fair. Moon parted the 7 Stars & was also opposite to Venus.
Wednesday 15. SW. 32. 56. 46 Bloudy.
Thursday 16. S. W. 41. 48. 38. Bloudy Sipping to Portsmouth.
Friday 17. N. E. 38. 47. 44. Bloudy little rain 1 20/100
Portsmouth. Swallows appear.
Saturday 18. SW. 48. 71. 57. Fair. Portsmouth to Epping.
Martins appear. Moon quartered 8h. AM.
Sunday 19 N° 47. 64. 48 Bloudy, rain 4. 10ths
Monday 20. N. 41. 57. 43 Fair.
Tuesday 21. N°. 35. 43. 32. Fair. Epping to Newmarket.
Wednesday 22. NE. 31. 50. 38 Bloudy - Little Rain Newmarket to Epping.

April 1812.

Thursday 23. NW & high 41. 54. 37 Fair - Rain 1. 40th.
Friday 24. SW. 29. 58. 47. Fair.
Saturday 25. S. 39. 71. 48 Fair.
Sunday 26. NW. 47. 51. 43 Fair Moon fulld 0. 37 m. P.M.
Monday 27. NW. 32. 55. 44 Cloudy - little rain.
Tuesday 28. NW. 35. 47. 38 Fair.
Wednesday 29. NE 31. 50. 35 Cloudy. In the evening
Snow. 1. 20th
Thursday 30. E. 35. 50. 47 Cloudy little rain.

Summary for April.

The thermometer at the highest was 71. at the lowest 25. it averaged little more than 41.
The wind was South west 6 days, South one, South East 5, East 1. North east 9. North 1. & North West 7 days.
It was fair in 16 days, cloudy in 13. foggy in 1. & snow in 2 days - it rained in 8 days.
Of snow there fell 9 inches & 1 twentieth.
Of rain there fell 1 inch & 9 tenths.
Note, the 13th day of this month it snowed all day at Richmond, Virginia.

May 1812

Friday 1 NW/High 39. 52. 38. Fair.
Saturday 2. NE. 35, 52, 46 Cloudy.
Sunday 3. NE 48, 41. 35 Cloudy. Little snow, Cattle
heid = rain 1. 10th
Monday 4. NE. 33. 34. 32 Cloudy. Moon quartered 4h. AM.
Snowed all the day. Began to plant my potatoes.
Tuesday 5. NW/Low high 33, 40, 39 Cloudy- Snow. The snow that fell
yesterday & to day was equal to 1 foot if ~~not~~ it had not dissolved as it fell.
Wednesday 6. NW. 38. 44, 39 Cloudy. Some began to plant Corn.
Thursday 7. NW. 39, 52, 43 Cloudy. Ground froze in the night.
Friday 8 N. — 39 55. 44. Cloudy. Night hawks appear.
Jupiter & Venus passed each other.
Saturday 9 NE. 44, 60, 40 Fair.
Sunday 10 S. 36. 62. 45. Fair New Moon 7h. 0M.
Monday 11. SE. 41, 67, 52 Fair Bobolinks appear.
Tuesday 12. S. 48. 68. 55 Cloudy Rain 10th & 1 20th
Wednesday 13. NW 51, 60, 49 Fair. Frost in the night.
Thursday 14 S. 40. 65, 51 Fair. The Moon & Venus passed
Wrens & King birds.
Friday 15. SE. 45, 61. 48 Cloudy.
Began to sow my Oats.
Saturday 16, NE/Very strong 45, 43. 40. Cloudy-rain 1 Inch 7 10th & 1. 40th
Sunday 17 NE. 40. 48 41 Cloudy. Moon quartered 11 h. 3M. PM.
Monday 18 NE. 40. 39. 38 Cloudy, Rain 3 10th
Tuesday 19 NE 37. 46. 44 Cloudy.
Wednesday 20 NE. 40, 50, 41 Cloudy.
Thursday 21. E 42, 46, 48 Cloudy, Rain 2 Inches, 2 10 1. 40th
Foggy. Hen birds appear
Friday 22 W. 48, 58, 51. Foggy-Cloudy, Thunder & Lightning
Lightned one hill a woman at Lees Rain 3 10th 1. 20th

May 1812.

Saturday 23 NW. 46. 61, 41. Cloudy.
Sunday 24 N&E 46, 56, 52 Cloudy - little rain.
Monday 25 NW. 51, 61, 48 Fair. Peach trees blossoms.
Tuesday 26 S. 48, 68, 51. Fair. Moon full 3h. a.m. Cherries begin to blossom.
Wednesday 27. E&S 48, 66, 48 Fair - foggy. Began to sow my garden.
Thursday 28. S&E. 50, 65, 55 Cloudy foggy Rain 3.10th.
Friday 29. SW 52, 73, 54 Fair. Cherry tree in full bloom.
Saturday 30 SW. 62, 82, 66 Fair. Apple trees begin to blossom.
Sunday 31. S. 66, 83, 64 Fair, Thunder lightning in the evening & Rain 1 inch 2, 10ths

Summary for May.

The Thermometer at the highest was 83 at the lowest 32 it averaged 49 1/2
The Wind was West 1 day, SW. 2. S. 5, SE. 3, E 2, NE. 8, N. 1. & NW. 7.
It was fair in 12 days, cloudy 19; it snowed in 3 days, hail in 1, rain in 8, foggy in 4. thunder in 2 & lightning in 2 days.
Of snow there fell 1 foot 6. 10th. 20th 0.
Of rain there fell 5 inches 3 & 1.

Summary for the 3 spring months.

The thermometer at the highest was 83, at the lowest 4 below zero, it averaged 40.
The wind was West in 2 days, South West 13, South 7, South East 9, East 4. North East 30, North 4. & North West in 21 days.
It was fair 47 days, cloudy 45, snowed in 11, hailed in 3, rain in 21. foggy in 5, Thunder in 2. & lightened in 2 days.
Of snow there fell 2 feet 11 inches & 1. 10th 20th
Of rain there fell 7 inches 6. 10ths & 1. 20th

June 1812.

Monday 1	S.E.	56. 76, 59.	Foggy-fair. Lightning in the Evening. finished sowing my garden.
Tuesday 2.	S.E.	56, 75. 57.	Foggy, cloudy. Thunder & lightning - rain 1.80th Began to plant corn. New Moon 0.. 29. P.M.
Wednesday 3.	N.E.	57. 56. 57	Fogg Cloudy-rain Rain there 2 days
Thursday 4	N.	40, 54, 55.	Cloudy rain — 1.10th
Friday 5.	N.	50, 65, 53.	Fair. Epping to Concord
Saturday 6.	N.E.	60, 73, 61.	Fair. Concord.
Sunday 7.	N.W.	60, 74, 63.	Fair Concord. thunder, lightning little rain, Concord
Monday 8.	S.	64, 86, 73.	Fair - at 4 O'clock 93.
Tuesday 9	S.E.	67. 88, 63.	Fair - towards night foggy thunder lightning little rain. Concord. New Moon 3h. 14m.
Wednesday 10.	S.E.	56. 61. 56	Rainy 1.10th Concord
Thursday. 11.	E.	56. 69. 54.	Rain 2 10th 11.
Friday 12.	N.E.	53, 53. 50.	Rain. Concord
Saturday 13.	E.	49, 52. 44.	Rain. 1 inch & 5 10th 11. Concord.
Sunday 14.	E.	51. 70. 53.	Cloudy. foggy. Concord.
Monday 15.	S.E.	56. 75. 64	Fair - Concord
Tuesday 16.	SE.	59, 79, 52.	Fair. evening little rain Concord moon quarter 4h. 30 m.
Wednesday 17.	W.	53, 78. 53.	Rain 7 10th - Concord.
Thursday 18.	S.	54. 75, 59	Cloudy - Concord
Friday 19.	S.W.	60 77, 64.	Fair - Concord to Epsom.
Saturday 20.	W.	65, 81, 54.	Fair - Epsom to Epping little rain.
Sunday 21.	N.W.	60, 70, 62.	Fair.
Monday 22.	W.	58. 72, 56	Cloudy, thunder, rain 2 10th.

June 1812.

Tuesday 23. NW. 58. 73. 62 Fair.

Wednesday 24 SW. 60. 80. 68. Fair. Moon fulled 3 h. P.M.

Finished planting potatoes.

Thursday 25. NE 56. 57. 56. Cloudy, rain 1 inch 84. 20th

Friday 26. W. 59. 71. 63 Fair.

Saturday 27. E. 60. 75. 60 Cloudy. Rain 2 10th & 1. 40th

Sunday 28 SW 62. 74. 63 Fair. Foggy.

Monday 29 NW 61. 69. 62 Fair

Tuesday 30 NW 56. 65. 63 Cloudy Rain 3. 10th —

Summary for June

The thermometer at the highest was 88. at the lowest it was 40, it averaged 62.

The wind was West 4 days, South west 3. South 2. South East 6. East 4. North East 3. North 2 & North West 6 days.

It was fair 16 days & cloudy 14, it rained in 13 days, foggy in 5, lightning in 4, & thunder in 4.

Of rain there fell 4 Inches 2 10th 1 20th & 1 40th

July 1812

					O.M.
Wednesday 1.	NW.	54.	65.	57.	Fair. Moon quartered 3h. 19m. A.
Thursday 2	SW.	54.	70.	61	Cloudy. Little rain.
Friday 3.	N.W.	69.	78.	76	Fair. Lightning to Portsmouth.
Saturday 4.	N.W.	67.	87.	73	Fair. Portsmouth Lightning.
Sunday 5.	NW.	74.	83.	69	Fair.
Monday 6	W	66.	84.	70	Fair.
Tuesday 7.	S W	74.	83.	65	Fair - Even. distant Thunder & lightning in the South West.
Wednesday 8.	E.	58.	65.	56	Cloudy. Rain 9. 10th of Rain.
	Moon quartered 0h. 29m. AM.				
Thursday 9.	NE	57.	63.	59	Cloudy - Rain little
Friday 10	E.	57.	64.	59	Cloudy. Rain
Saturday 11	NE	57.	57.	54.	Cloudy. Foggy, Thunder & lightning. Rain 3 10ths & 5. 20ths
Sunday 12	NW.	59.	77.	67	Fair.
Monday 13	NW	63.	77.	72	Fair.
Tuesday 14	SW.	66.	79.	76	Fair.
Wednesday 15	S	73.	88.	61.	Cloudy, thunder lightning and rain 1 Inch 1 10th & 1. 20th It rained only 1 hour & 20 minutes.
Thursday 16.	NW	57.	66.	59.	Fair. Moon quartered 9h. 29m. A.M.
Friday 17.	NW.	55.	78.	68	Fair.
Saturday 18.	S.	61.	82.	66	Cloudy thunder lightning and little rain.
Sunday 19.	NW.	63.	73.	62	Cloudy. Rain 4 10th & 1. 40th
Monday 20.	SW.	60.	73.	66	Cloudy distant Thunder & lightning - little rain.
Tuesday 21.	SW	65.	74.	63	Fair. Foggy.
Wednesday 22	SE	65.	79.	66	Foggy. cloudy Thunder & lightning Rain

Thursday 23 NW. 63, 81, 66 Fair - Morning rain fell
then 2 days 1 Inch 8.^{10th} & 1.^{20th}

Friday 24 E 63. 73. 60. Foggy cloudy much thunder
& lightning rain. 1.^{10th} 1.^{20th} & 1.^{40th}
moon filled 1 h. 9 m. am.

Friday 25 N. 59. 76, 61 Foggy cloudy distant thunder
rain 1.^{80}

Sunday 26 NW. 60 76.67 Fair.

Monday 27 W 60, 80, 70 Fair distant lightning in the Evening.

Tuesday 28. W. 61, 77, 65 Thunder, lightning cloudy rain
1.^{80} th Evening clear - night foggy.

Wednesday 29 SE. 60. 75, 62 cloudy foggy, rain

Thursday 30 E. 62. 74 62 Foggy, cloudy, much thunder
lightning - rain there 2 days 8.^{10th} 1.^{20th} & 1.^{40th} Moon quarter 7h. 40m. am.

Friday 31. E 60. 79. 62. Fogg, cloudy distant thunder
& lightnings.

Summary for July.

The thermometer at the highest were 88 at the lowest was 54, & averaged 60 & 2/3?

The wind was West 3 days, South west 5, South 2, South east 3, East 4, North East 2, North 1, North West 11 days.

It was fair 15 days & cloudy 16 days; it was foggy in 9 days, thundered in 11, lightned in 11, & rained in 16 days.

Of rain there fell 16 inches, 1.^{10th} 0 & 1.^{40th}

I have as yet mowed not one acre of my grass, & what is mowed is nearly spoiled - tis impossible to get hay, mine indeed is most of it too green.

August 1812.

24
Saturday 1. E. 62. 81. 65. Cloudy in evening distant
Lightning - rain 1.80 P.M.
Sunday 2. NW 66. 77. 65 Fair.
Monday 3. NW 64. 74. 65 Fair.
Tuesday 4 NW 57. 75. 65 Fair.
Wednesday 5. N.W. 55. 81. 64 Fair - Epping to Epsom.
Thursday 6. E. 61. 71. 62. Cloudy - rain 1.10 P.M. - Epsom to Concord
Friday 7. NW 62. 81. 67. Fair - Concord.
Moon changed 6 h. 17 m. am.
Saturday 8. S.W. 60. 80. 69. Fair - Concord to Epsom.
Sunday 9. W. 70. 82. 72. Fair - Epsom to Concord
Monday 10. S. - 66. 81. 69 Cloudy Concord to Epping.
Tuesday 11. N. E. 59. 60. 58 Cloudy. Rain } Rain 3 inches.
Wednesday 12 NE. 54. 56. 55 Cloudy - Rain }
Thursday 13. NE. 56. 58. 55 Cloudy. Rain
Friday 14 NE 57. 62. 56 Cloudy Rain 5. 10h. 1. 20h. 1. 40h.
Saturday 15. N. 56. 74. 63. Fair. little rain & thunder.
Moon quarter end 10 h. 20 m. a M.
Sunday 16 NW. 60. 76. 63 Fair.
Monday 17. NE 58. 63. 57 Foggy Cloudy Rain 6. 10h. 2. 20h.
Tuesday 18. N. 52. 75. 62 Fair.
Wednesday 19. SE 59. 77. 68 Cloudy - foggy.
Thursday 20 SW 68. 80. 70 Fogg. Cloudy little rain } Rain 1 Inch
Friday 21 NE 65. 76. 60. Fogg cloudy Rain } 3 10 hrs
Saturday 22 NE 60. 64. 62 Fogg. cloudy. rain }
Moon fulled 10 h. 28 m. a m.
Sunday 23 S.E. 62. 79. 69 Fair.

Monday 24. SW. 66. 80, 69. Foggy - Fair.
Tuesday 25 SW. 63, 84. 74 Foggy Fair.
Wednesday 26 W. 62, 81. 59 Fair.
Thursday 27. NW. 49. 73. 58 Cloudy
Friday 28 NW 48, 69. 61 Fair.
Saturday 29 W 56, 80, 66 Fair. Moon quarter 1 h. 20 M. am.
Sunday 30 NW 62, 79, 58 Fair. Even. rain 1.^{80}/$_{100}$
Monday 31. N. 49, 69, 51 Fair.

Summary for August.

The thermometer at the highest was 84, at the lowest 48, it averaged 65 1/2.
The wind was West 3 days, South West 4, South 1, South East 2, East 2, North East 7, North 3, North West 9 days.
It was fair 18 days; cloudy 13; rain in 12 days; foggy in 7; thunder in 1 day, & lightning in 1 day.
Of rain there fell 5 Inches & 7.^{10}/$_{100}$ths.

Summary for the 3 Summer Months.

The thermometer at the highest was 88, at the lowest 40. it averaged 62 1/2.
The wind was west 10 days, South west 12, South 5, South East 11, East 10, North East 12, North 6 & North West 26 days.
It was fair 49 days, cloudy 43; it rained in 41 days, foggy in 21, Lightning in 16 & thundered in 16 days.
Of rain there fell one foot 4 inches & 1.^{10}/$_{100}$

September

226

Thursday 1. SW 46. 70. 57 Fair. Wind Light airs in the North

Wednesday 2. S. 51. 78. 68 Cloudy - Light airs in the North in the evening & night & some thunder very loud - very little rain not so much as a common dew.

Thursday 3 SW 63, 77, 60. Fair.

Friday 4. NE 54, 58, 52. Cloudy.

Saturday 5 NE 49. 62. 56 Cloudy Little rain in the night.

Moon changed 2 h. 13 m. P.M.

Sunday 6. NE 52. 64. 52 Fair.

Monday 7. NE 51. 65. 52 Fair. Moon visible

Tuesday 8. E. 52, 67. 49 Fair.

Wednesday 9 NW 53, 76. 64. Fair.

Thursday 10. NW 53, 68. 57 Fair.

Friday 11. SW 49. 71. 57 Fair

Saturday 12. S. 52, 75, 66 Fair.

Sunday 13. SW 65, 82, 75 Fair. Very cloudy much lightning & some thunder Rain 2 10h 1. 20h Moon quarters 6h 15m. P.M.

Monday 14. NW 54. 66, 49 Cloudy.

Tuesday 15. NW 51. 65, 50 Fair.

Wednesday 16. NW 46. 67. 53 Fair.

Thursday 17 SW. 44. 72, 55 Fair.

Friday 18 S. 55. 66, 52 Cloudy Rain 1h 10m 1. 20h

Saturday 19. NW 44. 61. 50 Fair.

Sunday 20 W 38. 47. 38 Cloudy, rain 1. 30h Moon fulled 7 hours 9 minutes P.M. Fort in the night killed the corn.

Monday 21 NW. 41, 54, 43 Fair.

Tuesday 22 NW 44. 54. 43 Fair, Little rain. Great frost.

Wednesday 23 NW 34, 59. 45 Fair

Thursday 24 E. 36, 60, 40 Fair.

Friday 25. SW. 47. 57, 50 Cloudy.

Saturday 26 SW 34. 62. 50 Fair.

September 1872

Sunday 27. NW 49, 62, 43. Cloudy.
Moon quarter 9 h. 50 m. a.m.
Monday 28. NW 34, 56, 40 Fair.
Tuesday 29. NE 32, 54, 44 Fair
Wednesday 30 NE. 49, 62, 63 Cloudy - Little rain

Summary for September.

The thermometer at the highest was 82, at the lowest 32, it averaged nearly 55.
The wind was West 1 day, South west 7, South 3, East 2, North East 6 & North west 11 days.
It was fair 21 days, cloudy 9, it sprinkled in 2 days, thunder in 2 & rain in 7 days.
Of rain there fell 4 tenths of an inch.

~~Summary for September.~~
The thermometer at the highest was

October 1812.

228 Fair.

Thursday 1. NW 54, 72, 63.
Friday 2. W. 56, 80, 60 Fair
Saturday 3. SW. 61, 69, 71 Cloudy. Foggy- rain 1 Inch 16 hts 40 hts
Sunday 4 W 56, 80, 71 Cloudy. Foggy rain 5 1.. 5, 1. am.
Monday 5. NW. 65, 67, 52 Cloudy Foggy rain ~~9 pm~~ 7h 33m
Tuesday 6 NW 47, 68, 56 Fair. New Moon
Wednesday 7. NW this p 47, 49, 39 Fair.
Thursday 8 SW. 31, 55, 47. Cloudy Little rain.
Friday 9. NW 43, 53, 41 Fair. Small Aurora Borealis
Saturday 10. NW 36, 48, 35 Fair.
Sunday 11. W. 28, 59, 50 Fair.
Monday 12, NE. 46, 46, 39 Cloudy-Rain. Rain 1 88 hts.
Tuesday 13. NE 39, 48, 40 Cloudy rain Foggy.
NW this p 32, 41, 32 Fair Little rain hail & Snow.
Moon quarters 9 h. 40 M. P. M.
Wednesday 14. W. 27, 48, 41 Fair.
Thursday 15. W. 38, 67, 55 Fair.
Friday 16. NE 48, 54, 48, Cloudy. Foggy-Little rain.
Saturday 17. NW 40. 54, 48 Cloudy.
Sunday 18, N. 39, 49, 41. Cloudy very Little rain.
Monday 19. NW. 35, 49, 38 Fair.
Tuesday 20, SW 25, 51, 40 Fair Moon full'd 4h. 10 M. P M.
Wednesday 21 NW 43, 58, 43 Fair- Little rain- Rainbow this morning. Moon & 7 Stars Defied.
Thursday 22 NW 32, 50, 37. Fair.
Friday 23 SW 32, 43, 40 Cloudy Little hail-rain 1. 20 hts
Saturday 24. NW 34. 51. 41 Fair.
Sunday 25. SE 36, 55, 48 Cloudy.
Monday 26, SE 52, 60, 57 Cloudy- Rain 1. 10 hts
Moon quarters 10 h. 13 m. P M.
Tuesday 27. SW. 40, 55, 44 Cloudy.
Wednesday 28 E 41, 46, 46 Cloudy-Rain 1 Inch & 1. 20 hts
Thursday 29 NW 44, 51, 42 Fair.
Friday 30 SW. 34, 57, 48 Fair.

October 1812.

Saturday 31. SW. 42, 60, 56 Cloudy-rain very little.

Summary for October.

The thermometer at the highest was 80 at the lowest it was 25 it averaged 47 13.

The wind was West 5 days, South West 6, South 1, South East 2, East 1, North East 3, North 1, & North West 12 days.

It was fair 17 days & cloudy 14; it was foggy in 4, rain in 13, hail in 2 & snow in 1 day.

Of rain there fell 2 inches, 7, 10th 40th 1 & 1. 80th

November 1812

Sunday 1. NW. 45, 51, 43 Cloudy.
Monday 2. NW. 34, 52, 36 Fair.
Tuesday 3. NW 34, 53, 44 Cloudy.
Wednesday 4. S 32, 51, 39. Fair. Moon changed 1 h. 33 m. a.m.
Thursday 5. S 46, 67, 56 Cloudy.
Friday 6. N. 40, 44, 33. Fair.
Saturday 7. NW. 30, 39, 31 Fair.
Sunday 8. NW. 23, 42, 32 Fair.
Monday 9 NW 23, 45, 39. Fair.
Tuesday 10. SW 40, 54, 48 Cloudy. Rain 5 — 10th Foggy.
Wednesday 11. NW. 40, 49, 38 Fair. Moon quartered 10 h. 34 m. a.m.
Thursday 12 NW 30, 42, 35 Cloudy.
Friday 13. N. 32, 35, 31. Cloudy Snow
Saturday 14 NW. 30, 32, 32, Cloudy Snow 4 Inches.
Sunday 15. SW 27, 37, 32 Fair.
Monday 16 NW 30, 39, 32 Fair.
Tuesday 17. NW 29, 36, 29. Fair Rising to Concord.
Wednesday 18 NW. 29, 37, 35 Cloudy Snow 1 Inch. Concord.
Moon ~~Folded~~ 10. 31 m. a.m.
Thursday 19. NW. 28, 37, 35 Cloudy. Concord.
Friday 20. NW. 22. 31. 27 Cloudy. Concord.
Saturday 21. NW & high 26. 33, 27. Fair. Concord.
Sunday 22. NW. 37. 38. 27. Fair. Rising snow. Concord.
Monday 23. SW. 21. 40. 41. Fair. Concord.
Tuesday 24. S. 51. 46, 28. Rain 5. 10th. Concord
Wednesday 25. NW. 28, 34. 20. Fair. Concord
Moon quarter 2 h. 40 m. a.m.
Thursday 26. NW. 16. 33, 24 Fair. Concord
Friday 27. SW 36. 48, 39. Cloudy 1/2 Inch Snow — Concord.
Saturday 28. NW. 29. 36. 24 Fair — Snow 1/2 Inch. Concord.
Sunday 29 NW. 37. 41. 37 Cloudy. Foggy rain 1 Inch Concord.
Monday 30. NW. 29, 35. 29. Cloudy — Concord.

Summary for Nov 1812.

The thermometer at the highest was 67, at the lowest was 16, it averaged 38 1/6.

The wind was South West 4 days, South 3, North East 1, North 2, & North West 20 days.

It was fair 16 days, cloudy 14, rain in 2, foggy 2, and snow in 5 days.

Of rain there fell 2 Inches.

Of snow 7 Inches.

Summary for Autumn.

The thermometer at the highest was 82, lowest 16, & it averaged nearly 46 & 1/3.d

The wind was west 6 days, South West 17, South 7, South East 2, East 3, North East 10, North 3, and North West 43 days.

It was fair 54 days, & cloudy 37 days; it lightned in 2, thundered in 2, rained in 22, foggy in 6; hail in 2, & snow in 6 days.

Of rain there fell 5 Inches 1 10th, 1 40th & 1 80th

Of snow 7 Inches.

November 1812

Sunday 1. NW. 45, 51, 43 Cloudy.
Monday 2. NW. 35, 52, 36 Fair.
Tuesday 3. NW 34, 53, 44 Cloudy.
Wednesday 4. S 32, 51, 39. Fair. Moon changed 1 h. 33 m. am.
Thursday 5. S 46, 67, 56 Cloudy.
Friday 6 N. 40, 44, 33. Fair.
Saturday 7. NW. 30, 39, 31 Fair.
Sunday 8. NW. 23, 42, 32 Fair.
Monday 9 NW 23, 45, 39. Fair.
Tuesday 10. SW 40, 54, 48 Cloudy. Rain 5 18th. Foggy.
Wednesday 11. NW. 40, 49, 38 Fair. Moon quartered 10 h. 34 m. P.M.
Thursday 12 NW 30, 42, 35 Cloudy.
Friday 13. N. 32, 35, 31. Cloudy. Snow 4 Inches.
Saturday 14 NW. 30, 32, 32. Cloudy Snow
Sunday 15. SW 27, 37, 32 Fair.
Monday 16 NW 30, 39, 32 Fair.
Tuesday 17. NW 29, 36, 29. Fair Setting to Concord.
Wednesday 18 NW. 29, 37, 35 Cloudy Snow 1 Inch. Concord
Moon quartered 10. 31 m. P.M.
Thursday 19. NW. 28, 37, 36 Cloudy. Concord.
Friday 20. NW. 22, 31, 27 Cloudy. Concord.
Saturday 21. NW Ship 26, 33, 27. Fair. Concord.
Sunday 22. NW. 37, 38, 27. Fair. Evening snow. Concord.
Monday 23. SW. 21, 40, 41. Fair. Concord.
Tuesday 24. S. 51, 46, 28. Rain 5. 10th Concord
Wednesday 25. NW. 28, 34, 20. Fair. Concord
Moon quartered 7 h. 40 m. A.M.
Thursday 26. NW. 16, 33, 24 Fair. Concord
Friday 27. SW 36, 48, 39. Cloudy 1/2 Inch Snow - Concord.
Saturday 28. NW. 29, 36, 24 Fair - Snow 1/2 Inch. Concord.
Sunday 29 N.E. 37, 41, 37 Cloudy, foggy rain 1 Inch Concord.
Monday 30, NW. 29, 35, 29. Cloudy - Concord.

Summary for Nov 1812.

The thermometer at the highest was 67, at the lowest was 16, it averaged 38 7/6.

The wind was South West 4 days, South 3, North East 1, North 2, & North West 20 days.

It was fair 16 days, cloudy 14, rain in 2, foggy 2, and snow in 5 days.

Of rain there fell 2 Inches.
Of snow 7 Inches.

Summary for Autumn.

The thermometer at the highest was 82, lowest 16, & it averaged nearly 46 & 1/3.°

The wind was west 6 days, South West 17, South 7, South East 2, East 3, North East 10, North 3, and North West 43 days.

It was fair 54 days, cloudy 37 days; it lightened in 2, thundered in 2, rained in 22, foggy in 6; hail in 2, & snow in 6 days.

Of rain there fell 5 Inches 1 10th, 1 40th & 1 80th

Of snow 7 Inches.

December 1812.

Tuesday 1. NW. 27. 37. 19. Cloudy. Snow 4 Inches. Concord.
Wednesday 2. N. 22. 31. 29. Cloudy, little snow. Concord.
Thursday 3. NE. 25. 27. 24 Cloudy. Snow ½ Inch. Moon changed 7h. 40 m. PM. Concord.
Friday 4. NE. 20. 20. 22. Cloudy, snow 4 Inches - hail, rain. Concord.
Saturday 5. NE. 30. 37. 36 Cloudy. Snow. rain 10/100 Concord.
Sunday 6. NW. 27. 32. 24. Cloudy. Concord.
Monday 7. W. 15. 30. 28. Fair. Concord.
Tuesday 8. NE. 37. 35. 32. Cloudy, foggy, rain 2 10/100 Concord.
Wednesday 9. N. 32. 37. 33. cloudy, foggy, little rain. Concord.
Thursday 10. NW high. 21. 25. 20. cloudy, little rain - roads covered with ice - rain.
Friday 11. NW. 11. 17. 12. Fair. Moon quartered 9 h. 13 AM. Concord.
Saturday 12. NW. 10. 21. 15. Fair. Concord.
Sunday 13. NW. 18. 33. 32. Cloudy. Concord.
Monday 14. NW. 27. 36. 27. Fair. Concord.
Tuesday 15. NW 23. 34. 25. Cloudy. Concord.
Wednesday 16. NW. 18. 28. 18. Fair. Concord
Thursday 17. NW. 15. 30. 22. Fair. Concid.
Friday 18. SW. 19. 32. 29 Fair. Moon full 0 h. 39 m. AM. From Concord to Epping.
Saturday 19 SW. 30. 37. 29. Cloudy.
Sunday 20. NW high. 23. 22. 14 Fair.
Monday 21. NW high 10. 18. 13. Fair.
Tuesday 22 N. 14. 20. 17 Cloudy - Snow 1 ½ Inches.
Wednesday 23. SW 16. 33. 34 Cloudy.
Thursday 24 SW 30. 38. 27 Cloudy, little rain, Snow ½ Inch.
Friday 25. NW 12. 19. 18 Fair. Moon quartered 0 h. 39 m. PM.
Saturday 26 NW first 2°. 13. 10. Fair.

Sunday 27 NW. 7. 17. 13 Fair.
Monday 28. NW 10. 27. 25 Cloudy
Tuesday 29. SW 24. 38. 31 Cloudy.
~~Wednesday 30~~ SW 32. 42. 33 Cloudy.
Thursday 31. SE 28. 32. 24 Cloudy Snow ½ Inch.

Summary for December.

The thermometer at the highest was 42, at the lowest 2 below zero, & it averaged 24 1/3.
The wind was West 1 day, South west 6, South East 1, North East 4, North 3 & North west 16 days.
It was fair 12 days & cloudy 19 days; it snowed in 8 days, hailed in 1, rain in 6 & foggy in 2 days.
Of rain there fell 3 10/100
And of snow 11 Inches.

Summary for the Year.

The thermometer at the highest was 88, at the lowest 14 below zero, & averaged little more than 42 & 2/3.
The wind was West 96 days, South West 57, South 20, South East 25, East 18, North East 70, North 21, and North west 129 days.
It was fair 185 days & cloudy 181; it rained in 96 days, snow 43, fogg 37, hail 6, thunder 20, & lightning 20.
Of rain there fell 2 feet 9 inches 5. 1 10/100 & 1. 80/100
Of snow 7 feet 1 inch 2. 10/100

January 1813.

Friday 1. N°e 24, 26, 29. Cloudy.
Saturday 2. N°e 32, 35, 42 Cloudy-Joggy Rain 8. 10th
Moon changed 0h. 44m. PM.
Sunday 3. SW. 37, 35, 30 Cloudy.
Monday 4. NW 25, 27, 21. Fair.
Tuesday 5. NW 17, 21, 12 Fair.
Wednesday 6. NW. 13, 29, 23 Cloudy.
Thursday 7. SW 21, 34, 31 Cloudy
Friday 8. NW high 3, 0, 5 Fair.
Saturday 9. SW 9, 7, 15, 20 Cloudy-Snow 1 Inch.
Moon quartered 5h. 31m. PM.
Sunday 10. NW. 17, 20, 8, Fair.
Monday 11. NW. 1, 21, 7. Fair.
Tuesday 12. SW 7, 33, 28 Fair. Moon & 7 Stars passed.
In the afternoon a bright halo North of the Sun.
Wednesday 13 SW 20, 36, 29. Cloudy.
Thursday 14. NW high 4, 16, 13 Fair.
Friday 15 N°e 12, 9, 12 Cloudy. Snow 1 foot
Saturday 16 SW 0, 20, 25 Fair. Moon fulled 1h. 24m. PM.
Sunday 17. SW 20, 39, 27 Fair.
Monday 18. NW 21, 29, 14 Fair.
Tuesday 19. S.W 12, 37, 37 Cloudy Rain 1 10th Foggy.
Wednesday 20. NW high 21, 17, 12 Cloudy. Snow 2 Inches.
Thursday 21 SW 13, 34, 26 Fair.
Friday 22 NW. 16, 21, 21. Fair.
Saturday 23 NW 24, 23, 14 Fair
Sunday 24. N°e Easterly 6, 9, 14 Cloudy, hail, Snow
Moon quartered 8h. 13m. am

Monday 25 N°e. 17, 26, 31. Cloudy, rain 1 10th
Tuesday 26 N°e. 18, 18, 13. Cloudy Snow 6 Inches
Wednesday 27. NW 5, 9, 0. Fair.
Thursday 28 NW 2, 21, 19 Cloudy. Snow 3 Inches
Friday 29 NW high 24, 31, 1 Fair-Snow 1 10th
Saturday 30 NW 14, 7, 9 Fair.
Sunday 31 SW 8, 18, 20 Cloudy.

Summary for January.

The thermometer at the highest was 42, at the lowest was 14 below zero, & averaged near them 17 & 3/4.
The wind was South West in 10 days, North East in 6 days & North West in 15 days.
It was fair 16 days & cloudy 15; it was foggy in 2 days, rained in 3, hailed in two, & snowed in 7 days.
Of rain there fell one Inch.
Of snow two feet 2 inches 11th of an Inch.

Note.
At Washington Pennsylvania, on the 11th at sunrise the thermometer was 14½ below zero.
On the 30th at Portsmouth N.H. at sunrise it was 11, at Portland 16, at Salem 10 at Boston 4 below zero: at Worcester by one thermometer 11 at another one mile distant 20 below zero.
at Worcester according to Wm Coolidge the thermometer averaged the highest was 51 at the lowest 11 below zero it averaged 22 70.

February 1813.

1 Monday NE 24, 34, 18 Cloudy little rain, Snow ½ Inches. Moon changed 3 h. 50 m. am. Sun eclipsed same hour but invisible to us.
Tuesday 2. NW 2, 12, 2 Fair.
Wednesday 3. SW. 0/8. 23, 15 Cloudy little snow ½ Inch
Thursday 4. NE 17, 28, 28 Cloudy – little snow.
Friday 5. SW 27, 40, 31 Cloudy.
Saturday 6. SW 31, 40, 31. Cloudy.
Sunday 7 NW 32, 44, 34 Foggy Rain 1. 10th Cloudy
Monday 8. W. 33, 43, 33 Fair. Moon 4 7 Stars passed. Moon quartered 1 h. in the morning.
Tuesday 9. SW. 25, 42, 32 ~~Cloudy~~.
Wednesday 10 SW 32, 40, 25 Fair.
Thursday 11. NE 26, 37, 29 Cloudy.
Friday 12. SE 25, 41, 32 Cloudy, Snow 2 Inches.
Saturday 13. NW 32, 34, 17 Fair.
Sunday 14 SW 5, 25, 15 Fair
Monday 15. SW. 15, 30, 16 Fair Moon pulled 3 h. 46 m & was eclipsed.
Tuesday 16 SW 4, 21, 10 Fair.
Wednesday 17 SW. 6, 34, 30 Cloudy.
Thursday 18. NW high 25, 23, 12 Fair.
Friday 19 NW 1, 17, 6. Fair
Saturday 20. N 0, 16, 9 Cloudy.
Sunday 21 NE 10, 22, 20 Cloudy Little Snow
Monday 22 NE. 23, 38, 30 Cloudy Snow 4½ Inches.
Tuesday 23, NW 18, 27, 13 Fair. Moon quartered 5 h. 30 m. a m.
Wednesday 24 SW 15, 33, 23 Fair
Thursday 25. SW high 22, 46, 42 Fair

~~Saturday~~ Friday 26. NW 4, 10, 1. Fair.
Saturday 27. SW 0/4, 21, 11 Fair.
Sunday 28 NE 15, 27, 30 Cloudy foggy Snow 1 Inch & little rain

Summary for February.

The thermometer at the highest was 46, at the lowest it was 8 below zero, it averaged about 22½
The wind was West in one day, South West 12, South east in 6 day, North East in 6 days, North 1 & North West in 7 days.
It was fair 14 days, cloudy 14 days; it rained in 3 days, snowed in 7, & foggy in 2 days.
Of rain there fell one 10th of an Inch.
Of snow 1 foot 3 inches.

Summary for Winter.

The thermometer at the highest was 46, at the lowest 14 below, it averaged nearly 21½.
The wind was West in 2, South west in 28, South East 8, North East 10, North 4, North West in 38 days.
It was fair 42 days & cloudy 48; it snowed in 22 days, hail in 6, rain in 12, & fogg in 6 days.
Of rain there fell 1 Inch 4 10ths
Of Snow 4 feet 2 Inches & 1. 10th

Note, in the month of February at Worcester MA the Thermometer at the highest was 43, at the lowest 6 below Zero, & averaged more than 26.

April 1813.

Thursday 1. N.E. 28, 42, 29 Fair Moon changed 3 h. 3 m. a.m.

Friday 2. N.E. 26, 43, 30 Cloudy

Saturday 3 N.E. 36, 46, 34 Cloudy.

A Chaise with difficulty on account of the Snow came from Exeter.

Sunday 4 W. 25, 4[illegible], 43 Fair. Moon & 7 Stars pass.

Monday 5. N.E. 40, 40, 39, Cloudy, Rain 1 40th

Tuesday 6 N.E. 39, 49, 42 Cloudy

Wednesday 7. N.W. 32, 58, 48 Fair. Moon quarters 6 h. 29 m. a.m.

Butterflies appear.

Thursday 8. W. 45, 59, 40, Fair. Yellow birds appear.

Friday 9. S.W. 27, 60, 48 Fair. Night rain 1. 80th

Some people began to plow.

Saturday 10 N.W. 47, 67, 46 Fair. Woodwalls appear.

Sunday 11, N.W. 30, 43, 35 Fair

Pidgeons appear & frogs sing.

Monday 12 E. 22, 43, 27 Fair.

Tuesday 13. S.E. 30, 43, 47 Cloudy, Rain } Thunder & Lightning

Wednesday 14, S.W. 56, 64, 50 Cloudy Rain } the last day. Rain 1 Inch.

Thursday 15. N.W. 45, 61, 41 Fair. Moon fulled 0 h. 29 m. P.M.

Martins appear.

Friday 16 N.W. & high 35, 46, 32, Fair. Newmarket.

Saturday 17 N.W. 35, 48, 38 Fair.

Sunday 18 S.W. 31, 57, 41 Fair.

This day the last of the Snow in my fore yard dissolved.

Monday 19 S. 40, 66, 56 Fair, at 30 Clock P.M. therm° 72. striped squirrels appear.

Tuesday 20 S. 58, 66, 57 Cloudy - little rain } 1 80th

Planted potatoes in my Garden. at night

Wednesday 21. S. 60, 69, 48 Cloudy, rain 1 40th

Distant thunder.

Thursday 22 N.W. high 35, 52, 44, Fair frose in the night 1 10th of an Inch.

Friday 23 N.E. 35, 55, 40, Cloudy Rain Moon quarters 3 h. 22 m. P.M.

April 1813.

Saturday 24. E. 37, 42, 38 Cloudy - hail, rain in these two days 6 10th

Sunday 25. E. 39, 46, 43 Cloudy - little rain.

Monday 26 N.E. 45, 52, 48 Cloudy little rain.

Tuesday 27. N.E. 46, 57, 47 Cloudy. Swallows appear.

Wednesday 28. N.E. 47, 57, 47 Cloudy.

Thursday 29 E. 40, 55, 48 Fair.

Friday 30 S.E. 36, 61, 48 Cloudy Rain a little

Moon changed 11 h. 24 m. a.m.

Saturday 31. Summary for April.

The thermometer at the highest was 69. at the lowest 25, it averaged 44 & near 2 thirds.

The wind was West 2 days, South west 3, South 3, South East 2, East 4, North east 9, & N West 7 days

It was fair 15 days, Cloudy 15, it rained in 11 days, thundered in 2, lightning in one & hail in one day.

Of rain there fell 1 inch 7 10th 1 20th & 1 40th

Saturday 1. NE. 49. 49. 43. Cloudy, rain 1. 20th corn Some planted

Sunday 2 E. 43. 51. 39 Fair.

Monday 3. NE & high 35, 52, 36 Fair.

Tuesday 4 SE. 32. 55, 44 Fair. Began to sow my garden

Wednesday 5. SE 42. 50, 44 Cloudy - little rain. Sowed Oats

Thursday 6. NE 41. 50, 43 Cloudy. Sowed peas.
Had a mess of Asparagus from my garden.

Friday 7 NE & high 41. 49. 38 Cloudy. Moon quartered 3 h. 48 m. am. in N.W. Rain a little - The night rainy. - hail.

Saturday 8. NE & high 38. 39, 40 Cloudy - Rain } Inches 10th 20th
Sunday 9 NE. 41. 49. 49 Cloudy Rain } 3 " 2 " 1
Night hawks appear.

Monday 10 NW. 48, 59. 52 Fair.

Tuesday 11 SW. 45, 68, 52 Cloudy rain 1. 10th to Epsom.
Wrens appear.

Wednesday 12. NW. 42, 58. 53. Fair. Epsom to Concord.

Thursday 13. E. 45. 62, 47. Cloudy. Concord.

Friday 14. S.E. 44. 44. 45. Cloudy, rain 1. 10th Concord.

Saturday 15. NE. 38. 58. 42. Fogg. cloudy, distant thunder, little rain. Concord. Moon fulled 4 h. 57 m. am.

Sunday 16 S.E. 42. 59. 44. Morning foggy. Fair. Concord.

Monday 17. N. 43. 66. 34 Cloudy. Concord. Yellow bird & bobolinques

Tuesday 18. NE. 40. 57. 46 Fair Shower, thunder lightning rain 2. 10th Concord to Epping.

Wednesday 19. NE 43. 54. 44 Fair little rain.

Thursday 20 NE 40. 62, 49 Cloudy. Cherry trees begin to blossom. Began to plant my corn.

Friday 21. NW. 48, 63, 57 Fair.

Saturday 22. SE. 52, 71, 49 Fair

Sunday 23. SW. 52, 76, 63 Cloudy. Moon quartered 3 h. 15 m. am. S.E. Strawberrys in full bl[illegible]m. Apples begin to blossom.

Monday 24. SW 61. 78. 65 [illegible]y, rain 1. 40th

Tuesday 25. NE 61, 68, 54 Cloudy. Even little rain

Wednesday 26. SE 51. 72, 64 Cloudy.

Thursday 27 NE 53. 60, 51. Cloudy. Finished planting my potatoes.

Friday 28. N.E. 48, 58, 58. Cloudy. Rain 1. 20th

Saturday 29. SE 56. 72. 54 Morning & night foggy - day cloudy moon changed 7 h. 5 m P.M. moon & 7 stars passed.

Sunday 30 W. 57, 76, 63. Fair.

Monday 31. NW. 56, 68. 55 Fair. Epping to Concord. little rain.

Summary for May.

The thermometer at the highest was 78, at the lowest 32. It averaged 51 1/2.
The wind was West one day, South West 3, South East 7, East 2, North East 13, North 1, & North West 4 days.
It was fair 11 days; cloudy 20; it rained in 14 days, hail 1, fogg 3, thunder 2 & lightning in 1 day
Of rain there fell 3 inches 5 10th 1 20th & 1 40th

Summary for Spring.

The thermometer at highest was 78, at the lowest 5 below zero - it averaged 40 2/3.
The wind was West 5 days, SW. 11, S. 3 - SE. 12 - E 6 - North East 31 - North 2 - N West 22.
It was fair 42 days, cloudy 50 days; it snowed in 8 days, rain in 30, fogg 5, thunder 4 lightning 3, & hail in 2 days.
Of snow there fell 1 foot 9 inches 4 10th & 1. 20th
Of rain 7 inches. 4 10th & 1. 20th

June 1813.

Tuesday 1 NW. 45. 63. 55. Fair. At Concord.
Wednesday 2. NW. 53. 76. 59 Fair. Concord
Thursday 3. SW. 55. 79. 68 at 5 P.M 88. Fair. Concord.
Friday 4. SW. 57. 86. 69. Fair. Concord to Epping.
Saturday 5. S.E 63. 85. 61 Fair. Moon quartered 4h. 11M in the S.E.
Sunday 6 SE 55. 79. 64 Morning foggy - Fair.
Monday 7 SE 62. 70 61 morning foggy - ~~Cloudy~~ rain 2. 10th
Tuesday 8. NW 55. 74. 62 Fair - little rain. distant lightning in the N.E. in the evening.
Wednesday 9 NW. 60. 73. 63 Fair.
Thursday 10. SE 59. 70. 53 Cloudy.
Friday 11 S. 52. 67. 58 Cloudy - Rain 1. 80th
Saturday 12. NW 52. 67. 57 Fair.
Sunday 13 E. 52. 61. 55 Cloudy foggy - rain 1. 40th & lightning night thunder.
Moon fulled 8h. 14M. P.M. S.E.
Monday 14 SE 56. 75. 64 Fair.
Tuesday 15. SE 57. 76. 56 Cloudy Rain 1. 20th
Wednesday 16 E 53. 58. 52 Cloudy rain little
Thursday 17. S 54. 73. 76 Morning foggy little rain.
Fair - evening much thunder & lightning N & NE. E.
Friday 18 NW & high 75. 80. 68 Fair.
Saturday 19 S. 55. 78. 64 Cloudy.
Sunday 20 SE 60. 58. 56 Cloudy. Rain } 3 Inches, 3. 10. 1. 20th
Monday 21 NE 53. 60. 53 Cloudy. Rain }
Moon quartered 10 O'Clock 47 Minutes Am. W.
Tuesday 22 SE 53. 69. 58 Cloudy Little Rain.

Wednesday 23. S.E. 56. 75. 62 foggy Cloudy - ~~little~~ rain 1. 20
Thursday 24 NW. 61. 74. 59 Fair
Friday 25. NW 52. 63. 56 Fair.
Saturday 26. NW. 56. 72. 56 Fair.
Sunday 27 SW 60. 79. 69 Fair.
Monday 28. SW. 71. 88. 75 Fair little rain - thunder & lightning in the N. & NE. Moon changed 2h. 07M am. NE.
Tuesday 29. SE. 70. 79. 70. Fair.
Wednesday 30. W. 65. 83. 78. Fair Epping to Portsmouth

~~Thursday~~ Summary for June.

The thermometer at the highest was 88 at the lowest was 45. it averaged 64 7/10th
The wind was West 1 day, South West 4. South 3, South East 10, East 2, North East 1. & North West 10 days.
It was fair 19 days, cloudy 11 days; fogg in 5 days rain 12, lightning 4. & thunder in 3 days.
Of rain there fell 3 inches 4. 10th 1. 20th 1 40th & 1. 80th

Thursday 1. SW. 71, 84, 72, Fair. Portsmouth

Friday 2. SW. 73, 83, 70 Fair. Portsmouth to Epping.
Evening thunder, lightning rain 5, 10th 2, 20th

Saturday 3 SW 67, 84, 77 Fair at 3 O'Clock P.M. 93.

Sunday 4 SW & high 72, 90, 71. Fair, Thunder & lightning little rain.
at 4 O'Clock P.M. 94. N.

Monday 5 NW. 72, 78, 66 Fair. Moon quartered 6h. 58m. P.M.

Tuesday 6. SW 57, 74, 66 Cloudy, distant thunder & lightning
in the S.W. S. & S.E. - rain very little.

Wednesday 7 NW 63, 75, 71 Fair. Some people began haying.

Thursday 8 SW 62, 85, 79 Fair - little rain in the evening
distant lightning in S. & S.E. at 4 O'Clock P.M. 93.

Friday 9 S. 76, 90, 69 Fair thunder lightning shower
rain 1, 10, 1, 20 & 1, 40 from 1 P.M. in 20 minutes the barometer fell 14
& in 40 m. 18.

Saturday 10 NW & high 62, 70, 66 Fair.

Sunday 11 S. 55, 77, 62 Fair - afternoon distant thunder
in N.W. N. - Evening rain 1, 10th

Monday 12 S. 60, 77, 55 Cloudy much thunder &
lightning - rain 7, 10ths Finished my hoeing. NW.

Tuesday 13 NW 55, 70, 58 Fair Moon fulld 9h 48m. a.m.

Wednesday 14 NW 55, 73, 68 Fair. Began my haying.

Thursday 15 S 57, 74, 65 Cloudy - Rain } 9, 10ths

Friday 16 S.W. 66, 81, 71 Cloudy thunder lightning rain }

Saturday 17. NW 56, 66, 62 Fair. Even. distant lightning -
in the night little shower of rain.

Sunday 18 SW. 54, 71, 66 Fair.

Monday 19. S. 65, 76, 68 Cloudy, little distant thunder.
Rain, 1 inch 3, 10ths

Tuesday 20 SW 67, 82, 73 Cloudy Moon quartered 5h. 35m.
a.m. N.

Wednesday 21. W. 64, 76, 65 Fair Epping to Nottingham.

Thursday 22 E 59, 73, 65 Cloudy.

Friday 23. E. 55, 78, 63 Cloudy.

Saturday 24 S. 59, 79, 70. Cloudy. In evening very
little distant lightning in the NW.

Sunday 25, NW. 63, 80, 73 Fair.

Monday 26. SE 62, 64, 59 Cloudy.

Tuesday 27. SE 58, 71, 63 Cloudy. Moon changed 10h. 0
6. m. a.m. S. Sun eclipsed but invisible to us.

Wednesday 28 SE 63, 80, 73 Foggy Cloudy, in the night
rain 4, 10th 1, 30th

Thursday 29 SW 67, 80, 69 Fair - Mom. rain 1, 10th

Friday 30 NW 61, 79, 62 Fair - afternoon & evening
thunder & lightning rain 1, 80th

Saturday 31. NW 58, 75, 65 Fair.

Summary for July.

The thermometer at the highest was 90, at the lowest 54
it averaged nearly 69.
The wind was West 1 day, South west 10, South 6,
South East 3, East 2 & North west 9 days.
It was fair 19 days, cloudy 12; it thundered in 9, light=
=ned in 10, rained in 13 & was foggy in 1 day.
Of rain there fell 4 inches 2, 10th 1, 30th 1, 40th & 1, 80th

Sunday 1 NW 61. 80, 75 Fair.
Monday 2. SW 65, 86, 81. Fair at 6 O Clock P.M.
the thermometer was 98 blood heat - scarse a breath
of air & not a cloud to be seen.
Tuesday 3 W. 68, 86, 77 Fair at 6 PM 97.
moon quartered 11h. 38 M. P.M. W. Had green peas
Wednesday 4 SW 69, 89, 80 Fair E at 6 PM 95
Thursday 5. SW 67, 86, 73 Fair. Little distant thunder SW.
Friday 6 E 65, 75, 65 Fair. Had green beans.
Saturday 7. W. 63, 85, 74 Fair. Morning foggy.
Sunday 8 W. 69, 88, 77. Fair afternoon distant
thunder & lightning in the NW. N. NE E. & much lightning
in the evening. Had Cucumbers. at 4 PM. 92.
Monday 9 SW 71. 81, 69. Fair. Afternoon much thunder
& lightning - rain 1.20th
Tuesday 10 NW high 62, 76, 62 Fair.
Wednesday 11 NW high 53, 74, 60 Fair Small shower rain
18.0th little distant thunder. Moon fulled 9h. 55 M. P.M.
& then eclipsed. The moon runs low - south.
Thursday 12 NW high 55, 65, 57, Fair.
Friday 13, NW 51, 70, 62. Fair.
Saturday 14. W. 51, 75, 66 Fair.
Sunday 15 NW. 61, 84, 72 Fair at 5 PM 91.
Monday 16 SW. 65, 86, 73 Fair at 5 PM 91
Tuesday 17 SW high 72, 83, 66 Cloudy, thunder rain 4.10ths
Wednesday 18. NW 57 68 57 Fair Epping to Concord moon quartered 10 Clock 20 M. P.M. N.E.
a little fraft in the night on the pine plains. moon & 7 Stars together.
Thursday 19 N.W. 49: 71 62 Fair Concord to Epsom.

Friday 20. NW 62 — 78 — 67. Fair Epsom to Epping.
Saturday 21 NW 65, 81, 64 Fair. Finished haying. The
crop of hay this year is in general very good - more
than a common crop both in quantity & quality.
Sunday 22 SW. 60, 87, 75 Fair. Lightning in the Evens.
Monday 23 NW 65, 77, 66 Fair.
Tuesday 24. W. 59, 81, 71. Fair. Little lightning in the
S. E. in the evening.
Wednesday 25. NW 57, 71, 61. Fair Moon changed 8h. 3 M.
am. N.W.
Thursday 26. S. 48, 75, 64 Fair.
Friday 27. S. 52, 81, 65 Fair. Evens rain as much as a dew.
Saturday 28. S 60, 82, 69 Fair.
Sunday 29 S. 66, 82, 69 Cloudy.
Monday 30. E. 66, 69 65 Cloudy - Rain 1 Inch 3 10th
Tuesday 31 W. 65, 84, 70 Fair.

Summary for August.

The thermometer at the highest was 89, at the lowest
48, it averaged more than 69 1/2.
The wind was West 6 days, South west 7, South
4, & East 2, & N. West 12 days.
It was fair 28 days, & cloudy 3 days; Thundered in
5 days, lightning 4, & rain in 5 days.
Of rain there fell 1 Inch 7 10ths & 1.20th

Summary for the Summer of 1813

The thermometer at the highest was 90, at the lowest 45. It averaged 67 1/2.

The wind was West 8 days, South West 21, South 13, South East 13, East 4, North East 3, North West 31.

It was fair 66 days, cloudy 26, it was foggy in 6 days, rain in 29, Lightning in 18, & thunder in 9 days.

Of rain there fell of Inches 4, 10th 1, 20th 1, 30th 1, 40th 1.

Wednesday 1 S W 57, 78, 62, Fair Gypsing to Portsmouth

Thursday 2 S 63 80, 74 Cloudy rain 1. 20th thunder Moon quartered 5h. 31 M. P.M. S. Ports. to Gypsing.

Friday 3 S. 72, 83, 69. Cloudy a little distant thunder Rain 1. 10th. in night distant lightning.

Saturday 4 S W 63, 79, 65. Fair.

Sunday 5. N W 53, 72, 58 Fair.

Monday 6. N W high 48, 63, 52 Fair.

Tuesday 7. N W high 49, 66, 55 Fair.

Wednesday 8 N W. 48, 69, 58 Fair.

Thursday 9 S W. 56, 76, 66 Cloudy. Rain 1. 10th Moon fulled 9h. 11m. am. N W.

Friday 10 N. 65, 78 68 Fair.

Saturday 11. S. 58, 80, 72 Fair 83 at 3 O Clock Lightning in the night in the West.

Sunday 12, W 68, 88, 80 Fair at 3 PM 90. Lightning in the night in the west.

Monday 13 S W. 75, 90, 82 at 3 PM 93. Fair Lightning in the night in the west.

Tuesday 14 N W 64, 75, 62 Fair Moon & Mars together.

Wednesday 15. N W 52, 82, 60 Fair.

Thursday 16 S & 51, 74, 60 Fair.

Friday 17 S & 57, 77, 66 Cloudy little rain. Moon quartered 3h. 4 M. am. S &. Little rain in the night.

Saturday 18 N & 59, 71, 56, Cloudy.

Sunday 19 N & 52, 70, 57 Fair.

Monday 20. N W 54, 71, 71 Fair Evening lightning in the night in the evening – & sudden flashes of Aurora Bore= =alis.

Tuesday 21. N W. 62, 68, 57 Fair.

Septr 1813

Wednesday 22, S.E. 44, 72, 57 Fair. Began to cut stalks.
Thursday 23. E. 52, 75, 58. Fair. Evening thunder lightning, rain 4. 10th Began to dig potatoes.
Friday 24, N.E. 59, 62, 58 Foggy & cloudy - little rain. Moon changed 9 h. 8 m. am. S.E.
Saturday 25 NW & high 60, 65, 49 Fair.
Sunday 26 NW 44, 66, 54 Fair.
Monday 27 S.E. 48, 59, 50 Fair
Tuesday 28 N.E. 48, 50, 42 Cloudy. Little rain.
Wednesday 29. N.E. 49, 48, 42 Cloudy rain } 1 inch 6 10th
Thursday 30 N.E. 46, 47, 50 Cloudy rain

Summary for September.

The thermometer at the highest was 90, at the lowest 42, it averaged 62 1/2
The wind was West 2 days, South west 4, South 3, South East 5, East 1, North east 6, & North West 9 days.
Fair 21 days, cloudy 9 days; it rained in 10 days, thun=dered in 3, lightning in 6 & foggy in 1 day.
Of rain there fell 2 inches, 2 10th & 1. 40th

Octr 1813

Friday 1 N.E. 44, 51, 48 Cloudy.
Saturday 2, N.E. 49, 56, 50, Cloudy - rain } rain
Moon quarter 0 h. 8 m. PM. S.E.
Sunday 3. N.E. 49, 50, 49, Cloudy rain } 1 inch 7 10th
Monday 4. NW. 43, 61, 50 Fair ice
Tuesday 5 NW & high 44, 59, 40 Fair. Frost in the night - the first this autumn.
Wednesday 6, NW 28, 47, 49 Fair.
Thursday 7. W. 31, 54, 50, Cloudy.
Friday 8. S.E. 49, 58, 50 Cloudy, rain 6. 10th 1. 20th
Saturday 9. SW. 47, 61, 46 Fair. Moon fulled 7 h. 43 m PM. S.E.
Sunday 10 S.E. 41, 61, 55 Cloudy rain 1. 10th
In the evening distants lightning in the NW. N.
Monday 11. NW. 38, 49, 37 Cloudy.
Tuesday 12 NW 27, 42, 34. Fair. Moon & 7 stars passed.
Wednesday 13 SW. 27, 51, 38 Fair.
Thursday 14. NW 31, 50, 35 Fair.
Friday 15 SW. 27, 49, 45 Fair Night rain -
Saturday 16. S.E. 48, 55, 52 Cloudy, Rain } 7. 10th 1. 40th
Moon quartered 11 h. 31 m. am. W.
Sunday 17 S.E. & strong 53, 59, 60. Cloudy Rain }
Monday 18. SW. 47, 61, 49 Fair.
Tuesday 19 N. 42, 47, 36 Rain 3. 10th
Wednesday 20 NW. 27, 38, 27 Fair.
Thursday 21. NW & high 24, 38, 27 Fair.
Friday 22 N.W 20, 43, 33 Fair.
Saturday 23. SW 33, 48, 44 Cloudy
Sunday 24 S.E. 42, 50, 50 Cloudy. Moon changed 1 h. 9 m. am. N.
Monday 25 S.E. & high 50, 55, 62, Cloudy - rain 6. 10th Foggy.
Tuesday 26 SW 56, 64, 51 Cloudy

Oct 1813

Wednesday 27. S E & high 53. 69. 65. Cloudy-Rain 1 Inch 10 thos 2.
Thursday 28 S W. 62, 66, 51 Fair.
Friday 29 S W 47. 63, 52 Fair.
Saturday 30 N W 51, 56, 40 Fair. Morning fogg, little rain.
Sunday 31 N W 34. 43, 33 Fair.

Summary for this month.

The thermometer at the highest was 69. at the lowest was 20, the averaged 46 1/3 & little more.

~~It was fair~~ The wind was West 2 days, South west 7. South east 7, North East 3, North 1. North west 11 days.

It was fair 16 days, & cloudy 15 days; it rained in 11 days, lightning 1 & fogg in 1 day.

Of rain there fell 5 Inches, 2, 10 thos 1, 20 th 1. 40 th

The crops of hay, of corn & of cyder & potatoes have been uncommonly great this season.

Nov 1813

Monday 1. N W 25, 39, 34 Fair. Moon quartered 5 h. 24 m. am. N.
Tuesday 2. N W 31, 41, 28. Fair.
Wednesday 3 S W. 28, 45, 43 Fair.
Thursday 4 N E. 37, 44, 44, Fogg, cloudy, rain 3. 10 thos
Friday 5. N W 35, 41, 35 Fair.
Saturday 6 S W 30, 48, 39 Fair. Fogg in the evening.
Sunday 7 S W. 30, 56, 52 Fair.
Monday 8 S W 32, 57, 36 Fair - Evening foggy. moon fulled 5 h. 56 am. W. } great Dew.
Tuesday 9 S W. 30, 58, 47 Fair Evening foggy. Finished making cyder
Wednesday 10. S. mo 47, 63, 57, Foggy Cloudy - little rain. moon & 7 stars passed.
Thursday 11. S E 59, 62, 46 Cloudy Rain 1 Inch.
Friday 12 N W 33, 39, 32 Cloudy.
Saturday 13 N E. 30, 36, 34 Cloudy
Sunday 14 N E 29, 36, 31 Cloudy. Moon quartered 9 h 29 m am N E
Monday 15 N E high 27, 30, 32 Cloudy Hail, Snow } Snow 4 inches.
Tuesday 16 N. 33, 35, 30 Cloudy Snow } Wild Geese fly from N E to S. W.
Wednesday 17 W. 24, 36, 30 Fair.
Thursday 18 N E. 26, 30, 30 Cloudy - Snow 1 1/2 Inch.
Friday 19. N E. 40, 51, 43 Cloudy - Rain 4 Inches. Snow all dissolved.
Saturday 20 S W 35, 44, 40 Fair.
Sunday 21 N W 32, 43, 32 Fair.
Monday 22 S W 24, 40, 41 Cloudy. Moon changed 7 h. 31 m. P. M. - W.
Tuesday 23. S W 37, 53, 42 Fair
Wednesday 24 N E 36, 46, 41 Cloudy, Rain. } 7. 10 th 1. 20 th
Thursday 25 N E 43, 47, 60 Foggy Cloudy Rain. }
Friday 26 N W 39, 43, 32 Fair.

Nov

Saturday 27 SW. 25, 39, 31 Fair
Sunday 28 W. 27, 38, 31 Cloudy.
Monday 29. NW 25, 34, 23 Fair
Tuesday 30, W. 24, 34, 26 Fair
Moon quarter 9h. 7 m. P.M. S.W.

Summary for November.

The thermometer at the highest was 63, at the lowest was 23, it averaged near 39.
The wind was West 3 days, South West 9, South 1, South East 1, North East 8, North 1, North West 7 days.
It was fair 16 days; cloudy 14.
Rain in 6 days, foggy in 6 days snow in 3 & hail in one day.
Of rain there fell 6 inches & 1.20th
Of snow 5 inches 5.10ths

Summary for Autumn.

The thermometer at the highest was 90. at the lowest 20 it averaged 49 1/3 a little more.
The wind was West in 7 days, South West 20, South 4. South East 13, East 1, North East 17, North 2, & North West in 27 days.
It was fair 53 days, cloudy 38; it rained in 27 days, Thunder in 3, Lightning in 7, fogg in 8, Snow in 3 & hail on one day.
Of rain there fell 1 foot 1 inch, 5.10ths & 1.20th
Of snow there fell 5 inches 5.10ths

December

Wednesday 1. S. 33, 44, 35 Cloudy - distant thunder evening distant lightning in the East.
Thursday 2 NW high 29, 36, 24 Fair.
Friday 3. NW high 12, 22, 14 Fair.
Saturday 4 NW 12, 29, 23 Fair.
Sunday 5 W. 15 37, 27 Fair.
Monday 6 SW. 30, 43, 34 Cloudy
Tuesday 7 SW 35, 43, 38 Foggy, cloudy rain 1.40th
Moon fulled 4h 20 m. P.M. N.E. Moon & 7 stars passed.
Wednesday 8. NE 29, 38, 32 Cloudy - rain 1.20th — Snow 2 Inches.
Thursday 9 NE. 32, 38, 30 Cloudy Snow
Friday 10. NW 25, 29, 21 Fair.
Saturday 11 NW 21, 31, 21 Fair.
Sunday 12 NW high 24, 28, 20 Fair
Monday 13, NW 17, 28, 28 Fair
Tuesday 14 NW. 25, 31, 24 Fair Moon quarter 11h. 11 m. am. W.
Wednesday 15 NW. 19, 32, 22 Fair.
Thursday 16. SW 14, 34, 30 Fair.
Friday 17 E 32, 38, 33 Cloudy Little rain.
Saturday 18. W 30, 39, 30 Fair - Little snow.
Sunday 19 NW 27, 38, 26 Fair
Monday 20. NE 18, 27, 22 Cloudy.
Tuesday 21 NW high 9, 12, 5 Fair. at 10 A.M. at 6 P.M. 3.
Wednesday 22 SW 5. 26, 21 Fair Moon changed 2h. 41 m. P.M. SW.
Thursday 23 SW 20, 36, 25 Fair.
Friday 24 NW high 34, 29, 8 Fair Little snow & hail
Saturday 25 NW. 0, 15, 10 Fair.
Sunday 26 NW 0, 10, 7 Fair - Good Sleigh.

Dec 1813

Monday 27. NE 4, 18, 18 Cloudy.
Tuesday 28 NE & high 22, 30, 31 Cloudy. Night snow } 7 Inches
Wednesday 29 NE & high 31, 33, 31 Cloudy - Snow
Thursday 30 NW high 30, 30, 17 Fair. Moon quarted 10h. 30m. am. NE.
Friday 31 NW & high 12, 18, 14 Fair.

Summary for this month.

The thermometer at the highest was 44, at the lowest was 0, it averaged 24 & more than two thirds.
The wind was West 2 days, South West 5, South 2, East 1 North east 6 & North west 16 days.
It was fair 21 days, cloudy 10; it thundered in one day, lightning in one, fogg in 1, Rain in 3, hail in 1 & snow in 6 days.
Of rain there fell 1 20th & 1 40th
Of snow 9 inches.

Summary for the year.

The thermometer at the highest was 90, at the lowest 14 below zero, it averaged 45 2/3d.
The wind was West 23 days, South West 78, South 22, South East 39, East 14, North East 67, North 5, & North West 117 days.
It was fair in 212 days & cloudy 153 days; foggy in 24 days, rain in 97, hail in 5, snow in 31, thunder in 25, and lightning in 28 days.
Of rain there fell 2 feet 3 inches 7 10th, 1 20th, 1 30th & 1 40th of an Inch.
Of snow there fell 6 feet 5 inches 1 20th

Saturday 1 SW. 12, 30, 25 Cloudy.
Sunday 2 SW 19, 30, 28 Fair. Moon & 7 stars pass.
Monday 3, NW. 0, 4, 0/5 Fair.
Tuesday 4 NW. 0/7, 8, 6 Fair. Snow in night 5 10th
Wednesday 5. N. 7, 14, 4 Fair. S.W
Thursday 6 W 0/3, 19, 20 Fair. Moon fulled 2h. 35m. am.
Friday 7. SW 12, 33, 26 Fair.
Saturday 8 NW 15, 17, 7 Fair.
Sunday 9. W 10, 28, 21 Fair.
Monday 10 NW & high 12, 20, 16 Fair.
Tuesday 11 NW 12, 30, 26 Fair.
Wednesday 12 NE 30, 37, 30 Cloudy. S.E.
Thursday 13. NW 24, 28, 17 Fair Moon quartered 9h. 37m. am.
Friday 14 NW. 10, 30, 25 Fair
Saturday 15. NE 20, 37, 29 Cloudy.
Sunday 16 NE & high 30, 30, 25 Cloudy - Snow 1 foot 2 Inch.
Monday 17 NE 24, 32, 25 Cloudy - Little snow
Tuesday 18 NE 27, 32, 27 Cloudy.
Wednesday 19 N. 27, 31, 24 Cloudy.
Thursday 20 NW & high 20, 26, 20 Fair.
Friday 21 NW 8, 25, 16 Fair. Moon changed 9h 37m. am. S.E.
Saturday 22 NW 6, 16, 3, Fair.
Sunday 23 E 7, 24, 26 Cloudy Snow 1/2 Inch
Monday 24 SE 25, 37, 33 Cloudy - Snow 1 inch
Tuesday 25 SW 30, 36, 27 Cloudy.
Wednesday 26 S. 20, 32, 24 Cloudy.
Thursday 27 SW 10, 26, 18 Fair. S.E.
Friday 28, SW 18, 39, 32 Fair Moon quarted 9h. 17m. am.

January 1814

Saturday 29 NW. 20, 24, 9, Fair. Moon & 7 stars pass.

Sunday 30 NW 17, 33, 12 Cloudy Snow 2 10ths

Monday 31 NW. 0/8, 0/2, 0/2. Fair.

Summary for this month.

The thermometer at the highest was 39, at the lowest was 8 below zero, it averaged near 20.

The wind was West one day, South West 1, South 1, South East 1, East 1, North East 5, North 2, North West 13 days.

It was fair 19 days, cloudy 12 days; it snowed in 6 days.

Of snow there fell 1 foot, 3 inches, 3 10ths

no rain this month.

The wells are low - little water in brooks & rivers - becomes difficult to get corn & grain ground into meal.

February 1814

Tuesday 1. S. 0/5, 14, 33 Cloudy. Snow 1 Inch, evening rain very little.
Wednesday 2. SW 39, 47, 38 Cloudy foggy.
Thursday 3. NW 30, 31, 16 Fair.
Friday 4 NW 0/7, 12, 0/1 Fair Moon fulld 1 h. 47 m. Am. N°.
Saturday 5 NW 0/5, 16, 4 Fair.
Sunday 6 NW 14, 26, 22 Cloudy.
Monday 7. W. 8, 23, 20 Fair. Night 1 Inch Snow.
Tuesday 8. NW 30, 39, 12 Fair
Wednesday 9. E. 8, 19, 11 Cloudy, Snow 7 Inches.
Thursday 10. NE 11, 25, 27 Cloudy. Snow rain 1 inch hail.
Friday 11 N. 30, 39, 33 Cloudy Night snow 2 Inch.
Saturday 12. NW Light 18, 23, 20 Cloudy [Moon quartered @ h. 29 m. PM. E.]
Sunday 13 NW. 20, 32, 25 Cloudy Snow ½ Inch
Monday 14 E 18, 26, 18 Cloudy. Snow ½ Inch.
Tuesday 15. W 12, 32, 29 Cloudy.
Wednesday 16 NW. 25, 41, 30 Fair.
Thursday 17. SW. 36, 46, 41 Foggy. cloudy. rain 1/10th
Friday 18. SW 40, 49, 38 Fair.
Saturday 19 NE 23, 44, 33 Fair.
Sunday 20 E 24, 44, 35 Foggy, cloudy - little rain
moon changed 2 h 8 m. am N°.
Monday 21. NW 25, 34, 20 Fair.
Tuesday 22. W 18, 40, 30 Fair.
Wednesday 23 SW 21, 41, 38 Fair.
Thursday 24 NE 33, 38, 45 Foggy Cloudy. Rain 9½ 10th
Friday 25 SW 35, 40, 26 Fair.
Saturday 26 NW. 15, 32, 20 Fair moon & Stars together.
Sunday 27 S. 14-1, 42, 32 Cloudy. Snow ½ Inch
moon quarter 5 h. 5 m. N.

February 1814

Monday 28. NW 22, 26, 16 Fair.

Summary for February.

The thermometer at the highest was 49, at the lowest was 7 below zero, it averaged 26.

The wind was West 3 days, South West 5, South 2, East 3, North east 3, North 1 North west 11 days.

It was fair 11 days, cloudy 4; it snowed in 8 days, rain in 5, foggy in 4 & hail in 1 day. 10 hrs.

Of snow there fell 1 foot 1 inch & 6 10 hrs.

Of rain there fell 2 inches 1. 20 hr.

Summary for the three winter months.

The thermometer at the highest was 49, at the lowest 8 below zero it averaged 20 1/4.

The wind was West 6 days, South West 11, South 5, South East one, East 1, North East 14, North 3, North West 40 days.

It was fair 52 days, cloudy 39; snow in 20 days, rain 8, foggy 5 hail 2. Thunder 1, Lightning 1.

Of snow there fell 3 feet 1 inch & 10 hrs.

Of rain fell there fell 2 inches 1 10 hr. 1. 40 hr.

March 1814

Tuesday 1 N. 15, 28, 21 Cloudy, Snow, 1 Inch.

Wednesday 2 NW. 20, 32, 24 Fair.

Thursday 3. NW 24, 34, 21 Fair.

Friday 4 NW high 8, 13, 5 Fair

Saturday 5. NW. 9/4, 18, 12 Fair.

Sunday 6 NW 4, 27, 19 Fair Moon full 2 h. 8 m. A.M. SW.

Monday 7 SW 20, 41, 29 Fair. Blackbirds & Pedlers appear

Tuesday 8 SW 23, 42, 34 Cloudy.

Wednesday 9 NW 26, 43, 35 Cloudy, Rain a little.

Bluebirds appear.

Thursday 10 NE. 36, 40, 32 Cloudy, Little rain, Snow 4 Inches.

Friday 11 NW 26, 35, 30 Fair

Saturday 12 NW high 31, 41, 31 Fair. N. E.

Sunday 13. NW high 20, 23, 12 Fair. Moon quartered 8 h. 52 m. P.M.

Monday 14 NW 8, 37, 22 Fair.

Tuesday 15 SE. 22, 31, 37 Cloudy Snow 1 1/2 Inch Rain 7. 16 hrs

Wednesday 16 NW high 36, 38, 26 Fair.

Thursday 17 W. 14, 36, 31 Fair.

Friday 18 SW 31, 45, 35 Fair.

Saturday 19 NW 31, 43, 30 Fair.

Sunday 20. NW. 31, 34, 23 Foggy, Cloudy Snow 2 10 hr 1 20 hr.

Robbins appear

Monday 21, E. 16, 33, 25 Fair. Moon changed 4 h. 8 m. P.M. S.W.

Larks appear.

Tuesday 22 N. 27, 39, 28 Cloudy Snow 8 Inches

Wednesday 23 NW high 23, 34, 25 Cloudy.

Thursday 24 NW. 16, 38, 21 Fair.

Friday 25 NW high 14, 27, 25 Fair. Moon 47 Stars pass.

Saturday 26 SW. 18, 46, 40 Fair. Woodwalls appear.

March 1814

Sunday 27. SW 42, 59, 46 Fair. Peewees appear
Monday 28. NW 31, 43, 35 Fair. Moon quartered 0h 34m. E.
Tuesday 29. NE 31, 53, 38 Fair.
Wednesday 30 NW 32, 60, 48 Fair.
Thursday 31 NE 38, 56, 45 Foggy - Cloudy - Wild geese & striped squirrels appear.

Summary for March.

The thermometer at the highest was 60, at the lowest 4 below zero, it averaged 29 & 5.6ths
The wind was west one day, S.West 5, South East 1, East 1, North East 4, North 2, & North west 11 days.
It was fair 22 days, cloudy 9; it snowed in 5 days, rain in 3 & foggy in 2 days.
Of Snow there fell 1 foot 4 Inches 5.10ths & 1.20th
Of Rain 7.10ths

April 1814.

Friday 1, S.E. 44, 52, 41 Foggy, cloudy, rain 5.10ths 5.20ths
Saturday 2. NW. 36, 55, 43 Fair. People began to plow.
Sunday 3 E 36, 51, 36 Fair, Butterflies, snipes & Frogs appear.
Monday 4 NE 36, 41, 43 Foggy & Cloudy Rain 4.10ths 4.2 20ths
moon fulled 3h. 38m. N.E.
Tuesday 5 E 52, 43, 42 Foggy Cloudy Rain
Wednesday 6 W high 35, 56, 46 Fair - distant thunder in the west - in the evening Rain! 20th
Thursday 7. N. 40, 46, 37 Cloudy. Night 1/2 Inch of snow.
People sowing oats & wheat.
Friday 8 E. 31, 44, 33 Fair. Woodwalls appear
Saturday 9 NE 33, 57, 40 Cloudy. Nottingham.
Sunday 10. SW. 40, 54, 47 Foggy, Cloudy, Rain 1.10th
Snow in my yard dispersed.
Monday 11. NE 50, 49, 42 Foggy Cloudy Rain 3.10th
Tuesday 12 NW 33, 46, 37 Fair.
moon quartered 4h. 26m. PM NW.
Wednesday 13 S.E. 35, 53, 33 Fair.
Thursday 14 SE 38, 56, 45 Fair.
Friday 15 NE 39, 43, 40 Cloudy, Rain 6 10th
Saturday 16 NW. 32, 47, 43 Fair.
Sunday 17 S.W high 36, 63, 51 Fair. In even. wind NW.
In the night a brilliant Aurora Borealis.
Monday 18. W 30, 48, 35 Fair.
Tuesday 19 NE 35, 53, 39 Cloudy.
Wednesday 20 S.E. 25, 49, 38 Fair. Epping to Beersfield.
Moon changed 3h. 15m. am. N.E.
Thursday 21 E. 35, 46, 35 Cloudy Little snow Rain 1.20, 1.40
Friday 22. SW. 33, 61, 57 Fair.
Saturday 23 NW 45, 65, 39 Fair Moon 7 days old
In the night water froze 3/4 Inch thick.

April 1814

Sunday 24 NE 23, 43, 31 Fair

Monday 25 SE 30, 53, 41 Cloudy.

Tuesday 26 SW 40, 83, 74 Fair at 3 Oclock PM 88.
moon quartered 7h. 19 P.M. South.

Wednesday 27 SW 63, 85, 77 Fair. at 3 Oclock PM 88.
Night hawks, Sparrows & Martins appear
Some people began to plant potatoes & beans.

Thursday 28 NW 49, 60, 43 Fair. Frost in the night.

Friday 29 SW high 39, 68, 50 Fair.
Sowed my wheat, flaxe, peas & oats.
Some people planting corn

Saturday 30 S. 41, 61, 61 Foggy Cloudy rain 1.46th

Summary for April.

The thermometer at the highest was 85, at the lowest 25 it averaged more than 45 & 1/3.

The wind was West 2 days, South West 6, South 1, South East 5, East 4, North East 6, North 1, North West 5.

It was fair 18 days, cloudy 12; Foggy in 6, rain in 8, Thunder in 1, & snow in 2 days.

Of snow there fell 5.10ths

Of rain there fell 2 inches 4.10ths

May 1814

Sunday 1 NW 57, 63, 47 Fair - Little rain.

Monday 2 NW high 37, 47, 37 Cloudy little rain & little hail
Froze water in the night ditto ice thick as window Glass.

Tuesday 3 SE 33, 50, 42 Cloudy Nottingham

Wednesday 4 SE 41, 52, 41 Foggy cloudy Little rain.

Thursday 5 SE 42, 51, 47 Foggy cloudy little rain.
distant thunder in the north.

Friday 6 SE 43, 57, 45 Foggy cloudy Little rain.
began to plant potatoes.

Saturday 7 E. 45, 47, 43 Foggy cloudy, thunder lightning & rain 4.10ths

Sunday 8 NW high 45, 60, 47 Fair - Little rain. Bobolinques appear

Monday 9 NO high 43, 58, 51 Fair. Frost in the night.
Wrens appear.

Tuesday 10th SW 48, 69, 57 Fair. Peach trees in blossom.

Wednesday 11. SE 50, 61, 55 Cloudy - Rain 3.10th 1.20th
began to plant indian Corn.

Thursday 12 SE. 55, 68, 54, Cloudy - Little rain.
moon quartered 9h. 42m. a.m. Peach, cherry, pear & apple trees begin to blossom.

Friday 13. E 50, 62, 54 Foggy, Cloudy - rain

Saturday 14 SE. 54, 58, 57 Foggy, cloudy rain

Sunday 15 NE 50, 53 50, Foggy, cloudy, rain

Monday 16 NE 48, 49, 47 Foggy, cloudy, rain

4 Inches 6.15th

Tuesday 17 E 48, 60, 54 Foggy, cloudy little rain.

Wednesday 18. NW. 55. 63. 68. Fair. Epping via Hampton Falls

Thursday 19. NW. 52. 73. 66, Fair. Portsmouth to Epping.
Moon changed 0h. 11m. P.M. S.

Friday 20 S. 60. 78. 60 Fair. Evening foggy.

Saturday 21. SE 53, 59, 61 Foggy, Cloudy, Thunder & lightning - Hail, Rain some as large as pistol ball - Rain - 1 inch 3.10th

Sunday 22 NW 56, 68, 62 Fair - Rain

Monday 23 NW high 57, 65, 57 Fair.

Tuesday 24 NW. 54, 69, 62 Fair

May 1814

Wednesday 25 NW. 57, 80, 74 Fair. quartered 3h. 2m. AM. NW.
Thursday 26 SW 66, 86, 72. Fair. 89 at 3 O'clock. Moon Epping to Newmarket
Friday 27. E 67, 80, 64 Fair Newmarket to Epping.
Saturday 28 E. 63 75, 58 Cloudy. in the evening little rain.
Finished planting. Washed my sheep.
Sunday 29. SE. 58, 74, 50 Some thunder lightning cloudy
Rain 2.10ths
Monday 30. NE. 54, 65, 55 Cloudy little rain. In the evening distant lightning & thunder in the east. — } 5.10ths — 1.40th
Tuesday 31 NE 51, 55, 53 Cloudy Rain

Summary for May

The thermometer at the highest was 86, at the lowest 33 it averaged 56 & near 1/4.
The wind was South West 2 days, South 1, South east 8, East 6, North east 4, & North West 10 days.
It was fair 13, & cloudy 18 days; it rained in 19 days, hail in 2, fogg in 11, thunder in 5, & lightning in 4 days.
Of rain there fell 7 inches 1.10th 1.20th & 1.40th

Summary for Spring.

The thermometer at the highest was 86, at the lowest 4 below zero, & it averaged 43 2/3 nearly.
The wind was West 3 days, South west 13, South 2, South East 14, East 11, North East 14, North 3, North West 32.
It was fair 53 days, cloudy 39; it snowed in 7 days, rain in 30, fogg 19, hail 2, thunder 6, & lightning in 4 days.
Of snow there fell 1 foot 5 inches & 1.20th
Of rain there fell 1 foot 1 inch, 8.10ths 1.20th & 1.40th

June 1814.

Wednesday 1. N. E. 53, 69, 60. Cloudy.
Thursday 2. SE. 57, 74, 57. Fair fogg. Moon fulled 8h. 57m. PM. S.E. Sheared my sheep.
Friday 3. SE 56, 76, 56 Cloudy foggy distant thunder in NW. Rain 1.80th Began to Weed my corn.
Saturday 4 W. 56, 71, 62 Cloudy Foggy.
Sunday 5 NE. 60, 67, 55 Cloudy Rain 1.80th
Monday 6 SE 50, 59, 46 Cloudy. } Frost in the nights.
Tuesday 7. SE. 45, 60, 45 Fair.
Wednesday 8. SE 44, 62, 50 Fair.
Thursday 9. E. 50, 70, 59 Fair.
Friday 10. SE 50, 74, 59. Fair Moon quartered 11h. 30m. PM. E.
Saturday 11. S. 57, 74, 65 Fair, Foggy.
Sunday 12 SE 64, 77, 67 Fair.
Monday 13. SE 66, 81, 63 Fair.
Tuesday 14 SE 59, 64, 60 Cloudy Fogg Rain 8.10th 1.40th
Wednesday 15 SE 61, 77, 68 Fair — Foggy. In night an unusual number of cobwebs on the ground.
Thursday 16 SE. 62, 76, 66 Fair Fogg. Cobwebs numerous
Friday 17. SE 60, 66, 62. Fair foggy, rain 4.10ths
Moon changed 7h. 17m. PM. W. Distants thunder & lightning.
Saturday 18. SE. 62, 74 66 Fair — Fogg.
Sunday 19 NW 62, 73, 64 Fair.
Monday 20 NE. 61, 75, 64 Fair.
Tuesday 21 S. 53, 75, 64 Fair.
Wednesday 22 S 58, 78, 67 Fair.
Thursday 23. NW very high 69, 63, 54 Cloudy Little rain. Frost in the night on pine lands
Friday 24 NW high 52, 63, 45 Fair Fire necessary for comfort.
Moon quartered 11h. 15m. E. Some frost in night.
Saturday 25 NW. 54, 71, 53 Fair.
Sunday 26 NE. 57, 70, 58 Fair.
Monday 27. NE 59, 67, 61 Cloudy Rain } 1 Inch 6.10th 1.40th
Tuesday 28 NE 60, 63, 53 Cloudy Rain

June 1814

Wednesday 29 SW 61. 81. 65 Fair. Afternoon thunder & lightning & rain 1.10th at 3 P.M. 86.

Thursday 30 N.E. 62. 73. 62 Fair.

Summary for June.

The thermometer at the highest was 81, at the lowest 44, & averaged 62 & little more than 1/3.

The wind was West 1 day, South west 1, South 3, South East 13, East 2, North East 6, & North west 4 days.

It was fair 21 days, cloudy 9; foggy in 9 days, thunder in 3, lightning in 2, & rain in 7 days.

Of rain there fell 2 inches 9 10th 1 20th & 1. 80th

On the 29th the thunder lightning & rain was very severe at Portsmouth. The lightning struck in many towns - no lives were destroyed.

In York & Kittery the hail did much damage to vegetation & destroyed much window glass.

July 1814

Friday 1 E. 63. 81. 73 Fair - Fogg. - Horizon smoky.

Saturday 2 SW 61. 83. 70 Fair - Horizon so smoky that the sun gave no pain to the eye in gazing at it - not a cloud to be seen & so little air as it was difficult to discern which way the wind blew. The meeting houses yet no fires in the woods. Mornings & Evenings foggy in the low grounds.

Moon fulled 11 h. 49 m. N.

Sunday 3. S.E. 65. 76. 61 Cloudy - Rain. 1. 10th 1. 40th

Monday 4 N. 63. 78. 74 Fair - Little rain.

In the night rain 1. 90

Tuesday 5 NW. 70. 74 65 Fair.

Wednesday 6 S.E. 60. 80. 73 Fair. Evening thunder lightning Rain 1. 80th Epping to Dover, Portsmouth.

Thursday 7 NW high 68. 70. 56 Fair. Portsmouth to Epping.

Friday 8 NW high 55. 68. 61 Fair.

Saturday 9 N.W. 61. 77. 65 Fair.

Sunday 10 S.E. 61. 79. 65 Fair Moon quarters 10 h. 28 m. a.m. - S.W.

Monday 11 S.E. 64. 65. 61 Cloudy - Rain 9. 10th

Tuesday 12 NW high 61. 67. 49 Fair.

Wednesday 13. NW high 49. 68. 68 Fair.

No cherries - few currants - very few plums or peaches.

Thursday 14 NW 64. 79. 69 Fair. grafs.

Finished the hilling of my corn & potatoes Began to mow my

Friday 15. S.W. 67. 84. 75 Fair

Saturday 16 W. 70. 84. 79 Fair at 5 P.M. 93.

Sunday 17 S. 71. 76. 77 Cloudy Little distant thunder & rain

Moon changed 1 h. 39 m. a.m. North - & evening lightning

Rain 1. 10th

Monday 18 NW high 66. 75. 64 Fair.

Tuesday 19 NW 58. 75. 60 Fair.

Wednesday 20 S.E. 55. 77. 60 Fair.

July 1814

Thursday 21 S & E. 56, 71, 60 Cloudy Little rain.
Friday 22 W. 61, 77, 67 Fair.
Saturday 23 NW 60, 76, 70 Fair. Moon quarters 11h. 8m. P.M. W.
Sunday 24. S. 60, 83, 70 Fair.
Monday 25 W. 69, 80, 69 Fair. Little rain.
Tuesday 26 NW & S.W. 57, 74, 66 Fair.
Wednesday 27 S.W. 61, 77, 67 Fair.
Thursday 28 S. 64, 85, 73 Cloudy - Little rain. distant thunder & lightning.
Friday 29 N. E. 67, 66, 65 Cloudy - Rain 3 Inches 4.10ths
Saturday 30 NW. 61, 74, 69 Fair.
Sunday 31 S.W. 62, 84, 64 Fair - Little rain 1.10th

Summary for July.

The thermometer at the highest was 84, at the lowest 49, it averaged 70 & near two fifths.
The wind was West 3 days, South West 4, South 3, South East 5, East 2, North East 1, North 1, & North West 12 days.
It was fair 25 days, cloudy 6; foggy in 2, rain in 10, thunder & lightning in two days.
Of rain there fell 4 Inches 6 10ths & 1.20th

Note.

On the 29th at 10 O'Clock A.M. a tornado at Haverhill Mass. Wind S.W. blew down one house & shop killed one man & wounded 4.
At Portsmouth N.H. a barn & store demolished.
On the 28th at Charlestown Mass. The large building erected over the spot on which the ship Independence 74 Guns was recently built was blown down.

August 1814

Monday 1 S & E. 67, 76, 58 Cloudy Some Thunder & lightning Moon full 2h. 24m. A.M. S.W.
Rain 4.10ths
Tuesday 2 E. 56, 63, 59 Cloudy - Some thunder & lightning
Rain 1.10th & 1.20th
Wednesday 3 S & E. 59, 74, 63 Cloudy distant thunder & little lightning & little rain.
Thursday 4 E. 61, 71, 60 Foggy, cloudy, rain 1.80th
Friday 5 N & E 57, 71, 62 Fair.
Saturday 6 S & E. 56, 75, 61 Fair.
Sunday 7 S. 61, 72, 69 Cloudy - little rain. 10th & 20th
Monday 8 S. 67, 73, 66 Cloudy - Rain 2 inches 4.0
Moon quarters 6h. 7m. P.M. North.
Tuesday 9 N. & high 65, 74, 69 Cloudy.
Wednesday 10 N. 61, 78, 68 Fair at 3 O'clock P.M. 83.
Thursday 11 S.W. 68, 83, 71 Fair at 5 O'clock P.M. 91.
Friday 12 NW 71, 85, 72 Fair at 5 O'clock P.M. 89
Saturday 13. NW 67, 88, 68 Fair at 5 O'clock P.M. 89
Little rain, distant thunder & lightning N. & E.
Sunday 14 S.W. 64, 78, 63 Fair. 10th & 20th
Monday 15 S & E. 61, 64, 59 Cloudy. Rain 6.10ths
Moon changed 5h. 36m. A.M. Lightning in the evening & in the last
Tuesday 16. S.W. 62, 82, 73 Cloudy. 40 or 50 Night hawks
flew over at 5 O'Clock P.M. in one flock from the east.
Wednesday 17 S.W. & high 73, 84, 71, Fair. In evening distant
lightning in the East.
Thursday 18 S.W. 58, 79, 66 Fair.
Friday 19 S.W. 66, 84, 70 Fair.
Saturday 20 S.W. 61, 83, 65 Cloudy, thunder, lightning,
rain 6.10ths 1.20th
Sunday 21 NW & high 55, 61, 52 Fair.
Monday 22 NW 49, 63, 53 Fair Moon quarter'd 2h. 27m. P.M. S. & E.
Frost last night on sundry land.
Tuesday 23 NW 44, 67, 56 Fair.

Wednesday 24 SW. 50, 70, 66 Cloudy - little rain
Thursday 25 NW 61, 75, 51 Fair
Friday 26 W. 46, 65, 51 Fair.
Finished Haying - crops of hay middling - not so good as last year.
Saturday 27 SW 43, 73, 59, Foggy, Cloudy - evening rain
Sunday 28 NW high 57, 58, 48 Cloudy, rain 4 Inches 6.10th
Monday 29 N. 55, 69, 60 Fair.
Tuesday 30. NW 52, 77, 68 Fair
Wednesday 31 S&E. 65, 73, 56 Fair.
Moon fulled 5h. 12m. am. West.

Summary for this month.

The thermometer at the highest was 84, at the lowest 43, it averaged 65.
The wind was West 1 day, South West 9, South 2, South East 5, East 2, North East 2, North 3, North West 7 days.
It was fair 18 days, cloudy 13, rain in 11, thunder in 5, lightning in 7, fogg in 2 days.
Of rain there fell 8 inches 4.10th 1.20th & 1.80th

Summary for the Summer

The thermometer at the highest was 84, at the lowest 43; it averaged nearly 66.
The Wind was West 25 days, South West 14, South 8, South East 23, East 6, North East 9, North 4, North West 23.
It was fair 64 days, cloudy 28, foggy in 13, thunder 10, lightning 11, rain in 28 days.
Of rain there fell 1 foot, 4 inches, 1.20th & 1.40th

Thursday 1 W. 53, 81, 72 Fair at 4 Oclock 84. Spread my flow.
Friday 2 S. 70, 83, 64 Fair - afternoon Leavings distant Thunder & lightning in the north.
Saturday 3 W. 65, 82, 69 Fair. much lightning in N.W. & N.
Sunday 4 SW. 61, 86, 77 Fair In even. lightning in N.W. in the night little rain & thunder. at 30m 89.
Monday 5 N. 53, 56, 47 Fair. Moon 7th Hour fasted early am Frost in the night.
Tuesday 6 SW 37, 63, 49 Fair.
Wednesday 7. SW 52. 69, 57 Fair - little rain. Moon changed 1h.41 m. E.
Thursday 8, SW 56 74, 62 Cloudy - rain 8.80th
Friday 9. E 51. 70, 53 Fair.
Saturday 10. S E 45. 71, 55 Fair.
Sunday 11 W. 54. 78, 65 Fair. Even. Aurora Borealis.
Monday 12 N E 59, 63, 53 Cloudy - little rain 1.80th
Tuesday 13. N E 48, 53, 45 Cloudy - Rain Moon changed 6h. 8m. 8m. W. 2.10 1.40 Rain.
Wednesday 14 N E 45. 49, 49 Cloudy rain
Thursday 15 N E. 49, 63, 55 Cloudy.
Friday 16 N E 55, 57, 56 Cloudy - Rain 1 Inch 6 10th
Saturday 17. S W 57. 71, 63 Fair - little rain.
Sunday 18 S W. 60, 66, 55 Fair little rain.
Monday 19 N W. 45, 59, 50 Fair.
Tuesday 20 S W 42, 71, 66 Fair
Wednesday 21 N E 61, 63, 54 Cloudy rain a little. Moon quarted 8h. 16m. P.M. W.
Thursday 22 N E. 55, 60, 57 Fogg, Cloudy, rain 1.10th began to make cyder.
Friday 23 N E 57, 68, 61 Cloudy little rain.
Saturday 24. S E 54 63, 55 Fair.
Sunday 25 S. 53 69, 48 Cloudy - little rain
Monday 26 NW high 38, 52, 43 Fair.
Tuesday 27 NW 40, 59, 43 Fair
Wednesday 28 E 40, 53, 48 Cloudy - little rain

Thursday 29 E 48, 60, 53 Foggy Fair Moon fulled 6h. 51m. am.

Friday 30 SW 43, 67, 52 Fair.

Summary for September.

The thermometer at the highest was 86, at the lowest 37, it averaged 57 2/3.

The wind was West 3 days, South West 8, South 2, South East 2, East 3, North East 8, North 1, North West 3 days.

It was fair 19 days, cloudy 11; thunder in 2, lightning in two, fogg in 2, & rain in 14 days.

Of rain there fell 1 inch 9 10ths & 1 20th of an inch.

Saturday 1 SW. 52, 66, 58 Foggy-Fair. Finishing digging my potatoes.

Sunday 2 W. 57, 71, 59 Fair. Moon & 7 Stars together.

Monday 3 S.W 46, 64, 55 Cloudy-little rain-distant lightning in Evening. Finished cutting my staths.

Tuesday 4 W. 55, 67, 55 Fair.

Wednesday 5 E. 47, 58, 53 Cloudy. Night rain 4 10th 1 20th

Thursday 6 NW high 55, 56, 43 Fogg, Fair. Moon quartered 7 h. 30 m. am. S.W.

Friday 7 NW high 38, 46, 35 Cloudy. Froze ice as thick as Glass this night for the first pumpkin vines & potatoes killed with frost

Saturday 8 NW 34, 43, 34 Fair. Finished making cyder - Little cyder made - it new sells at Portsmouth @ 5.00 per barrel - No fruit.

Sunday 9 W. 25, 51, 45 Fair.

Monday 10 SW 39, 62, 51 Fair.

Tuesday 11 SW 40, 65, 50 Fair. Finished gathering my Indian corn. Crops small this year.

Wednesday 12 NW. 46, 74, 66 Fair.

Thursday 13, NW 57, 63, 50. Fair. Moon changed 6 h. 4 m. am. E.

Friday 14 SW 37, 67, 59 Fair.

Saturday 15 S. 62, 74, 56 Cloudy - Evening rain 1. 40th

Sunday 16 NW 41, 43, 33 Cloudy.

Monday 17 N. 26, 44, 33 Fair.

Tuesday 18 W. 27, 57, 51 Fair.

Wednesday 19 N.W. 42, 55, 40 Cloudy.

Thursday 20 SW 40, 52, 39 Fair. In the morning little rain, little thunder & lightning.

Friday 21 E. 27, 50, 42, Fair. Moon quartered 3 h. 4 m. am. N.W.

Saturday 22 SW 30, 49, 50 Fair.

Sunday 23. E 28, 49, 38 Cloudy.

Monday 24 NW 31, 43, 32 Fair.

Oct 1814

Tuesday 25 SW 22, 48, 42 Fair.
Wednesday 26 SW 37, 61, 52. Fair. Butterflies appear.
Thursday 27 SE. 43, 62, 52 Cloudy Foggy. 2 16th
Friday 28. S. high 53, 59, 47 Cloudy-rain
Moon full 7h. 46m. eve. S.E. Wildgeese fly S.E.
Saturday 29 ~~SE~~ 47. 53, 43 Cloudy Foggy.
Sunday 30 S. 41, 57, 43 Foggy, cloudy-little rain.
moon quarter 7h. 46m. eve.
Monday 31 NW 34, 52, 42 Fair

Summary for the month

The thermometer at the highest was 74, at the low = est 22, it averaged 49 near two thirds.
It was fair 20 days, cloudy 11; fogg in 5 days rain in 5, light = ning in 2 & thunder in 1 day.
The wind was West 4 days, South West 9, South 3, South East 2, East 3, North 1, & North west 9 days.
Of rain there fell 6 10ths 1 20th & 1 40 of an inch.

November 1814

Tuesday 1 NW 34, 42, 31 Fair.
Wednesday 2 N.E. 24, 36, 28 Fair.
Thursday 3 N.E. 28, 32, 33 Foggy, cloudy, snow 1/2 inch but dispersed nearly as soon as fell - Light rain a little 8 h. 30 m. p.m. NW
Friday 4 N.E. 32, 38, 35 Cloudy little rain. Moon quarter 2h. 7m.
Saturday 5 N.E. 35, 46, 40 Cloudy little rain.
Sunday 6 E. 38, 46, 41 Cloudy.
Monday 7. N.E. 40, 41, 41 Foggy, Cloudy rain 1 10th 1. 20th 4th
Tuesday 8 NW 32, 44, 36 Fair.
Wednesday 9 SW 29, 46, 32 Fair.
Thursday 10 SW 29, 50, 44 Cloudy.
Friday 11 NW 35, 50, 39 Fair. Moon changed 8h. 46m. eve. NW.
Saturday 12, W. 31, 50, 39 Fair.
Sunday 13 S.W. 42, 58, 58 Cloudy, Rain 2 8, 10th 20th 1.
Monday 14 S. 58, 62, 48 Cloudy Rain 8, 1.
Tuesday 15 N. 32, 46, 37 Fair.
Wednesday 16 N.E. 29, 42, 39 Cloudy.
Thursday 17 SW 40, 48, 48 Cloudy, Foggy, rain 1. 20th
Friday 18 SW 49, 61, 52 Cloudy, Rain
Saturday 19. N.E. 45 41, 34 Cloudy rain began to thaw my neat cattle. } 3 inches 4 10ths 2 20ths
Sunday 20 N. 32, 33, 32 Cloudy hail Rain
moon quartered 0 h. 9 m. am. W.
Monday 21 NW 31. 38, 29 Fair. Moon 24 past eve.
Tuesday 22 SE 25, 40, 38 Cloudy little rain.
Wednesday 23 SW 28, 49, 50 Cloudy.
Thursday 24 NW 38, 39, 29 Fair.
Friday 25 NW. 23, 29, 23 Fair
Saturday 26 NW 19, 34, 24 Fair.
Sunday 27 SW 19, 32, 31 Cloudy, Snow 4 inches
Moon fulled 7h. 36 m. am. NW.

November 1814

Monday 28 NW. 29, 32, 20 Fair.
People riding in sleys - the sleying not good.
at 20 M. past 7 o'clock PM. there was a shock of an earthquake - it shook the house - It was from North to South. The wind was brisk in the day - the evening was still & clear, as they have been for sometime. The vibration & noise continued near 2 minutes.

Tuesday 29 NE. 10, 25, 24 Cloudy.

Wednesday 30 NE 27, 34, 33 Foggy, Cloudy Snow 2 Inches night some rain.

Summary for this month.

The thermometer at the highest was 62, at the lowest 10, it averaged 36 & 2 thirds.
It was fair 12 days cloudy 18; foggy in 4, snow in 3, rain in 12 & hail in 1 day.
The wind was West 1 day, South West 7, South 1, S.E. 1, East 1, North East 9, North 2, & North West 8 days.
Of rain there fell 5 Inches 5 10ths & 1 20th
Of snow there fell 7 inches 5 10ths

Summary for Autumn.

The thermometer at the highest was 86 at the lowest 10, it averaged 64 2/3.
It was fair 51 days, cloudy 40; thunder in 3 days, lightning 4 in 4, fogg in 11, rain in 26, snow in 3, and hail in 4 day.
The wind was West 8 days, South west 24, South 6, South east 5, East 7, North East 17, North 4, North West 20 days.
Of rain there fell 8 inches 1 10th, 20th & 1 40th of an inch.
Of snow there fell 7 inches & 5 10ths

December 1814

Thursday 1 NE. 30, 32, 28 Cloudy, Rain & Snow, 3 inches.
Friday 2 NW 27, 35, 31 Fair.
Saturday 3 NW 25, 28, 15 Fair. Moon quarter'd 11 h. 47 m. PM. S.
Sunday 4 NE 19, 27, 22 Cloudy Snow 2 inches 5 10ths
in night small Aurora Borealis.
Monday 5 NW high 19, 22, 14 Fair
Tuesday 6 NW. 5, 21, 16 Fair
Wednesday 7 NW high 21, 29, 21 Fair.
Thursday 8 NW. 16, 24, 14 Fair.
Friday 9 NW high 11, 17, 12 Fair.
Saturday 10 SW. 6, 24, 16 Fair.
Sunday 11 NE 21, 24, 22 Cloudy Snow 1 Inch.
moon quartered 2 h. 15 m. PM. S.W.
Monday 12 SW 20, 33, 21 Fair.
Tuesday 13 NW 12, 27, 22 Cloudy.
Wednesday 14 NW. 12, 30, 20 Fair.
Thursday 15 NW 15, 31, 19 Fair. 1 10th, 20th
Friday 16 SE 17, 30, 34, Cloudy Snow 1-1/2 Inch Rain
Saturday 17. NW. 33, 36, 29 Fair.
Sunday 18 E 19, 32, 27 Cloudy
Monday 19. NE 20, 29, 23 Cloudy Snow 1-1/2 Inch.
moon quartered 7 h. 10 PM. S.
Tuesday 20 NW high 3, 8, 8 Fair.
Wednesday 21 NW 8, 27, 19 Fair Epping to Portsmouth
Thursday 22. SW 19.. 33, 35 Fair Portsmouth to Epping
Friday 23 SW 29, 39, 25 Cloudy.
Saturday 24 W 20, 32, 23 Fair.
Sunday 25 NW 4, 11, 2 Fair
Monday 26 NW 9/4 13, 2 Cloudy Moon fulled 6 h. 44 m. PM.
& the moon was partially eclipsed evening fair.
Tuesday 27 NW 12, 22, 19 Fair.

Dec 1814

Wednesday 28 N.E. 22, 24, 22 Cloudy.
Thursday 29 S.W. 18, 40, 31 Fair.
Friday 30 N. 30, 39, 31 Cloudy
Saturday 31 NW 32, 40, 26 Fair

Summary for December.

The thermometer at the highest was 40, at the lowest was 9 below Zero, it averaged nearly 22.
It was fair 21 days, cloudy 10; rain in 2 & snow in 5 days.
The wind was West 1 days, South West 5, South East 1, East 1, North East 5, North 1, & North west 7 days.
Of rain there fell 2, 10ths of an inch.
Of snow there fell 9 inches 5 10ths of an inch.

Summary for this year.

The thermometer at the highest was 86, at the lowest 9 below zero, & it averaged 43 1/2.
It was fair 219 days, cloudy 146; rain in 96 days, snow 29, fogg 47, hail 4, thunder 19 & lightning in 19 days.
The wind was West 21 days, South West 64, South 19, South East 44, East 29, North East 55, North 15, and North West 118 days.
Of rain there fell 3 feet 4 Inches 3 10ths 1 20th & 1 40th
Of snow there fell 5 feet 2 Inches 9 10ths & 1 20th.

Note Monday Sunday 25th Dec the thermometer 8 O'clock a.m. at Boston was 2 below zero.

At Worcester, for the year, it averaged 47,825 – & of rain there fell there 35,72 ie two feet 11 inches & near 3 quarters.

January 1815.

Sunday 1 NW. 23, 40, 35 Fair.
Monday 2 SW. 29, 40, 40 Fair. Night little rain
Moon quartered 10h. 25m. am.
Tuesday 3 E. 35, 43, 33 Foggy, Cloudy, rain, Snow in the evening 1 Inch; Rain 4. 10ths
Wednesday 4 NW high 27, 22, 12 Fair.
Thursday 5. N.E. 18, 22, 20 Cloudy. Snow 3 inches.
Friday 6 NW high 20, 19, 5 Cloudy. Snow flew much.
Saturday 7. NW 2, 17, 3 Fair.
Sunday 8 E. 13, 24, 24 Cloudy. Little rain in night.
Monday 9 SW 21, 35, 31. Fair.
Tuesday 10 SW 25, 35, 29 Cloudy Moon 9 h. 11 m. am.
Wednesday 11 N.E. 32, 36, 34 Rain 1 10th & 1. 20th
Thursday 12 NW high 17, 16, 10 Fair.
Friday 13 N.E. 0/4, 18, 15 Cloudy. Night Snow 1 inch.
Saturday 14. N 15, 22, 14 Cloudy – little snow.
Sunday 15 NW 15. 23, 14 Fair.
Monday 16 N.E. 18, 28, 23 Cloudy little snow
Tuesday 17 N.E. high 24, 32, 23 Cloudy little snow.
Wednesday 18 N.E. 18, 25, 20 Cloudy. Sea roar loud we hear it here very distinctly like distant Thunder
Moon quartered 11 h. am.
Thursday 19 N.E. 19, 30, 32 Cloudy Snow 1/2 Inch Night rain 1. 20th
Friday 20. NW 32, 38, 32 Fair. Moon & 7 Stars hoped.
Saturday 21 NW 23, 35, 25 Fair
Sunday 22 N.E. high 15. 24, 21 Cloudy Night Snow 13 Inches.
Monday 23 N. 20, 21, 14 Cloudy Snow
Tuesday 24 NW 11, 14, 7. Fair.
Wednesday 25. NW 10, 32, 24 Fair Moon fulled 5 h. am.
Thursday 26 NW high 18, 15, 1/2 Fair.

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Friday 27 SW. 0/9, 13, 6 Cloudy

Saturday 28 NW 0/7, 21, 10 Fair.

Sunday 29 NW. 0/1, 9, 0/2 Cloudy Little Snow

Monday 30 NW 0/5, 10, 4 Fair. Evening Snow 1.^{10th}

0/13 Fair

Tuesday 31 NW & strong 0/15, 0/7

The coldest day I ever knew.

The thermometer at the highest was 43, at the lowest
15 below zero, it averaged 18 3/4 & little more.

It was fair 16 days, cloudy 15; it rained in 5 days, foggy
in 1, & snowed in 12 days.

The wind was South West 4 days, East 2, North East 8,
North & North West 15 days.

Of rain there fell 6 ^{10ths}

Of Snow there fell 1 foot 6 Inches & 6.^{10ths}

Note, on the 31st Jan'y the thermometer at Boston was 16 below
Zero. "The harbour at Boston was completely frozen over to
Long is Land."

Wednesday 1. NW high 7, 19, 15 Fair. Moon quarters 5h. 53m. am.

Thursday 2 NW. 16, 28, 19 Fair. Mom. Snow 5.^{10ths}

Friday 3 SW 15, 33, 29 Cloudy - Little Snow.

Saturday 4. NE. 38, 25, 21 Cloudy

Sunday 5 NE 16, 31, 20 Cloudy

Monday 6 NE 21, 23, 15 Cloudy Snow 4 Inches.

Tuesday 7 NW 10, 24, 12 Fair.

Wednesday 8. NW 5, 28, 10 Fair.

Thursday 9 NW. 15, 29, 19 Cloudy. Moon changed 4h. 23m. am.

Friday 10 NW 6, 23, 12 Fair.

Saturday 11 NW 9, 25, 18 Fair.

Sunday 12 NE 14, 25, 21 Cloudy.

Monday 13 NW 8, 14, 3 Fair.

Tuesday 14 NW. 0/1, 25, 12 Fair.

Wednesday 15. NW. 15, 29, 17 Fair.

Thursday 16. SW 16, 34, 26 Fair Moon quarters 11h. 32m.
P.m.

Friday 17. W. 14, 30, 24 Cloudy.

Saturday 18 NE high 11, 14, 15 Cloudy Snow 14 Inches

Sunday 19 N.W. 8, 25, 15 Fair.

Monday 20. SW 9, 34, 33. Cloudy - Little Snow.

Tuesday 21 S.E 35, 40, 34 Cloudy, Foggy Rain 2.^{10ths}

Wednesday 22. NW 17, 28, 9 Cloudy

Thursday 23. NW 0/5, 20, 12 Fair. Moon full 3h. 8m. Pm

Friday 24 NE 7, 20, 17 Cloudy Snow 7 Inches
Cloudy 1 Inch ^{10ths}

Saturday 25 NE 20, 30, 26 Hail, Snow, & — Rain 1.^{10th}

Sunday 26 NW 27, 40, 27 Fair.

Monday 27. SW 14, 45, 30 Fair.

Tuesday 28. SW 29, 50, 37 Cloudy

Feby 1815

Summary for this months.

The thermometer at the highest was 50, at the lowest 6 5 below zero-it averaged 20 1/3 & little more.

It was fair 14 days, cloudy 14 days; snowed in 7. foggy in 1. rain in 2 & hail on 1 day.

The wind was West 1 day, South west 5, South 1, North East 7, & North west 14 days.

Of rain there fell 3 10ths of an inch.

Of snow there fell 2 feet 2 inches 5 10ths

Summary for 3 winter months.

The thermometer at the highest was 50, at the lowest 15 below zero, it averaged 20 1/3.

It was fair 51 days, cloudy 39; it rained in 9 days, snowed in 24, foggy in 2. & hail on 1 day.

The wind was West 2 days, South west 14, South 1, South East 1, East 3, North East 20, North 3, and North West 46 days.

Of rain there fell 1 inch 21 10ths

Of snow there fell 4 feet 6 inches 26 10ths of an inch.

March 1815

Wednesday 1	SW.	29, 51, 36	Fair.
Thursday 2,	SW.	32, 52, 39	Fair. Moon changed 5h. 35m. PM.
Friday 3.	SW	35 55, 39	Fair. Larks appear.
Saturday 4	SW	32, 56, 44	Fair. Hen-hawks appear
Sunday 5.	S.	41. 46, 47	Cloudy Foggy.
Monday 6	W.	46. 50, 41	Fair Gilders appear.
Tuesday 7.	N.	32, 39, 28	Fair.
Wednesday 8.	NE	20, 38, 23	Fair. In the night Aurora Borealis.
Thursday 9.	SW.	22, 43, 34	Fair. Striped squirrels appear.
Friday 10	SW.	27, 53, 43	Fair Moon changed 16h 22m. PM.
		Yellow birds & blue birds appear. & bleach bird.	
Saturday 11.	SW.	38, 47, 41	Cloudy Rain 1 20/10 & 1. 40/10
Sunday 12	NW	36 51. 41	Fair.
Monday 13.	SE	33, 36, 32	Cloudy Snow 6 inches.
Tuesday 14.	N.	29, 44. 32	Cloudy Snow. 1/2 inch
Wednesday 15	W.	32, 51. 40	cloudy Rain 1. 20/10 Snow 5 10ths Apprentice to Portsmouth
Thursday 16.	N. W.	27. 29. 22.	fair. at Portsmouth
Friday 17.	SE.	21, 30, 30	Cloudy Snow 6 inches. Portsmouth to Epping. Moon & 7 stars together.
Saturday 18	NW.	26, 35, 27	Cloudy. Moon quartered 9h. 5m. am.
Sunday 19	NW high	20, 36, 23	Cloudy. Snow 1 inch.
Monday 20	NW high	16, 21, 8	Fair.
Tuesday 21	NW high	9, 18, 10	Fair.
Wednesday 22	NE.	9, 29, 19	Cloudy.
Thursday 23.	NE	18, 31, 30	Cloudy Snow 5 Inches, Rain little
Friday 24	NE	31, 36, 43	Foggy - Cloudy - rain 2 10ths & 1. 40/10 Powers appear.
Saturday 25	NW high	35, 43, 30	Fair Moon full 1h. 39m. am.
Sunday 26	NW	18. 34. 23	Fair

March 1815

Monday 27 SW 30; 47, 45 Fogg, cloudy, rain 3 10th 1. 20th
Tuesday 28 NW 44, 44, 30 Cloudy.
Wednesday 29 E 23, 34, 26 Cloudy-Snow 1 Inch.
Thursday 30 NE 29, 32, 31 Cloudy-Rain 2 Inch 10th 1. 5 1. 20th
Friday 31 NE 30, 33, 33 Cloudy Rain Snow 1 Inch 2 10th

Summary for March.

The thermometer at the highest was 56, at the lowest 1 below Zero, it averaged 33 Lacking one third.

It was fair 15 days, cloudy 16; Fogg in 2 days, rain in 6, & snow in 7 days.

The wind was west 2 days, south west 8, South 1, South east 2, East 1, North east 6, North 2 & North west 9 days.

Of snow there fell 1 foot 9 inches & 2 10th
Of rain 2 inches 2 10th & 1. 40th

April 1815

Saturday 1. NW 28, 31, 23 Fair. Moon quartered 1h. P.M.
Sunday 2. SE 23, 33, 25 Cloudy Snow 6 inches.
Monday 3. SW 20, 40, 27 Fair. Cloudy
Tuesday 4. SW 32, 40, 42 Snow 1 Inch, Rain little
Wild geese fly along to SW. In night thunder & lightning
Wednesday 5 NE 45, 45, 38 Cloudy, fogg Rain 1. 10th
Woodwalls appear.
Thursday 6. E 33, 38, 33 Cloudy, little rain.
Friday 7. N. 31, 48, 36 Fair.
Saturday 8. NE. 31, 35, 32 Cloudy-Snow 4 Inches-Little Rain
Sunday 9. N. 30, 44, 35 Fair Moon changed 1h. 40M. P.M.
Frogs sing in the pond.
Monday 10 SW 29, 54, 38 Cloudy, night rain.
People plowing-butterflies appear.
Tuesday 11 SW. 39, 51, 54 Cloud Rain 5 10th Foggy thunder & lightning in the morning. Spearwood appear.
Wednesday 12 NW 37, 49, 40 Fair Aurora Borealis evening
Thursday 13 SW. 33, 59, 45 Fair at 3 O Clock P.M. 61.
Martins appear.
Friday 14. NW 40, 38, 29 Cloudy little rain, hail snow 1. 10th
People began to saw wheat.
Saturday 15 NW 26, 39, 35 Fair. Moon quartered 9h. 40M. P.M.
Sunday 16 NW high 36, 57, 39 Fair.
Monday 17 NW 33, 54, 40 Fair. Night little rain.
Tuesday 18 E 37, 54, 39 Fair. Snow in Horse yard dispelled.
Wednesday 19 NE 37, 42, 37 Cloudy Rain 6. 10th 1. 40th Frost in the night.
Thursday 20 N. 38. 54, 39 Fair.
Friday 21 E 42, 57, 36 Fair. Frost in the night.
Saturday 22 NE high 35, 45, 40 Cloudy-Night rain 8. 10th 1. 20th 1. 40th
Sunday 23 NE high 37, 40, 41 Cloudy-Rain
Moon fulled 8h. 41 P.M. Snow dispelled in my orchard.
Monday 24 NW 29, 50, 37 Fair. Froze hard in the night.
Swallows appear
Tuesday 25 E. 31, 52, 40 Fair

April 1815.

Wednesday 26 S. 39. 70, 57 Fair at 1PM. 77.
Sowed my wheat.
Thursday 27. SW. 50. 78, 62 Fair. at 5PM 82.
Friday 28 NE. high 52, 50, 41 Cloudy Rain in night
Sowed my flax seed. Some began to plant Indian Corn.
Saturday 29 NE. 36, 37, 33 Cloudy - Rain three days 6, 1, 1. 18th 20th 4th
In night snow 2 10ths
Sunday 30 NW 34, 50, 42. Cloudy.

Summary for this month

The thermometer at the highest was 78 at the lowest was 20, it averaged 40 & something more than 1/3.
It was fair 16 days, cloudy 14; pleasant in 4, rained in 13, thunder in 2, Lightning in 2, Fogg in 2 & hail in 1.
The wind was South west 6 days, South 1, South East 1, East 4, North east 4, North 3, North west 8 days.
Of snow there fell 11 inches 2. 10th
Of Rain 2 inches 8. 16th 1. 20th & 1. 40th

May 1815.

Monday 1 NW. 37, 52, 41. Fair. Moon quartered 7h. 29m. am.
Frost in the night.
Tuesday 2 S & E. 35, 57, 43 Fair. Sowed my Oats & Peare.
Wednesday 3. NE 40, 38, 36 Cloudy - Rain 1. 16th
Thursday 4 SW 36, 56, 44 Cloudy Rain 1. 20th
Friday 5. NW 40 59, 49 Fair. Frost in the night.
Saturday 6 E 38, 58, 43 Fair.
Sunday 7 E 41. 47, 42 Cloudy - Rain 16th } Rain 5. 10ths
Monday 8 NE 33, 46, 39 Cloudy - Snow, 5. 16th Rain }
Tuesday 9 NW 39, 57, 41 Rain, Little rain.
Moon changed 2h. 9 m. am
Wednesday 10 NW high 40, 52, 47. Fair. Frost in the night.
Began to plant potatoes.
Thursday 11. SW. 39, 61, 48, Fair - rain in Evening a little
Bobolinques appear.
In the night small Aurora Borealis.
Friday 12 S & E 43, 66, 46 Cloudy Rain 1, 16th 1. 20th
In the forepart of the day was two large bright halloes round the Sun.
Saturday 13. NW high 57, 56, 46 Cloudy. King birds appear
Began to plant my corn. Dandelions blossomed.
Sunday 14 NW high 40, 49, 37 Fair. Ground froze in the night
Monday 15 NW high 35, 52, 43 Fair. Moon quartered 9h. 40 m. PM.
Tuesday 16 NW 39, 62, 46 Fair.
Wednesday 17. S & E 46. 49. 44 Cloudy Rain 1. 10th
Spring to Hampton Falls.
Thursday 18 NW. 48, 61, 51 Fair. Wrens appear. 3. 10th 1. 20th
Friday 19 NE 43, 37, 34 Cloudy Snow, Hail Rain
Saturday 20. NW high 39, 50 [illegible] Cloudy.
Sunday 21 NW 40. 6[illegible] Fair. Night Hawks appear.
Monday 22 SW 53, 7[illegible] Fair. at 4PM. 80.
Peach trees begin to blossom.
Tuesday 23 SW high 54, 7[illegible], 5[illegible] Fair. moon full'd 6h. 43m. am.
Hum birds appear - Cherry trees begin to blossom.

May 1816

Wednesday 24 W. 56, 75, 62 Fair. Little rain
apple trees begin to blossom.
Thursday 25. W high. 52, 73, 60. Fair. Finished planting.
Friday 26 NW. 54, 66, 57 Fair. Washed my sheep.
Planted cucumber & melons. Locusts begin to blossom.
Saturday 27. W. 52, 75, 66 Fair. Strawberries blossomed.
Sunday 28 SEo. 56, 77, 58 Fair. Little rain. Thunder in the
north. lightning in the evening in NW & SE.
In the night considerable Thunder & lightning. Rain 1.20th 1.40
Monday 29 N.W. high 55, 65, 53 Cloudy Rain 1.40th
Tuesday 30 NW high 52, 64, 55 Fair. Sheared my sheep.
Frost in the night.
Wednesday 31 SEo. 47, 70, 52 Fair. Moon quarter 1h. am.

Summary for May.

The thermometer at the highest was 79, at the lowest
33 & averaged 50 2/3. fraction.
It was fair 21 days, cloudy 10; rain in 13, snow in 2, hail in 1,
thunder in 1 & lightning in 1 day.
The wind was west 3 days, South West 4, South east 5, East
2, North East 3 & North West 14.
Of snow there fell 5 10ths of an inch.
Of rain 1 inch 3 10ths & 1 20th of an inch.

Summary for the Spring.

The thermometer at the highest was 79 at the lowest 1
below zero, it averaged 41 1/3 & 1/6th.
It was fair 52 days cloudy 40 days; snow in 13, rain in 32,
hail in 2, fogg in 4, thunder in 3, lightning in 3 days.
The wind was west 5 days, South west 18, South 2, South
East 8, East 7, North East 16, North 5, North west 31.
Of snow there fell 2 feet 8 inches, 2 10ths & 1.40th
Of rain 6 inches, 4 10ths & 1 20th

Note
May 19th Snow at Lovell Me more than 6 inches of snow at Platts=
=burg N.Y. the same. Flags hoisted briskly.

June 1815.

Thursday 1. Eo. 50, 55, 50 Cloudy. Rain a little.
Friday 2 SE high 53, 64, 54 Cloudy. Rain fogg & rain
Saturday 3. SEo. 57, 61, 57 Fogg. Rain Cloudy. 1 inch 8 10ths
In the evening fair & aurora borealis.
Sunday 4 W 53, 72, 57 Fair.
To day eat the last of my apples raised in 1813 & 1814.
Monday 5 Eo. 52, 59, 48 Fogg. Cloudy, Rain 1 6ths 10, 20ths
Tuesday 6. NEo 49, 55, 50 Fogg. Cloudy, Rain 1 6th.
Wednesday 7. NW. 49, 65, 57 Cloudy Moon changed 4h. 31m. am.
Aurora Borealis in Even.
Thursday 8 NW 49, 63, 53 Cloudy,
Friday 9 NW 52, 67, 56. Fair.
Saturday 10 NW 53, 68, 52 Fair
Sunday 11 W. 58, 79, 64 Fair. at 1 PM. 88.
at 5 PM. 89.
Monday 12 SW 59, 81, 66 Fair to Showers in the
Lightning. Hyacinths began to bloom. Thermometer
Tuesday 13 SW 62, 82, 63 Cloudy. distant Thunder
Rain 1 10th & 1 20th Snow buntings, fleece de lune & peonys in full bloom.
Wednesday 14 NW 63, 66, 58 Fair. Moon quarter 2h. 54m. am.
Thursday 15. SW 53, 77, 64 Fair.
Friday 16 SW 59, 81, 69 Fair Even. distant Thunder
Lightning. Night rain 1.80th
may been swamped.
Saturday 17 SW. 64, 82, 68 Fair.
Sunday 18 NW high 64, 72, 62 Fair.
Monday 19 SE 55, 63, 55 Cloudy. Rain 1.80th
Tuesday 20 NW high 73, 84, 74 Fair.
Wednesday 21. NW. 62, 80, 72 Fair. Moon full 1h. 37m. pm.
Thursday 22. NW. 68, 81, 71 Fair
Friday 23 NW high 65, 74, 60, Fair. Lightning in Even & NW.
Saturday 24 NW 56, 68, 56 Fair.
Sunday 25. NW. 58, 74, 62 Fair

June 1815

Monday 26 E. 55, 67, 56. Cloudy.
White roses in blossom. My bees swarmed a 2d time

Tuesday 27 NW 55, 75, 67 Fair. little rain
Finished the hoeing of my corn & potatoes. the first time.

Wednesday 28 S.W. 58, 78, 72 Fair. Saw lightning in the even. in N. Red roses & Briandes begin to blossom.

Thursday 29 NW 69, 85, 75 Fair at 5 o'Clock PM
Moon quarters 5 h. 3 m. afternoon.

Friday 30 S.E 64, 81, 63 Fair. little rain.

Summary for June.

The thermometer at the highest was 84 at the lowest 48, it averaged 63 1/3 little more
It was fair 21 days, cloudy 9, it rained in 10 days, fogg in 4, thunder in 2 & lightning in 2 days.
The wind was West 2 days, South West 6, South East 4, East 3, North East 1 & North West 14 days.
Of rain there fell 2 inches 6 10ths & 1 40th of an inch.
At the end of the month the drouth was great ground parched, grass withered & small streams failed of Washington
This month at the city the thermometer this month at the highest was 94 at the lowest 50 averaged 73 2/3.

July 1815.

Saturday 1 S. high. 63, 88, 77, Fair. fogg at 4 PM. 93.
In evening much lightning in N. some in S.W. little distant thunder.
many cobwebs in the morning on the ground.

Sunday 2 NW. high 72, 82, 69 Fair.
The Bees swarmed the 6th June swarmed this day those that swarmed the 26th June & their new queen did not leave my hive. flax begins to blossom.

Monday 3 S.W. 61, 75, 64 Cloudy, thunder & lightning
rain. 3 10ths & 1 20th

Tuesday 4 NW high 58, 67, 55 Fair. Aurora Boreali in even.

Wednesday 5 S.W. 56, 79, 66 Fair.
The swarm of bees that came 26th ult hatched up the other bees
little and they left entire in their hive.

Thursday 6 S. 64, 84, 60 Fair. moon shone afternoon.
6 h. 56 m. PM. — Sun eclipsed same time. partially

Friday 7 S.W. 54, 78, 67 Fair. Lightning in NW in the evening.

Saturday 8 S.E. 61, 80, 64 Cloudy, fogg, rain 2 10ths & 1 20th

Sunday 9 S.W. 66, 87, 78, Fogg, Fair little distant thunder in the N.W. little rain. Field peas in blossom 90 at 4.

Monday 10 W. 71, 86, 80 Fair at 4 PM 92. Little lightning in the even. in the N.E.

Tuesday 11 W. 71, 84, 73 Fair.

Wednesday 12 S.W. 67, 86, 74 Fair. Peas & Spring beans in Lower Portsmouth.

Thursday 13. S.W. 73, 90, 78 Fair at 4 O'Clock 96. Portsmouth new opened 10th 1 m. afternoon.

Friday 14. NW. 73, 80, 67 Fair Portsmouth to Epping
Cobwebs in abundance on the ground.

Saturday 15 S.W 61, 69, 63 Cloudy Rain 2 T. 10th 1 20th

Sunday 16 S.E 62, 71, 63 Fogg, Cloudy Rain
little distant thunder.

Monday 17 W. 64, 83, 70 Fair.

Tuesday 18 NW high 66, 76, 69 Fair

Wednesday 19 NW 61, 83, 77 Fair

Began my hayin- Sam Lopas to Spindle

Thursday 20. SW. 67, 99 81 Fair a 5 PM. 98.

Friday 21 S. 71, 88, 71 Fair a 6 PM. 97.

Moon filled 3 h. 32 m. am.

Saturday 22 SE 68, 86, 69 Cloudy - Even. lightning in the NW. Foggy in the night.

Sunday 23 SW. 74, 89, 63 Fair. Night foggy.

Monday 24 SW. 60, 85, 72 Fair. morning foggy. at 5 o'clock P.M. Lightning even in NW

Tuesday 25 S. 80, 91, 68, Cloudy, thunder, lightning, rain morning. Edwards on the ground in my Indian corn hyas to split

Wednesday 26 SE 59, 86, 59 Foggy cloudy rain.

Thursday 27 SW 59, 77, 65 Cloudy, foggy, thunder & lightning, Rain near 3 days 05 : 1. 10th 20 Moto observed on the ground in the morning.

Friday 28 W. 61, 82, 73 Fair. Field peas put out.

Saturday 29 N.W. 69, 84, 77 Fair. Moon quartered 6 h. 36 m. am. Lightning in the E. in the evening. at 6 o'clock P.M. Thermometer 93.

Sunday 30 S. 67, 82, 69 Fair.

Monday 31. S. 69, 82, 81 Cloudy, thunder lightning rain 1.10th a 4 o'clock P.M. at 91.

Summary for July

The thermometer at the highest was 91, at the lowest 55, It averaged nearly 71.

It was fair 22 days, cloudy 9, foggy in 7 days, lightning in 10, thunder in 7. rain in 7.

The wind was west 4 days, South west 11, South 5, South East 4, & North west 7 days.

Rain there fell 2 inches.

Tuesday 1 NW. high. 73, 90, 67 Fair, thunder lightning, little rain & hail - lightning in the NE. in the evening.

Wednesday 2 NW high 60, 74, 63, Fair, Even. lightning in the West - light rain 1.20th

Yesterday was a severe shower of hail attended with lightning & thunder at Salem &c. The hail stones were large - many of them 3 inches in circumference - did much damage to the glass, fruit trees, potatoes &c - fell at Marblehead - lightning struck one house no lives lost.

Thursday 3 NW. 55, 76 57 Fair.

Friday 4 NW. 52, 72 60 Fair.

Saturday 5. SW. 55, 80, 63 Fair - little rain in evening.

Moon changed 1 h. 50 m. am.

Sunday 6 NW 54, 65, 57 Fair. Bright Aurora Borealis

Monday 7. NW. 58, 86, 67 Fair. Even. lightning in the W. & NW.

Tuesday 8 S. SW. 57, 69, 54 Fair

On the 4th the thermometer at Salem was 98 & the wind was violent lightning rived & the hail boys & destructive - Mr Derby had at his farm house & at his dwelling 3062 panes of glass broken, & came a house in town escaped its violence.

at Marblehead the hail did damage but the wind blew down chimneys & uncovered houses.

Wednesday 9. SE. 54, 69, 55 Fair.

Thursday 10 SE 54, 75, 59, Cloudy,

Friday 11 Easterly 57, 82, 59 Cloudy - Rain 1 Inch 7, 10th 20th 1.

Moon quartered 6 h. 20 m. P.M.

Previous to this day the ground was parched, vegetation had nearly ceased in the pastures; Indian corn rolled its leaves up, pumpkin vines withered & potatoes began to fail; but the rain of days has changed the face of things.

Saturday 12. N E. 56, 62, 55 Cloudy rain 9, 1.10th

Sunday 13 N E. 53, 60, 58 Cloudy rain

Monday 14 S E. 57, 78, 59 Cloudy thunder lightning, rain 4 10th, 1.20

Note in Montreal (Canada) from the 12th to the 15 July the thermometer was from 94 to 99.

Tuesday 15 NW 54, 73, 64 Fair.

On the 1st instant a violent tornado in Somerset County District of Maine about 100 rods wide, prostrating fences trees, corn, grain &c.

Wednesday 16 S. 61. 70, 61 Cloudy rain 2

Thursday 17 N E. 61. 68, 61 Cloudy rain 1 inch 1, 10th 1.20th

Friday 18. S E. 61. 70, 63 Fogg, Cloudy, thunder lightning & rain 4 10th, 1.20th

Saturday 19 E 62, 71, 66, Cloudy Fogg thunder lightning rain 1.40th Moon fulled 7 h. 4 m. P.M.

Sunday 20. E. 63, 79, 61 Cloudy, Foggy, thunder lightning rain 1.20th

Monday 21 N E 58, 63, 60 Cloudy, little fogg rain 5.10, 1.20th

In Northampton Ms 10th of July thermometer at 95. & on the 20th at 100.

Tuesday 22 N E 60, 69, 60 Cloudy rain a little.

Wednesday 23 N E. 56, 64, 59 Cloudy, rain a little.

Thursday 24 N E 55, 65, 57 Cloudy, rain a little

Friday 25 N E 57, 60, 58 Cloudy, rain 1.10th & 1.20th

Saturday 26 SW 58, 79, 64 Cloudy little rain thunder lightning. Nothing heavy.

Sunday 27 NW. 57, 76, 64 Fair Moon quartered 6 h. 31 m P.M.

The long season of rain & cloudy weather has proved very injurious to haying & gathering in grain. Some of which laid on the ground after it was cut 14 days before it could be dried. Some wheat & oats not cut has swelled & grown so as to be ruined.

Monday 28. S E 57, 77, 61 Fair. Night foggy.

At the city of Washington. July very warm; for the 15 days for 6 weeks preceding not rain enough to penetrate the ground one inch; little thunder or lightning the atmosphere uncommonly clear.

Near the vicinity of Quebec on the 20th of May was a snow storm, on the 4th June the trees were not leaved out, on the 7th August a severe frost & next morning ice in many places.

Tuesday 29 S E. 60. 77, 64 Fair, Foggy.

Wednesday 30 SW. 61, 85, 66 Fair - till after 5 O'Clock P.M. when a shower arose, the lightning was vivid & near & the thunder loud - for a few minutes the wind was high & strong, & in one hour & 40 minutes there fell 2 inches 2 10th & 1 20th of water!! The cloud arose in the N.W. & tho it was black it was broken, & appeared to contain little rain. At 2 O'Clock P.M. thermometer 87.

Thursday 31. N. 64. 66. 58 Cloudy.

Summary for August.

The thermometer at the highest was 90. at the lowest 48, it averaged 60 & nearly one third.

It was fair 14 days, cloudy 17; it thundered in 7 days, lightning in 9, rain in 18, hail 1, & fogg in 5 days

The wind was South West 3 days, South 1, South East 8, East 2, North East 2, North 1, North West 14 days.

of rain there fell 6 inches 5.10th, 1.40th

1815.

Summary for the Summer.

The thermometer at the highest was 91, at the lowest 48, it averaged 64 1/3.

It was fair 57 days, cloudy 35, rain in 35 days, fogg in 16 days, thunder in 16 days, lightning in 21, & hail on 1 day.

The was west nine days, South West 18, South 5, South East 16, East 5, North East 3, North 1 & North West 35 days.

Of rain there fell 11 inches 1 10th & 1 20th

The thermometer at the highest in July at 1 O Clock P M at Baltimore stood at 92.

Friday 1. N.W. 47, 62, 53 Fair.

Saturday 2. S.W. 40, 71, 61 Fair.

Finished my haying. Not so good a crop as usual. distant lightning in the evening in N.W.

The long time of rain & cloudy weather in August has done a vast deal of injury to the wheat, rye & oats in the country not gathered in. That which was cut & that which was standing the kernel has grown so, in some instances as to destroy the grain & render it too little value to reap it. Oats even in this town have been abandoned as not fit to be gathered.

In the last shower 2 miles north of here was considerable hail.

Sunday 3. N.W. 59, 74, 56 Fair. distant lightning in the morning in the South. Moon changed 9 h. 30 A.M.

Monday 4 S.E. 42, 60, 44 Fair.

Tuesday 5. N.E. 44, 50, 48 Cloudy, Rain } 1 inch 5 10th & 1 40th
Had a fire in my office all day.

Wednesday 6 N.E. 47, 49, 49 Cloudy Rain }

Thursday 7. N.W. 48, 71, 59. Fair Epping to Newbury.

Friday 8. W. 56, 75, 60 Fair Newbury to Salem.

Saturday 9. S.W. 54, 70, 68 Fair. Salem

Sunday 10. S.W. 71, 86, 68 Fair. Evening Lightning. Salem. Clock P.M. 88 & 40 R

Monday 11. S.E. 71, 76 65, Cloudy, Rain 1. 10th Thunder & Lightning Salem.

Tuesday 12. N.E. 63, 64, 58, Cloudy Rain 5 10th thunder & lightning. Salem.

Wednesday 13. N.E. 58, 66, 60. Cloudy, Rain. Salem.

Thursday 14. S.W. 63, 80, 65 Fair, at Ipswich thunder & lightning Rain

Friday 15. N.W. 60, 73, 60 Fair. Newbury Port. Rain in the night.

Saturday 16 S.E. 64, 78, 64 Cloudy Rain. Newbury Port to Epping. night foggy.

Sunday 17 S.W. 57, 72, 60, Cloudy, Fogg-Rain distant thunder in the evening.

Monday 18 NW 52, 61, 49 Fair – Rain in the morning.
Rain 2 last days 4 10ths Moon fulled 11 O'clock 26 m. a.m.
Tuesday 19 N 39, 56, 44 Fair. Frost in the night.
Wednesday 20, NE 39, 59, 45 Fair. Moon & 7 stars together.
Thursday 21. NE 45, 57, 47 Cloudy.
Friday 22 NE 47, 51, 48 Cloudy Rain } 2 inches 6 10ths
Saturday 23. SE & high 47, 62, 61 Cloudy Rain }

The morning the fall of rain was very great the wind was at NE & strong, between 9 & 10 became unusually dark & suddenly the wind veered to the South east & blowed very strong & rained fast. The damage done by the wind was very great, sheds & barns in great numbers were blown down – apple trees in great numbers were blown down – & vast quan=tities of wood & timber was prostrated to the earth, principal=ly turned up by the roots. My own wood suffered a loss of more than $200.

I was out in the highest gales, & tho the wind was strong the air was soft & invigorating & with the grandeur of the scene exhilarated my spirits.

Sunday 24. W. 50, 62, 52 Fair.

The wind of yesterday blew off almost all the apples & peaches. The indian corn was almost all down in the ground broke & greatly injured. Board fences prostrated with the earth. More than 150 of my trees were blown down.

Monday 25 SW. 48, 65, 53 Fair. Moon quarter 11 h. 39 m. a.m.
Tuesday 26 SW. 48, 68, 57 Fair. Aurora Borealis in the even.

Began to cut my stalks. Let them stand till this time as a guard agt frost.

The destruction by the wind of the 23d was great & extensive the

the loss of property in Epping I am confident exceeds 20 or $30000 – One part & a great one is the loss of a great portion of Maple trees from which sugar was made. These being full of leaves were destroyed. From the country we hear many cattle were lost.

Wednesday 27. NE 52, 62, 44 Fair.
Thursday 28 NW. 36, 54 50 Fair
Friday 29 N 41, 66, 59 Fair.
Saturday 30 NW 55, 73, 54 Fair Epping to Exeter.

Summary for this month.

The thermometer at the highest was 80, at the lowest 39, it averaged 57½ nearly.

The wind was West two days, South West 7, South East 4, North East 8, North 2, & North West 7 days.

It was fair 20 days, Cloudy 10; rained in 12 days, Thunder in 4, lightning in 5, & fogg in 2.

Of rain there fell 5 inches 1 10th & 1 40th

On the 23d when the storm & wind was at the highest here in Philadelphia the wind was N.W. & the horizon clear, tho in the morning the wind then was NW & high & rainy.

Sunday 1. NW. 52, 74, 58 Fair
Monday 2 N.E. 46, 58, 43 Fair Moon changed 6h. 21m. PM
Tuesday 3 SW. 37, 61, 45 Fair.
Wednesday 4 SE 38, 62, 49 Fair.
Thursday 5. SE 45, 70, 57 Fair. Night rain 1. 10th
Friday 6 NW 55, 68, 49 Cloudy.
Saturday 7 E 42, 49, 46 Cloudy.
Sunday 8 SE 46, 54, 56 Cloudy, fogg, rain 3 10th 1 20th
Monday 9 NW 56, 63, 47 Fair. Moon quarters 11h. 15m. P.M.
Tuesday 10 SW 39, 60, 53 Fair - Night rain 3 10th 1. 20th 1. 40th
and distant lightning in the southeast
Wednesday 11. NW 47, 62, 49 Fair.
Thursday 12. NW & high 47, 66, 51 Fair.
Friday 13. NW 42, 60, 48 Fair Began to dig my potatoes.
Saturday 14 W. 39, 61, 50 Fair. Night rain a little.
distant thunder & lightning in the night
Made my cyder only 5 barrels. Tho the trees blossomed full in this part of the country few apples - but not injured by frost - the apples withered early & fell off - the few that remained were small knotty & dry.
Sunday 15 NE 42, 47, 39 Cloudy. Rain 1. 40th
Monday 16 SE 28, 57, 47 Cloudy. Began to gather my Indian corn.
Tuesday 17 SE 47, 58, 49. Cloudy.
Wednesday 18 NE 49, 52, 47 Cloudy, Rain a little. Moon fulled 3h. 35m. am.
Thursday 19 NE 42, 52, 41 Fair.
Friday 20 W. 35, 54, 41 Fair.
Saturday 21. SE 41, 56, 45 Cloudy.

Yesterday finished gathering my Indian corn; tho the hurricane of the 23d ult injured in the corn considerably, yet the crop is good - more abundant than an average crop. It is however now selling at 92 Cents per bushel.

Sunday 22. S.W. 45, 59, 52 Fair. In the morning rain 1 40th - Evening a little lightning in the north. - At about 10 O'Clock the wind blew for near an hour a strong gale from the North West.
Monday 23 NW 38, 50, 37 Fair, cloudless.
Tuesday 24 W. 33, 47, 39 Fair, Morning rain 1 40th
Wednesday 25 NW & high 36, 43, 35 Fair. Moon quartered 11 hour 39m. am.
Thursday 26 SW. 28, 43, 39, Cloudy. Finished gathering in my potatoes - crop very good tho last August & 1st of Septr potatoes sold in Boston at $2.00 per bushel & in Portsmouth at $1.50 - the prospect for a crop was then small owing to the drought. I observed many of my potatoes this year never blossomed & few had any apples on the vines, yet those produced plentifully.
Friday 27 NW high 39, 44, 32, Cloudy.
Saturday 28 NW high 25, 33, 30 Cloudy
Sunday 29 NW 24, 41, 31 Fair.
Monday 30. SW 35, 47, 27 Cloudy, little rain in the Morn.
Tuesday 31 NW 20, 40, 32. Fair Epping to Raymond, Candia & Deerfield.

Fewer no nuts or acorns this year. Tis said is a sign that the approaching winter will be mild.

Saw many robins to day in the open fields - Trees still abroad & at work

Summary for October.

The thermometer at the highest was 74, at the lowest 20, it averaged 46.

The wind was West 3 days, South west 5, South East 6, East 1, North East 4, & North west 12 days.

October 1815.

It was fair 19 days, cloudy 12 days; it rained in 9 days, foggy in 1, lightning 3 & thunder in 1 day.
Of rain there fell 8 10th, 1 20th & 1 40th

Wednesday 1. NW. 34. 50. 35 Fair. From Deerfield to Epping.
Moon changed 5 h. 10 m. AM.
Thursday 2 SW 28. 59. 52 Fair
Friday 3 NE 54. 56. 41 Cloudy. little rain.
Saturday 4 NE 40. 45. 43 Cloudy.
Sunday 5 SW 45. 54. 53 Cloudy.
Monday 6 S & high 51. 63. 58 Cloudy. evening little rain.
Tuesday 7. NW high 48. 51. 29 Fair
Wednesday 8 SW. 19. 34. 27 Fair. Moon quartered 8 h. PM.
Thursday 9 S. 29. 47. 52 Cloudy little rain Epping to Portsmouth
Friday 10 W. 58. 59. 40 Fair. Portsmouth to Epping.
Saturday 11. NW. 29. 40. 26 Fair.
Sunday 12 N. 17. 32. 23 Fair
Monday 13. NE 20. 34. 24 Fair.
Tuesday 14 W. 15. 43. 32. Fair
Wednesday 15 SW 21. 47. 38 Fair.
Thursday 16 NE 30. 34. 34 Cloudy - Rain 9. 10th Tuesday little
Moon fulled 6 h. 52 M PM. Moon & 7 stars together.
Friday 17 NE 33. 40. 34 Cloudy little rain.
Saturday 18 NE 24. 39. 36 Cloudy.
Sunday 19 NE 36. 39. 36 Cloudy Rain 2 10th - 1 20th 1. 40th
Monday 20 SW 31. 45 36 Fair. Night foggy
Tuesday 21 SW 28. 47. 43 Fair.
Wednesday 22 NE 35. 46. 56 Fogg. Cloudy. Rain 1. 80th
Thursday 23. W. 44. 47. 37 Fair. Moon quartered 7 h 25 M PM.
Friday 24 SW 28. 41. 32 Fair.
Saturday 25 NW 33. 43. 31 Fair.
Sunday 26 NW 24. 38. 26 Fair.
Monday 27 NE 25. 39. 34 Cloudy

November 1815

Tuesday 28, SE. 33. 40. 35 Cloudy night rain } 3 10ths
Wednesday 29 NE 36, 45, 41 Cloudy, rain }
Thursday 30 SW 41, 47, 26, Cloudy, rain
moon changes. 6 h. 33 m. PM.

Summary for November

The thermometer at the highest was 63, at the lowest 17, it averaged more than 38.
The wind was West 3 days, South west 8, South 2, South east 1, North East 10, North 1, North west 5.
Fair 16 days, cloudy 14; it rained in 9 days & fogg in 2 days.
Of rain there fell 1 inch 4, 10ths 1, 20ths 1, 40ths 1, 80ths

Summary for Autumn

The thermometer at the highest was 80, at the lowest 17, it averaged 47 1/6th.
The wind was west 8 days, South west 20, South 2, South east 11, East 1, North East 22, North 3, North west 24.
It was fair 55 days, cloudy 36; rain in 30, thunder in 5, lightning in 8, & fogg in 5 days.
Of rain there fell 7 inches, 4, 10ths 1, 20ths 1, 40ths 1, 80ths

Friday 1 NE. 12, 22, 17 Fair
Saturday 2 N. 10, 22, 15 Fair.
Sunday 3 SW. 12, 36, 30 Cloudy.
Monday 4 SW 35, 47, 32 Cloudy & fogg Rain 1, 40th
Tuesday 5 NW 20, 26, 20 Fair.
Wednesday 6 SW 10, 32, 38 Cloudy.
Thursday 7 SW 30, 39, 32 Cloudy little rain Snow 3 Inches
Friday 8 NW & high 27, 18, 4 Fair Moon quartered 4 h. 57 m. PM.
Thanksgiving.
Saturday 9. NW 2, 16, 10 Fair.
Sunday 10 NW 0/2, 10, 7 Fair.
Monday 11 SW 3, 21, 12 Fair.
Tuesday 12, S. 24, 36, 27, Cloudy
Wednesday 13. SW 26, 35, 24, Fair. Moon & 7 stars together
Thursday 14 E 20, 31, 21 Cloudy.
Friday 15 NE 25, 32, 29 Cloudy.
Saturday 16 NE 28, 31, 32, Cloudy rain, hail snow
Moon fulled 8 h. 33 m. am. moon eclipsed invisible
Rain but little
Sunday 17 NE 30, 35, 32 Cloudy, Fogg rain snow.
Rain there 2 days 1, 40th Snow 2 inches.
Monday 18. NW 25, 34, 25 Fair.
Tuesday 19 NW 15, 26, 19 Fair.
Wednesday 20 NW 12, 24, 19 Fair.
Thursday 21 NW 12, 24, 18 Fair.
Friday 22 W 17, 34, 31 Cloudy
Saturday 23 SW 27, 41, 32 Fair Moon quartered 2 h. 36 m am.
Sunday 24 NE 38, 41, 35 Cloudy Rain 1 inch 2, 10ths 1, 20th 1, 40th
Monday 25. W. 27, 32, 27 Fair. Even Snow 1, 10th
Tuesday 26 NW 15, 24, 18 Fair.

Dec 1815

Wednesday 27 NW 14, 28, 18 Fair
Thursday 28 NW 12, 22, 15 Fair
Friday 29 N. 11, 21, 18 Fair
Saturday 30 NE 20, 22, 21 Cloudy Snow } 10h. 22m. am Moon changed 5 inches
Sunday 31 NE 24, 25, 26 Cloudy Snow

Summary for December.

The thermometer at the highest was 47, at the lowest was 2 below zero - it averaged 23 1/3.
The wind was West 2 days, South West 7, South 1, East 1, North East 7, North 2 & North west 11 days.
It was fair 18 days & cloudy 13; it was foggy in 2 days, rain in 5, snow in 6 & hail on one day.
Of rain there fell 1 inch 3 10ths & 1 40th
Of snow 10 inches 1 10th

Summary for the year.

The thermometer at the highest was 91, at the lowest was 15 below zero, it averaged 43 1/2.
It was fair 212 days & cloudy 153 days; there was rain in 109 days, snow in 38, fogg in 29, & hail in 5 days; thunder in 24, & lightning in 32 days.
The wind was west 22 days, South west 74, South 16, South East 31, East 16, North East 63, North 13 & North West 130 days.
Of rain there fell 2 feet 1 inch 3 10ths & 1 80th
Of snow there fell 7 feet 6 inches & 6 10ths

Monday 1 NW 24, 29, 22 Fair.
Tuesday 2 NW 25, 29, 14 Cloudy.
Wednesday 3 NW 14, 29, 18 Fair.
Thursday 4 NE 7, 25, 19 Fair.
Friday 5 NE high 15, 22, 23 Cloudy - Snow } 8 inches
Saturday 6 NE 21, 26, 18 Cloudy, Snow
Sunday 7 NW 15, 19, 10 Fair. Moon quartered 2h. 20 PM.
Monday 8 NW 3, 12, 0 Fair
Tuesday 9 NW 0/5, 13, 7 Fair. Evening snow 1 10th
Wednesday 10 NW 2, 16, 3 Fair Moon & 7 Stars pass
Thursday 11 NE 0/4, 13, 11 Cloudy - Snow } 8 inches
Friday 12 NE high 12, 15, 18 Cloudy Snow
Saturday 13 NW 6, 17, 6 Fair.
Sunday 14 NE 0/2, 18, 15 Cloudy. Moon fulled 8h. 27m. PM.
Monday 15 N. 6, 14, 8 Fair.
Tuesday 16 SE 0/4, 23, 30 Cloudy - Evening snow 5 10th rain
Wednesday 17 SE high 40, 45, 43 Cloudy rain 1 inch 2 10ths
Thursday 18 SW 32, 39, 26, Fair
Friday 19 SW 21, 36, 31 Fair
Saturday 20 NW 25, 29, 18 Fair. P.M.
Sunday 21 SW 18, 36, 31 Fair. Moon quartered 0h. 41m.
Monday 22 SW 30, 43, 32 Fair.
Tuesday 23 S. 27, 40, 31 Fair.
Wednesday 24 SE 32, 44, 39 Cloudy, foggy, Even little rain
Thursday 25 NW 24, 28, 20 Fair.
Friday 26 NW high 19, 19, 7 Fair.
Saturday 27 NE. 5, 25, 20 Cloudy.
Sunday 28, SW 9, 31, 22 Fair ~~Moon changed 4h. 2m. am~~

Jany 1816

Monday 29 SW 19, 31, 24 Cloudy Snow 5 10ths Moon changed 4h. 2m. am.

Tuesday 30 NW high 18, 22, 15 Fair.

Wednesday 31 SE 11, 31, 31 Cloudy.

Summary for January.

The thermometer at the highest was 45, at the lowest 5 below zero, it averaged 20 1/3 & little more. The wind was South west 6 days, South 1, South East 4, North East 7, North 1, & North West 12 days.

It was fair 19 days, cloudy 12; snowed in 7, rain in 2 & fogg in 1 day.

Of snow there fell 1 foot 5 inches & 1 10th

Of rain one inch 2 10ths

On the 14th at Philadelphia Farenheits thermometer stood at 14 below zero.

Tho we have little snow in N.H. at Baltimore a few days since it was 17 inches deep.

February 1816

Thursday 1. NE 32, 35, 29 Cloudy, Snow 2 10ths

Friday 2. NW high 12, 28, 26 Fair.

Saturday 3 SW 12, 32, 28 Fair.

Sunday 4 NE. 27, 29, 28 Cloudy Little rain, foggy.

Monday 5 NW 19, 31, 22 Fair.

Tuesday 6 W. 7, 22, 12 Fair Moon quartered 8h. 42m. am. Moon & 7 stars together.

Wednesday 7. W. 19, 34, 16 Cloudy.

Thursday 8 NW high 10, 16, 1. Fair.

Friday 9 NW high 0/5, 10, 0/1 Cloudy

Saturday 10 NW high 0/5, 18, 11 Fair.

Sunday 11 NW. 11, 28, 27. Fair. Night snow 1 10th

Monday 12 SW 35, 41, 22 Cloudy, rain 1 20th & 1 40th

Tuesday 13. NW 10, 18, 7 Fair Moon filled 7h. 13m am.

Wednesday 14. NW 0, 9, 0/1 Fair.

Thursday 15 NW 0/12, 4, 0/3 Fair. Ground uncovered & froze very hard - dry.

Friday 16 NW 0/5, 15, 9. Fair.

Saturday 17 SE 10, 26, 32 Cloudy, Snow 4 inches 5 10ths

Sunday 18 NE 28, 29 26 Cloudy Rain } 1 inch 2 10ths

Monday 19 NE 27, 35, 33 Cloudy, rain } Moon quartered 11h. 37m. P.M.

Tuesday 20 SW 30, 41, 34 Fair.

Wednesday 21. NE 30, 35, 31 Cloudy, Snow - night 6 inches

Thursday 22. NW 28, 46 30 Fair.

Friday 23. SW 27, 42, 32, Cloudy.

Saturday 24 SW 26, 43, 31 Cloudy. Night Snow 3 10ths

Sunday 25, NE 32, 46, 30 Cloudy

Feby 1816

Monday 26. NW 31, 40, 28 Fair
Tuesday 27 SW 20, 38, 31 Fair. Moon fulled 10h. 45m. PM.
In the night snow 5.10ths
Wednesday 28 W. 26, 44, 29 Fair. Foggy in the Morning.
Thursday 29 SW 32, 49, 40 Foggy, Cloudy little rain.

Summary for this month.

The thermometer at the highest was 49, at the lowest 12 below zero, it averaged 23 1/2.
The wind was, South west 7 days, Southwest 1, North East 6, North west 12, & West 3 days.
It was fair 16 days, cloudy 13, snowed in 6 days rain in 5 & fogg in 3 days.
Of snow there fell 11 inches 6.10ths
Of rain there fell 1 inch 2.10ths 1.20th & 1.40th

Summary for the three winter months.

The thermometer at the highest was 49, at the lowest 12 below zero, it averaged 22 1/2 & little more.
The wind was West 5 days, South West 20, South 2, South East 5, East 1, North East 20, North 3, North West 35 days
It was fair 53 days, cloudy 38, it was foggy in 6 days, rain in 12, snow in 19, & hail in 1 day.
Of snow there fell 3 feet 2 inches & 8.10ths
Of rain there fell 3 inches & 8.10ths

March 1816

Friday 1 SW 30, 43, 31, Fair
Saturday 2 NW. 30, 39, 33 Fogg, cloudy rain 1.10th 1.40th
Sunday 3 NE. 34, 42, 33 Fogg, cloudy rain a little
Monday 4 NE 27, 27, 25 Fogg cloud rain 1.40th fogg
Snow 2.10th
Tuesday 5 NW high 26, 31, 25 Fair.
Wednesday 6 NW. 21, 31, 22 Fair
Thursday 7 SW. 16, 40, 30 Cloudy. snow 2.10th
moon quartered 6h. 1m. am. Blue birds appear
Friday 8 NW high 27, 23, 7 Fair.
Saturday 9 NW high 0/4, 18, 26 Fair.
Sunday 10 NW 13, 31, 26 Fair.
Monday 11. NW 12, 33, 21, Fair.
Tuesday 12 NE 23, 33, 27 cloudy Snow 4 Inches.
Wednesday 13. NW. 17, 42, 28 Fair. Moon fulled 8h. 2m. PM.
Thursday 14 W 34, 47, 31 Cloudy - Rain 1.20th
Friday 15. NW 11, 24, 15 Fair.
Saturday 16 SW high 9, 35, 30 Fair.
Sunday 17 NW high 30, 32, 8 Fair.
Monday 18 NW 0/7, 15, 9 Fair. at Hanover NH 0/ Thermometer
Tuesday 19 NE 11, 15, 17. Cloudy, Snow 7 Inches
Wednesday 20 NE 18, 29, 26 Cloudy, Rain a little
Moon quartered 1h. 15m. PM.
Thursday 21 NW 20, 35, 26 Fair
Friday 22. NW 14, 24, 15 Fair
Saturday 23. NW 16, 37, 26 Fair.
Sunday 24 NW 27, 40, 27 Fair.
Monday 25 NW high 30, 38, 25 Fair.

Tuesday 26 SW. 25, 50, 33 Fair Snow 1.10th Robbins & Kildees appear. - Henhawks & Black birds.

Wednesday 27 SW 26, 50, 37 Fair.

Thursday 28 W high 32, 54, 38 Fair, foggy, distant thunder, lightning & little rain. Moon changed 4h. 57m. PM. Larks appear.

Friday 29 NW high 28, 25, 20 Fair.

Saturday 30 S. 12, 37, 30 Fair

Sunday 31 SE. 30, 37, 33 Cloudy Foggy, snow 2 10ths rain a little.

Summary for March.

The thermometer at the highest was 54, at the lowest 7 below zero, it averaged 26 & 1/3d.

The wind was West 2 days, South west 5, South 1, South East 1, Northeast 5, & Northwest 17 days.

It was fair 22 days, cloudy 9; foggy in 5 days, rain in 6, snow in 6 thunder in 1 & lightning on 1 day.

Of snow there fell 11 inches 5.10ths

of rain 2.10ths

Note, Many wells are nearly dry -

On the 20th the snow round Quebec was more than 4 feet deep on a level. For 20 days previous to that the mercury there was often 20 below zero in Farenheits thermometer.

For 8 weeks preceding the 29th no rain in South Carolina.

Monday 1. SW. 33, 59, 49, Cloudy - Thunder & lightning, once very severe. Rain 6 10ths, 1.40th

Tuesday 2 NW 42, 48, 30 Fair. Moon & 7 stars passed. One man began to plow grass ground.

Wednesday 3 S. 22, 39, 27 Fair.

Thursday 4 SW 22, 51, 41 Fair.

Note, The lightning on monday killed a cow about half a mile south of me, shivered an oak about a mile to the north, & struck my barn at the west end shivered one of the spars, tore off one of the ribbands, split 2 or 3 joist inside the barn in different places - one of which was near to my horse who was in the stable but did not injure him, a piece of one of the boards adjoining a mow of hay was rent off but the hay not singed - in a dozen places pieces on the boards at some distance from each other were tear as with a gouge out of different boards on different parts of the barn. It appears that this body of electrical matter burst in the air, & that only parts of it struck the barn. The clouds were thin & passed away rapidly, & the thunder was more rattling than heavy - there had been considerable rain before this explosion. That part of the barn that was struck was about 8 or ten rods from the electrical rod that stands at the end of my house.

Friday 5. SW. 31, 58, 45 Fair. Moon quartered 10h. 41m. PM. wild geese appear night rain 2.10ths 1.40th

Saturday 6 S. 50, 59, 57 Cloudy, Foggy, rain 1.

Sunday 7 NW high 35, 41, 33 Fair.

Monday 8 SW 27, 54, 43 Fair. Frogs appear

Tuesday 9 SW. 43, 62, 50 Fair. Night rain a little
Wood walls appear.

The lightning on the 1st burnt the meeting house of Mr Milti=
=more at Newbury - It was nearly new & there was an
electrical conductor affixed to it - the fire caught on each
side of the conductor.

Wednesday 10 NW high 32, 32, 25 Fair.

Thursday 11 SW 16, 42, 31 Fair. People sowed wheat

Friday 12 E. 30, 33, 30 Cloudy, Snow 6 inches
hail - rain 1. 20th moon fulled 2 h. 21 M. A.M.

Saturday 13 NW 29, 50, 35 Cloudy. Pewees appear.

Sunday 14 NW. 33, 44, 31 Cloudy.

Monday 15 NW 25, 43, 32 Cloudy Epping to Exeter.

Tuesday 16 NW 27, 39, 29 Cloudy.

Wednesday 17 NW 26, 38, 32 Fair. Kildees appear.

Thursday 18. NW 28, 47, 34. Fair Epping to Portsmouth

Friday 19. NW 34, 44, 38 Cloudy, rain 1. 20th
Portsmouth to Epping. Moon quartered 5 h. 1 M. A.M.

Saturday 20 NW high 37, 51, 40 Fair. Swallows appear.

Sunday 21 NW high 36, 48, 38 Cloudy.

Monday 22 NE 36, 47, 41 Cloudy - Rain 1. 40th
Martin's appear

Tuesday 23 NE 41, 45, 39 Cloudy. Night Hawks come.

Wednesday 24 NE 41, 56, 41 Fair Butterflies appear.

Thursday 25 NE. 43, 59, 43 Fair. My Bees begin to work
Lambs appear - Sowed my oats & pease.

Friday 26 NE 38, 66, 45 Fair.

Saturday 27 SE 43, 57, 39 Fair.

Sunday 28 N. 38, 70, 60 Fair. Some began to plant Indian Corn

Monday 29 E 50, 67, 57 Fair. Planted potatoes.
Lay lock leaves as large as a mouse's ear.

Tuesday 30 W. 52, 79, 68 Fair.

At 5 O'Clock P.M. the horizon being smoky I could see two spots in the sun with the naked eye, one of which was unusally large

Summary for April.

The thermometer at the highest was 79 at the lowest 16, it averaged 41 2/3 & little more.

The wind was West 1 day, South West 6, South 2, South East 1, East 2, North East 5, North 1, and North West 12 days

It was fair 19 days, cloudy 11; thunder on 1 day, Lightning 1, rain 6, foggy 1 & Snow in 1 day.

Of snow there fell 6 inches.

Of rain 1 inch & 1. 40th

Note, on the 18th Snow near Quebec was between 3 & 4 feet deep.

The winter killed a great portion of the roots of the grass in many pastures.

On the 13th it snowed nearly all day in Ohio, at night there was 3 inches of snow on the ground - & hard frost for 3 successive nights.

a mortal epidemic prevails in some parts of that State.

Wednesday 1 NW high 59, 74, 55 Fair - little rain } 2.10ths
Horse chesnuts began to leave out. Night rain }

Thursday 2 NW 36, 51, 40 Fair.

Friday 3. SW 37, 65, 61 Fair. Even rain 1.20th

Saturday 4 NE 49, 49, 38 Cloudy little rain. Moon quartered 7 hour 5 M. P.M.

Sunday 5 E. 38, 55, 56 Cloudy, Foggy.
Leaves on apple trees as large as mouse ears

Monday 6 NW. 50, 66, 51. Fair.

Tuesday 7 NW 50, 64, 42 Fair - Rain 1.40th

Wednesday 8 NW 38, 53, 42 Fair.

Thursday 9 NW 37, 52, 41 Cloudy little rain

Friday 10 NW 39, 55, 41 Cloudy. Kingbirds appear

Saturday 11 E 38, 53, 44 Cloudy Rain Thunder.
Epping to Nottingham Yellow birds & Bobolinques appear
Moon pulled 11 h. 20 M. AM.

Sunday 12 SE 45, 51, 49 Fogg Rain these 2 days 2 inches & 1.10th

Monday 13 SW. 49, 65, 61 Fair little rain.
Peach trees begin to blossom.

Tuesday 14 NW 45, 46, 37 Cloudy Rain 1.20th
Froze water in night 1.20th of an inch

Wednesday 15 NW 30, 52, 45 Fair Epping & Hampton Falls

Thursday 16 NW 39, 59, 46 Fair - Hum birds appear.

Friday 17 NW 40, 50, 41 Fair. Froze in the night.

Saturday 18 SW. 32, 59, 46 Fair. Cherry trees begin to blossom.
Gold finches appear.

Sunday 19. SW 51, 68, 56 Fair. Bats appear.
Peach trees begin to blossom.

Monday 20. SW 53, 68, 62 Cloudy. Daw bugs in the evening were uncommonly numerous - I observed the same circumstance a few evenings since.

Tuesday 21 SW. 52, 67, 64 Cloudy, Rain 1.40th evening
lightning in the north.

Wednesday 22, SW. 67, 78, 61 Fair. Little rain.
Apple trees in bloom. Red headed woodpecker appear.

Thursday 23 NE. 49, 45, 43 Cloudy, Rain 1 inch 2.10ths

Friday 24 NW 38, 55, 40 Fair. Finished planting.
Frost in the night.

Saturday 25 NE 35, 46, 41 Cloudy, Rain } Fogg
Sunday 26 NE. 43, 51, 53 Cloudy, Rain } 2 inches 1.20th Fogg
Moon changed 10 h. 20 m. P.M. Sun eclipsed invisible
Monday 27 NE. 52, 54, 55 Fogg, Cloudy Rain } wrens appear
Dandelions in full blossom.

Tuesday 28 W, strong 56, 74, 54 Fair - Evening Rain 1.40th
Lalocks begin to appear in bloom.

Wednesday 29 NW high 37, 51, 46 Fair. Frost in the night

Thursday 30 NW 42, 65, 51 Fair. Frost in the night.

Friday 31 SW 46, 68, 61 Fair.

Summary for May

The thermometer at the highest was 78, at the lowest 30, it averaged 50 1/2. nearly.
The wind was West one day, South West 8, South East 1, East 2, North East 5, & North west 14 days.
It was fair 17 days, cloudy 14; it rained in 16 days, foggy in 3 & thunder on one day.
Of rain there fell 5 inches & 8.10ths

Summary for three Spring months.

The thermometer at the highest was 79, at the lowest 7 below zero, it averaged 39 2/3 nearly
The wind was West 4 days South West 19, South 3, South East 3, East 4, North East 15, North 1, & North West 43 days.
It was fair 58 days, cloudy 34; Snow in 7 days, rain 28, fogg 9, thunder 3, & lightning on 2 days.
Of snow there fell 1 foot 5 inches & 5.10ths
Of rain there fell 7 inches, & 1.40th

Saturday 1 S.W. 57. 82. 71 Fair.
Sunday 2 S.E. 66. 77. 56 Fair.
Monday 3. N.W. 56. 66. 56 Fair. Moon quartered 3h. 36m. a.m.
Tuesday 4 S.E. 46. 64. 51 Cloudy - Epping to Concord. Little rain.
Wednesday 5. W. 60. 83. 71 Fair, shewer rain 2 10ths - some thunder & lightning at Epping. at Concord.
Thursday 6. N.W. & high 61. 50. 39 Cloudy. a little snow fell at Concord.
Friday 7. N.W. & strong 38. 49. 43 Fair. at Concord.
Saturday 8. N.W. & strong 39. 45. 40 Fair - little snow at Concord.
Sunday 9 N.W. 42. 60. 41. Fair Moon moon fulled 8h. 41m. P.M. & totally eclipsed in the evening - At Concord water froze in the night.
Monday 10. N.W. 41. 53. 40. Fair. at Concord water froze ice this night 1/4 of an inch thick. For the last 5 days fire has been necessary in the parlor & in the Council chamber.
Tuesday 11. W. 43. 54. 46 Fair - a small shewer; at Concord.
Wednesday 12. N.W. 48. 70. 64. Fair. at Concord in the morning thunder, lightning & rain.
Thursday 13. N.W. 57. 75. 61. Cloudy, fogg at Concord. On the 6th instant there fell snow all day - much of it dissolved as it fell but next morning it lay 2 inches thick on the ground on a level - this was at William=stown in Vermont.
Friday 14. S.W. 52. 61. 53. Cloudy, thunder, lightning rain 4 10ths. at Concord.
Saturday 15. N.E. 51. 61. 55 Cloudy, rain 4 10ths - At Concord.
Sunday ~~Monday~~ 16 N.E. 54. 64. 49 Cloudy. at Concord. Moon quartered 3h. 23m. a.m.
Monday ~~Tuesday~~ 17. N.E. 49. 61. 55. Cloudy, rain 1 10ths. At Concord.
Tuesday ~~Friday~~ 18 N.E. 51. 58. 58. Cloudy, rain 1 inch 7 10ths. at Concord.

~~Thursday~~ Wednesday. ~~Saturday~~ 19th N.W. 62. 79. 71 Fair. ~~At Concord.~~
~~Friday~~ Thursday 20th - N.W. 56. 65. 58. Fair. At Concord.
Friday 21. W. 53. 79. 68. Fair. at Concord.
Saturday 22 S.W. [illegible] 90. 72 Fair. at Concord.
Sunday 23. S.W. 72. 93. 84 Fair - at 4 o'Clock P.M. thermometer 100. - at Concord.
Monday 24 S.W. 78. 94. 83. Fair. At Concord, thunder lightning & little rain.
Tuesday 25. N.E. 69. 58. 54 Cloudy, rain - At Concord. Moon changed 9h. 21m. a.m.
Wednesday 26 S.W. 50. 68. 57. Fair. At Concord
Thursday 27. N.E. 50. 56. 58. Cloudy - Rain 4 10ths. At Concord.
Friday 28. N.W. 62. 76. 62 Fair - At Concord.
Saturday 29. N.W. 52. 66. 53. Fair. At Concord.
Sunday 30 W. 50. 68. 54 Fair. At Concord - frost in night.

Summary for June

The thermometer at the highest was 94 at the lowest 38, it averaged 59 2/3 & little more
The wind was west 4 days, South west 6. South east 2. north east 6, North west 12 days.
It was fair 20 days, cloudy 10; rained in 11 days, thunder 4, lightning 4, Snow 2 & fogg in one day.
Of rain there fell 3 inches 1 10th.

Note. On the 22d thermometer at Salem Ms 93; on the 23d 101; 24th 100.
On the 22d from Boston 7 spots were seen in the Sun.
At Waltham Ms on the 10th at sunrise thermometer at 33 water froze; on the 23d at 3 o'Clock P.M. at 99.
This month was cool in Europe - In France, Italy &c fire was comfortable - on the 6th & 9th falls of snow in England.

Monday 1 S.W. 44 71. 52 Fair. At Concord.
Tuesday 2. SW. 53, 80. 66 Fair. At Concord. Moon quartered 4h. 56 m.
Wednesday 3. S.E. 62, 77. 68. Fair. At Concord
Thursday 4 NW. 60. 69. 62 Fair. At Concord.
Friday 5. SW. 53. 77. 70 Fair From Concord to Epsom.
Saturday 6. NW. high, 67. 76. 60 Fair. From Epsom to Epping.
Sunday 7. NW high 55, 64, 55 Fair.
Monday 8. NW. high 48, 66, 55 Fair.
For several days the dust flew in the roads like snow in winter & obscures the sight. The prospect for corn & hay is small. Corn is now selling at 2 dollars per bushel & very scarce. Cattle in the pasture will soon suffer for want of feed.
Tuesday 9. N.W. high 48, 65, 53. Fair.
A Spot in the sun visible in the morning, in the center large & black. Moon fulled 7h. 27 m.
Wednesday 10. W. 50, 75, 66 Fair
At 7 O Clock P.M. saw 2 spots in the sun near the west limb of it.
The earth is remarkably dry - grass drying up - corn low & small - the high winds from the N.W have parched the earth. The prospect is gloomy - the crops must be small. The sun & moon appear red & the atmosphere smoky.
Thursday 11 SW 57, 81, 62 Fair.
Friday 12. S. 53, 76. 59 Fair.
Saturday 13. N.E. 56, 70, 56 Fair.

Sunday 14 E. 63, 76, 57 Fair.
Monday 15 SW. 63, 79. 61 Fair. At 4 O Clock 84.
Saw a spot a little south of the center of the sun. Began to half hill my Indian corn, which is low.
Tuesday 16 S. 62, 79, 76 Cloudy at 4 O Clock 84.
Some people began their haying.
In the evening lightning in the SW. - W - NW & N. - in the night a little rain.
Wednesday 17 SW. 71, 80, 59 Cloudy, thunder lightning rain 1.20th Moon quartered 8h. 18 m. a. m.
Thursday 18 NW high 55, 67, 60 Fair. Even. light in the North.
Friday 19 SW. 55, 81, 69 Fair.
Saturday 20 SW 65, 84, 66 Fair - Shower, thunder, lightning, rain 5.10ths At 5 O Clock 87.
Sunday 21. NW. 64, 78, 64 Fair.
Monday 22. SE 62, 76, 62 Fair. Evening foggy.
Tuesday 23 SE 58, 74, 62 Cloudy - foggy. no flies or insects scarce to be seen.
Wednesday 24 N.E. 61, 80, 63. Fair Moon changed 6h. 18 P.M. to Portsmouth
Thursday 25. N.W. 56, 70, 61. Cloudy - rain 1.20 Portsmouth
Friday 26. NW 53, 67, 63 Fair. Portsmouth to Epping.
Saturday 27. SW 63, 78, 64 Fair.
Four days since, potatoes were in blossom.
The people in the Northerly part of the State have been supplied with corn from Boston & Portland - the price $2.25 per bushel - it has been selling here at $1.50 & at Portsmouth for $1.67. The prospect for grain in this vicinity is good, for Indian corn a common crop.
Sunday 28 NE. 56, 62, 58, Cloudy rain } 7 10th, 1.20th
Monday 29 NW. 57, 64, 59 Fair little rain }

Tuesday 30 NW. 55, 70, 54 Fair. Northern lights in Even.
Wednesday 31 SE 51, 74, 60 Fair.
Moon quartered 10 h. 2 m. am.

Summary for July.

The thermometer at the highest was 84, at the lowest 44, it averaged 64.
The wind was West 1 day, South West 9, South 2, South East 4, East 1, North east 3, North west 11 days.
It was fair 26 days, cloudy 5; rain on 6, lightning 3, thunder 2, & foggy in 2 days.
Of rain there fell one inch 3 10ths & 1 20th.
Note in the 1st week of this month the fall of rain in Holland & Germany was unusually great, the dykes were broken & the inundation did great damage.

Thursday 1 N. 56, 73, 65 Fair - thunder lightning rain 3 10ths
~~Friday Wednesday~~ 2 S 58, 83, 73 Fair.
Saturday 3. S. 60, 83, 68 Fair.
Sunday 4 SE. 60, 71, 61 Foggy, cloudy, rain } 1 inch 4 10th, 1 20th
Monday 5 S.E. 58, 66, 61 Foggy, cloudy, rain }
Tuesday 6 N. 61, 76, 64 Foggy, Fair. My corn begins to spindle.
Wednesday 7. NE. 60, 74, 64 Fair. Moon fulled 8 h. 21 m. P. M.
Thursday 8. SE 57, 74, 64 Fair. Began my haying.
Friday 9. NE. 60, 64, 60 Cloudy, Rain 1 20th 1 40th 1 80th
Saturday 10. N. 57, 77, 65, Morn foggy - Fair - distant thunder & lightning & little rain. My Indian Corn begins to silk
Sunday 11 SW. 64, 79, 69 Fair. Lightning in Even. in North.
Monday 12. SW. 67, 81, 71 Fair. Little rain in the morning. Discovered some appearance of rust in my Indian corn in the old ground.
In the even. Northern lights appear. - Small.
Tuesday 13. S.W 63, 83, 67 Fair. Thunder rain 1 20th
Wednesday 14 E 60, 74, 58 Fair.
Thursday 15 S. 59, 81, 66 Cloudy foggy little rain in evening distant lightning in the north.
Friday 16 NW. 68, 81, 70 Fair. Moon quartered 0 h. 20 m. a. m. Pidgeons appear.
Saturday 17 NW 65, 80, 71 Fair. 84 at 4 O'Clock.
A few evening's since as I was walking on the ground a sudden flash of lightning arose from the earth & appear to rise about 4 feet high & to be in circumference not more than 50 rods - it was not vivid but feeble & I was standing near its center - the hemisphere was without clouds.
Sunday 18 SW. 65, 86, 79 Fair - distant thunder in the W. In Evening Lightning in the S. SW. SE. SE.

August 1816.

Monday 19. SW. 69. 86. 72 Fair. From Epping to Concord.
Early in morning thunder, lightening & rain.
Tuesday 20 NW & high 72. 79. 58 Fair In the morning & afternoon warm but at 5 Oclock PM. so cold that I was obliged to ride with my overcoat buttoned close. Concord to Hanover.
Found Indian corn bad, small & thick - from Salisbury to Hanover no prospect of a crop.
Wednesday 21 NW & high 45. 59. 52. Fair A hard frost that in many places to great extent killed Indian corn (particularly on pine lands), potatoe vines, pumpkins cucumbers &c. we shall have but a small crop of corn - that which is not killed is chilled. A circumstance to evidence the night fogs prevents early frost. at Hanover.
Thursday 22 SW. 38. 70. 56 Fair - foggy in the morning. at Hanover
Friday 23. SW. 50. 70. 54. Fair - Morning foggy. at Hanover
Saturday 24. SE. 54. 79. 62. Fair. at Hanover.
Sunday 25. NW. 50. 71. 65. Fair. ~~Cloudy rain~~. at Hanover.
Monday 26. NE. 55. 63. 56 Cloudy. rain. at Hanover
Tuesday 27 NW. 58. 71. 54. Cloudy. at Hanover.
Wednesday 28. NW. 49. 62. 53. cloudy. at Hanover
Thursday 29. SW. 45. 68. 53 Fair. at Hanover
Friday 30th NW. 47. 75. 52 Fair. From Hanover to Concord.

In passing by the pond in Canterbury this morning, the fog from but a small fogg rose on the pond it darted up in small spears or columns - & I observed same fleecy & same stationary on the water a vast variety of fantastic figures of various sizes & forms closely resembling the Aurora Borealis, & of a light color. Are not the Aurora Borealis occasioned by this event - do they not arise & most in the atmosphere from clouds & vapors that are there collected & condensed. The ideas merits investigation.

Found the Indian corn from Hanover to Concord much

that stood on pine land entirely killed by the late frosts & the stalks & leaves dry. The corn on potatoe tops, beans & pumpkin vines. The prospect of the latter has = vest is small - but grain of every kind abundant. Apples few not great till I reached Salisbury were there. Many about 2 third in quantity & 3 4ths in quality of a common crop. People busy in gathering it in.

Note a gentleman from Vermont sometime since informed me that sleeping on night on a high mountain, the moon shining clear he observed a cloud below him - from that cloud arose the Aurora Borealis.

Saturday 31 SW. 56. 66. 54 Cloudy rain a little. from Concord to Epping

The corn, potatoes beans &c killed on pine land - near the rivers where fogs arise not materially injured.

Summary for August

The thermometer at the highest was 86, at the lowest 38, it averaged 64 2/3 & little more

The wind was South west 9 days, South 3, South East 4, East 1, North East 3, North 3, North West 8 days.

It was fair 23 days, cloudy 8; thunder in 5. lightning in 6. rain in 11. & fogg in 7 days.

Of rain there fell 1 inch 8 10ths 1 20th 1 40th & 1. 80th

Summary for this summer

The thermometer at the highest was 94, at the lowest 38, it averaged 62 2/3 & little more

The Wind was west 5 days, South West 24 days, South 5 days, South East 10, East 2, North east 12, North 3 & North West 31 days.

Summary for Summer 1816.

It was fair 69 days, cloudy 23; rain ~~28~~ 28 days, thunder 11. lightning 13, snow 2, & fogg in 10 days.

Of rain there fell 6 inches 3^{10th} 1^{40th} & $1.^{80th}$

Augt 21. the mountains in Vermont covered with snow, & the plains chilled.

A frost in Virginia in August & in every month in the year.

The mean heat at Waltham Mt this month was $65,2^{10th}$.

In Kentucky 21, 22, 28 & 29th considerable frost - killed vines.

28th & 29th in Utica ~~frost~~ N.Y. ice as thick as a dollar.

29th the frost was severe in South Carolina.

September 1816.

Sunday 1. NW & high 49. 59. 51. Fair. Atmosphere filled with smoke.

Monday 2. S.W. 57, 75, 69. Cloudy, little rain. In the morning air so chill as to have fire & doors closed in my office; afternoon doors & windows open & wore a calico gown.

In the night, thunder lightning & little rain.

Tuesday 3. N.W. 66, 75, 65 Fair.

Wednesday 4. SW 57, 76, 62 Fair.

Thursday 5. SW 54, 74, 65 Fair. Ground dry, water fails.

Finished my haying - Had more than 3.4th of a common crop - the quality better than usual. In general the crop was 2/3d in quantity & better in quality.

Friday 6. SW. 52, 70, 63 Fair. Moon pulled 11h. 37m. am.

Saturday 7. S. 50, 74, 52 Fair. Atmosphere smoky.

In drawing up stumps in the swamp my man pulled up a pine stump of about 20 inches diameter - it stood on another pine stump the top of which was just below the level of the per=face of the earth - it was more than 3 feet diameter & its roots were large & extensive - its top was so much rotten, altho its roots were perfectly sound, that I could not dis=cover whether it had been cut down by an axe the from its being so level I have no doubt it was. This last tree must have been very aged, & the ground have been raised by the rotting of leaves, limbs of trees & the washing in of earth from the higher land, as I found sticks of wood 2 feet below the surface.

Sunday 8. SW & high 56, 78, 69 Fair.

Monday 9 NE 58, 67, 60 Cloudy.

Tuesday 10 NW 49, 66, 54 Fair

Wednesday 11 NE 45, 62, 47 Fair.

Thursday 12. NE. 46, 58, 46 Cloudy. Epping to Concord

Friday 13. NE. 46, 52, 50, Cloudy, little rain ~~rain 3 10th~~ Concord. ~~to Hanover~~

Saturday 14, NE 42, 53, 53 Cloudy rain 3^{10th} Concord to Hanover

Moon quartered 2 h. 57 m. P.M.

September 1816.

Sunday 15. N.E. 57, 62, 57, Cloudy. at Hanover.
Monday 16 N.W. 56, 64, 57, Fogg, cloudy - at Hanover
Tuesday 17 N.W. 45, 64, 50 Foggy, fair - Hanover
Wednesday 18 W. 43, 62, 55 Foggy, fair - Hanover.
Thursday 19. S.E 46, 63, 54 Foggy, fair - Hanover
Friday 20. N.W. 52, 62, 61 Fair. Hanover to Concord.
In Boston it rained till 10 Oclock a.m. a little rain at Epping, but none on the road I travelled.
Saturday 21. N.W. 44, 60, 48, Fair, Concord to Epping.
Moon quartered 10h. 34m. a.m.
Sunday 22. S.W. 39, 67, 55 Fair.
The prospect of Indian corn on my late journey is small indeed - much of it could come to nothing, & much of it was destroyed by the August frost. The crop of grain was very abundant - people still reaping.
Monday 23. S.W. 44, 70, 59 Fair.
Tuesday 24 N.E 54, 66, 57 Fair - The sun red & the atmosphere very smoky.
Wednesday 25 S.W. 48, 59, 50 Fair. Epping & Exeter.
Thursday 26 N.E 36, 51, 40 Fair, Smoky.
Friday 27 S.W 36, 50, 37 Fair Epping Exeter.
Saturday 28 S.W. 30, 59, 45 Fair - Smoky. Moon quartered 3h. 32 m. a.m.
Sunday 29 S.W 35, 66, 57 Fair - a cloudless day, but the atmosphere smoky to a great degree. The ground dry, wells, springs & rivers failing.
The frost of last night killed vines & what was of worthy more value the Indian corn. This has destroyed the small remains of hope from Nature's source, which was before feeble.
Monday 30. N.W 49, 72, 62 Fair - Smoky Epping Nottingham

September 1816

Before the middle of this month much rain fell in the North river high. Bridges destroyed in Virginia.

Summary for September

The thermometer at the highest was 76, at the lowest 30, it averaged 55 2/3. Little more South 1.
The wind was West 4 days, South west 11, South East 1, North east 8, North West 8 days.
It was Fair 23 days, cloudy 7; it rained in 4. Thunder in 1. lightning 1. & fogg in 4 days.
Of rain there fell 3 inches of an inch.

On the 26th at sunrise at Hanover NH the thermometer was at 23, on the 27th at 20, on the 28th at 20, on the 29th at 25.
At Waltham Mr. the thermometer at the highest was 80 at the lowest 26, it averaged 56 1/2.
On the 29th at Salem Mass a telescope 20 spots were visible on the sun.
On the 2d a hurricane at St Croix island.
26th a severe gale at Martinico &c
22d a strong gale at Wilmington N.C. did considerable damage to the shipping, wharves &c.

October 1816

Tuesday 1 S. 57, 73, 56 Fair- not a cloud, or space as breath of wind to move a leaf- atmosphere filled with smoke. So still a season so light an air will be followed by a great change- a storm or perhaps earthquake. 8 h 10 clock the smoke obscured the stars.

Yesterday I began to cut up my Indian corn, bind it in bundles & stooked it up. Had it been done before the frost all would have been well- but I fear it will mould. Little fogg in the evening- dew.

Wednesday 2. SW. 47, 73, 56 Fair- Smoky.
Friday 2. Dewees hing- & gone inland & down north.
Thursday 3. NW. 48, 69, 45 Fair. Smoky

at 9 o'clock PM. cloud arose & before 12 the wind blew strong from the North west.

Friday 4. NW. 35, 50, 45 Fair- smoky.

Saturday 5 SW. 33, 53, 43 Cloudy, smoky- evening little rain.

Sunday 6 NW high 45, 53, 40 Fair, smoky.
moon fulled 4h. 48 m. am.

Monday 7 NW. 36, 46, 37 Fair.

Tuesday 8. NW high 31. 61, 52 Fair, smoky.

Wednesday 9. SW. 49, 69, 51. Cloudy- smoky- in the afternoon it was dark by reason of the clouds, smoke & the wind changing to the North. Abt seven a few drops of rain. Great fires in the North & North East.

Thursday 10 N & E 49, 55, 49 Cloudy- Rain 1 10th & 1 40th

Friday 11. SW 47. 60. 48 Fair. Morning & evening foggy, day smoky. Birds sang considerable. Great dew.

Saturday 12 SW 39, 57, 45 Fair- neither cloud or smoke.
Blue birds singing & Pewees

October 1816

Sunday 13 E & 33, 59, 45 Fair. no cloud but some smoke- Morning & evening foggy- Lately sing The fires in the N. NW. & N & have done vast damage destroyed much wood, timber & fences & encumbered the highways &c.

Monday 14 N & E 42, 50, 51 Cloudy rain. 2 10ths
Moon quartered 3h. 42m. a.m.
Offing & Exeter.

Tuesday 15. E & 42, 62, 55 Fair. Even rain a little.

During the first week in this month the smoke had been so great & rendered the air so thick as to render the navigation on the coast exceeding difficult- particularly on Frenchman's bay & all the eastern country- & in a high gale cinders were blown aboard vessels at a considerable distance from the shore. A coaster lay for most of one night about a mile's distance from Boston light house, without being able to discern the light house.

Wednesday 16, E. 55, 63, 56 Cloudy. Calm no wind.
On the 9th the wind in some of the southern States was high & did considerable damage.

Thursday 17 S & E 50, 56, 36 Cloudy rain 1. 10th.
Evening & night wind NW & high- cloudy.

Friday 18 NW high 34, 42, 41. Fair. In the morning a little rain, hail & snow.

Saturday 19 NW 31. 52, 37 Fair. P.M.

Sunday 20 SW. 35, 58, 51 Cloudy New Moon 7h 32 m.

Monday 21, E & 49, 54, 50 Cloudy Fogg. Little rain.

Tuesday 22 S & E. 53, 58, 59. Cloudy. Fogg. rain 2 Inches. 1 20th
In the evening crickets singing. The wind for the day was brisk but not strong- the day dark.

Wednesday 23 SW 49, 63, 51 Fair.
Thursday 24 NW brisk 41, 52, 43. Fair.
Finished digging my potatoes. The crop this year, con=
=trary to the expectation of many is very good this with
the abundant crops of grain will go far to relieve the
people from the want of Indian corn which will be small.
Friday 25 SW. 31, 52, 45 Cloudy - rain
Saturday 26 S.E. & high 54, 58, 50 Cloudy rain } 1 Inch 7, 10th 1. 20th 1. 40
Yesterday finished picking my apples.
To day the clouds flew rapidly & looked wild
in the night wind NW & strong.
Sunday 27, NW high 41. 50, 41 Fair
Moon quartered 5h. 10M. P.M.
Monday 28 NW 34, 53, 42 Fair.
Tuesday 29. SW 42, 57, 46 Fair.
Wednesday 30 SW 36, 61, 51 Fair.
Thursday 31 S.E. 47, 50, Cloudy, fogg rain

Summary for October.

The thermometer at the highest was 73, at the low=
=est 31, it averaged 48 & 2 thirds.
The wind was South West 10 days, South 1, South
East 4, East 4, North East 2, North west 10
days.
It was fair 19 days, cloudy 12; rain in 12, fogg 5
hail 1 & snow 1 day.
Of rain there fell 5 Inches 1 10th & 1 20th

My peaches this did not ripen till after the frost
had injured them much - they were then hard,
dry & many of them sour, & very few fit to eat
but none good. They were more than 5 weeks later
than usual.
6th Near a foot of snow in the vicinity of Quebec
At Waltham Ms the average state of the thermo=
=meter was 50, 2 10ths

Friday 1. NW. 34, 49, 39 Fair.

Saturday 2. SW. 37, 52, 44 Cloudy- ~~little~~ rain, 1.80th

Sunday 3 SW. 47, 60, 54 Cloudy- little rain.
Yesterday finished making my cyder 15 barrels. The further ones proved NW. the less cyder

Monday 4 S. 54, 66, 60 Cloudy- Rain, Foggy
moon fulled 10h. 40m. P.M.

Tuesday 5. S. 59, 64, 60 Cloudy rain Foggy
Grass, & grown green, vegetates fast as in the last of April.

Wednesday 6 S. 60, 52, 42 Cloudy rain there 2 days
2 inches 8 10ths & 1.40th

Thursday 7. NE. 34, 46, 44 Cloudy. Upping'd Nottingham } rain both days 3.10ths 1.40th
Night rain

Friday 8 NE 43, 50, 49 Fogg, cloudy, rain

Saturday 9 NW 43, 49, 35 Cloudy.
Finished threshing my oats- they were very abundant.

Sunday 10 NW 33, 41, 30 Cloudy.

Monday 11 NW 31, 35, 29 Cloudy. Snow 5 10ths

Tuesday 12 NW 28, 36, 28 Fair. Moon quartered 1h. 39m. P.M.
Finished gathering my Indian corn.

Wednesday 13. NW. 25, 36, 28 Fair.

Thursday 14 NW 30, 44, 33 Fair. Thanksgiving day.
Walnuts this year are blighted- few have any meat that is sound & good. This owing to the season.

Friday 15 SW high 37, 46, 39 Cloudy rain 1.20th 1.40th

Saturday 16 W. 30, 41, 30 Fair. Finished getting in my garden roots & cabbages.

Sunday 17. SW. 30, 60, 57 Cloudy.

Monday 18. SW high 56, 67, 58 Fair

Finished husking my corn. Soon after the great frost I had the best part of it cut up near the ground with all the stalks (it not being then topped) & bound in bundles & shocked up. I committed an error in having the bundles too large. I let it stand stand out too long having no convenient place to put it under cover. It however did better than the other part which I left standing. There was an unusual portion of red corn & that was much riper than the yellow. The crop was small- much of it was so green, sound & black that hogs would not eat it. I gave it to my cattle. I had not more than a 3d of a crop.

Tuesday 19. SW 58, 67, 60 Fair. Frost freezing to Concord.

Wednesday 20 SW. 54, 67, 60 Fair night rain 1.10th Concord

Thursday 21 NW. 45, 42, 25, Fair. Concord

Friday 22. NW. 20, 22, 22 Cloudy. Concord

Saturday 23. N. 22, 28, 30 Cloudy, snow 1/2 Inch. Concord

Sunday 24. NE. 31, 33, 22 Cloudy Snow 1 Inches. Concord.

Monday 25. NW. 22, 31, 20 Fair, Concord.

Tuesday 26 NW 15, 29, 24 Cloudy snow 2 Inches. Concord

Wednesday 27. NW. 31, 38, 30 Fair. Concord.

Thursday 28. NW. 17, 25, 13, Fair, Concord.

Friday 29 NE. 6, 27, 22, Cloudy Even hail, rain, snow 1/2 Inch Concord.

November 1816

Saturday 30, W. 32, 35, 36, Fair. Concord

Summary for November.

The thermometer at the highest was 67, at the lowest 6, it averaged 39 & little more.

The wind was West 2 days, South West 7, South 3, North East 5, East 4, North 1, North West 7 days.

It was fair 13 days, cloudy 17 days; rain on 10, fogg in 3, snow in 5, & hail on 1 day:

Of rain there fell 3 inches 3, 10ths 1, 40th & 1 80th

Of snow 8 Inches 5. 10ths

Summary for Autumn

The thermometer at the highest was 76, at the lowest 6, it averaged 47 & little more.

The wind was west 3 days, South West 28, South 5, South East 5, East 24, North East 14, North 1, North West 21 days.

It was fair 55 days, Cloudy 36 days, it rained in 26 days, thunder in 1, lightning in 1, fogg in 12, hail in 2, snow in 6 days.

Of rain there fell 8 inches, 7, 10ths 1, 20th 1 40th & 1 80th.

Of snow 8 inches, & 5. 10ths

On the 17th Nov at St Francisville Louisiana it formed an water in a bowl 1 inch in thickness.

December 1816.

Sunday 1 NW. 32, 38, 26, Fair. Concord.

Monday 2, NW. 12, 20, 15. Cloudy & Cloudy. Concord.

Plowing grass ground in Gilmantown.

Tuesday 3. N. 3, 15, 16, Fair. Concord.

Wednesday 4, NW. 18, 12, 13, Fair. Concord.

Moon eclipsed.

Thursday 5, S.W. 14, 28, 21. Fair Concord.

Friday 6, S.W. 16, 26, 39, Cloudy. Concord.

Saturday 7, S.W. 34, 44, 35, Fair, Concord.

Sunday 8, W. 33, 42, 31 Fair, Concord.

Monday 9, N.E. 17, 12, 14 Cloudy, Snow 4 Inches

Concord.

Tuesday 10 NE. 16, 25, 22, Cloudy. Concord.

Wednesday 11, NE. 21, 27, 24, Cloudy, Snow 3 Inches. Little rain 1. 10th

Concord.

Thursday 12, NE. 32, 41, 32 Cloudy, Fogg Concord.

Friday 13, SW. 32, 45, 37 Fair. Concord.

Saturday 14, NW high 35, 37, 21, Fair- little snow.

Concord.

Sunday 15, NW high 12, 23, 24 Fair. Concord

Monday 16, NW high, 11, 12, 5 Fair. Concord

Tuesday 17, NW. 5, 21, 19 Fair. Concord

Wednesday 18, W. 21, 34, 38 Fair, Concord.

Thursday 19, NW. 15, 24, 31, Fair. Concord

Friday 20 NW. 14, 21, 17 Fair. Concord

Saturday 21 NW high 23, 22, 5. Fair, Concord.

Sunday 22, NW. 8, 17, 11, Fair Concord.

Monday 23 NW. 18, 36, 27. Fair Concord.

Tuesday 24 SW. 34, 44, 33, Fair Concord.

Wednesday 25 SW. 40. 44. 40, Cloudy - little rain
Concord.
Thursday 26, SW. 37. 45, 36 Cloudy rain 1.10th Concord
Friday 27 SW. 41, 54, 41 Fair. Concord to Epsom.
Saturday 28 SW. 28, 38, 32 Fair Epsom to Epping
Sunday 29 SW. 28, 38, 30, Fair Moon 4 stars
passed each other.
Monday 30 NW. 20, 23, 10 Fair.
Tuesday 31, SW. 10. 39, 31 Cloudy

Summary for December

The thermometer at the highest was 54, at lowest 5, it averaged 25 2/3.
The wind was West 2 days, South west 11, North East 4, North 1, & North west 13 days.
It was fair 22 days, cloudy nine; snow in 3 days, rain in 3, & fogg on 1 day.
Of rain there fell 2, 10th of an inch.
Of snow there fell 7 Inches.

Summary for the year.

The thermometer at the highest was 94, at the lowest was 12 below Zero, it averaged 48.
The wind was West 46 days, South West 97, South 46, South East 21, East 11, North East 61, North 8, North West 139.

It was fair 239 days, cloudy 127; it snowed in 31 days, rained in 92, fogg in 36, there = der in 15, lightning in 16, & hail in 2 days
Of Snow there fell 7 feet 4 Inches & 9 10ths
Of rain there fell 2 feet 8 - 10th - 1 - 40th

On the 31st of Decr an earthquake was felt at Charleston S.C.a.
In Wilmington, Delaware, the thermometer this month at the highest was 61, lowest 22, averaged 41 1/2
At Alexandria (District of Columbia) on the 28th it was 3 degrees warmer than the 22d of August, & on the 27th Decr was only one degree below what it was on the 21st of August last at 2 o clock P M.

Wednesday 1 S.W. 23, 41, 36 Fair.
At 8 o'clock P.M. a bright white bow extended from the S.W. to the N.W. across the horizon.
Thursday 2, SW 31, 40, 35 Fair. Striped squirrels out running about.
Friday 3 S.E. 23, 39, 34 Fair Moon fulled 7 h. 40 m. a.m. Night rain
Saturday 4 S.E. 48, 51, 40, Cloudy, rain. } 7 10ths
In the night wind NW & high.
Sunday 5 NW high 20, 20, 12 Fair without a cloud.
Monday 6, S. 17, 30, 35 Cloudy.
Tuesday 7, NE 17, 38, 29 Cloudy - Morn. fogg. Snow in the night a little.
Wednesday 8 NE 17, 23, 21 Snow, 1 Inch.
Thursday 9 W. 20, 38, 26 Fair, Night snow 1 Inch.
Friday 10 SW 35, 36, 31 Cloudy rain 1. 20th
Moon quartered 7 h. 5 m. am.
Saturday 11. NW 30. 30, 15 Fair Snow 1 inch 5. 20th
Sunday 12. NW high 8, 18, 11 Fair.
Monday 13 NW 0/1, 17, 12 Fair.
Tuesday 14 NW 7, 13, 4 Fair.
Wednesday 15 SW. 0/3, 19, 18 Fair. Snow 1. 20th
Thursday 16 NE. 14, 21, 16, Cloudy, Snow 1 inch.
Friday 17 SE 15, 29, 32 Cloudy, Snow 1 inch.
Moon changed 7 h. 40 m. am.
Night rain & considerable lightning in the South } 3 10th, 1. 20th
Saturday 18. N.E. 38, 32, 16 Cloudy rain
Some hail - evening wind NW & high.
Sunday 19 NW high 13, 10, 6 Fair.
Monday 20 NW 7, 17, 13 Fair

Three shocks of an earthquake were felt at Baltimore, about half past 4, on the morning of the 8th instant. There was lightning the night previous.
Tuesday 21, NW 16, 22, 13 Cloudy. Night fair & wind high.
Wednesday 22 NW. 4, 14, 7 Fair. Cloudless sky.
[illegible] the hours of 10 & 11 P.M. tho scarce any wind stirring there was a noise like a mighty wind, or like the roaring of the ocean in the N.E. across red oak hill. I heard it more than 10 minutes, & it did not cease when I went in. The night was fair & remained calm.
Thursday 23 N. 2, 21, 18 Cloudy.
Night snow -
Friday 24 NE 20, 26, 28 Cloudy. Snow. } 6 inches
Saturday 25 W. 10, 29, 12 Fair. Moon quartered 5 h. 57 m. a.m.
Sunday 26 NW. 18, 27, 12 Fair. Moon & 7 stars together. Wind high in the night.
Monday 27 NW & high 0/1, 14, 11, Fair. Night snow 1. 10th
Tuesday 28 NW & high 0/6, 0/1, 0/10 Fair. Snow flew much.
On the 17th the thunder & lightning in the night in the vicinity of Connecticut river near Walpole was severe.
Wednesday 29 W. 0/12, 16, 12 Fair. Night snow 3. 10th
Thursday 30 NW high 7, 9, 0/4 Fair
The snow flew very much.

Friday 31 NW 0/1, 21, 9 Fair.

Summary for January.

The thermometer at the highest was 48, at the lowest 12 below zero it averaged 18 2/3.
The wind was West 4 days, South West 3, South 1, South East 3, North East 5, North 1, North West 14 days.
It was fair 19 days, cloudy 12; it rained on 5 days snowed in 12, thunder on 1, & lightning in 1 day.
of rain there fell 1 inch & 1 20th
of snow there fell 1 foot.
At Hanover N.H. 29th between 6 & 7 A.M. the Mercury was 30 below zero for one hour.
Same day at Boston 2 below zero.
22d At Augusta, Georgia, 21 below zero.
8th The fog was so thick in London for so thick that for several hours in the day, that all the shops were lighted as in the night.

Saturday 1. NE 4, 13, 12 Cloudy Snow 2 Inches
Moon fulled 9h. 32 M. P.M.
Sunday 2 NE 3, 27, 22 Cloudy
Monday 3 N. 21, 30, 12, Cloudy Snow 2 10th From Epping to Concord
Tuesday 4. NW. 2, 8, 0/1 Fair. Concord
Wednesday 5. NW 0/12, 0/1 0/5 Fair. Concord.
Thursday 6 NW. 0/2, 22, 20 Cloudy. Concord
Friday 7. NW. 15, 33, 21, Fair. Concord.
Saturday 8. SW 19, 40, 28 Cloudy Concord to Epping.
In Even. Northern lights. Moon quartered 3h. 4M. P.M.
Sunday 9 NE. 22, 23, 20 Cloudy Snow 4 inches
Monday 10 NW 19, 35, 22 Fair.
Tuesday 11 NW high 1, 7, 0/3 Fair. Light in the North
On the 5th at Portsmouth little before sunrise it was 14 below zero.
Wednesday 12 NE 0/1, 11, 5 Cloudy Snow 4 1/2 inches
Thursday 13 W. 0/9, 17, 14 Fair.
Friday 14 NW high 3, 0/9, 0/18. Fair Snow flew terribly
The coldest night for many years.
Saturday 15 NW 0/19, 1, 1. Fair. Moon changed 11h. 27M. P.M.
Sunday 16 NW 0/9, 15, 2, Fair.
Monday 17 SW 0/1, 26, 18 Cloudy little snow.
Tuesday 18 NE. 15, 23, 24 Cloudy Snow 3 inches. From Epping to Portsmouth.

Feby 1817

Wednesday 19. NW. 20, 36, 23 Fair. Portsmouth.
Thursday 20, NW. 21, 39 26 Fair Portsmouth to Epping.
Friday 21 S.E. 28, 40, 33 Cloudy - Rain 2 10th Epping to Concord.
Note The 5th the thermometer at Montreal 20 below zero.
14th at city of New York 4 below zero
Saturday 22. W. 32, 45, 37 Fair. Concord.
Sunday 23 S.W. 34, 37, 30. Cloudy. Concord.
Monday 24 NE & high 18, 24, 12 Cloudy, Snow 1 foot 2 inches.
Concord to Epsom. Moon quartered 11h. 27M. PM.
Tuesday 25. NW. high 10, 22, 13 Fair. Epsom. Roads nearly impassable.
Wednesday 26 NW high 9, 22, 11 Fair. Travelling uncommon bad. Epsom to Epping.
Thursday 27 NE & high 6, 18, 21 Cloudy, Snow 1 foot.
Friday 28. E 19, 38, 23 Cloudy.

Summary for this month.

The thermometer at the highest was 45, at the lowest 19 below zero, it averaged 15 & 2/3.
The wind was West 2 days, South West 3, South East 1, East 1, North East 7, North 1, & North West 13 days.
It was fair 14 days, cloudy 14; snow in 8 days & rain on one day.
Of rain there fell 2. 10ths
Of snow there fell 3 feet 3 inches & 7 10ths

Summary

Summary for 3 Winter Months.

The thermometer at the highest was 54, lowest 19 below zero; averaged 20.
The wind was West 8 days, South West 17, South 1, South East 4, East 1, North East 16, North 3, & North west 40 days.
It was fair 55 days, cloudy 35; it rained in 9 days snowed in 23, fog 1, thunder 1, & lightning in one day.
Of rain there fell 1 inch, 4 10ths & 1 20th
Of snow 4 feet 10 inches & 7 10ths

Notes.

On the 16th of Feby 4 sleys crossed the Penobscot river Mr from Prospect to Buckstown village on the ice - a thing that has not before taken place since the American revolution.
On the 15th at Portland Me in the morning the thermometer stood 20 below zero, Concord NH. 16, Portsmouth 14, Newbury Port Ms 20, Providence R.I. 15, Hartford Ct 14, City New York 7, Albany NY 13, Newark ~~Trenton~~ NJ. 6, Philadelphia 2 1/2 Baltimore 4, Washington Ca 0. Boston 15. Montreal 30. Trenton N.J. 3.
The Ohio at Marietta was froze 19 inches thick

March 1817.

Saturday 1, NE. 18, 25, 19 Cloudy Snow 1 foot 2 inch.
Sunday 2. NW 13, 28, 18 Fair.
Monday 3. SW 8, 36, 29 Fair. moon fulled 9 h. 4 m. a.m.
Tuesday 4 SW. 21, 50, 35 Fair
The Snow at Concord NH. is now near 4 feet deep on a level.
Wednesday 5 NW 35, 51, 34 Fair.
Thursday 6. SW. 25, 49, 38 Fair. Evening lightning in the South West at a distance. Ground begins to appear. Water in low ground.
Friday 7. NW 38, 47, 34 Fair. In the night wind high.
Saturday 8. NW 19, 38, 30 Fair. Night Snow 2 inches
Sunday 9 NW 29, 43, 32 Fair. In the night
Monday 10 SW. 25, 46, 33, Cloudy, rain 1 10th snow 1 inch & distant lightning in the East.
Moon quartered 6 h. 55 m. a.m.
Tuesday 11. NW 32, 33, 20 Cloudy
Wednesday 12, N. 7, 29, 18 Fair.
Thursday 13 NE 12, 36, 18 Cloudy.
Friday 14, NE 16, 29, 24 Cloudy.
Saturday 15. NE 20, 35, 27 Fair.
Sunday 16 NE. 24, 37, 21 Fair.
Monday 17. SW 12, 44, 27 Fair Moon changed 4 h 36 m. P.M.
Robins appear.
Tuesday 18. SE 31, 36, 34, Cloudy Snow 1 inch rain 7 10th, 1 40th
Wednesday 19 NW high 23, 23, 8 Fair
Thursday 20 N high 3, 20, 17 Cloudy.

March 1817

Friday 21st NW 19, 34, 32 Cloudy.
Saturday 22, NW 31, 46, 35 Fair. Moon & 7 stars passed & Blackbirds
Sunday 23 SW 25, 47, 31 Fair. Blue birds appear
Monday 24 NE 32, 37, 34 Cloudy ~~Snow~~ 2 10th rain 1 10th
Tuesday 25 NW 39, 49, 37 Cloudy Moon quartered 9 h 2 m P.M.
Larks & millars appear.
Wednesday 26 NE 34, 32, 25 Cloudy, Snow, hail rain Snow 1 inch 5 10th rain 1 10th
Thursday 27, NW high 21, 34, 25 Fair.
Friday 28 SW. 22, 39 30, Fair. Woodwalls appear. Began to haul my winter dung. Ground nearly covered with snow.
Saturday 29. NW 28, 41, 28 Fair. Snowed a little. Kildees appear.
Sunday 30 NW 28, 41, 32 Fair. Henhawks appear
Monday 31 NE 28, 42, 30 Cloudy.

Summary for March.

The thermometer at the highest was 51, at the lowest 3, it averaged 30 1/3
The wind was South west 7 days South East 1, North East 8, North 2, North west 13 days.
It was fair 19 days, cloudy 12; snowed in 5 days rain in 4, hail in 1, & lightning in 2 days.
Of rain there fell 1 inch, 1 40th
Of snow 1 foot 6 inches 7 10ths

April 1817

Tuesday 1. S.W. 24, 55, 40 Fair Moon full 6h. 42m. P.M.
Some people began to ple[illegible] on high sandy land- the
in general there is much frost in the ground.
Wednesday 2. W. 38, 54, 37 Fair
Wild geese appear.
Thursday 3 NW 38, 54, 37 Fair. Fast-day.
Friday 4. NW 31, 45, 31 Fair.
Saturday 5 N[illegible] 36, 39, 32 Cloudy
Sunday 6 E 36, 44, 36 Cloudy- Night rain 8, 10, 20/4
Monday 7 N[illegible] 36, 41, 36 Cloudy rain
Lightning in the evening in the South east.
In night snow 5.10th
Tuesday 8 S[illegible] 32, 50, 31 Fair. Moon quartered
10h. 46m. a.m. Pewees & Killdeer appear. 1.80/4
Wednesday 9 S. 32, 51, 44 Cloudy- Rain a little night
Thursday 10 SW 35, 57, 46 Fair. Ground frozen hard in the
Yesterday was the first day any men plowed in this
neighborhood.
To day saw striped squirrels, the I think they must
have come out earlier.
Friday 11 NW high 30, 36, 29 Fair- Thawed but little.
Saturday 12. NW. 30, 44, 34 Fair. Night snew a little
rain 1.40/4
Sunday 13 NW high 35, 47, 39 Cloudy.
Monday 14 NW high 32, 45, 37 Fair. Little rain
began my plowing.
Tuesday 15 SW. 31, 56, 44 Fair. Frogs sing in the evening
In the night rain 1.40/4 1.80/4

April 1817.

Wednesday 16 S.W. 37, 64, 40 Fair Moon changed 9h.
53m. a.m. Martin's appear.
Thursday 17 NW high 41, 72, 41 Fair.
Sowed wheat peas & oats.
Friday 18 NW high 29, 41, 26 Fair, Water froze in the night
one inch thick.
Saturday 19. NW 20, 42, 32 Fair.
Sunday 20 NW 31, 53, 38 Fair. Moon & 4 stars passed.
Monday 21 NW high 32, 46, 35 Fair. Ground froze an inch in night
Tuesday 22 NW. 31, 46, 41. Fair.
Finished sowing my oats, peas & grass seed.
Yesterday some people imprudently commenced planting
Indian corn. I saw some people begin to drive young cattle to pasture.
May from $20 to $25. per ton in Springs
Wednesday 23 NW. 37, 60, 39 Fair.
About 5 days some people began to drive their young
people to pasture into the country.
Thursday 24 N[illegible]. 37, 39, 32 Cloudy Rain 4/10th
Snow & hail 1 Inch 5/10th Moon quarter 10h. 44m. a.m.
Friday 25 N. 33, 45, 38 Cloudy. At seven set
some snow remained under fences. 1, 20/4, 40/4
Saturday 26 E. 36, 43, 48 Cloudy. Foggy, Rain
Myben begin to work.
Sunday 27 NW 39, 51, 42 Fair.
Swallows appear.
Monday 28 NW 35, 55, 46 Fair.
Tuesday 29 NW 39, 54, 42 Fair
Wednesday 30 W. 34, 71, 60 Fair.
at 5 o'clock P.M. 81.
Finished my plowing, & digging my garden.

Summary for this month.

The thermometer at the highest was 72, at the lowest 20, it averaged 40 2/3d.

The wind was West 2 days, South West 4, South 1, South East 1, East 2, North East 3, North 1, & North West 16 days.

It was fair 18 days, cloudy 12; rained in 8 days, snow 3, hail 1, fogg 1, & lightning in 1 day.

Of rain there fell 1 inch 4 10ths

Of Snow 5 10ths of an inch.

In England not the 100th part of an inch fell this month!

Thursday 1 S. 51, 81, 51, Fair. Moon fulled ~~th~~ 5th h. am.

Friday 2 S. 51, 79, 59 Fair

Laylock leaves as large as Mouses ears. Horse Chesnuts larger.

Saturday 3, S. 48, 72, 54 Fair

Apple tree leaves as large as Mouses ears. also gooseberry leaves

Sunday 4 N.E. 45, 49, 39, Cloudy.

Monday 5 S.W. 39, 73, 57 Fair.

Tuesday 6 S & high 45, 76, 61 Fair.

Sowed my garden, & began to plant potatoes.

Wednesday 7, S. high 54, 76, 59 Fair.

Planted the Holcus Becola, called Chocolate seed on high dry land. It was seed I procured from Dr Bartram of Philadelphia. I doubt whether our climate is warm enough for it. this was raised near the Lancaster turnpike Pennsylvania.

Moon quartered 10 h. 53 m. P.M.

Thursday 8, S & high 59, 74, 56 Cloudy. Rain 7 10ths

Began to plant my Indian corn.

After it began to rain the wind fell & soon ceased & the rain was moderate tho when it commenced it threatened to be violent.

Friday 9, NW 48, 63, 48, Fair. Asparagus fit to cut.

Finished planting my corn.

Saturday 10 N.E. 44, 59, 44 Fair.

King birds appear. Northern lights.

Sunday 11 N. 46, 69, 52 Fair.

Bobolinks appear. Cherry trees & strawberries begins to blossom. Gold Finches come

Monday 12, NW. 49, 56, 42 Fair. Froze water in the night 1/4 of an inch thick. From Epping to Concord.

Tuesday 13 N.W. 34, 47, 43 NW. Fair Frost in the night. Concord.

Wednesday 14 S.W. 37, 62, 46, Fair - little rain - Concord.

Thursday 15 NW. 46, 56, 40, Fair. Froze in the night. Concord

Friday 16. SW. 36, 65, 38 Fair - Froze in the night. Concord.

Saturday 17. NE. 32, 60, 46. Cloudy. Morning & evening foggy. From Concord to Epping. Foggy in the morning. Moon changed 2h. 12m. a.m. eclipsed but not visible.

My peach, pear & cherry trees & lay locks in blossom - vegetation is more forward here than at Concord or Portsmouth.

Sunday 18. E. 46, 52, 47 Fogg, Cloudy, Rain 1.10th

Monday 19 NW high 48, 59, 45 Fair.

Tuesday 20 NW 41, 63, 53 Fair.

Wednesday 21, S. 52, 68, 55 Fair Epping & Hampton Falls.

My lay locks in full blossom. Vegetation as forward as at Hampton Falls.

The worms have eat nearly all the grass in my pasture & many others. It appears as tho it was killed with winter. Less grass much than there was ten days since

Thursday 22 S. 49, 77, 55 Fair.

Friday 23 SW. 47, 75, 62 Fair, little rain.

Moon quartered 7h. 36m. P.M.

Saturday 24 W. 56, 75, 60 Fair. Evening no wind, calm & smoky - ground very dry - apple trees full of blossoms.

Sunday 25 E. 53, 75, 53, Fair. Apple tree blossoms begin to fall.

Monday 26. NW. 54, 71, 50 Fair.

Turned my cattle into the pasture, but little feed. Washed my sheep.

Tuesday 27 SE. 46, 47, 43 Cloudy rain a little - The cold obliged me to keep a fire in my office.

Wednesday 28, N. 40, 54, 39 Fair. Frost in the night - ground froze half an inch.

Thursday 29 S. 38, 66, 46 Cloudy, Night rain 1.20th

At 5 O'clock AM at 33. Sheared my sheep.

One night one or two slight shocks of an earthquake was felt in this town - I did not perceive it.

Planted my cucumbers.

Friday 30, NE. 42, 56, 42 Fair.

Moon fulled 10h. 34m. a.m. Planted my Musk melons

Saturday 31 S. W 40, 53, 43 Fair - Rain 1.20th & 1.30th

Distant thunder - Morning foggy.

Summary for May.

The thermometer at the highest was 77, at the lowest 32, it averaged 53.

The wind was West 1, South West 5, South 9, South East 1, East 2, North East 3, North 3, North west 7 days.

~~It was fair~~

It was fair 25 days, cloudy 6; rain in 5 days, fogg 2, thunder in 1 day.

of rain there fell 9.10th & ~~1.20th~~ 1.20th

Summary for Spring.

The thermometer at the highest was 77, at the lowest 3, it averaged 41 1/3

The wind was West 3 days, South west 16, South 10, South East 3, East 2, North East 19, North 6, North west 31 days.

It was fair 62 days, cloudy 30; Snow in 8, rain 17, hail 2, fogg 3, thunder 1, lightning in 3 days.

May 1817

Of snow there fell 1 foot, 7 inches, 2.^{10lbs}
Of rain there fell 3 inches 3.^{10lbs} 1.^{20lbs} & 1.^{40lbs}

June 1817

Sunday 1. NW 40, 58, 49 Fair.
Frost in the morning - ground froze
Monday 2. E. 48, 66, 52 Fair. Epping to Concord.
Tuesday 3. S. 49, 66, 51. Fair, foggy, rain Concord.
Wednesday 4, E. 46, 53, 51 Cloudy, rain. Concord.
Thursday 5, W. 51, 75, 68 Fair, Foggy. Concord.
Friday 6. NW. 60, 70, 57 Fair, foggy. Concord.
Saturday 7. NW. 56, 76, 69 Fair. Concord.
Sunday 8 NW 51, 63, 53 Fair. Concord.
Monday 9. NE 52, 62, 51 Cloudy - rain Concord.
Tuesday 10, NE. 52, 64, 61 Rain - distant thunder, Concord
Wednesday 11, NW. 54 67, 60 Fair, Rain, Concord.
Thursday 12, NW. 55, 66, 52, Fair. Concord.
Friday 13 W. 53, 74, 61 Fair - Clear rain - Concord
Saturday 14, 57, 71, 56, Cloudy, Rain. Concord
Sunday 15 NE. 52, 51, 52, Cloudy, rain 5 inch 10lbs. Concord.
Monday 16, NW high, 49, 55, 47. Fair - dust flew notwithstanding the great rain of yesterday. Concord - Frost in the night.
Tuesday 17. NW - 47, 66, 59. Fair. Concord.
Wednesday 18, S.W. 54, 71, 63, Fair Concord.
Thursday 19, S.W. 70, 75, 64 Cloudy rain, Concord
Friday 20, S.W. 60, 83, 62, Fair - evening, rain thunder & lightning - Concord.
Saturday 21, S.W. 64, 79, 64, Cloudy rain, Concord.
Sunday 22, W. 67, 77, 56 Fair. Concord. 4. 10lbs
Monday 23, NE, 60, 59, 60 Cloudy, rain. Concord
Tuesday 24, N.W. 59, 71, 62, Fair - Concord
Wednesday 25, NW. 57, 71, 56, Fair - Concord

Thursday 26, NE. 56. 75. 55. Cloudy rain 1 inch. Concord.
Friday 27. W. 53. 61. 59. Fair Concord
Saturday 28. NW. 61. 73. 60 Fair, Concord.
Sunday 29 S.E. 60. 68. 55 Cloudy, Concord.
Monday 30, NE. 52. 58. 54. Cloudy, rain 6th 10th
From Concord to Epping.

Summary for June

The thermometer at the highest was 83, at the lowest 40, it averaged 59 2/3 & more.
The wind was West 4 days, South west 4, South 1. South East 1. East 3, North East 6, North west 11 days.
It was fair 20 days, cloudy 10; fogg in 3 days, rain 13, thunder 2, lightning in 1 day.
Of rain there fell 3 inches & 5.10ths

Note. On the 15th & 16th there was in half an inch at Quebec; but before the 25th the thermometer was frequently above 80. June 23d to 26th In London & Westminster the mean temperature of the thermometer in the shade was ~~from~~ 83 & 84 & in exposed situations from 108 to 110 — a number of horses died.

Tuesday 1. NW 57. 68. 56 Fair.
Wednesday 2. NW high 60. 73. 66 Fair.
Thursday 3. E 60. 79. 61 Fair.
Friday 4. S E 56. 78. 63. Fair, Foggy. In the morning the ground was covered with spiders webs
Saturday 5. W. 59. 69. 61. Cloudy rain 1 inch 6 10th & 1 20th; tho so much rain fell here 4 miles N.W. there scarce sufficient to lay the dust. There much thunder & some lightning, tho most of the thunder was distant. The lightning struck are oak 3 quarters of a mile from me NW — The clouds appeared yellow, & the thunder rattled much in the air.
In the morning the ground was covered with spiders webs & dirt thrown up by the ants.
Sunday 6. S. 61. 83. 70 Fair. Moon quartered at 5 O'Clock AM. Evening rain 1 20th 1 40th
Monday 7 SW high 63. 80. 71 Fair.
Tuesday 8 S E 64. 72. 61. Cloudy, Rain, but principally in the night, 4 10th & 1. 20th Thunder in the night.
Wednesday 9. NW high 63. 69. 60 Fair. Evening light in the north.
Thursday 10 S E. 56. 68. 54 Fair.
Friday 11 S E. 53. 74. 63 Cloudy, Rain a little
Saturday 12 SW 64. 82. 68. Cloudy, rain 2 10 1 20th thunder & lightning.
Sunday 13 S.W. 71. 77. 66. fair ~~S. W.~~
Monday 14 NW. 60. 71. 56 Fair.

Tuesday 15 NW 63, 84, 60 Fair.
Wednesday 16, NW 55, 81, 74 Fair. Finished hilling my com.
Thursday 17 SW. 66, 87. 77 Fair. Potatoes in my garden in blossom. Some Corn on red oak hill begins to spindle.
Friday 18 SW. 75, 91. 82, at 5 O'clock P.M the thermometer was at 96. Fair.
Saturday 19, S. 69, 90, 78 Fair
Sunday 20 SW. 75, 85, 72 Fair. Little rain & thunder.
Monday 21. SW. 59, 76, 58 Fair Moon quartered 7h. 22 M a.m.
Tuesday 22 SE 59, 64, 67 Cloudy rain 8 10ths Some Corn on red oak hill begins to silk.
Note at Portsmouth on the 18th at 1 O'clock P.M. the thermometer stood at 94.
Wednesday 23 NW 61, 74, 62 Fair.
Thursday 24 SW. 57, 73, 61 Fair. Some people in town on high land began their haying.
Friday 25 SW 61, 76, 61 Fair.
My own corn begins to spindle tho but little. In the night spiders formed webs on the ground.
Saturday 26. S. 57, 76, 68, Fair. One apple tree in my orchard bloomed a 2d time.
Sunday 27 S. 61, 85, 62 Fair.
Monday 28 S. 55, 81, 65 Fair. Moon fulled 7h. 22 M. a.m.
Tuesday 29 S. 64, 89, 69 Fair.
Wednesday 30 S.E. 68, 78, 68 Cloudy rain 3 10th & 1 40th. Distant Thunder in the South east.
Thursday 31 S. 64, 78, 61 Fair.

Summary for this month.

The thermometer at the highest was 91, at the lowest 53, it averaged 68.
The wind was West 1 day, South West 9, South 7, South East 6, East 1 & North west 7 days
It was fair 25 days & cloudy 6; it was foggy in 1 day, rain 8, thunder in 4 & lightning in 1 day.
Of rain there fell 3 inches 6 10ths

Friday 1 S 57, 78, 64 Fair. Morning foggy.

Saturday 2. S. 63, 82, 67 Fair. Morning foggy.

Began to cut my grass - haying.

Sunday 3. S. 64, 83, 70 Cloudy - cob webs on the ground.

Monday 4 S. 65, 84, 71 Cloudy, foggy, rain 1.20th

In the evening lightning in the N.W. Moon quartered 10h. 28m. P.M.

Tuesday 5, NW 66, 76, 63 Fair.

Wednesday 6 W. 50, 74, 63 Fair.

Began to get in hay into my barn. My grass in general is now green & growing - tis more than 20 days later in its growth than was usual 15 or 20 years since - then at this time we usually had done our haying.

Thursday 7 S. 52, 79, 70 Fair. Had green peas fit to gather.

Friday 8, S. 71, 81, 70 Cloudy

Dug new potatoes to eat not larger than hens eggs. Some lightning & distant thunder - rain 1.10th

Saturday 9 S. 70, 71, 70 Cloudy little lightning & distant thunder, rain 2 inches 6.10th

The clouds were of a dark deep blue colour & tho the wind was not high they moved rapidly, & the water fell astonishingly fast. Fogg sometimes rested on the hills - sometimes very dark, at others the sun was seen - the wind for a little part of the day veered to S.E. & even E.

Sunday 10 S.W. 70, 79, 68 Fair.

Had cucumbers from my vines to eat.

The rain of yesterday washed & injured the roads; beats down & considerably my oats, but not my wheat or Indian Corn.

Monday 11. S.E. 61, 74, 60 Cloudy - Little rain.

Tuesday 12, N.E. high 55, 57, 61 Foggy, Cloudy rain 2 inches

Moon changed 4h. 15m. P.M. Had a small fire in my office all day.

Wednesday 13 SW 63, 77, 69 Fair.

Saw some Indian corn nearly large enough to roast in my brothers field.

In the evening northern lights appear.

Thursday 14 S. 63, 82, 67 Cloudy - evening rain a little.

Friday 15 SW 70, 82, 72 Cloudy rain 4.10th, 1.20th & 1.40th

Evening lightning in the south east.

Saturday 16 S.E. 64, 78, 65 Fair.

Sunday 17 S.W. 63, 80, 73. Cloudy - little rain

Morning foggy.

Monday 18 SW 69, 84, 76 Fair.

Tuesday 19 SE 66, 74, 60 Cloudy. Moon quartered 6h. 4m. P.M. Finished reaping my wheat - grain is very abundant.

Wednesday 20 S.E. 63, 74, 57 Cloudy foggy rain.

Thursday 21 SE 61, 70, 68. Foggy, Cloudy rain

then 2 days 5.10th 1.40th

Friday 22 N.W 59, 74, 67 Fair.

Saturday 23 S.E. 57, 75, 67 Fair. Even lightning in S.W.

Finished gathering in my oats, tho the late Rains have injured them the crop is abundant - the straw on an average was more than 4 feet high.

Sunday 24, N.E. 56, 55, 52, Cloudy - Rain 2.10th

Monday 25 NW 48, 64, 56 Fair.

The wind blew gently in the course of the day from every point of the compass.

August 1817

P.M.

Tuesday 26 S.W. 49, 71, 58 Fair. Moon full 3h. P.
Night Dews very great.

Wednesday 27 S.E. 50, 76, 57 Fair.

The rains that fell on the 9th 11th & 12th, particularly on the 9th in Maine, Connecticut, New York, Pennsylvania, Maryland & Virginia, were very great indeed. They did much damage in the country & more in the towns, particularly in Baltimore & York Co. in the last place 54 said buildings were destroyed. The damage in Baltimore was immense. In both places a number of lives were lost. Bridges & roads are greatly injured. The rivers it is said have never been so high as not in 1786.

In Connecticut & Maryland, in some places, there was a violent tornado, which destroyed a number of buildings.

Thursday 28 S.E. 49, 74, 55 Fair.
Began to cut pieces of Indian Corn for fat ox.

Friday 29 S.E. 59, 74, 59 Fair.
The wind varied in the course of the day from S.E. to N.E. and the morning was cloudy.

Saturday 30 N.E. 60, 71, 60 Cloudy.

Sunday 31 N.E. 57, 66, 62 Cloudy

Summary for August

The Thermometer at the highest was 84, at the lowest 48, it averaged 66 & 1/3.

The wind was West 1 day, South West 6, South 8, South East 9, North East 4, North West 3 days.

It was fair 16 days, cloudy 15; fogg in 8 days, rain in 9, lightning 5 & thunder in 2 days.

Of

August 1817

Of rain there fell 5 inches, 9 - 10th & 20th & 21.

Summary for Summer

The thermometer at the highest was 91, at the lowest 40, it averaged 64 & 2/3.

The wind was west 6 days, South West 19, South 16, South East 16, East 4, North East 10, & North west 21.

It was fair 61 days, cloudy 31, fogg 12, rain 30, thunder 8 & lightning 7.

Of rain there fell 1 foot 1 inch & 1.20th

Note

Augt 30 The leaves of White Maple & Elm began to fade. 25th at Washington, Pennsylvania, last night water froze 1/10th of an inch thick - vegetation was injured.

September 1817

Monday 1 N.E. 58, 72, 60 Cloudy

Tuesday 2 S.E. 60, 76, 60 Fair

Finished my keeping - There is in this town about one quarter more hay than the last year.

Wednesday 3. S. 54, 79, 68 Fair.

Moon quartered 4 h. 6 m. P.M.

The morning foggy - the ground covered with a great dew - & many cobwebs.

Thursday 4 S.W. 64, 84, 70 Fair. At 3 o'clock P.M. Thermometer 87. Evening distant lightning in the west.

Friday 5 S.W. 67, 86, 76 Fair. At 5 o'clock P.M the thermometer was 88 - Evening distant lightning in the N.E & East - night rain 1.80th.

Saturday 6, N. 68, 74, 63 Fair. The wind was in the course of the day from every point of the compass.

Sunday 7 E. 57, 73, 55 Fair.

Monday 8 S.E. 49, 74, 60 Fair.

Tuesday 9 S.E. 61, 79, 65 Fair. Evening cloudy, foggy.

Wednesday 10 S. 58, 83, 74 Fair.

Evening distant lightning in almost every part of the horizon - little thunder in the North.

A quick propagation of the corn stalks than usual here no cars.

In the night a little rain.

Thursday 11 S.E. 69, 78, 64 Cloudy - morning foggy little rain - Moon changed 2 h. 11 m. A.M.

Evening & night considerable thunder lightning - Rain 5.10th

Friday 12 S. 65, 76, 69 Cloudy - in the day little rain & thunder once at a distance - Morning some fogg. Evening little rain.

Saturday 13 N.W 57, 62, 48 Fair.

Wind varied to every point.

Sunday 14. N.E. 39, 56, 47 Cloudy

The wind varied from N.E to S.E.

Monday 15 N.E 47, 58, 52 Cloudy - little rain

The wind varied from N.E. to S.E. Had a fine day for my official duty.

Tuesday 16 N.E. 53, 60, 57 Cloudy Rain 5 10th 1.20th

Wednesday 17 S.W. 55, 70, 69 Fair. Moon quartered 6 h. 13 m. P.M.

On the 15th began to gather my apples.

Thursday 18 N.W 59, 69, 56 Fair - Morning cloudy rain 1.20th Evening small Aurora Borealis

Friday 19 N.W 48, 64, 51 Fair.

Saturday 20 S. 47, 74, 67 Fair.

Sunday 21. E. 54, 66, 49 Fair.

Monday 22 E 44, 63, 53 Fair

The wind varied from E to S.E & South.

Tuesday 23 S.E 53, 67, 57 Cloudy, Fogg, Rain 1, 10th & 1.20th

Wednesday 24 S. 63, 68, 55 Cloudy rain 5 10th 1, 20 1 40

Wind varied from South to West.

Thursday 25 W. 45, 58, 46 Fair.

Wind varied from South to West. Moon ~~quartered~~ fulled 5 h. 16 m. a.m. Rain fogg in low ground.

Pidgeons flew in different directions. A small frost in the night. Began to dig potatoes.

Friday 26 S. 39, 65, 46 Fair. Morning fogg in low ground. Wind varied from South to South west.

The frost of last night did not kill the vines.

Saturday 27. S. 42, 71, 58 Fair. ~~Moon 1 after full.~~

Evening lightning - ~~little~~ rain 1. 10th
Began to gather my beans.

Sunday 28 W. 46, 58, 46 Fair.
Tho no frost has injured the trees the leaves be=
=gin to fall - corn ripens fast.

Monday 29 NW 38, 53, 40 Fair. Frost in the night.
killed the vines of pumpkins, beans & potatoes, injured stalks of corn
Moon & 7 stars pass.

Tuesday 30 NW 32, 48, 35 Fair.
The wind varied from NW to S. in the course of the day.
Night water froze 1 10th of an inch thick.

Summary for September.

The thermometer at the highest was 86, at the lowest
32, it averaged 59 & 2/3.
The wind was West 2 days, South west 3, South 7;
South East 5, East 3, North East 4, North 1, & North
west 5 days.
It was fair 21 days, cloudy 9; foggy in 7 days, rain
in 10, thunder 3 & lightning in 5 days.
Of rain there fell 1 inch, 8. 10th 1. 20th 1. 40th 1. 80th

Notes
The frost of the 30th killed the Corn.
And it killed my Holcus Bicolor so that none of
it came to perfection

Wednesday 1 W 28, 51, 37 Fair
The wind varied from NW to S.

Thursday 2 SW 29, 60, 39 Fair. Wind varied from
NW. to S.

Friday 3 SE 37, 63, 48 Fair. Moon quartered
9h. 45 M. AM. Wind varied from S.E. to W.

Saturday 4 S. 39, 65, 48 Fair.
Wind varied from SW to S.E.

Sunday 5 S. 43, 68, 58, Fair. At 4 O'Clock P.M.
the thermometer was 70. Wind varied from SW to SE.
Fogg in low ground in the morning.
At ten minutes before 12 AM. there was an earthquake
the sound of which continued about one minute. I was
in the field when it commenced & ended. It began
there east from me - it appeared to be at a conside=
=rable distance - its course was from north to south -
It did cause but little trembling of the earth. There
was but little wind stirring & has been for several
days - after it was over the wind was perfectly still.
Some clouds in the horizon.
In the Night of the 3d at about 10 O'Clock a
similar shock was heard in this neighborhood - I did
not hear or feel it.

Monday 6 SW 53, 70, 56 Fair. At 3 O'Clock P.M.
thermometer at 71. Morning fogg in low land - Wind
varied from SW. to S.E.

Tuesday 7 S & high 59, 73, 53 Cloudy. Wind varied from
S. East to West - Rain 2 10th, 20th

Wednesday 8 NW 40, 56, 43, Fair.

Thursday 9 W. 41, 48, 36 Cloudy - Rain 1 20th
Wind varied from S.W to N.W.
Moon quartered 9h. 45 m. am.

Friday 10th NW 30, 49, 39 Fair.
Moon changed 11h 49m. AM.
Finished cutting my stocks. On about acre my corn was good. The 1st of Septr I began myself to cut those that had no corn for an ox I was fatting, & when that was done to cut the tops & have continued cutting them as fast as he would eat them. I ought to have begun 3 weeks earlier. Since the 30th of last month the frost of that night killed them. Those I cut since when the dew was on he eats well but letting them stand so long as caused the wind to blow down some of the corn to the ground. I think cutting stocks early does not injure the corn.

Saturday 11 S. 30, 53, 41 Fair
Wind varied from NW to South. Finished digging potatoes.

Sunday 12 S. 37, 62, 57 Fair.

Monday 13 NW & high 57, 64, 49 Fair Epping to Concord.

Tuesday 14, NW. 43, 54, 40 Fair - night foggy. Concord.

Wednesday 15 NW. 34, 55, 44 Fair - Morning & evening foggy - Concord.

Thursday 16 NW & high, 33, 48, 34 Fair - Concord

Friday 17, NW. 27, 44, 37, Fair. Concord. Moon quartered 3h. 19m. A. M.

Saturday 18, NW. 40, 51, 31 Fair. Concord to Epping.

Sunday 19 W. 23, 50, 44 Fair.

Monday 20 NW high 39, 43, 35 Fair.

Tuesday 21. SW 27, 50, 39 Fair.

Wednesday 22 SW 36, 66, 56 Fair. Small fogg in Morning
Wind varied from South to South West.

Thursday 23, S.W 48, 68, 55 Fair - fogg in low ground in the morning.

Friday 24, E. 48, 60, 55 Fogg cloudy.
Between 4 & 5 A M. I was waked with a noise but whether it was thunder or an earthquake I am unable to decide but am inclined to think it the latter.
Yesterday it was clear & no wind moving - The wind to day was from every point but scarcely sufficient to turn the vane.
Moon fulled at 10h. 20m. P.M.
Finished making cider yesterday.
} Moon & 7 Stars passed each other.

Saturday 25 NE. 52, 43, 40, Cloudy, rain
Sunday 26 NE 27, 31, 34 Cloudy, Hail, rain
Monday 27 S. 36, 49, 33 fogg cloudy rain
} 6, 10th 1.40
Wind the flight blew from every point.

Tuesday 28 NW high 40, 46, 36 Fair.
Wind varied from South to North west.
Began to gather Indian corn.

Wednesday 29 NW 28, 36, 24 Fair. In evening small fogg rose in low ground.

Thursday 30 SW 19, 42, 31 Fair.

Friday 31 S. 28, 49, 45 Fair.

Summary for this month

The thermometer at the highest was 73, at the lowest 19, it averaged 44 1/3.
The wind was West 3 days, South West 7, South ~~East~~ 6 South East 1, East 1, North East 2 & North West 11 days.
It was fair 25 days, ~~[illegible]~~ cloudy 6; fogg in 7, rain 5 & hail on 1 day.
Of rain there fell 9, 10th 1, 40th

Saturday 1. N℄ 45, 47, 42, Cloudy Rain

Finished my Indian corn harvest. Tis good.
Tied up my cattle in the barn for the first time this autumn.

Sunday 2 N℄ high 42, 32, 31 Cloudy Rain Snow, Hail.
Rain last days 2 Inches 2 10th 1 20th 1 40th Snow 5. 10th Moon quartered 1h. 11m. am.

Monday 3, N℄ 30, 37, 33 Cloudy - Snow all dissolved.
Wild geese flying South West.

Tuesday 4 N℄ 31, 38, 29 Cloudy.
Wind varied from N.E. to S.

Wednesday 5 NW 30, 42, 32 Fair.
Wind varied from N.W to S.

Thursday 6 S. 27, 50, 49 Fair - Bees flying abroad.
Weningrain 1. 8th

Friday 7 SW. 49, 61, 50, Fair
Wind varied from S. to North West.
Before sunrise fogg over river Brook & low Land

Saturday 8 S. 42, 56, 44 Fair. Wind varied from S to S.E. Morning & evening fogg in low Land - great dews. Moon changed 9h. 24m. am. Same time an eclipse of the sun but invisible. night thick fogg.

Sunday 9 S℄ 42, 60, 57 Cloudy Foggy.
At 3 O'Clock thermometer 66.
Bees out - frogs singing.

Monday 10, S. 57, 66, 58 Cloudy. Wind varied from South East to South. Bees out at work.

Tuesday 11. S. 53, 69, 63 Fair.
Morning in the low land a heavy fogg rose after day light. Wind varied from S. to S.E.
Bees abroad - frogs singing in the night.
Weningrain a very little.

Wednesday 12. S. 63, 71, 66, Cloudy. Bees out.
Wind varied from S. to S.E. Rain a little.

Thursday 13 W. 42, 49, 39 Fair. Bees out.
Wind varied from S. to N.W.

Friday 14 NW 31, 46, 37 Fair.

This season I save any walnuts, beech nuts or acorns.

Saturday 15 S. 36, 46, 43 Cloudy Rain 1. 10th
Moon quartered 3h. 1m. P.M.

Sunday 16 NW high 36, 44, 32 Fair.

Monday 17 E. 27, 40, 31 Cloudy - Hail - rain
Snow 1. 16th
wind blew from every point of the compass.

Tuesday 18 N℄ 40, 37, 39 Cloudy Rain. 10th 26th
a very dark day. Rain three days 2 inches 2 1

Wednesday 19 NW high 35, 40, 30 Fair.

Thursday 20 NW 27, 38, 28 Fair.

Friday 21. SW 30, 36, 25 Fair Wind varied from South west to West.

Saturday 22, N℄ 25, 32, 28 Cloudy, Snow 1 Inch 5. 10th
Moon & 7 Stars passed each other.

Sunday 23 NW 22, 33, 18 Fair, Moon full 5h. 5m P.M.

Monday 24 NW 12, 19, 10 Fair.

Tuesday 25 SW 10, 37, 34 Fair.

Wednesday 26 NW 30, 35, 25 Fair.
Wind varied from N.W. to South.

Thursday 27, SW. 18, 43, 34 Fair.
Wind varied from West to South.

Friday 28 SW 28, 45, 35 Cloudy. Snow all gone.

November 1817.

Saturday 29 S.W. 28, 48, 35 Fair

Sunday 30 N.E. 37, 46, 38 Cloudy little rain.

Wind varied from N.E. to N.W.

Summary for November

The thermometer at the highest was 71, at the lowest 10, it averaged 35 & 1/3.

The wind was West 1 day, South West 5, South 6, South East 2, East 1, North East 7, & North West 8 days.

It was fair 17 days, cloudy 13; rain in 9, Snow 3, Hail 2 & fogg 3.

Of rain there fell 4 inches 6, 1 10th & 1 40th & 1 80th

Of snow 2 inches one tenth.

Summary for Autumn.

The thermometer at the highest was 86, at the lowest 10, it averaged 46 1/3 & little more.

The wind was West 6 days, South West 15, South 20 South East 8, East 5, North East 13, North 1 and North west 24.

It was fair 63 days, cloudy 28, foggy in 7, rain 24, thunder 3, lightning 5, Hail 3, & Snow 3.

Of rain there fell 7 inches 4 10th 2 20th

Of Snow there fell 2 inches 1 10th

December 1817.

Monday 1 N.W. high 36, 40, 32 Fair. Moon quarter 3h. 31m. even.

Wind varied from N.W. to South West.

Tuesday 2 S. 29, 43, 51 Cloudy Rain 1 inch 3 10ths

Plowed grass ground to day.

Wind varied from S.W. to S.E. & in the evening was high.

Wednesday 3 N.W 33, 41, 21 Fair. People plowing.

Wind varied from S.W to N.W.

Thursday 4 S.W 16, 27, 23 Fair

Wind varied from S.W to N.W.

Friday 5 N.W. 10, 27, 19 Fair.

Wind varied from N.W to S.W.

Saturday 6 N.W 14, 24, 15 Fair.

Wind varied from N.W to South.

Sunday 7. E. 6, 28, 15 Fair

Wind varied from N.E to S.E & S.

Monday 8 S.W 8, 29, 23 Fair. Moon changed 7h. 25 m. a.m. Wind varied from S.W to S.E.

Tuesday 9 S.W 25, 44, 34 Fair.

Wind varied from S.W to S.E.

Wednesday 10 N.E. 33, 38, 33 Cloudy. Night rain

Wind varied from N.E to S.E.

Mars for sometime past has appeared very large & luminous – is nearer the earth than it has been for more than a century past – began to recede on monday.

Thursday 11 N.E. 25, 21, 18 Cloudy. Snow, hail } 3 inches

Friday 12 N.E high 18, 22, 18 Cloudy Hale, Snow } 3 inches

Killed my fat ox wt 1004 lbs.

Saturday 13, E. 20, 29, 28 Cloudy.

Wind varied from N. to S.E.

Decr 1817

Sunday 14 E. 24, 33, 36 Cloudy Fogg, Rain

Monday 15 S. 41, 43, 32 Cloudy Fogg Rain 1 inch 4 10th 6 10th days.
Moon quartered 7 h. am.

Tuesday 16 NW 22, 29, 25 Fair.
Wind varied from N.W to S.

Wednesday 17 NE 23, 30, 29 Cloudy, Snow 5 10th

Thursday 18 S. 19, 31, 31 Fair. Evening Snow 1 inch 5. 10th
Wind varied from S.W. to S. E.
Rain in the night 1. 20th

Friday 19 SW. 34, 39, 31 Fair
Wind varied from S. W. to N. W.

Saturday 20 SW. 20, 32, 19 Cloudy.
Wind varied from N.W to S.

Sunday 21, NW. high 15, 14, 7 Cloudy little snow
Moon & 7 Stars passed.

Monday 22 NW. 2, 7, 5 Fair

Tuesday 23 W. 9, 26, 19 Fair. Wind varied from W. to S. W. Moon rotted 11 h. 59. a. m.

Wednesday 24 SW. 15, 33, 33 Cloudy.
Wind varied from S.W to South.

Thursday 25 SW 38, 47, 37 Cloudy- Rain 1. 10th
Wind varied from SW to S. & thence from S. to NW.

Friday 26 NW 31, 33, 28 Fair. Snow mostly gone.

Saturday 27 NE 24, 32, 32 Cloudy
Wind varied from NE. to E.

Sunday 28 SW. 32, 40, 28 Cloudy
Wind varied from E. to S. W.

Monday 29 S. 30, 40, 33, Cloudy.

Tuesday 30 E. 32, 41, 31 Cloudy Night snow 1 inch 5 10th
Wind varied from N E to E.

Wednesday 31 W. 30, 39, 31 Fair
Moon quartered 2 h. 20 m. am.
Wind varied from West to North West.

Summary for December.

The thermometer at the highest was 51, at the lowest 2, it averaged 27 & a little more. South 4
The wind was West 2 days, South West. 8, East 4,
North East 5, & North West 8.
It was fair 15 days, cloudy 16; it rained 5 days,
Snowed 7, Hail 2, Foggy in 2 days.
Of rain there fell 2 inches 8, 1 20th
Of snow there fell 6 inches 5. 10th

Summary for the year 1817.

The thermometer at the highest was 91, at the lowest 19 below zero; it averaged it averaged 43 & 1. 12th
The wind was West 30 days, South west 57,
South 50, South East 31, East 18, North East 54, North 9, North West 116.
It was fair 234 days, cloudy 131; Rain in 82 days
Snow 38, Thunder 13, Lightning 16, hail 7, and fogg in 34 days.

Note The foggy weather was principally at Concord where I was at the time; but the atmosphere at Epping was as much free from it. The other parts of the

December 1817.

the journal except as to fair, cloudy & thunder & lightning, altogether relates to Spring.

Of rain there fell 2 feet, 6 inches, 7 10ths 1 20th 1 40th & 1 80th

Of snow there fell 8 feet 2 inches 5. 10ths

Notes

Sun 21 The thermometer near Elliott's mills in the vicinity of Baltimore in the morning was 4 below zero.

at Detroit 10 below, Wooster 8, Zanesville 4, below, Cincinnati 6. Milledgeville 22 Augusta 24 above zero. The distance between Detroit & Augusta is about 650 miles.

20th at Cambridge M 15, Lexington 14 5.

21 ditto — 16 ditto — 1.

January 1818.

Thursday 1. W. 24, 40, 28 Fair

Wind varied from NW to S.W.

Friday 2 SW 25, 42, 32 Fair - Wind from NW to SW.

Saturday 3 S 30, 36, 34 Cloudy Rain 5 10ths 1 40th.

Wind varied from S.W. to S.E.

Sunday 4 NW high 29, 27, 18 Fair

Monday 5 SW. 14, 27, 23 Fair. Even. frost 1. 10th

Tuesday 6 SW 24, 32, 28 Fair Moon change 6h. 52m PM

Wednesday 7 NW 32, 39. 28 Fair

Thursday 8 NW 10, 31, 18 Fair.

We have had no sleying - yet it is hard for more than 20 days been a solid continued pretty good from Hanover to Concord, & tolerable from there to Epsom - & even from there to Nottingham people with some difficulty still pass in sleys. I have for some years observed that in the winter when on land we have as soon as you rise the hills of Nottingham they have seen the we have none south of them.

This evening I eat an apple that grew in my orchard in 1816 - it has been in my cellar 15 months - & tho withered was sound, but had lost its flavor.

Friday 9. NE 12, 21, 20 Cloudy. Snow in the night 3 inches

Wind varied from N.E. to East.

Saturday 10 E 20, 33, 28 Cloudy. Snow 4 inches

Sunday 11 NW 19, 16, 4 Fair. Wind from NW to W.

Monday 12 SW 4, 21, 7 Fair Wind from W. W to S.

Tuesday 13, NW 10, 18, 4 Fair.

Wednesday 14 W. 1, 20, 5 Fair. Moon quartered

2d h. a.m. Wind varied from S.W. to N.W.

Thursday 15. W 0/2, 24, 19 Fair.

Friday 16. S.W. 17, 31, 33 Cloudy.

Saturday 17 W. 25, 30, 18 Fair Moon & 7 Stars together. Wind varied from S.W to N.W. In night a bright circle round the moon.

Sunday 18 S.W. 30, 44, 35 Fair

Wind varied from S. to N.W. near half the fields bare.

Monday 19 S. 25, 40, 35 Cloudy. Night rain 1.20th 1.40th

Tuesday 20 N.W 30, 28, 16 Fair.

Wednesday 21 N.E. 6, 11, 13 Cloudy.

Thursday 22. S. 17, 31, 33 Cloudy.

Wind varied from S. to N.W, and in the night it blew very high from the N.W.

Moon fulled 5 h. 42 m. a.m.

Friday 23 N.W high 0, 7, 1 Fair.

Saturday 24 N.E. 1, 4, 0 Cloudy. Snow 5 inches.

Wind varied from W to E & from thence to N.E.

Sunday 25 E. 5, 15, 7 Cloudy

Wind varied from N.E to E.

Monday 26 E. 9, 24, 20 Cloudy Snow 2 inches ~~5 10th~~

Wind varied from N.E to S.E.

Tuesday 27 N.W 24, 31, 26 Fair night snow

On the 12th in the morning at Bangor Me the thermometer was 23 below zero.

~~Wednesday~~ 28 N.E 24. 31, 27 Cloudy, Snow, both days 1 foot 2 inches.

~~Thursday~~ N.W 16, 31, 11 Fair moon quarted 11 h. 58 m. a.m.

Wind varied from S.W. to N.W.

Friday 30 N.W 0/13, 2, 0/7 Fair.

Wind varied from N to N. E.

Saturday 31. N.E strong 0/8. 2, 3. Cloudy.

Summary for this month

The thermometer at the highest was 42, at the lowest 13 below zero; it averaged 19 & 1/3.

The wind was West 4 days, South West 6, South 3, East 3, North East 5, North West 10 days.

It was fair 19 days, cloudy 12; it rained in 2 days & snowed in 7 days.

Of rain there fell 6 10th of an inch

Of snow there fell 2 feet 6 inches 1.10th

On the 30th at Portsmouth N.H. the thermometer stood at 7 O'clock a.m at 14 below zero, at noon 10 above, at 9 P.M 4 below zero.

At Plattsburg (N.Y.) at 8 o'clock a.m. it stood at 18 below zero.

The same day there fell 18 inches of snow at Petersburg Virginia, the wind there was N.E. & strong

12th The Snow & ice in the city of New Orleans was so deep as that sleys run.

Raleigh N.C. 27th people planting peas - frogs singing, but on the 30th & 31 there fell 1 foot of snow, which was followed with a rain that dissolved it.

At Montreal, Ca 29th the thermometer at 7 A.M. was 31 below zero 30th 32, & 31st at 29 Wind N.

At Amherst N.H. the 30th 22 below zero.

Sunday 1 N. 5, 16, 5 Fair
Wind varied from NE to S.E.
Monday 2 NW 0, 19, 10 Fair Wind varied NW to NE
Tuesday 3 NE 5, 26, 25 Cloudy - night a violent snow storm - wind high & rain.
Of snow there fell 6 inches
of rain there fell. 1 inch 5.10ths
Wednesday 4 W. 36, 35, 27 Fair - little rain.
Wind varied from S.E. to N.W.
Thursday 5 S. 25, 31, 25 Cloudy } Moon changed 6 h. 54 m. a.m.
Wind varied from S. to S.W.
Friday 6 W. 9, 19, 7 Fair. Wind varied from NW to S.W.
Saturday 7. SW 0, 28, 18. Fair Snow 1 10th
Wind varied from S. to NW.
Sunday 8 SW 10, 31, 20 Cloudy
Evening snow 2 inch. 5.10th after the snow distant lightning in the East, but small & weak - the night fair wind NW & high.
Monday 9 NW high 0, 7, 0 Fair. Snow flew much
Tuesday 10 NW 0/8, 0/2, 0/11. Fair
Wind varied from N.W. to W.
Wednesday 11 SW 0/21, 10, 0 Fair. Wind varied from S.W to South.
Thursday 12 SW. 0/8, 19, 7 Fair. } Moon quartered 11 h. 18 m. P.M.
Wind varied from SW to South.
Friday 13 W. 0/3, 21, 14 Fair. Wind from NW to South.
Saturday 14 E 18, 31, 25 Cloudy Snow 2 inches 5 10ths
wind varied from NE to S.E. Moon & 7 stars together.
The storm on the 3d instant was severe, the wind high & did considerable damage on the sea coast.
Sunday 15, NW high 18, 27, 6 Cloudy little snow

Monday 16, NW 0/7, 5, 0/2 Fair.
Tuesday 17. NW. 0/7, 18, 4 Fair.
On the 11th in the morning the thermometer at Concord NH. within doors was 19 1/2 below zero - on the 18 18 1/2.
At Boston the 11th 14 below zero.
~~At Boston on the~~ NH 15 ditto.
Wednesday 18, NW 11, 30, 18 Cloudy
Wind varied from SW to N.W.
Thursday 19 E 8, 18, 2 Fair
Wind varied from NE to S.E.
Friday 20. S. 0/6, 34, 21 Fair. little snow
Wind varied from W to S.E Moon fulled 8 h 45 m. a.m.
Saturday 21 S.W 21, 48, 22 Fair.
Wind varied from S. to NW.
Sunday 22 NE 14, 15, 12 Cloudy, Snow 3 inches
Monday 23 NW 10, 19, 3 Fair
Wind varied from NW to S.W.
Tuesday 24 NE. 7, 21, 21 Cloudy Snow 8 inches 5.10ths
Wind varied from NE to N.
Wednesday 25 NW 15, 34 29 Fair
Thursday 26 NW high 6, 10, 0/3 Fair.
On the 11th at Albany the thermometer was 13 below zero by those which were correct other said 32; others claiming great correctness fix it at 34.
Friday 27 SW high 0/10, 28, 30 Fair.
Moon quartered 7 h. 43 m. P.M.
Saturday 28 SW. 33, 51, 37 Cloudy

On the 10th at Sackett Harbor NY at sunrise the thermometer stood at 33 below zero.

Febuary 1818.

Summary for this months

The thermometer at the highest was 51, at the lowest was 21 below zero, it averaged 14 3/3.

The wind was West 3 days, South west 7, South 2, East 2, North East 3, North 1, & North West 10 days.

It was fair 19 days, cloudy 9; Snow in 8, rain in 2, & lightning in 1 day

of snow there fell 1 foot 10 inches 6 10ths

of rain there fell 1 inch 5 10ths

Summary for the Winter

The thermometer at the highest was 91, at the lowest 21 below zero, it averaged 25 1/2.

The wind was West 9 days, South west 21, South 9, East 9, North East 13, North 1, & North West 28.

It was fair 53 days, cloudy 37; in rained in 9 days, snowed in 22, hail in 2, fogg in 2 & lightning in 1 day.

of snow there fell ~~14 feet~~ 11 inches 2 10ths

of rain there fell 4 inches 9 10ths 1.20th

Notes

On the 10th the thermometer at Chilicothe, Ohio, was 21 1/2 low zero.

March 1818.

Sunday 1 SW. 37, 56, 40 Cloudy. Evening foggy rain

Monday 2. SW 49, 51, 37 Cloudy, foggy rain. 10th 40th

Wind varied from SW. to S. East. rain both days 1 inches 8, 1.

Tuesday 3 NW 31, 39, 30 Fair.

Wednesday 4 N&E 27, 33, 30 Cloudy Snow 4 Inches

Wind varied from N. & to East

The rain & warm weather has raised the streams & rivers very high our mills are unable to go, & Morton bridge over our river is carried away.

Thursday 5. NW high 29, 29, 19 Fair

Friday 6. NW 9, 13, 7 Fair. Saw shew at night on the N.E. part in my front yard.

moon changed 8 h. 15 m. A.M.

The late rain & thaw made a great freshet - Morton bridge was broken down but most of the timber saved - the road near Josiah Felton's house was so over-flowed with water as to render travelling dangerous

Saturday 7 NW. 4, 26, 16 Fair. Wind varied from NW to SW.

Sunday 8 SW 4. 34. 24 Fair

Wind varied from NW to SW.

Monday 9 W. 21, 47, 38 Fair.

Wind varied from N.W to S.W.

Tuesday 10 N&E 29, 37, 25 Fair

Wind varied from N& to E.

Wednesday 11 SW 21, 50, 39 Fair. Blue birds appear

Thursday 12 SW 35, 59, 45 Fair.

Pewees & Newhawks & robbins appeared Thermometer at 3 Oclock P. M. was 61. Moon 17 stars passed.

Friday 13 SW. 39, 62, 49 Fair. Blackbirds appear

For 2 days scarcely wind enough to turn the vane.

Saturday 14. SW. 39, 63, 50 Fair.
Little wind – Evening for a few minutes high
moon quartered 8 h. 24 m. P. M. Kildees & Larks appear.

Sunday 15 NW. 35, 48, 31 Fair.
Wind varied from N. W by W. to S E.

Monday 16 NW. 21, 30, 22 Fair.

Tuesday 17 N. 11, 29, 21 Fair
Wind varied from N E to N W.

Wednesday 18 NE. 15, 33, 21 Fair
Wind varied from N E. to E.

Thursday 19 S W 15, 40, 26 Fair
Wind varied from S W to S. E.

Friday 20 E 21, 46 31 Fair
Wind Varied from N E to S E.

Saturday 21 NE. 32, 42, 32 Cloudy
Wind varied from N E to S. E.

Sunday 22 NE & high 33, 35, 33 Cloudy. ~~Rain~~
Moon fulled 9 h. 17 m. AM. Wind from N E to E.
Night Rain, Hail & snow – Snow 5 10ths
Rain both days 1 inch 2 10ths 1 20th, 1 40th

Monday 23 NE 32, 36, 35 Cloudy rain

Tuesday 24 NE 32, 49, 37 Fair
Wind varied from N. to S. E.

Wednesday 25 NW high 35, 49, 33 Fair

Thursday 26 NW 24, 27, 28 Cloudy.

Friday 27 NE 24, 26, 21 Cloudy, Snow hail, &
little rain. Wind varied from N E. to S. E.

Saturday 28 N. 28, 33, 22 Cloudy Snow both days 5 inches.
Wind varied from N E to N. W.

Sunday 29 NW 18, 39, 29 Fair. Moon quartered 2 h. 53 m. AM.
Wind varied from N W to S. W.

Monday 30 S. E. 28, 45, 41 Cloudy rain 1 20ths
Wind varied from S W to S E. Wild geese appear.

Tuesday 31 NW high 32, 43, 31 Fair.
Yesterday was good sleying, to day none.

Summary for March

The thermometer at the highest was 63, at the lowest 4, it averaged 32 1/3.

The wind was West 1 day, South west 8, South East 1, East 1, North East 8, North 2, & North west 10 days.

It was fair 21 days, cloudy 10; fogg in 2 days, rain in 6, snow in 4, & hail in 2 days.

Of snow there fell 9 inches 5 10ths

Of rain there fell 3 inches 1 10th & 1 20th.

21st at Alexandria (District of Columbia) the N. E. high & did much damage to shipping & some to buildings.

April 1818.

Wednesday 1 NW high 28, 38, 31 Fair

Thursday 2 S.E. 27, 49, 31 Cloudy Snow 6 inches 5 10ths

Friday 3 NE 32, 48, 32 Cloudy rain a little Snow 2 inches 5 10ths

Saturday 4 NE 32, 34, 32 Cloudy Hail, rain 2 inches.

Sunday 5 NE 32, 33, 30 Cloudy Hail Snow, rain.

Moon changed 11 h. am. wind varied from NE to S. E.

Monday 6 NE 31, 38, 35 Cloudy rain.

Tuesday 7 NE 35, 42, 38 Cloudy, Fogg, rain.

Wednesday 8 NE 35, 33, 32 Cloudy rain Snow 14 inches.

Thursday 9 NE 34, 36, 36 Cloudy ~~little~~ snow rain.

Friday 10. NE. 33, 37, 31 Cloudy, Snow, rain.

Snow 4 inches - Rain 4 inches 8 10ths & 1 40th.

For nine days the sun was not seen.

Saturday 11. NE. 30. 48, 37 Fair. Some peoplebegan to plow.

Sunday 12 SW. 38, 56, 41 Fair.

Wind the little breathed from every point in the compass.

In the evening frogs began to sing.

Monday 13 NE 32, 48, 31 Fair

Wind varied from NE. to S.E.. Moon quartered 3 h. 7 m. P.M.

Tuesday 14 NE 32, 40, 39 Cloudy Snow a little

Plowed grass land. one man sowed wheat.

Wednesday 15 E 36, 51, 34 Fair

wind varied from NE to S.E.

Thursday 16 NE 35, 36, 35 Cloudy Little Snow rain 1 inch.

Friday 17 NW high 37, 51, 42 Fair.

Martins appear.

On the 11th peach trees were not in bloom at Washington.

Saturday 18 NE. 37, 41, 38 Cloudy, rain 1 inch.

Wind varied from NE to SE & S.W.

Sunday 19 SW 38, 40, 33 Cloudy.

Monday 20 NW 26, 41, 29 Cloudy.

Moon full 7 h. 29 m. am. - moon eclipsed.

Tuesday 21 SW 28, 47, 33. Cloudy Snow 1. 10th Frost

Ephiny to Portsmouth. Woodwalls appear

Wednesday 22. SW. 33, 43, 35. Fair. Portsmouth

Thursday 23 SW 32, 52, 35 Fair. Ports to Epping.

Friday 24 N. 37, 49, 38 Cloudy

Wind breathed from at every point of the compass.

Saturday 25 S. 34, 67. 49 Fair

Wind varied from SW. to S.E.

Sunday 26 S-W. 45, 56, 41 Cloudy Rain 1 40th

Wind from S.E. to N.W.

Monday 27 SE 37, 62, 44 Cloudy rain a little.

Wind from SE. to E. Moon quartered 10 h. 20 m. a.m. The last of the snow I. E. of my barn dissolved this day.

Tuesday 28 NE 41, 41. 36, Cloudy, Rain 6, 10th 20th 1. 1. 40th

Wind from S.E. to N.E. Swallows appear

Wednesday 29 E 33, 54, 41 Cloudy Rain 4. 10th

Many people in dry land planted Indian corn.

Wind from every point of the compass.

Thursday 30 NW 38. 51, 43 Cloudy Hail, little rain.

Wind from every point of the compass.

Summary for April 1818

The thermometer at the highest was 67. at the lowest 26, it averaged 38 2/3.

The wind was south west 6 days, South 1, South East 3, East 1, North East 14, North 1, and North west 4 days.

It was fair 9 days, cloudy 21; it snowed in 9 days, rain 15, hail 3, & fogg in 1 day.

Of snow there fell 2 feet 7 10th inches & 1 10th

Of rain there fell 7 inches, 9 10ths & 1 40th

21st The ground in the cities of New York and Washington covered with snow.

23d The ground at Buffaloe (N.Y.) was covered with snow 8 inches deep.

The crops of wheat & cotton in the southern States have been much injured by the frost.

May 1818.

Friday 1. S.W. 38, 56, 43 Cloudy, little rain
Wind from N.W to S.E.

Saturday 2. W. 43, 62, 44 Fair. Wind from every point.

Sunday 3. S.E. 49, 62, 50 Cloudy, rain evening foggy. night rain 5 2 inch 5 10th 2th
The leaves of laylock larger than mouses ears, Horse chemuts larger

Monday 4 S.E. brisk 46, 49, 39 Cloudy Rain 1 40th

Tuesday 5. S.W. 39, 49, 43 Cloudy.
Began to sow my Oats.
Moon quartered 2 h. 42 m. A.M. Sun eclipsed but invisible.

Wednesday 6. S. 39, 56, 41 Fair evening lightning in the East - rain 4 10th, 1 20th Thunder.
Began to plant my potatoes.

Thursday 7. S.W. 41, 53, 44 Cloudy little rain.

Friday 8 N.W. 40, 54, 47 Cloudy.
Wind varied from S. to N.W & back again.
Evening light in the north - not great.

Saturday 9 N.W. brisk 44, 58, 48 Fair.
Evening light in the north small.
Near half of every day for a long time past has been cloudy.

Sunday 10. S.W. 44, 65, 53 Fair.

Monday 11 S. 49, 67, 53 Cloudy rain
Epping to Epsom. 6, 10ths

Tuesday 12. N.E. 53, 49, 40, Cloudy, rain
Epsom to Concord. Bobolinks appear - Wrens, King birds Night hawks.

Wednesday 13. N.E. 48. 47. 43. Cloudy Rain 4 tenths
At Concord. Moon quartered 6h. 24m. A.M. 4 10 ths
Thursday 14. S.E. 43, 56, 45 Cloudy Rain At Concord.
Friday 15 S.W. 43, 58, 43 Fair. Concord to Pembroke
Saturday 16. S [illegible] 38, 59, 45 Fair. From Pembroke to Epping. Wind varied from S.W. to S.E.
Sunday 17 N.E. 44, 44, 44 Cloudy Rain 8 10ths
Monday 18 E 48, 58, 45 Cloudy.
Wind varied from N.E. to S.E.
Tuesday 19. S.E 44, 43, 41 Cloudy Rain } 1 inch
Wind varied from S.E. to N.E.
Wednesday 20 N.E 44, 51, 48 Cloudy Rain
Moon pulled 8h. 45 m. am.
From Epping via Hampton Falls to Portsmouth.
Thursday 21. N.E. 48, 53, 50 Cloudy Little rain. Portsmouth
Friday 22 N.E 44, 57, 49 Cloudy Little rain.
Portsmouth to Epping.
Wind varied from N. to N.E.
Saturday 23. S.E. 45. 64, 52 Fair.
Sunday 24 S.W. 54, 78, 69 Fair
Wind from S.E. to S.W. Had asparagus to eat.
Monday 25 N.W high 66, 81, 66 Fair.
Wind varied from S.W to N.W.
Blossoms appear on my cherry trees.
Tues
Wednesday 26 S.W 62, 82, 68 Fair
Wind varied from S.W to S.E. } Moon quartered 7h. 5 m. P.M.
Peach & apple tree in blossom
Planted my Indian Corn. } Washed my sheep.
Hen birds appear.

Wednesday 27. S.W 58. 85, 74 Fair
At 4 o'clock P.M. thermometer at 89.
Thursday 28 S.W 64, 82, 61 Fair.
Wind varied from S.W to N.W. Sheared my sheep
In the night the lights in the north were bright & beautiful.
Friday 29 S.W birds 56, 82, 63 Fair.
Wind varied from S.W to N.W. Finished planting potatoes.
Some of my lilacks in full bloom - Blooms of apple trees falling off. a good prospect for fruit.
Saturday 30 S.W 57, 80, 61 Fair.
Wind varied from S.W to S.
The blossoms of apple trees fall earlier than usual, from the time of blossoming.
Sunday 31. S.E. 56, 59, 55 Cloudy, Foggy rain, 1 10th
1.20th

Summary for this month

The thermometer at the highest was 85, at the lowest 38, it averaged 53.
The wind was West 1 day, South west 11. South 3, South East 7, East 1. North East 5 North west 3 days.
It was fair 14 days, cloudy 7; rain in 13, Fogg 2, lightning & Thunder 1 day.
~~Of rain there fell 3 feet 4 inches 6 10ths~~
Of rain there fell 5 inches 9 10ths 1.40th

Summary for this Spring 1818.

The Thermometer at the highest was 85. at the Lowest 4. it averaged 43 1/4.

The wind was West 2 days, South west 25, South 4, South East 11, East 3, North East 27, North 3, North West 17 days.

It was fair 44 days, Cloudy 48; Snow 13 days, hail 5, rain 34. foggy 5. lightning & thunder in 1 day. 10th

Of snow there fell 3 feet 4 inches 6.

Of rain there fell 1 foot 5 inches.

June 1818.

Monday 1 SW 58. 68. 66. Cloudy. thick foggy clear dark, rain. From Epping to Concord

Tuesday 2 SW. 64. 81. 70. Cloudy rain three 2 days 1 inch. 5th 10th Concord.

Wednesday 3. SW. 65. 83. 68 Fair. Concord. Moon changed 6h. 29m. P.M.

Thursday 4. SW. 65. 84. 73 Fair. Lightning in the evening & little rain. Concord.

Friday 5. N.W. high, 67. 80. 72. Fair. Concord

Saturday 6. NW. 65. 75. 65. Fair. Concord.

Sunday 7 NE 60. 71. 56 Cloudy. Concord.

Monday 8. NE. 54. 53. 46. Cloudy, rain 5. 10th so cold as to render a fire necessary in the Council chamber. Concord.

Tuesday 9. N. 50. 59. 58. Fair. Concord.

Wednesday 10. N.W. 56. 76. 64. Fair, evening rain 1 20th Concord.

Thursday 11. N.W. 63. 77. 70 Fair. Morning foggy. Concord. Moon quarter 6h. 17m. P.M.

Friday 12 S.W. 57. 69. 67 Cloudy rain. Concord.

Saturday 13. W. 67. 80. 60 Fair. wind varied to S.E. Concord.

Sunday 14. NE. 54. 56. 55. Cloudy. Rain 1. 20th Concord.

Monday 15. S. 53. 69. 53. Cloudy, thunder, lightning & rain 1. 10th Concord.

Tuesday 16. W. 55. 72. 64. Fair. Concord.

Wednesday 17. N. 59. 73. 51. Cloudy Rain 3. 10th Concord.

Thursday 18. N.W. 52. 65. 56 Fair. Concord. Moon fulled 10h. 44m. P.M.

Friday 19. N. 56. 71. 60. Fair. Concord.

Saturday 20, N.W. 57, 75, 67 Fair. Concord.
Sunday 21. S.W. 63, 82, 74 Fair. Concord.
Monday 22. S. 70, 77, 63 Fair Concord.
Tuesday 23. S.W. 63, 82, 72 Fair Concord
Wednesday 24 W. 67, 83, 73 Fair Concord
Thursday 25. N.W. 70, 84, 73 Fair Concord
moon quartered 6h. 2m. a m.
Friday 26 W. 56, 75, 63. Fair. Concord.
Saturday 27. S.W. 68, 86, 81, Fair Concord
Wind varied from S.W to N.W.
Sunday 28. S.W. 77, 91, 83, Fair. Concord.
Monday 29 N.W. 79, 89, 74 Fair, Concord.
Tuesday 30 S.W. 74, 93, 81 Fair. Concord to Epsom
Little thunder, lightning & rain.

28th at Portsmouth the thermometer was at 95.
29th at Boston 95 New York 95 1/2. Greenfield Ms. 101.
28th at Salem Ms Dr Holyoke's thermometer 98.
23 at Montreal Canada 7 Oblock A.M. 71.
at Quebec in the shade 94.
30 Hallowell Me in the shade 92. 28th 95.
at Concord. 27th 91. 28th 93. 29th 90. 30th 93.
30th at Boston 97.
at Portsmouth 30th 95.

The thermometer at the highest was 93, at the lowest 46, it averaged 68.
The wind was West 4 days, South west 10, South 2, North East 3, North 3, & North west 8.
It was fair 22 days, cloudy 8; fogg in 2 days, rain in 10, thunder in 2, & lightning in 3 days.
Of rain there fell 2 inches 5.10ths

Notes.

The thermometer at Charleston S.C. for this month at the lowest was 65, & the highest 93.

Wednesday 1. NW. 69. 75. 65 Fair. Epsom to Epping.

Thursday 2. W. 61. 77. 68 Fair. Wind varied & blew from gently from every point in the compass.

Friday 3. NE 60. 61. 60 Cloudy Rain. 1 20th 1 40th a.m.
Wind varied from N.E. to S.E. Moon changed 9 h. 34 m.

Saturday 4 SE 58, 69, 60 Cloudy little rain
Wind varied from N.E. to S.E.

Sunday 5 S.E. 61, 72, 63 Cloudy little rain.
Wind varied from SE. to S. Evening foggy.

Monday 6 SE 64. 84, 65 Fair Foggy.
Wind varied from SE. to S.

Tuesday 7 S.E. 65, 78, 65 Cloudy Foggy.
Wind varied from SE to S. Night rain 3 10th 1 40th thunder lightning.

Wednesday 8 S.W. 65, 83, 79 Fair.
Wind varied from SW to N.W.

Thursday 9 SW. 72. 88, 71 Cloudy, distant thunder & little lightning. Wind varied from E. to N.W.
Evening small light in the North. Cucumbers in blossom.

Friday 10 SW 66, 83, 76 Fair.
Wind from E. to SW.

Saturday 11 SW 72, 92, 86 Fair. at 5 O Clock P.M the thermometer was 99. at Concord 95.
Wind varied from S.W to N.W. sometimes it was high at others scarce: a breathe moved the leaves.
Moon quartered 2 h. 41 m. A.M. Small lightning Evening.

Sunday 12. SW. 76, 91. 82, Fair.
Wind varied from SW. to N.W. Lightning in the South in Even.

Monday 13 SW 69. 79. 71 Cloudy little rain.

Tuesday 14 SW. 62, 84, 75 Fair.
Evenings & mornings appear smoky.
Began my haying.
Note 1st thermometer at Hallowell Me. in the shade 95

Wednesday 15. NW brisk 65, 67, 56 Fair.
At 8 a.m. the wind veered to the N.W. was fresh & in a few minutes the sun appeared red, & the atmosphere was darkened, & continued so for the day, with a dense cloud of smoke. so great a change rendered fire in the sitting room comfortable in the evening; & thicker clothes necessary all the afternoon.
There has been no fires in the woods. that I have heard or seen.

Thursday 16 N.W. 62, 77. 66 Fair
Wind varied from NW. to S.W. Even cloudy.

Friday 17. S. 67. 74. 62 Fair.
Wind from E. to S.W. Moon fulled 5 h. 30 m. A.M.

Saturday 18. S. 56, 85, 67 Fair Epping to Portsmouth.

Sunday 19. S. 63. 76. 70. Cloudy fogg, rain 1 10th Portsmouth.

Monday 20. S. 70. 83. 73 Cloudy little rain. Portsmouth

Tuesday 21. S. 72. 85. 72 Cloudy, fogg thunder & lightning at a distance, rain. Portsmouth to Epping.

Wednesday 22 S. 68, 83, 71 Fair. My corn began to spindle. Had cucumbers to eat.
Note, on the 10th the thermometer at Philadelphia was 102.
Rain these two days 2 inches 2 10th 1 20th

Thursday 23 SW. 66, 81. 69 Fair. Potatoes begin to blossom

Friday 24. SW 63. 83, 70 Cloudy, distant thunder & lightning, rain 1 40th
Moon quartered 7 h. 49 m. P.M.

Saturday 25 SW 62. 77. 69 Fair. Wind varied to N. W.

Note The 6th the thermometer at Greenfield Mt. 101.
13th at New York 102.

Sunday 26 SW 62, 83, 70 Fair.
Wind varied from E to S.W. & N.W.

Monday 27 S. 64. 83, 69 Fair. at 3 PM. 86.
Wind from E to S.W. Even. distant lightning in N. E.
Morning foggy - many webbs on the ground.

Tuesday 28. NW 67, 80, 74 Fair wind brisk.
Grass hoppers plenty in pasture land.

Wednesday 29, NW brisk 67. 79. 69. Fair. Little rain.

Note, The 12th the thermometer at Philadelphia & Baltimore in the shade was 102, at Boston 97.

Thursday 30. S.E. 61. 81. 68 Fair Even. cloudy & lightning in the West - Night rain 1.40th

Friday 31 S. 68, 87, 74. Fair. Morning foggy.
at 4 it was 89.

Summary for this month.

The thermometer at the highest was 92, at the lowest 56, it averaged 71 1/3 & more.

The wind was West 1 day, South West 11, South 8, South East 5, North East 1, & North West 5 days.

It was fair 21 days, cloudy 10; rain 11, fogg 7, thunder 4 & lightning in 8 days.

Of rain there fell 2 inches & 8.10ths

Saturday 1, W. 70, 82, 72 Fair.
Wind varied from S.W. to N.W.
Moon changed 11 h. 38 m. P. M.

Sunday 2 S.E. 65, 82, 67 Fair.

Monday 3 S. 64, 83, 70 Cloudy distant thunder & lightning - rain 8.10ths 1.20th wind varied from S.E. to NW.
Small Aurora Borealis in the evening.

Tuesday 4 NW. 65, 79, 69 Fair.
Wind varied from NW to S.W.
Small Aurora Borealis in the evening.

Wednesday 5 SW 63, 83, 74 Fair.

At 8 Minutes before 7 O'Clock AM. there was a sudden shock of an earthquake, its report was lend resembling thunder - its course was from West to east - its seat appeared north of us. The atmosphere was cloudless, & little air to be felt - what wind was from the S.W. I was shaving myself, but in an instant was out in the open air to observe the course of the sound. Some think this was an air & not an earthquake. See p. 404

Wind varied from NW to S.W.

Thursday 6. NW high 64. 72. 58 Fair.
In the morning the wind was SW. cloudy & little rain but then veered to NW.
In the evening small lightning in the South at a distance.

Friday 7. N.W. 52, 69, 57 Fair.

I ought to have noted some days since that the insect called slugs have appeared in my orchard in vast numbers. This is the first time I ever witnessed their appearance in this town.

To day I finished the ingathering of my hay & oats.
The day was more than usually good both in quantity &

& quality; & the weather for getting it has been peculiarly favorable.

My Oats, tho' sowed on rich land, were of little or no value. The straw was small & the grain so blighted as not to be worth thrashing. The grain in quantity & weight was less than the seed sowed.

My wheat was entirely destroyed, by an enemy that I have never before seen in this town. The Hessian fly— from a bushel sowing none was left for the sickle or flail.

The season has abounded with strawberries, rasp= =berries, mulberries, whortleberries; but no stone fruit, such as cherries, peaches & have existed.

Saturday 8. SW 50, 72, 62 Fair.
In the morning wind N.W. clear before noon S. afternoon hazy. Birds begin to associate in flocks, Bobolinks & Swallows.
The earth in dry-weather low-pastures fail.

Sunday 9 S&E. 54, 77, 64 Fair.
Wind from W. to E. & from E. to S.W.
Moon quartered 9 h. 39 m. A. M.

Monday 10 SW. 56, 81, 65. Fair Epping to Portsmouth

Tuesday 11 SW 63, 85, 68 Fair Portsmouth.

Wednesday 12 SW 65, 86, 79 Fair. Portsmouth to Epping.
Wind varied from NW. to SW.
Note I made mention on the 5th of an Earthquake; but I believe it was an airquake— for was heard the same morning at 4 o'clock but not so loud— That I heard was heard at Portsmouth but not so loud as at Epping. It was not heard 40 miles N.W. from Epping.

Thursday 13. SW. 69, 85, 69 Fair. at 4 o'clock P.M. 90.
Wind varied to S. E.
Morning & evening cloudy. Thunder & lightning in the evening distant— rain 1.20th

Friday 14. NW high 64, 76, 69 Fair
Wind varied from SW to N.W.

Saturday 15 N.W 54, 74, 63 Fair
The wind varied but little to day.

Sunday 16 NW. 54, 76, 68 Fair. Moon full 1 hour, 21 m. A.M. Wind varied from N.W. to S.W. Began to cut slaughter for my fat cattle.

Monday 17 NW high. 52, 65, 53 Fair.
Wind varied very little.

Tuesday 18 NW 48, 70, 56 Fair
Wind varied from NW to S.W. the afternoon most of the time— sometimes S.E.

Wednesday 19. S. 48, 78, 57. Fair.
Wind varied from NW to E. For two night great dew.

Thursday 20 S&E. 57, 77, 62 Cloudy. Night rain 1.40th
Wind varied from SW. to E.

Friday 21. SW. 63, 85, 69 Fair.
Wind varied from S.E. to N.W. Evening distant Lightning in the East & in the North.

Saturday 22 NW brisk 62, 77, 64 Fair.
Wind from SW to N.W.

Sunday 23 NW brisk 56, 71, 59 Fair
Wind S.W. N. & E. moon quartered 0 h. 28 m. P. M.

Monday 24 S.E. 53, 78, 58 Fair
Wind at every point— afternoon hazy, even. cloudy.

Tuesday 25 S&E. 57, 84, 61 Cloudy Rain 1.10th 1.20th
Morning foggy— noon rainy— wind N. & E. S. E.

Wednesday 26. S. 58, 74, 59, Fair.
Morning dark with fogg - Wind SE, S. SW. Even. without clouds. Dew great.

Thursday 27 S E 53, 73, 59 Fair.
Morning foggy - Even. cloudy wind from SE. to S. W.

Friday 28, S E 51, 69, 58 Cloudy.
Morning foggy - Wind from E. to S. W. No dew last night, but much fell this morning after the sun rose.

Saturday 29. S E 56, 76, 58 Fair.
Wind NE. to S.W. A portion of the day cloudy.

Sunday 30 S. E. 54, 72, 60 Fair.
Morning foggy - near half the day cloudy - Wind E to SW.

Monday 31 SW 58, 76, 59, Fair.
Morning cloudy - rainbow in the west - Wind from E to S. W.
New moon 0h. 44 m. P. M.

Summary for August.

The thermometer at the highest was 86, at the lowest 48, it averaged 65 2/3d.
The average at 6 O clock was 58 & a fraction, at 10 O clock 76 1/3 & a fraction, ~~at~~ 9 O clock 63 & a fraction.
The wind was West 1 day, South West 9, South 3, South East 9, & North West 9 days.
It was fair 27 days, cloudy 4; Thunder in 2, Lightning 3, Rain 5, & fogg in 5 days.
Of rain there fell 1 inch 1 20th & 1.40th

Summary for Summer.

The thermometer at the highest was 93 at the lowest 46 it averaged 68 1/3d.
The wind was West 6 days South West 30, South 13, South East 14, North East [illegible] North 3, & North west 22 days.

It was fair 70 days, cloudy 22; rain in 26, fogg 14, thunder 8, & lightning in 14 days.
Of rain there fell 6 inches 3.10th 1 20th & 1.40th

Note

No frost during the summer.

Augt 25th Charleston S. C. At sunrise yesterday morning the thermometer sunk to 80 degrees, which is lower than it has been since the 7th June last 2 1/2 months - an almost unexampled continuance of steady heat.

September 1818

Tuesday 1 SW 55. 82. 64. Fair

Wind from every point - mann. foggy, cloudy - even.

lightning in the North & North East.

Wednesday 2 SW. 56. 77. 60. Fair. Epping to Portsmouth.

Even. foggy - little distant lightning. Wind from every point.

Thursday 3 NW. 53. 79. 65 Fair. Portsmouth.

Wind from S.W. to N.W.

Friday 4. NW high 56. 71. 61 Fair Portsmouth to Epping

Wind varied a little part of the day from NW to SW.

Saturday 5 S.E. 48. 75, 59. Fair.

Wind varied from S.E. S.W.

Sunday 6 SE 56. 77. 56 Fair Wind from SE to SW

Morning foggy, cloudy. Had a Watermelon wt 9 lb 1 oz.

Monday 7 SE 55, 76. 63 Fair.

Morning small foggy - cloudy near half the day, Little rain

Moon quartered 3 h. 25 m. P.M.

Tuesday 8. NE 62. 62. 56 Cloudy, rain

Wind in the morning S. E. E. Wild geese flying to the Westward. In the night wind strong.

Wednesday 9 NE high 54, 55, 55 Cloudy Rain

Wind from NE. to N. Had a fire in my office, the first since May.

The rain there two days 3 inches 2 10th & 1. 20th The ground before this rain was very ashy dry & hard - vegetation had nearly ceased.

Thursday 10 NW brisk 54, 64, 54 Cloudy.

Wind varied slightly from NE to W a part time about 1 1/4 of the day it was fair.

Friday 11 NW. 48. 69, 58 Fair.

Variation of Wind N, NW, W. SW slight & for few moments.

Took my bees - they have in general done well this year the quantity of honey is great & the quality good.

Saturday 12. SE. 48, 57. 47 Fair. Epping to Portsmouth

Wind varied from N.E. to S.E.

Sunday 13. S.E. 45. 60. 51 Cloudy - night raining. Portsmouth

Wind varied from S.E. to SW.

Monday 14 S.E. 52. 63, 55 Cloudy, rain this 2 days 1 inch 1. 10th The appearance to rain 2 or 3 hours. Wind varied from S.E. to W. Moon full N h. 30 m. am.

Portsmouth to Epping.

Tuesday 15. SE. 55. 71. 61 Cloudy - foggy.

Varied of Wind SE - E - NE. Morning foggy - mid-day rain shower, evening considerable thunder much lightning & rain 2 10th 1 40th

Wednesday 16. SW 62, 66, 52 Cloudy rain.

The wind varied so much that it is difficult to say with certainty which was most prevalent - it blew from every point in the compass.

Thursday 17. NE 57, 53, 52 Cloudy rain 1 inch. 1. 20, 1. 40th

Winds variation SE - E - NE - NW.

The grasp & vines of potatoes became verdant.

Friday 18. NE 47. 63, 54 Cloudy. Evening rain - Epping to Portsmouth.

Saturday 19 NE. 53, 56. 62. Cloudy Rain this 2 days 4 inches.

at Portsmouth. Variation of Wind NE. to S.E. - Even. light. Moon & 7 stars passed each other. Began to make cyder.

Sunday 20 S.W. 63, 64. 53, Fair. Portsmouth. Evening northern lights. Wind varied from NE. to S E & SW.

Monday 21. SW 47, 54. 48 Cloudy Rain 1. 20th

Wind varied from SE to S.W. - NW. Portsmouth to Epping.

Aurora Borealis in the evening.

Tuesday 22 NW. 49, 64, 53 Fair wind high

Variation wind N.W. to S.W.

Moon quartered 7 h. 12 m. a m.

Wednesday 23. NW. 43, 58, 46 Fair.
Wind varied from N. W. to N.

Thursday 24 NW 41, 64, 59 Fair.
Wind varied from NW to W. & to SW.
In the night a little rain.

Friday 25. NW 55, 75, 60 Fair.
at sunrise thunder, lightning rain 1.10th
Wind varied from SW. to N. W.
Finished picking apples - began to dig potatoes.

Saturday 26. NW 45, 60, 48 Fair.
Wind varied from N. to S. W. Frost in the night but not so as to kill but few vines of pumpkins.
Evening, the Aurora Borealis formed a bright & beautiful bow, in form resembling a rainbow, & it continued long.

Sunday 27 NW. & Shory 38, 55, 46 Fair.
Wind slight variation from NW to S.W.
Small Frost in the night.

Monday 28 NW brisk 37, 55, 46 Fair
Wind varied slightly to S.W.

Tuesday 29 NE 41, 61, 46 Cloudy
Variation of wind NW, N. NE. E. SE & SW. Sun shone a few hours. Moon changed 1 h. 4 m. a.m.

Wednesday 30 NE 46, 61, 46 Fair - wind varied from N to NE, E. & S. E.

Summary for this month.

The thermometer at the highest was 82, at the lowest 37, it averaged 56 1/3
The average at 6 O'clock was 50 1/3 - at 1 O'clock 66 1/4 nearly & at 9 O'clock 54 1/2 & more
The wind was South West 5, South East 6, North East 8, & North West 11 days.
It was fair 18 days, cloudy 12 days; foggy in 4 days, lightning

lightning in 4, thunder in 2, & rain in 13 days
Of rain there fell 9 inches, 8 10th 1 20th

Thursday 1 S.E. 36, 63, 51. Fair.
Wind varied from N.E. to South.

Friday 2 S. 41, 67, 51 Fair. Variation S.E. to S.W.
Finished cutting my storks - they were cut only as fast as my fat cattle would eat them.
There was an earthquake in the night.

Saturday 3. S.E. 47, 60, 58 Cloudy, foggy Rain 1 inch 7.10ths
Variation of wind from E to S.E. & from thence to S.W.

Sunday 4. S.W. 56, 69, 59 Fair.
Wind's variation from S.W. to S.E.
Broke off in my garden 4 watermelons that weighed 54 lb the largest weighed 14 1/4 lb.
In the evening distant lightning & thunder in the East.

Monday 5 S.W. brisk 44, 52, 44 Cloudy.
Wind's variation from South to N. West.

Tuesday 6th N.W. 35, 46, 38 Cloudy.
Winds variation from N.W. to N.
Moon quartered 9 h. 21 m. P.M.
Finished making cyder - made 11 barrels this year. The apple trees blossomed in great abundance - but the months of May & June were so very wet, & forced such an abundance of sap into em as blighted & destroyed the apples - but pears were plenty.
The frost last night killed pumpkin vines & potatoe vines.

Wednesday 7 N.W. 31, 58, 48. Fair. Night light in the North.
Wind varied from N.W. to S.W. Light in the North.

Thursday 8 S.W. 38, 67, 56 Fair.
Wind varied from S.W. to South.

Friday 9 S.W. 48, 70, 53 Fair. Night dew great.
Wind varied from S.W. to S.E.

Saturday 10 N.E. 47, 61, 50 Fair. Morning foggy
Wind varied from N.E. to S.E.

Sunday 11. S.W. 46, 70, 57 Fair.
Wind varied from S.W. to S.E. & to the East
afternoon principally hazy & cloudy. Nights for sometime past cloudless & scarce a breath of wind moving.

Monday 12. S.W. 49, 72, 55 Fair.
Cloudy near half the day - Wind varied from S.E. to S.W. & near night to N.W.

Tuesday 13. N.E. 49, 52, 45 Cloudy
Sunshine several hours. Wind varied from N.E. to S.E.

Wednesday 14, N.E. 46, 47, 45 Cloudy - Rain 3, 10th 1, 20th & 1. 4
Moon pulled 6 h. 45 m. a.m. ~~Moon & 7 stars passed.~~

Thursday 15 S.W. 46, 63, 52 Cloudy - Sun shone 4 hours
Wind varied from S.W. to South.

Friday 16 S.W. 46, 61, 51 Fair. Morning foggy.
Wind varied from E to S.W. Moon & 7 stars passed.
Began to gather my Indian corn.

Saturday 17 N.E. 42, 61, 51 Cloudy rain 1.10th
Rain for an hour foggy - Wind varied from N.E. to S.E. & from N.E. to N.W. - Sun shone 2 hours.

Sunday 18 N. 43, 57, 46 Fair.
Wind varied from N. to N.W. - W.

Monday 19 S. 44, 59, 49 Fair. Morning foggy.
Wind varied from E to S.E. thence S. & after that to S.W.
Finished gathering my potatoes - the crop this year was not more than two thirds as large as that of the last year - this was owing to the severity of the drought in the last of summer and the first of autumn. I examined three acres at the time when potatoes are usually in blossom & I could find only three or four hills on which were any blossoms & those did not bear any apples - It has been generally said, as far as I have heard that were no apples on the potatoes vines this year. The quality of the potatoes were good - better than usual.

Tuesday 20 S.E. 37, 60, 46 Fair.
Wind varied from E to S.W.
Finished my Indian corn harvest. Corn this year was very good - it received no injury from the frost - the season has been very favorable to it. People not succeeding so well for some years past in raising corn as grain, sowed more grain & less corn this year than usual. The grain has failed this year, & corn prospered beyond the expectation of all.

Wednesday 21. S. 50, 67, 54 Cloudy - the sun shone an hour or two. Wind varied from S.E. to S.W.
night rain a little.

Thursday 22 N.W. brisk 37, 46, 31 Fair.
Wind varied from N. to W. Moon quartered 2h. 46m. am.
In the night light in the North. Water froze hard.

Friday 23 NW brisk 24, 35, 29 Cloudy - a little snow.
Wind varied from N.W. to S.W.

Saturday 24 S.W. 26, 48, 46 Fair.

Sunday 25. S.W. 39, 60, 50 Fair.

Monday 26 S.W. 41, 63, 50, Fair - Smoky.
Wind varied from SW to N.W. little wind stirring.

Tuesday 27 S.E. 38, 56, 46 Fair. Evening foggy.
Wind varied from NE to S.W.

Wednesday 28 NW high 39, 35, 36 Cloudy. Forenoon dark.
Wind varied from NE to W. Morning foggy.

Thursday 29 NW high 28, 39, 34 Fair
Small variation of wind from NW to S.W.

Friday 30 S.E. 30, 48, 37 Cloudy.
Wind varied from NE to S.W & thence to NW.
The sun shone near half the day.

Saturday 31 S.W. 37, 56, 48 Fair - smoky.
Wind varied from S.E. to W.

Summary for October.

The thermometer at the highest was 72, at the lowest 24, it averaged 48 1/3.
The average at 6 O'Clock was 40 2/3. at 1 O'Clock 57, & at 9 o'Clock 47 1/4.
The wind was South West 12 days, South 3, South East 5, North East 4, North 1, & North West 6 days.
It was fair 21 days, cloudy 10; fogg in 7 days, rain in 4, lightning 1 & snow in 1 day - & thunder in 1 day.
Of rain there fell 2 inches, 1.10th 1.20th & 1.40th

Sunday 1. SW 50, 60, 49 Fair. Evening distant Thunder & lightning.
Monday 2 NW. 43, 50, 39 Cloudy Gypsing to Concord.
Tuesday 3 NW. 30, 49, 45 Fair. Concord
Wednesday 4 S.E. 37, 49, 43 Cloudy, Rain. Concord
Thursday 5. S.E. 43, 53, 45 Cloudy. Concord.
moon quarter 4h. 40 m. a.m.
Friday 6. S.E. 45, 48, 50, Cloudy - Concord.
Saturday 7. S.E. 56, 59, 55 Cloudy - Rain 1 inch. Concord to Pembroke
Sunday 8. SW. 43, 49, 43 Fair. Pembroke to Gypsing.
Wind varied from S. to N.W.
Monday 9. NW high 35, 40, 35 Fair - cloudy 4 hours.
Tuesday 10 NW 35, 50, 43 Fair - cloudy near half the day.
Wind varied from N.W. to S.W.
Wednesday 11. SW. 40, 54, 39 Cloudy Little rain - Smoky
the sun looked red. very little if any.
Wind varied from
Thursday 12. NW 36, 45, 39 Fair - Smoky.
Moon pulled 5h. 5 m. P.M.
Wind varied from NW. to S.W.
Friday 13 S.W 30, 47, 38 Fair.
Saturday 14 SW. 37, 58, 49 Fair. Smoky - hazy.
Wind varied from SW. to South.
Sunday 15 SW 46, 62, 58 Fair. Smoky - Little rain.
Wind varied from SW. to S & from S.W to N.W.
Monday 16 NW 45, 52, 38 Fair.
Wind varied from SW. to N.W.
Tuesday 17 NW 30, 45, 31 Cloudy.
Wednesday 18 S. 30, 42, 32 Cloudy little rain
Thursday Snowing from 32, 4 Inches.

Thursday 19, NE 32, 36, 32 Cloudy snow 1.10th
Wind varied from NE to S.E.
In the morning the snow was 4 inches deep on the ground.
Friday 20 NW. 30, 37, 23 Fair
moon quarter 2h. 45 m. P.M.
Saturday 21. SW 21, 42, 32 Fair - Lazy, smoky.
Sunday 22 SW 28, 42, 34 Fair - Smoky
The last leaves on a few Lilac trees part ~~of~~ ~~these~~ ~~that~~
they fell off. Some of them were green.
Monday 23 SW. 35, 45, 49 Fair - Smoky - sun red.
Snow nearly all dissolved.
This night the wind was very high.
Tuesday 24. NW high 31, 35, 28 Fair.
Wednesday 25 NW 20, 34, 32 Fair. 10th 20th
Wind was SW. S.E. & E. Night rain 1. 1.
Thursday 26 S.W 35, 51, 50 Cloudy, foggy.
Wind E. S.E. sun appeared 2 hour - red.
In the night rain 1.40th
Friday 27 SW 40, 39, 32 Cloudy. Snow in the after=
=noon 2 inches.
Wind S.E. E. N.E. NW. Moon h. and 11 h. 43m. P.M.
Saturday 28 E. 33, 37, 37 Cloudy. Snow all dispelled.
Wind NE - E - S.E.
Sunday 29 NW 37, 39, 34 Cloudy Rain 1.20th
Wind E. SE - SW - W - NW.
Monday 30 NW high 29, 31, 24 Fair

November 1818.

Summary for November.

The thermometer at the highest was 62, at the lowest 20, it averaged 40 1/3.
The average at 6 o'Clock was 36, at one o'Clock 46, at 9 o'Clock 39 1/4.
The wind was South west 11 days, South 1. South East 4, East 1. North East 1, & North West 12 days.
It was fair 17 days, cloudy 13 days; rain in 8 days, snow in 4 & fogg in 1 day.
Of rain there fell 1 inch 2 10ths 1 40th.
Of snow there fell 7 inches 1. 10th.

Summary for Autumn.

The thermometer at the highest was 82 at the lowest 20, it averaged 48 1/3.
The average at 6 o'Clock was 42/3 at 1 o'Clock 56 1/3, & at 9 o'Clock 47.
The wind was S. West 28 days, South 4, South East 15, East 1, North East 13, North 1, & North West 29.
It was fair 56 days, cloudy 35; fogg in 12 days, lightning 5, Thunder 3, rain 25, & snow in 5 days.
Of rain there fell 1 foot, 1 inch 2 10ths 1 20th.
Of Snow there fell 7 inches 1. 10th.

November

The thermometer this month at Dawn N. N. at the highest was 64 at the lowest 25. it averaged 42.

December 1818

Tuesday 1 E. 24, 34, 27. Fair
Wind S.E-E-N. E.
Wednesday 2. N E 21. 31. 25 Fair.
Wind from N E to E.
Thursday 3. N W 18, 31, 19 Fair.
Wind varied from N E to N W - to S W.
Friday 4 N W 18, 35, 26 Fair
Moon quarters 2 h. 35 m. P. M.
Saturday 5. S W 17, 41, 31 Fair
Wind varied from N W to S W.
Sunday 6. S W strong 50, 44, 34 Cloudy Rain 2 10ths 1 20th.
Wind varied from S to S. W.
The last leaves of my Lilac bushes East of my house near it fell off.
Monday 7. S W 26, 34, 25 Fair
Wind varied from S W to N. W. Made stone wall.
Tuesday 8 N W 12, 21, 20 Fair.
Wind varied from N W to S. W.
Wednesday 9. S W 32, 37, 29. Cloudy.
Made Wall - Wind varied from S. to S. W.
Thursday 10. N E. 14, 29, 25 Cloudy.
Wind varied from E to N E from N E to N W from thence to S W - so often as to be difficult to say which was most prevalent.
Moon & 7 Stars parted each other.
Night snow.
Friday 11. N E 20, 25, 27 Cloudy Snow 3 inches.
Wind from N E to S. E.
Saturday 12 N W 18, 22, 11 Fair.
Wind varied from N W to S. W.
Sunday 13 S W 27. 18 Fair.

Monday 14 S E. 17, 22. 13 Fair.
Wind varied from N E. to S E.
Tuesday 15 SW 0, 23, 11 Fair.
Wind varied from S E to S W.
Wednesday 16, SW 13, 29, 16 Cloudy Snow 1 inch.
Wind varied from S E to S W. Sun shone 3 hours.
Thursday 17 NW. 0/1, 5, 0/4 Fair
Friday 18 NW 2, 16, 1 Fair.
Wind varied from N E to N.
Saturday 19 S W 0/2, 20, 9 Fair
Wind varied from S. W to N. W.
Sunday 20 NW 13, 31, 22, Fair. Moon quartered
2h. 48 m. P.M. Wind varied from S W to N W.
Monday 21 SW 24, 36, 27 Fair
Wind varied from NW to S W.
Tuesday 22 NW 21, 26, 7. Fair.
Wind varied from S W to N W & from thence to N. It was
cloudy near half the day.
Wednesday 23 S E 0/4, 12, 10 Fair
Wind varied from N to N E & thence to S E.
Thursday 24 N E 15, 23, 20 Cloudy
Wind varied from E. to N E - North.
Friday 25 S E 18, 26, 15 Cloudy
Wind varied from N E to E - S E & S W. fair these 24 hours
Saturday 26 N W 26, 35, 22 Cloudy Snow 1 inch
Wind varied from S W to N W. Sun shone 3 hours.
Sunday 27 N W high 5, 10, 6 Fair Moon changed 10h. 8m. A.M.

Monday 28 S. W. 12, 31, 27 Cloudy
Wind varied from S W to South.
Tuesday 29 S W. 26, 34, 32 Cloudy Snow 7. 16ths
Wind varied from S. to N. W.
Wednesday 30 S W 23, 33, 27. Cloudy Snow 1 16th rain a little
Wind varied from S W to S.
Thursday 31 N E 30, 33, 32 Cloudy Rain 4 16ths Foggy.

Summary for December

The Thermometer at the highest was 50. at the lowest 4 below
Zero - it averaged 21.
The average at 6 Oclock a.m. was 16 1/2 - at 1 Oclock P.M. 27 &
near 2/3 - at 9 Oclock P.M. 19 2/3.
The wind was South West 12 days, South East 3, East 1,
North East 4. & North West 11 days.
It was fair 19 days, cloudy 12; rain in 3 days, Snow in 6,
& fogg in 1 day.
Of rain there fell 6 10ths & 1 20th
Of snow there fell 5 inches 8 10ths

Summary for the year.

The Thermometer at the highest was 93, at the lowest
21 below zero - it averaged 44
The wind was West 15 days, South West 108, South 26,
South East 43, East 10, North East 56, North 8, and
North West 99 days.
It was fair 227 days, cloudy 138; it snowed in 39 days,
rained 92, thunder 12, lightning 21, fogg 32, & hail
in 5 days.

Of

of rain there fell 3 feet 3 inches 3.10, 1.20 & 1.46th
of snow there fell 8 feet 10 inches 2.10th

Notes

At Quebec, Dec 17th in the morning the thermoter was 18 below zero.
17th at Montreal at 7 Oclock AM. 16 below zero.
18th at ditto at 12 below zero
19th at ditto at 1 below zero.
17th at Albany N.Y. 12 below zero
18th at ditto 11 below zero.
23d at Fredericksburg Va snow was 18 inches deep. Rappahannock & James River were frozen over.
17th at Portsmouth NH. 9 Oclock PM 4 below.

Friday 1 SW 29, 39, 35 Fair.
Saturday 2. NW high 29, 29, 19 Fair.
Sunday 3 SW. 11, 29, 25 Fair
Wind varied from SW to S. Cloudy near half the day.
Moon quartered 4h. 14m. am. NW.
Monday 4 NW high 23, 28, 21 Cloudy
Wind varied from SW to N. Sun shone near 3 hours.
Tuesday 5 NE 12, 21, 16 Cloudy
Wind varied from NE to SE.
Wednesday 6 S. 15, 29, 22 Cloudy Snow 1 inch.
Wind varied from NE. to S. Moon 47 Stars reached
Thursday 7 NW 17, 28, 19 Fair.
Slight variation NW to SW.
Friday 8 SE. 5, 18, 14 Fair.
Wind from NE to SE. cloudy part of the day.
Saturday 9 SW 15, 33, 29 Cloudy.
Wind from SE to SW. Sun shone part of the day.
Sunday 10 SW 33, 46, 34 Cloudy
Wind from SE to SW. Sun shone near half the day.
At noon a bird in my orchard say precisely like a Pewee I heard but could not see it.
Monday 11. SW 32, 48, 40 Cloudy. Sun appeared near half the day. Wind varied from SW. to S.
Moon fulled 6h. 51m. am.
Tuesday 12 NW 38, 38, 21 Fair.
Wind varied from SW to NW.
Wednesday 13 SW 18, 31, 26 Cloudy
Wind varied from SW. to S. Sun shone part of the time.
Night snow 1 inch 5/10ths

January 1819

Thursday 14 NW 9, 14, 0 Fair. Ground all bare

Friday 15, SE. 3, 23, 21. Cloudy, Snow 1 inch 8.10ths
Wind varied from E to SE & SW.

Saturday 16, SW. 21, 41, 29 Fair
Wind varied from SW to NW.

Sunday 17 SW 14, 35, 21 Fair

Monday 18. SWhigh 35, 50, 46 Cloudy - little rain in forenoon 3 hours - Snow all gone. night rain 8 10ths

Tuesday 19 SE 40, 48, 33 Cloudy Rain.
Wind varied from SE to SE & from SE to NE.
night snow.

Wednesday 20 NE 32, 28, 24 Cloudy Rain & sleet a little; 2 inches.
Wind varied from NE to SE.

Thursday 21 NE 22, 28, 26 Cloudy
Wind varied from NE to SE.

Friday 22 S. 29, 40, 34 Cloudy, foggy.
Wind varied from SE to S. W.

Saturday 23 SW 32, 50, 40 Fair. Snow gone.

Sunday 24 SW 36, 53, 42 Fair. Night rain 1. 20th

Monday 25 NW 32, 34, 26 Fair.
Moon changed 8 h. 29 M. P.M. in to NW.

Tuesday 26 SW 22, 37, 35 Fair.
Wind varied from SW to S.

Wednesday 27 NW. 30, 37, 29 Fair
Wind varied from NW to SW.

Thursday 28 NWhigh 35, 36 9 Fair. Morning little rain
Wind varied from SW. to NW.

January 1819.

Friday 29 NW 8 7, 4 Fair.
Light variation of wind from NW to SW.

Saturday 30, SWhigh 19, 34, 22 Cloudy - Snow there 3 hours.
Wind varied from S. to NW.
In the night light in the north.

Sunday 31 NW 1, 19, 12 Fair
Wind varied from NW by SW 2.

Summary for ~~February~~ this month.

The thermometer at the highest was 53, at the lowest was 8 below zero; it averaged 27.

The average at 6 Oclock A. M. was 22½, at 1 Oclock P. M. 32½ & at 9 Oclock P. M. 25 Lacar 1/3.

The wind was South West 13 days, South 2, South East 3, North East 3, & North West 10 days.

It was fair 17 days, cloudy 14; it snowed in 5 days, rain 5, & fogg in 1 day.

Of snow there fell 6 inches 3. 10th

Of rain there fell 8 10ths & 1. 20th

Monday 1 SW 9, 32, 21 Fair

The night was serene, clear & not a breath of air moving. Moon quartered 8h. 43m. a.m. S.W.

Tuesday 2. SW 14, 46, 40 Fair. Moon 7/8 past 2 a.m.

Wednesday 3 SW. 30, 49, 33 Cloudy. People making Wall.

Wind varied from SW to S.E. My hand carting my wood.

Thursday 4 SW 30, 52, 35 Fair. A vapour resembling smoke rose from the ground. Made wall tho the ground is frozen.

Wind varied from SW to S.E & from thence to N.E.

night cloudy & foggy.

Friday 5 N.E 31, 29, 26 Cloudy little rain-Snow 2 10ths.

A few days since my 2 old swarms of bees removed all the honey out of the only young swarm I had - I watched them for some days there appeared no fighting, & the bees in the young swarm appeared to assist them & now live in the old hives with the old bees. To day I took the comb out - but there was neither bees or honey.

Saturday 6 N.E 17, 27, 19 Fair

Wind varied from N to N.E & E.

Sunday 7. S.E 21, 36, 29 Cloudy

Wind varied from E to S.E.

Monday 8 S.E 30, 33, 36 Cloudy Foggy Rain 6. 10ths

Wind varied from N.E to S.E.

Tuesday 9 SW 37, 53, 39 Fair. Roads muddy.

Slight variations of Wind from S.W to N.W.

Robins & Robbins singing on the apple trees.

Night rain a little.

Wednesday 10 S.W. 37, 58, 48 Fair

Cloudy near half the day. Road muddy - travelling bad - people hauling rocks & making wall.

Moon fulled 1h. 40 m. a.m. in the S.W.

Thursday 11. NW high 35, 38, 27 Fair

Wind varied from SW to NW. cloudy near half the day.

Friday 12 NW. 22, 27, 24 Fair

Wind varied from NW to N.E.

Saturday 13 N.E strong 18, 16, 18 Cloudy. Snow. 5 inches 6 10ths

Sunday 14. NW. 14. 31, 22. Fair. Night snow 1. 10th

Wind varied from NW. to S.W.

Monday 15 S.E. 20, 45, 32 Cloudy. Snow 2 inches 5. 10ths

Wind Varied from SW to S.E - E.

Tuesday 16 S.W 23, 47, 25 Fair.

Wind varied from NW to S.W. Even small Northern lights.

Wednesday 17 S.E 18, 25, 20 Cloudy

Wind varied from SW to S.E - E. Moon ~~Lunged~~ quartered 3h. 13m. a.m. N.W.

Thursday 18 NW brisk 6, 18, 13 Fair Not a cloud except one in the East.

Friday 19 NW 13, 33, 21 Fair. Cloudless

Wind varied from NW to S.W.

In even a great Borealis - a beautiful bow & shoots upwards. As the light declined it became cloudy. The light began in the North but projected so as to have the seat of it in the North East.

Saturday 20 SW 18, 38, 25. Cloudy, Snow } 3 inches. half of it dissolved.
Wind varied from SW to SE.
Sunday 21 NW high 24, 35, 26 Cloudy Snow
Wind varied from NW. to N.
Monday 22 NW 22, 33, 23 Fair.
Wind varied from NW to SW.
Tuesday 23 NW 22, 38, 21 Fair. E.
Wednesday 24 NW 9, 28, 15 Fair. Moon changed 7 h. 23 m.
Wind varied from NW to SW.
Thursday 25 SE 9, 34, 31 Cloudy Night wind high, Snow
Wind varied from SW to SE. E & N. E.
Friday 26, NE & strong 32, 33, 25 Cloudy. Snow
Saturday 27. SW. 22, 35, 25 Cloudy. Little snow.
Wind varied from S.W. to NW.
The snow that fell the last storm was 16 inches & very damp.
Sunday 28, NW 17, 31, 26 Fair
Wind varied from NW. to S.W.

Summary for this month.

The thermometer at the highest was 58, at the lowest 6; it averaged 27 & 2/3.
The average at 6 o'clock A.M. was 21 1/3, at 1 o'clock P.M. was 35 2/3 & at 9 o'clock P.M. was 26 1/2.
The wind was South West 10 days, South east 5, North East 3, & North west 10 days.
It was fair 16 days, cloudy 12; fogg in 2 days, rain in 3, & snow in 9 days.

Of

Of snow there fell 2 feet 3 inches & 4. 10ths
Of rain there fell 6. 10ths

Summary for the Winter.

The thermometer at the highest was 58, at the lowest 8 below zero, it averaged 25 & 1/4.
The average at 6 o'clock A.M. was 20, at 1 o'clock P.M. 32 1/6 & 9 o'clock 23 3/4.
The wind was South West 35 days, South 2, South East 11, East 1, North East 10, & North West 31 days.
It was fair 52 days, cloudy 38; rain in 11, snow in 20, & fogg in 4 days.
Of snow there fell 3 feet, 3 inches & 5. 10ths
Of rain there fell 2 inches 1. 10th

Notes.

Not one day good slaying in Epping this winter.
The last snow did not extend to Portsmouth in sufficient quantity for sledding — it was rain in the storm.

March 1819.

Monday 1. SW. 27, 49, 33 Fair - cloudy near half the day.
Wind varied from SW. to S E. Night snow 1 inch.
Moon + 7 stars passed.

Tuesday 2, NW high 25, 26, 12 Fair snow blew much. S. E.

Wednesday 3 NW high 5, 22, 12 Fair. Moon quartered 3 h. 4 m. P m.
wind these 2 days varied but little.

Thursday 4. SW. 13, 38, 28 Fair - Cloudy near half the day.

Friday 5 SW 21, 40, 31 Fair. Night snow 3 inches -
little rain.

Saturday 6 N E. 32, 39, 19 Cloudy Hail snow 1 inch 5 10ths

wind varied from S E to N E.

Sunday 7 N E 10, 19, 11 Fair
wind blew from every point.

Monday 8 N E high 14, 20, 15 Cloudy Snow
Wind varied from N E to S E & from S.E. to N.E. } Snow these 2 days 22 inches.

Tuesday 9 N E high 16, 23, 12 Cloudy Snow
Wind varied from N E to N.

The snow is very much drifted, some banks are 9 feet deep. fences in many places are covered, & the road full & travelling nearly suspended. Today it was the annual town meeting & so bad was the travelling that scarce a single person even able to ride to the meeting, not more than two or three - nearly every one walked - some on the road but many the fields & pastures & some on snow shoes. Yet we had 127 voters.

Wednesday 10 NW 10, 34, 21 Fair.

Thursday 11. S E. 18, 36, 27 Fair - cloudy 2 hours.
Wind varied from S. W to S. E.
Moon full 6 h. 28 m. P. m. E.

Friday 12. N E. 24, 38, 31 Cloudy Night snow. 3 inches
Wind varied from S E. to N E.

March 1819

Saturday 13 N E. 29, 40, 32 Cloudy Snow 4 inches.
Wind varied to every point - but came enough to turn the vane
In the night the wind NW & high.

Sunday 14 NW high 16, 17, 10 Fair.
Snow these half of the horizon was obscured by clouds tho
the sun shone most of the time.
Tho the snow of yesterday was very damp the wind
kept it today in constant motion & the snow is
now so drifted as to render the roads impassable.
There is now 3 feet of snow on the ground upon a
level.

Monday 15 NW high 9, 25, 15 Fair.

Tuesday 16 N E 12, 23, 21 Cloudy Snow. 6 inches.
Many deep wells are without water, & springs are low.
Traveller is nearly suspended by the roads being filled
with snow.

Wednesday 17 NW high 18, 26, 20 Fair. Wind in any light clouds
Wind varied from NW to SW.
Snow flew much - scarce any travelling - roads filled with
drift of snow.

Thursday 18. SW. Calm 16, 32, 20. Fair
Wind varied from NW to SW.
moon quartered 11 h. 45 m. P.M. E.

Friday 19. SW 12, 44, 29 Fair
Wind varied from S. W to S. E.

Saturday 20 SW. 30, 43, 27 Fair. Morn. snow 2 inch. 7 10ths
Wind varied from E to SW. & from thence to N. W.

Sunday 21 NW high 22, 29, 22 Fair. Snow did not fly.

Monday 22 NW. 15, 34, 25 Fair. Striped squirrels appear
Night Snow 1 inch.

March 1819.

Tuesday 23. SW 25, 46, 39 Cloudy Rain 3.10ths 1.40th
Wind varied from SW to SE.
Sleying at Portsmouth newbury Port & nearly gone.

Wednesday 24 NW 35, 44, 33 Fair. Moon changed 7h. 23 m. morning. E.
Wind varied from NW to S.W.

Thursday 25 NE 31, 35, 32 Cloudy, Snow 4 inches, Rain 2.10ths
Some slight fogg. Wind varied from SE to NE thence to NW.
In the night wind blew very high from the NW. Aurora Borealis

Friday 26. SE 31, 52, 33 Fair tho cloudy near half the day - evening rain 1.80th Pewees, re-appeared.
Wind NW to S.W. SE then SW & evening NW & high.
Aurora Borealis.

Saturday 27. NW high 21, 26, 18 Fair. Aurora Borealis.

Sunday 28 NW high 12, 24, 19. Fair.
Slight variation of wind from NW to W.

Monday 29 SW 18, 33, 24 Cloudy, evening snow & hail 1 inch 5.10ths night rain.
Moon & 7 stars pass each other.

Tuesday 30 NE 28, 36, 32 Cloudy Rain 8 10ths
Fogg - Wind varied from NE to S.E.
Night thunder & lightning - sharp & loud & much

Wednesday 31. NW. 35, 38, 25 Fair.
Wind varied slightly from N.W. to S.W.

Summary for March

The thermometer at the highest was 52, at the lowest 9, it averaged 25 1/3°.

The

March 1819.

The average at 6 O clock A.M. was 19 1/3. at 1 O clock P.M. 33 1/4. & at 9 O clock P.M. 23 1/2

The wind was South West 8 days, South East 2, North East 9, & North West 12 days.

It was fair 20 days, cloudy 11; it snowed in 11 days, rain in 4, hail in 2, thunder 1. & lightning in 1 day.

Of snow there fell 4 feet 1 inch 9.10ths

Of rain there fell 1 inch 1 10th & 1.40th

28 & 29th At Quebec the thermometer was 3 below zero.

Thursday 1. NW 17, 40, 24 Fair.
Snow in the pasture wood lands is near 2½ feet deep on a level. Some banks 5 feet deep.
Wind varied from NW to SW.

Friday 2. SE. 11, 41, 28 Fair
Wind varied from NW to SW & from thence to SE.-E.
Moon quartered 11h. 23m. am. E. Black birds appear.

Saturday 3. SW 25, 58, 44 Fair. Cloudy near half the day.
Travelling bad ground appears wild geese
Chipbirds, Kildees, Larks & Robbins appear.

Sunday 4 SE 40, 48, 40 Cloudy. Fogg evening
Wind varied from S.E. to N.E. night rain 1 inch 3 10th 1 20th & 1 40th

Monday 5. SW 46, 56, 38. Fair morning foggy - cloudy near half the day.
Wind varied from SE to SW - W.
Travelling very bad.

Tuesday 6. NW 38, 39, 28 Cloudy
Wind varied from SW to NW.

~~Wednesday 7.~~ ~~25~~ The rain of sunday & the great thaw of monday, produced last evening & to day great freshes which hath carried of many bridges, destroyed mill-dams & injured mills. The coldness of day has considerably checked & abated the water.
Some banks of snow are now 4½ feet deep.
Tho a portion of the ground is bare, people travel several miles in sleys - travelling is bad & dangerous.

Wednesday 7. NW 25, 44, 35 Fair.
Wind varied from NW to SW.
Sleys ran from Deerfield to Exeter; but badly no snow south of the river Merrimac.
In the night little rain.
People played in Hampton 15 Miles S.E.

Thursday 8 SE 34, 45, 40 Cloudy Foggy Rain 1 10th 1 40th
Wind varied from E to SE. SW & N.W.

Friday 9 NW high 36, 37, 30 Cloudy.

Saturday 10 NW high 26, 38, 32 Fair.
Moon fulled 8h. 20m. am. NW.

Sunday 11, S.E. 36, 47, 38 Cloudy.
Banks of Snow 3½ deep in some places
Wind varied from E to S. East.
In the night rain. 7 10th 1 20th 1 40th

Monday 12, NW & high 31, 45, 35 Cloudy - run shone a 3d of the time. Little snow hail & rain.
Night Aurora Borealis.

Tuesday 13. SW 32, 55, 40 Fair.
Wind varied from SW. to N.W.

Wednesday 14 SE. 37, 57, 41 Fair.
Wind varied from E to SE & thence to SW.

Thursday 15 SW. 37, 64, 49 Fair.
Wind varied from SW to S.E.
Some people in this town plowing.
Most of the ground is bare tho the snow in some banks is 2½ feet deep. My Bees began to work.
Wood Walls & Stake drivers appear
Frogs sang in the evening.

Friday 16 NE 42, 52, 39 Cloudy near half the day. Dug parsnips - found no frost.
the sun shone.
Wind varied from NE to S.E.

Saturday 17 NE & high 38, 42, 34 Cloudy, Rain a little sun shone a few moments.
Wind varied from NE to S.E.
Night rainy. Moon quartered 6h. 6m am. S.

Sunday 18 NE strong 34, 36, 33 Cloudy - Rain there 2 days
2 inches 2 10ths

Monday 19 NE 32, 36, 33 Cloudy Snow 1 inch but it
dissolved before night. rain 20th
Wind varied from NE to N. Measured a bank of old snow
1 foot 8 inches deep.

Tuesday 20 NE 34, 40, 36 Cloudy.
Wind varied from N.E to S.W.
Last night & this night at my house heard the sea
roar very distinctly.

Wednesday 21. NE 34, 53, 37 Cloudy - sun shone part
of the day. yellow birds & butterflies appear.
Wind varied from NE to S.E.

Thursday 22. NW high 36, 52, 38 Fair. Snow banks 15 inches
deep. Began my plowing. Martins appear.
Night Aurora Borealis.

Friday 23 NW high 31, 51, 48 Fair. Aurora Borealis.
Wind varied from NW to N. People sowing wheat.

Saturday 24 NW high 40, 49, 40 Fair.
Eclipse of the sun from 5 to 7 o'clock a.m.
Moon changed 7 h. 4 m. a.m.
Began to sow my oats. Swallows appear.
The ~~last~~ snow in my yard before the house all dissolved.
Measured at night one bank 8 inches deep.
Travelling begins to be good.

Sunday 25 NE. 38, 53, 45 Cloudy - sun shone 5 hours forenoon
Wind varied from NW to N. from thence to NE & SE.
Moon & 7 stars pass each other.

Monday 26 SE 40, 50, 32 Cloudy - Fair 3 hours
Wind varied from NE to SE.

Tuesday 27 SE 36, 49, 34 Cloudy Little rain
Wind varied from NE to E. S.E. SW.
The leaves of Horse Chesnuts & Lalocks as large as a Mouse's ear.

Wednesday 28. NE 38, 53, 39 Cloudy little rain
Sun shone near half the day
Wind varied from NE to E. SE & SW.
Night heard the sea roar.

Thursday 29. NE. 48, 65, 43 Fair } Night hawks appear
Wind varied from NE to E. SE. } Some people planted Corn.

Friday 30 SE. 38, 72, 55 Fair
Wind varied from NE to ~~E~~ SE & SW. Began to sow my garden.

Summary of April.

The thermometer at the highest was 72, at the lowest 11,
it averaged 40.
The average at 6 O'clock A.M. was 34 1/3, at 1 O'clock P.M.
nearly 49, & at 9 O'clock P.M. 37 1/2.
The wind was South west 4 days, South East 8, North East
9, & North West 9 days.
It was fair 14 days, cloudy 16; fogg in 3 days, rain in 10
days, snow in 2, & hail in 1 day.
Of snow there fell 1 inch.
Of rain there fell 4 inches 5 10ths & 1. 40th

Notes
Swallows appeared in the city of Quebec the 14th instant.

May 1819.

Saturday 1 N.E. 54, 72, 54 Fair.
Wind varied from N.E. to E. S.E. S.W.

Sunday 2 S.E. 49, 54, 49 Cloudy Fogg Rain. } 5 10th
Wind varied from N.E. to S.E.
Moon quartered 6 h. 28 m. A.M. North.

Monday 3 N.E. 50, 67, 51. Fair Morning cloudy rain
Wind varied from N.E. to S.E.

Tuesday 4 S.E. 54, 73, 54 Fair
Wind varied from N.E. to S.W.

Wednesday 5 S.E. 56, 80, 56 Fair.
Wind varied from from S.E. to S.W. Cloudy near half the day
Just after sunsett there was an innumerable number of
large dow bugs flying in the air the noise they made re=
=semble the roaring of many waters at a distance.

Thursday 6 S.W. 47, 79, 50 Fair.
Wind varied from S.W. to S.E. E. N.E.
Finished sowing my oats; sowed my field pease.
Sowed my wheat. I steeped it 24 hours in a strong decoctions
made from the stalks of Elder bushes — put the wheat in when
the liquor was blood warm. At the end of 24 hours I put
into the tub more than half a bushel of ashes, & let it stand
12 hours. This process I adopted for the purpose of guarding
against the ravages of the Hessian fly.
Bumble bees appear.

Friday 7 N.E. 47, 44, 42 Cloudy ~~little~~ rain 1.80th
Slight variation of the wind from N.E. to S.E.

Saturday 8 S.E. 42, 52, 37 Fair
Wind varied from S.E. to S.W.

Sunday 9 E. 38, 57, 43 Cloudy Night rainy
Wind Varied from N.E. to S.E. Moon pitted 8 h. 10 m. P.M. S.E.

May 1819.

Monday 10 N.E. 43, 50, 47 Cloudy rain fogg. } rain 4 inches 2 10th 1 20th
From Epping to Epsom.

Tuesday 11 N.E. 48, 48, 46 Cloudy rain fogg
Epsom to Concord — a quat fresh et.

Wednesday 12 N.E. 39, 44, 38 Fair. Concord

Thursday 13. E. 38, 47, 40 Fair night little rain Concord

Friday 14. N.E. 43, 47, 45 Cloudy rain 1 10th Peach trees in
blossom. Concord. Gold Finches appear.

Saturday 15 N.E. 45, 58, 52 Cloudy fogg Rain
From Concord to Epping — Bobolinks appear.

Sunday 16 E. 52, 56, 52 Fogg. Rain
Moon quartered 11 h. 54 m. W.
Wind varied from E. to S.E. My black hart cherry tree partly
blossomed.

Monday 17 S.E. 50, 60, 50 Cloudy fogg rain 2 inches 9 10th
Wind varied from S.E. to S.W.

Tuesday 18 S. 47, 62, 46 Cloudy Sun shone part of the
day. Wind varied from S. to S.E. rained a little.

Wednesday 19 N.W. high 45, 54, 43 Fair. Epping to Hampton Falls
& back again. Wind varied from N.E. to N.W.

Thursday 20 N.W. high 39, 54, 48 Fair
Wind varied N.W. to N.E.

Friday 21 N.W. 50, 67, 58 Fair. Humbirds appear
Began to plant potatoes & beans.

Saturday 22 S. 51, 70, 60, Fair — Evening thunder lightning
cloudy, rain a little
Wind varied from S.E. to S. S.W. W. to N.W.

Sunday 23 S.E. 54, 63, 48 Fair.
Moon changed 8 h. 4 m. N.W. Moon & 7 stars together.

June 1819

Thursday 1, N.E. 48, 52, 50, Cloudy, Rain 2.10th Concord.

Wednesday 2, NW. 55, 71, 56, Fair, Little rain. Concord

Thursday 3, NW 58, 71, 56 Fair. Concord Cloudy 1/4 of the day.

Friday 4. SW. 60, 77, 71 Fair Concord.

Saturday 5. SW. 66, 88, 78. Fair from Concord to Epping.

Sunday 6 SW. 75, 91, 79 Fair. At 3 Oclock P.M the mercury was 97.

My young peach trees on Horse Chestnut for the first time in full blossom.

Monday 7. SE 71, 86, 68 Fair.

Wind varied from SW to S. & from thence to S.E.

distant thunder & lightning. Much lightning at or distance in the evening. SW.

Tuesday 8 SE 69, 84, 67 Fair. moon pulled 3h. 36 M. am.

Wind varied from NE to SE - S.W.

Evening lightning in the West & little thunder - Night little rain.

Wednesday 9. SWhigh 62, 86, 70 Fair - Morning foggy - little after 6 Oclock P.M. a thunder shower arose in the West & continued with little intermission for more than 4 hours - much thunder & lightning - little hale - rain 3.10th 1.20th 1.40th

Thursday 10 NW 62, 74, 60 Fair

Wind varied from N.W to N.

Friday 11 SE. 56, 68, 55 Fair Cloudy 4 hours.

Wind varied from NE to SE.

at 5 Oclock P.M. began to rain a little

Evening had to build a fire in the sitting room.

Saturday 12 NE 59, 60, 63 Cloudy. Rain, foggy.

at little past 7 a.m. commenced a sudden storm of rain sharp lightning & loud thunder. The thunder & lightning continued for about

3 or 4 hours - It struck 3 trees in different parts of the town but I have heard of no other injury. The rain continued till 3 Oclock P.M. & fell 2 inches 3.10th

The wind varied from NE to SE & SW. & from NE to NW. but most of the day was stationary at N.E. but sometimes so small as not to move a leaf.

For a few moments it was foggy on the hills - sometimes the cloud was so thick as to render it dark.

The chilliness of the weather rendered a fire comfortable in the office.

Sunday 13. NE. 58, 68, 54 Fair.

Monday 14 NW 57, 77, 64 Fair.

Wind varied from N.W. to SW.

Moon quartered 6h. 40 m. P.M. in the North.

Tuesday 15 SW 62, 83, 66 Fair. 4 hours afternoon cloudy

Wind varied from N.W to S.W.

Wednesday 16 SW. 60, 81, 75 Fair.

Thursday 17. SW 70, 87, 81. Fair. Barn 1st warmed.

Slight variations of wind from SW to N.W.

at 6 Oclock P.M. cloudy - 1st even. lightning & distant thunder in the N. & N.W. at half past 3 PM. thermo. 93.

Friday 18 S.E. 76, 91, 70. Fair - Cloudy 5 hours.

Wind varied from SW to SE. & from thence to SW. W-N W-N.

The thermometer 10 Oclock A.M. was 87, at 11 12, 89. at 1 PM 91 at 3, 68 - at 9 - 70.

at a little past 2 PM. a thunder shower arose suddenly in the N.W. at its commencement for 2 or 3 minutes there was a strong gust of wind from the N.W. - then very considerable of thunder & lightning - Rain 3.10th & 1.40th

Saturday 19 NW Ships 71, 82, 62 Fair.

about 1 Oclock A.M. There was a strong gale of wind.

Moon & 7 stars passed each other.

Sunday 20, NW. 54, 71, 57 Fair
Wind varied from NW to SW. it was light.
The 1st white rose was full blown at the east side of my house.
Some strawberries ripe.
Monday 21, NW 60, 77, 68 Fair.
Tuesday 22 SE 65, 80, 65 Fair
moon changed 10h. 10 M. am. S. E.
Wind varied from NW to SW. - to S. E.
Wednesday 23. SW. 66, 76, 66 Cloudy - thunder lightning
& rain 3 10th, 1 40th Bees swarmed - 2d hive.
Wind varied from SE. to SW.
Thermometer fell from 1 Oclock PM to 2 Oclock P.M. from 76 to 67.
Thursday 24 NW. 61, 66, 58 Fair cloudy near half the day.
afternoon thunder & rain 1 10th, 1 40th
Wind varied from SW to NW.
Red rose in my yard in full blossom & also oleander for the first time this year.
Friday 25 NE. 54, 70, 57 Cloudy, rain 1 20th
The wind varied so often from NE to N & from thence to NW. that it was difficult to decide which was the prevailing course.
The sun shone a small part of the day.
Saturday 26. NE 61, 72, 68 Fair.
Wind varied as yesterday.
Sunday 27 NW 64, 83, 72 Fair. Small light in the north in the evening.
Wind varied from NW to S. W. slightly.
Monday 28 SW. 73, 88, 73 Fair. 3d & 4th swarms of bees swarmed.
At 3 Oclock PM the thermometer was 90 - at 4, 91 - at 5, 94 - at 6, 93 - & 7, 88.
Evening rain thunder & much lightning.
Night much lightning considerable thunder, rain 6 10th 1 20th
Wind blew from every point but principally eastwardly
Little Hail.

Tuesday 29 SW. 64, 83, 66 Fair. Cloudy near half the day
Wind varied from S.W. to S.E.
at 2 - 87 - 3 - 88, 4 - 85.
at 6 Oclock much lightning some thunder little hale - rain 1 20th 1 40th
Wednesday 30 S.E brisk 59, 67, 72, Cloudy, foggy thunder & lightning. The thunder lightning commenced at at 12 past 9 am & continued near 2 hours. Rain 7 10th 1 20th
The wind varied from NE to E - SE - SW.
Moon quartered 1 h. 47 M. P. in the S. E.

Summary for June.

The thermometer at the highest was 91. at the lowest 48, it averaged 68 1/3.
The average at 6 Oclock am was 62 1/2 at 1 Oclock P.M. 77. & 9 Oclock PM. 65 1/2 & more.
The wind was South West 10 days, South East 6, North east 5 & North West 9 days.
It was fair 25 days, cloudy 5; it rained in 13, thundered in 11, lightned in 10, fogg in 3 & hail in three days.
of rain there fell 4 inches 8 10th & 1 20th

June 5, at Montreal Notes 4 Oclock P.M. in the shade the thermometer was at 90.
next day the same; & at 2 Oclock PM in the sun 106.

Thursday 1. S.E. 68, 87, 69 Cloudy.
at little before 2 O'Clock AM there was a great shower attended with much lightning & considerable thunder.
The afternoon was rainy. – Rain 5 10th 1 20th
Wind varied from S.E. to S.W.

Friday 2 S.W. 62, 78, 62 Fair. Morning foggy – afternoon thunder, lightning & a little rain, attended with one strong gust of wind.
Wind varied from S.W to W. – N.W.

Saturday 3 N.W. 60, 72, 60 Fair – cloudy near half the day.
At night a comet appeared to my view in the North N. west just above the horizon, say near an hour high.

Sunday 4 N. W. high 58, 64, 59. Fair – a little rain & thunder.

Monday 5. N.W. 55, 68, 57 Fair.
Wind varied from N.W to N. – N.E. – E. – S.E. & S.W.

Tuesday 6 S.W 57, 76, 62 Fair.
Bees swarmed again.
Wind varied from S.W to S.E
Eat the last of my apples, one of which was of the growth of 1817.

Wednesday 7 S.W. 58, 78, 67 Fair.
Wind varied from S.W, to S & S.W.
Moon fulled 10 h. 31 m. AM in the N.W.

Thursday 8. S.W 59, 84, 75 Fair at 5 PM 95.
Wind varied from N.W to W. S.W & to S.

Friday 9. S.W. 71, 87, 79 Fair. My pear & beans in blossom.
Thermometer at 4 PM was 94. 5–98, 6–97.
Wind varied from N.W to W. S.W, & S.

Saturday 10 N.W. 76, 90, 84 Fair
Thermometer at 3 PM. was 93, at 4–95, 5–99, 6–101, 7–98.
The wind varied from N.W to W. S.W. Little wind
Finished hilling my corn & potatoes.

Sunday 11 S.W. 74, 94, 75 Fair
Wind varied from S.W to N.W. Grasshoppers appear.
Distant thunder & lightning – evening rain a little.

Monday 12 S.W. 72, 89, 77. Fair. at 5 O'Clock PM 95.
Wind varied from S.W to N.W.
Evening distant lightning in the W. N.W & N. & Thunder
Some people in Epping began haying.

Tuesday 13 N.W. 70, 75, 63, Fair.
Wind varied from N.W to W. S.W & S.E.

Wednesday 14 S.E. 61, 82, 65 Fair
Wind varied from N.E to S.E. It was N.E near half the day. Moon quartered 2 h. 14 m. S.E.

Thursday 15 S.E. 66, 81, 69 Fair
Wind varied from N to N.E. – S.E. & S.W.
The morning there was fogg in the low land.
My potatoes began to blossom.

Friday 16 S.W. 70, 87, 81 Fair.
The morning was foggy cloudy & rain 4 10th 1 20th & 1. 40th
The wind varied from S.E to S.W. & W.
In the evening a little lightning in the North.

Saturday 17. N.W 75, 83, 72 Fair. Cloudy near half the day.
Wind varied from N.W. to W. S.W & S.E.

Sunday 18 N.W. 66, 80, 67 Fair
Slight variation of the wind from N.W to S.W.

Monday 19 N.W 61, 75, 65 Fair
Wind varied from N.E to N.W. – S.E.

Tuesday 20 N.W 61, 80, 71 Fair.
Slight variation of wind from N.W to W. S.W & S.

Wednesday 21 N.E. 63, 79, 68 Fair. Cloudy 1/4 of the day
Wind varied from N.E. to N. N.W. S.W & S.
Night lightning in the N. & N.W. Rain 1. 10th 1 20th 1. 40th

Thursday 22 SW 62, 81, 70 Fair
Wind variable from NW to W. SW & SE.
Moon changed 1 h. 9 M. N.-A. M.

Friday 23. SW. 62, 89, 68. Fair.
Early in the morning fogg rose in low ground - cloudy one third of the day - afternoon some distant thunder. & Rain 1.40
Wind very variable from N-NW-SW-S-SE.
Began my haying.

Saturday 24 SW. 66, 84, 70 Fair. Morning little fogg in low ground - hazy part of the day.
Slight variation of the wind from SW to S.
Night great dew.

Sunday 25 NE. 63, 76, 66 Cloudy - Morning foggy - little rain - sun shone 1/3 of the day.
Wind varied slightly from NE to E - SE.

Monday 26 SE 66, 76, 67 Cloudy - Evening fogg.
Wind varied from NE to E - SE - S. SW.

Tuesday 27 NE 64, 67, 63 Cloudy - Rain 2 inches 8 10th 1.20th
In the evening thick fogg.
Wind varied from NE. to E. SE.
The greatness of the rain & wind injured corn, grain & unmowed thick grass.
The dampness of the air rendered a small fire comfortable in the office.

Wednesday ~~Friday~~ 28 SW. 64, 80, 75 Cloudy. Sun shone some of the time - morning foggy.
Wind varied from NE to E - SE. SW to NW.
In the forenoon little distant thunder in the South.
Rain in the night 1.80th

Thursday 29 SW. 71, 84, 76 Fair.
Wind varied from S.W. to NW.

Friday 30 SW 73, 87, 83 Fair. Little rain Wind varied from SW to NW. The thermometer at 2 PM was 89, at 3-91, 4-94 5-98, 6-87, 7-93. Moon quartered 1 h. 23 AM. - W.

Saturday 31. SW. 75, 93, 83 Fair
Wind varied from SW. to W - & NW. Morning small fogg in low land.
Thermometer 3 PM. 95, 4-96, 5-98, 6-93, 7-89.
Evening little lightning in the N & NW.

Summary for this month.

The thermometer at the highest was 94. at the lowest 55, it averaged 72.
The average at 6 Oblock AM. was 65 2/3. at 1 Oblock P.M 80 3/4. & 9 Oblock P.M. 69 3/4
The wind was South West 15 days, South East 4, North East 3, & North West 9 days.
It was fair 26 days, cloudy 5, Thunder in 7 days, lightning 7, rain 11. & fogg in 10 days.
Of rain there fell 4 inches 1 20th 1.40 & 1.80th

Notes of the thermometer.

July 6th at Berlin in Prussia 94 1/4 in the shade.
at St Petersburg 88 in the shade.
at Copenhagen as warm as the West Indies.

Sunday 1 W. 76, 94, 74 Cloudy - the Sun shone near half the day. My cucumbers fit to eat.
Wind varied from W to NW - & from W to SW.
afternoon & night thunder & lightning considerable particularly the latter - thunder not severe, but at a distance a few gusts of wind from N.W. strong - Rain 1.10th & 1.20th

Monday 2, SW. 70, 87, 73 Fair Cloudy near half the day. My field peas fit to eat.
The Wind varied from NW to SW. & from thence to East.
The thermometer at 3 was 91, 4-93, 5 & 6-82, 7-79.
Considerable thunder at a distance - rain 1.20th
Night distant lightning N. E.

Tuesday 3 NW. brisk 70, 81, 67 Fair. Morning cloudy.

Wednesday 4 NE 61, 75, 64 Fair
Wind varied from N to NE - E - SE - SW.

Thursday 5 SW. 58, 80, 68 Fair. Moon fulled 5 h. 25 m. afternoon E.
Wind varied from SW to W.
Killed one of my lambs.

Friday 6 SW. 65, 84, 76 Fair. Cloudy morning 4 hours.
Wind varied from SW to W. NW slightly.
at 5 P.M. 95.

Saturday 7 SW 70, 91, 81. Fair.
Slight variation of wind from SW. to W.
afternoon distant small thunder in SW. In the evening distant thunder in the North & much lightning, & in the night from the W. NW & NE. very little rain.

Sunday 8 SW. 71, 89, 72 Cloudy - Sun shone 5 hours.
Wind varied from NW to SW thence to S. - SE. so often & so long it was difficult to say which was most prevalent.
afternoon & evening thunder & lightning most of which was distant. ~~Rain~~ in the South. Rain 1.10th 1.40th

Monday 9 NW 68, 81, 71. Fair.
The morning was foggy - little distant thunder & lightning - little rain.
The wind in the course of the day blew from every point of the compass, but this was principally in the course of a single hour.

Tuesday 10 W. 67, 85, 76 Fair.
Wind varied from NW. to SW.
The thermometer at 3 P.M. was 87, 4-89, 5-94, 6-96.
Even. lightning in the N & NE.

Wednesday 11 E. 67, 84, 69 Fair.
Wind varied from NW to N - NE - E.
moon & 7 stars passed each other.
Little distant thunder in the N.W.
Night foggy thick.

Thursday 12, SW. 67, 93, 84 Fair.
The morning was foggy. Moon quartered 1 h. 7 m. P.M. in the West.
Wind varied from NE to NW thence to SW.
Thermometer at 2 P.M. 92, 3-93, 4-95, 5-99, 6-96.
In the Evening much lightning in the NW. N & NE distant.
Much injury has been down this season - many barns burnt. Some lives destroyed - some houses injured - but the number of barns has been vastly more than dwelling house. Why this difference?
The great falls of rain in some places has done great injury.
The hail in some places has done considerable damage.
In the west parts of New York & in Virginia the drought has been severe, & injured the crops.

Friday 13 NW brisk 76, 84, 69 Fair.
Till 7 O'Clock AM the wind was SW. suddenly there arose a cloud in the NW resembled one highly charged with hail & wind the wind veered to N.W. briskly - the cloud dispersed & the atmosphere became smoky for the whole day.
Finished my wheat harvest - tho I had no Hessian flies the crop was small - kernels small & whithered - My determination is to sow no more - tis unprofitable.

Saturday 14 NW. 58, 82, 70 Fair – Cloudy 1/3 the day.
Wind varied from NW. to W. thence to N.W.–N.
Finished my Oat harvest, which has been pretty good, tho they would have been, better had not the rain sometime since injured them.

Sunday 15 NE. 61, 76, 58 Fair cloudy 1/3 day
Wind varied from NE to E–SE–SW.

Monday 16 NE. 55, 66, 59 Cloudy – Rain a little.
Wind varied from NE to E–SE–SW.

Tuesday 17 NE 57, 61, 60 Cloudy rain 5 10, 1 20th, 1 80th
From Epping to Exeter & from thence to Epping.

Wednesday 18 SW 58, 80, 67 Fair – Cloudy near 1/2 the day.
Wind varied from NE to N. NW–SW. Night great dew.
Grass hoppers are unusually plenty & threaten much damage to vegetation.

Thursday 19. SW. 62, 82, 76 Fair
Morning thick fogg.

Friday 20 SW 66, 86, 77 Fair
Wind varied from NW to W. from thence to SW.
The thermometer at 4 PM was 90 – at 5–92, at 6–91.
Moon changed 4h. 40m. PM. in the West.

Saturday 21. SW. 71, 89, 71 Fair
Wind varied from NW to SW. SE. then to SW. NW. NE. then NW SW. SE.
The thermometer at 2–90, 3–89, 4–91, 5–92, 6–89.
Finished my haying – The crop this year was very good.

Sunday 22 SW high 65, 86, 74 Cloudy – Rain.
Morning foggy – sun shone more than half the forenoon afternoon & evening rain 7. 10th

Monday 23. NW high 67, 71, 54 Fair; cloudy near half the day.
Wind varied from SW to N.W.

Tuesday 24. NW. 42, 66, 54 Fair
Wind varied from NW to N – NE – E – SE – SW.

Wednesday 25 SW. 43, 71, 59 Fair
Wind varied from NW to N – NE – E SE SW, so often that it was difficult to say what was the most prevalent.

Thursday 26 E. 49, 73, 54 Fair
Wind breathed from every point in the compass.
Night Aurora Borealis in the North.

Friday 27. NE. 53, 69, 58 Fair
Wind varied from E. to N.E.

Saturday 28. NE 57, 61, 54 Cloudy Rain
Moon quartered 9h. 55m. AM. in the S.W.

Sunday 29 NW. 61, 75, 61 Fair. Morning cloudy rain today & yesterday 2 inches 1. 10th, 1. 20th
Wind varied from NE to NW. & from thence to SW.

Monday 30 NW high 54, 63, 50 Fair.

Tuesday 31 SW. 44, 72, 59 Fair. Began to fat one of my working oxen by giving him green stalks. No frost this summer.

Summary for August.

The thermometer at the highest was 94, at the lowest 42, it averaged 70 2/3
The average at 6 O'Clock A.M. was 61 1/2, at 1 O'Clock PM 78 2/3 at 9 O'Clock P.M. 66 1/3.
The wind was West 2 days, South West 13, East 2, North East 6, & North West 8 days.
It was fair 25 days, cloudy 6; rain in 10, thunder 6, lightning 7 & fogg in 5 days.

Grain there fell 3 inches, 7 10th, 1 40th & 1 80th

Summary for Summer.

The thermometer at the highest was 94, at the lowest 42, it averaged 70 1/3.

The average at 6 O'clock A.M. was 63 1/6, at one O'clock P.M. 78 2/3 at 9 O'clock P.M. 67.

The wind was West 2 days, South West 38, South East 10, East 2, North East 14, & North West 26.

It was fair 76 days, Cloudy 16; rained in 34 days, hail 3, foggy 18, thunder 24 & lightning in 24 days.

Grain there fell 1 foot 6 10th, 1 20th, 1 40th & 1 80th

Two degrees warmer than it has been in any summer for the last ten years. & 4 1/2 degrees warmer than the average heat of those years.

There was more rain this summer than the usual quantity, & near double than any one of the two warmest summers.

Wednesday 1. S.W. 55, 81, 71 Fair

Wind varied from W. to S.W. at 5 O'clock P.M. it was 85.

Thursday 2 S.W. 65, 86, 80 Fair.

The thermometer at 3 O'clock P.M. was 90, 4-91, 5-93, 6-94.

Wind varied from SW to W & from thence to NW.

Friday 3. S.W. 74 91, 81 Fair.

At 3 O'clock P.M. 92, at 4-91, 6-89.

The atmosphere was smoky.

Wind varied from SW. to W. & from thence slightly to NW.

Saturday 4 SW. 67, 83, 77. Fair.

At 3 O'clock P.M. 86, 4-87, 5-88.

Moon fulled 1 h. 11 m. a.m. in the South.

Wind varied from NW. to W. thence to SW.

The atmosphere was smoky. For several days the forenoons of each day was perfectly cloudless.

Sunday 5 N.E. 64, 78, 59 Fair.

Wind varied from NE to E. SE. S.W. W. It was most at the NE & S.E.

Monday 6 S. 54, 78, 66 Fair - Morning very foggy.

Wind varied from SE to S. - thence S.W.

Tuesday 7, SW. 71, 73, 69 Cloudy - Some lightning & considerable thunder but distant - Rain. 3 10th, 1 20th & 1 40th

Wind varied from SW to W. NW - NE - E - SE & then to the SW. It is difficult to say which was most prevalent.

Wednesday 8. S.E. 64, 73, 65 Cloudy - some foggy. Late in the afternoon & till 9 O'clock in the evening much thunder & lightning - one heavy gale of wind. Rain 1 inch, 6 10th, 1 40th.

Wind varied from NE to E. SE thence W. NW. NE and to S.E.

Thursday 9 NW high 66, 74, 60 Fair
Wind varied slightly from NW to N.
I have frequently observed that when the wind changes from S.W. to N.W. at the first, for a number of hours the weather still continues warm, & so when it changes from NW to S.W. it remains cool. In both cases the air that is brot back partakes of that from which the wind had previously blown. This is a fortunate circumstance - it prevents much of the ill effects of sudden changes - is favorable to health & the products of the earth.
The Moon & 7 stars passed each other.

Friday 10 NW brisk 52, 66, 52 Fair.

Saturday 11 SW. 45, 66, 52 Fair
Wind varied from NW. to SW. S. S.E. E.
Moon quartered 4 h. 9 m AM. in the S.E.
Evening Aurora Borealis. Took my fees. Late swarms no honey.

Sunday 12 SW. 50, 76, 63 Fair

Monday 13 SW 53, 73, 68, Cloudy - morning foggy
Rain a little

Tuesday 14 NW high 65, 63, 39 Fair - Rain 1.20th
Wind varied from SW to NW. Small frost in night.

Wednesday 15 NW. 42, 59, 46 Fair.

Thursday 16 E. 41, 67, 52 Cloudy.
Wind from every point in the compass.

Friday 17 SW. 50, 69, 54 Cloudy
Wind varied from E to S.E thence to S.W.

Saturday 18 SW 49, 76, 62 Fair - Fogg in the morning in low ground. Wind varied from SW to W.

Sunday 19 SW 50, 76, 57 Fair Morn. little fogg.
Wind varied from SW to S. - thence to S.E.
Moon changed 8 h. 12 m AM. in South East.

Monday 20 NE strong 57, 56, 48 Fair. Morning cloudy.
Wind varied from NE to N.

Tuesday 21 NE strong 41, 54, 46 Fair.
Slight variation of Wind from NE to E.
In the night could hear the sea roar loud.
Began to gather my apples.

Wednesday 22, NE strong 44, 57, 49 Cloudy
Wind varied from NE to E. slightly.
Sun shone 1/4 of the day. Began to gather beans.

Thursday 23. SE 50, 64, 58 Cloudy Rain 9.10th
Wind varied from NE to S.E. Night foggy.

Friday 24 SE. 57, 68, 61. Cloudy Foggy, Rain
Sun appeared for a few minutes.
Wind varied from NE to NW, from thence to NE, thence to SE.

Saturday 25 SE 62, 62, 60. Fogg. Cloudy, Lightning thunder & rain 2 days 1 inch 8.10th, 1.20th & 1.40th
Wind varied from NE to NW - from thence to NE, E. S.E.

Sunday 26 NE high 55, 57, 59 Cloudy - Rain 1 inch 9.10th 1.20th
Moon quartered 6 h. 6 m. PM. in the south.

Monday 27 SW high 60, 72, 60, Fair.
Wind varied from NW to W. - SW.
In evening Small Aurora Borealis in the N & N.E.

Tuesday 28, SW. 56, 76, 62, Cloudy. Morning foggy.

Wednesday 29 N.E. 57, 63, 62, Cloudy - Rain 1.10th

Thursday 30, S. E. 57, 68, 56, Fair
Wind varied from NE to E. SE - SW.

Summary for September.

The thermometer at the highest was 91, at the lowest was 39, it averaged 61 & more than 2/3.

The average at 6 O'Clock a. m. was 55 3/4, at One Clock P. M. it was 70 & 1/6. & at 9 O'Clock P. M. 59 3/4

The wind was South West 13 days. South 1. South East 4. East 1. North East 7. & North West 4 days.

It was fair 18 days, cloudy 12; it rained in 9, fogg in 9. Lightning in 3 & thunder in 3 days.

Of rain there fell 6 inches 8 10th 1 20th & 1. 40th

Notes

Sept 11 The first frost in Canada that killed potatoe crops. The drought in Canada during the summer was great. The last of summer & Sept were at the South particularly in Virginia. The same in Ohio.

24th at Quebec the thermometer in the shade was above 80.

Friday 1 SW 56. 66. 60 Cloudy - evening lightning rain. 1 10th

Saturday 2 N.W. 50. 60, 45 - Cloudy - rain -

Sunday 3. N. W. 45, 50 - 45 Cloudy
Moon fulled 10 h. 40 m. in the morning North.

Monday 4. N. W. 39, 51, 40. Fair -
The south Horse Chesnut tree in the fore yard blossomed this year for the first time, & bore one nut, which fell off last night.

Tuesday 5. S. W. 38, 63, 57 Fair -

Wednesday 6. W. 55, 81, 68, Fair -

Thursday 7. S. W. 58, 82, 66, Fair -
Began to gather my Indian Corn.

Friday 8. S. W. 57, 76, 64 - Fair -

Saturday 9, S. 58, 73, 56 - Cloudy - Foggy in the morning & towards night - Wild Geese flew towards the S. W.

Sunday 10. S. W. 65, 58, 46 - Rain 5 10th Cloudy -
Moon quartered 10 h. 10 m. in the evening North East.

Monday 11. N. W. 38, 55, 44, Fair - Northern lights in the evening - First frost that killed a Vine.

Tuesday 12 SW 35. 56. 46 Cloudy. Night light in the North.

Wednesday 13 N. W. 39. 41. 30 Cloudy - little rain - some flecks of snow. Raised in my Garden a Water Melon Wt 20 lb.
Wind blew from every point of the Compass.

Thursday 14 NW. 26, 44. 40. Cloudy.

Friday 15 W. 40. 60. 49 Cloudy. Sun shone 1/3 day
Wind varied & blew from every point.

Saturday 16 SW. 47. 63. 58 Fair
Made all my Cyder - 8 barrels.
Little cyder, very little, made this year.

October 1819

Sunday 17 NW 48, 56, 40 Fair

Wind varied from NE to NW-SW & from thence to NW.

Morning foggy-cloudy 1/3 day- Evening Little rain.

many of the leaves have fallen from the trees in the wood, not by means of frost, but by being fully ripe.

Monday 18 NW & high 31, 41, 37 Fair. Cloudy near half the day.

Wind varied from NW to SW.

New Moon 11 h. 3 m. in the Evening. North.

Tuesday 19 SW 28, 52, 40 Fair Cloudy 1/4 of the day.

Wind varied from N.W. to SW. & from thence to NW.

Finished my Indian harvest & from about 3/4 of acre raised about 40 bushels.

The crops of Indian corn are very good this year.

Night rain, 2.10ths

Wednesday 20 NE. 41, 53, 44 Cloudy. Even. rain 3.10ths

Wind breathed gently in the course of the day from every point.

Thursday 21 S.W. 33, 51, 49, Fair.

Wind varied from NW to S.W.

Friday 22. NE 37, 48, 35 Cloudy rain 1.20th Little

Thunder in the day & little lightning in the east.

Wind breathed from every point at different periods.

Evening fair Light in the North.

Saturday 23 S.W. 28, 48, 45 Cloudy. Even. & night rain 3.10ths

Wind varied from N.W. to W. S.W & S.

I have now in my field mustard which spray from the seed of the present year, which is 4 inches high & still green.

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Sunday 24 S W. 45, 56, 43 Cloudy Rain 1.20th

Monday 25 S.W. 31, 42, 33 Cloudy. Snow 5.10ths but it principally dissolved as it fell.

Wind varied from SW to S. S.E. & N. E.

Finished gathering my potatoes on old ground the crop owing to the drought & rust was small- in new ground there was a common crop.

Tuesday 26 SW. 25, 44, 40. Cloudy.

A little before 1 O'Clock this morning being perfectly awake & bright starlight I heard a noise similar to thunder, cannon or an earthquake- neither the house or bed was jarred or trembled. I presume it was an air quake. The sound appear to me to continue a minute, it was loud- was west of me- & moved from North to South.

Moon 3 quarters 11 h. 3 M. evening in the North.

Wednesday 27. NW 33, 42, 31 Fair.

Thursday 28 S W 22, 48, 43 Fair Cloudy near half the day

Friday 29 S.E. 34, 56, 50 Fair. Cloudy 1/3 day. Night Joggy.

Wind varied from SW to S.E. E.

Some distant thunder in the N. NW.

Saturday 30 W. 49, 53, 40, Fair cloudy 1/3 day

Wind varied from SW. to NW.

Sunday 31 NW. 30, 42, 31 Fair

Wind varied from NW to W. SW.

Summary for October 1819

The thermometer at the highest was 82, at the lowest 22 it averaged 47.

The average at 6 O clock A.M. was 40 2/3, at One O clock P.M. 55, at 9 O clock P.M. 45 2/3.

The wind was West 3 days, South West 14, South 1, South East 1, North East 2, North West 10 days.

It was fair 16 days, cloudy 15; rain in 9, thunder 2, lightning 2, fogg 3, & snow in 2 days.

Of rain there fell 1 inch.

Of snow 5. 10ths

Notes

Oct 23d A great snow storm commenced with a high wind at the north west in & about London (England) & did considera=ble damage - The snow was near a foot deep - many trees were blown down & the roads in some places impassable.

November 1819

Monday 1 SW. 26, 48, 36 Fair.
Cloudy 1/4 of the day
Wind varied from NW to SW & S.
Moon fulled 10 h. 35 m. P.M. in the south

Tuesday 2. SW. 39, 50, 48 Cloudy Rain 5. 10ths
Wind tho small breathed from every point, so that it is difficult to say with certainty which was most prevalent.
Moon & 7 stars passed each other.
As the wind was so light & varied so often the clouds seems pressed above & around us caused great darkness a little after one in the afternoon, so that I was unable to read or write, & was obliged to keep a candle burning on my table for more than two hours. Soon after the darkness became visible it began to rain but the rain was moderate. The evening was not dark for a cloudy night & nearly a full moon. The rain ceased before night - the water from the house was dark resembling that in which were the filings of iron.

Wednesday 3. NW. 45, 52, 41 Fair Cloudy 1/3 day
At sunset a black cloud in the West - in the evening no wind or clouds but the atmosphere was smoky. At ten P.M. hazy - no stars, but moon to be seen

Thursday 4 NW. 39, 47, 39 Cloudy.
Wind varied from W to NW - N - N.E.
The wind was light - clouds light & the atmosphere was smoky.

Friday 5 NW & high 39, 45, 37 Fair.

Saturday 6 NW. 26, 42, 37 Fair.
Evening & night rain a little hail a little

Sunday 7 SW 39, 51, 39 Fair.
Wind varied from NW to W. S.W.
The atmosphere smoky.

Monday 8 NW brisk 31. 40. 31 Fair.

Tuesday 9 N. 25, 32. 35 Cloudy, Snow 1 inch rain 1.10th

Wind varied from SW to W-NW-N. NE.

at about 11 unusually dark - difficult to read without a candle. afternoon some fogg - night unusually dark & thick fogg.

Moon quartered 6h. 41m. evening in the North.

Wednesday 10 NE 42, 44, 34. Cloudy - Morning foggy - afternoon smoky. My apples rot very much.

Wind varied from NW. to N - thence to NE.

Thursday 11 NE. 31, 36, 42 Cloudy.

Wind light varied from NW to N - NE - SE.

The day was very dark - at 4 O Clock P.M. drank tea by candle light. The night was very dark.

Wild geese fly South West.

Friday 12. W 44, 61, 44 Fair. Some Fogg in Morning - in the day smoky.

Wind varied from N.W. to W. SW.

Saturday 13 NW high 42, 44, 34 Fair. cloudy near half the day Morning rain 1.20th Wind varied from W. to NW. N. NE

Evening Aurora Borealis. Little distant lightning in the North.

Note. On the 2d at Newbury Port Mt. the day was dark - candles were necessary & were used in some rooms - there was much severe thunder & lightning & the rain fell in torrents - the water was colored as with some dingy substance.

Sunday 14 NW brisk 26, 32, 23 Fair.

Monday 15, NW 21, 34, 29 Fair.

Wind varied from NW to W. Cloudy 1/3 of the day.

Tuesday 16 NE 29, 38, 37 Cloudy.

Wind varied from NE to N - NW - W.

Evening Foggy.

Wednesday 17 NE. 38, 51, 58, Cloudy Foggy Rain 3.10th 1.40

Wind varied from NE to N-NW but very light - at 4 O Clock P.M. it veered to South West & blew high - The thermometer was then 62.

Moon changed 0h. 48m. evening in the South.

Thursday 18 SW 40, 52, 39 Fair.

Wind varied from NW to SW - W - S.W. S.

Friday ~~Wednesday~~ 19 NW 40, 48, 35 Fair.

Wind varied from NW to W. S.W.

Saturday 20 S.W 25, 44, 34 Fair.

Wind varied from NW to S.W.

Sunday 21 NW brisk 38, 44, 31 Fair.

Monday 22 NE. 27, 34, 31 Cloudy. Little snow.

Wind varied from NE to N-NW-W. SW.

Tuesday 23 NE 30, 34, 31. Cloudy Foggy, Rain 2.10th & 1.40th Wind boxed the compass but was light.

Wednesday 24 NE 25, 29, 29. Cloudy Snow a little.

Wind varied from NE to N-NW.

Moon quartered 10 h. 45 minutes Morning in the East.

Thursday 25 SW 32, 45, 37 Cloudy little rain - 1st of the Evening fair then foggy.

The first week in this month at Norfolk Virginia the atmosphere was so clouded that for several days that objects could not be seen at a distance. Smoke was so intensely thick as to be offensive to the eyes. Some imputed it to great fires in the woods.

Nov 7. The great swamp west of Springfield, New Jersey, caught fire 4 weeks since, & is still burning, & about 3000 acres of wood & timber is destroyed. The inhabitants who live near it suffer much from the smoke.

Early this month, the snow in the North westerly part of New York was two feet deep.

Friday 26 SW. 37, 46, 44 Cloudy Light fogg.
Wind varied from SW to W. NE.

Saturday 27 NW 41, 48, 34 Fair Morning foggy.
Wind varied from SW to N. W.

The first week in this month at Montreal, Canada, unusual dark – the 9th it was so dark at 1 O Clock P.M. that candles were light in most houses. Rain, thunder & lightning – the water that fell from the roofs of houses contained a sediment resembling iron ore, smelt of sulphur.

In Buffalo N.Y. a little earlier the water was dark resembling soot.

At Eastport, Maine, on the 6th the darkness at 2 O Clock P.M. was so great that people could not read without candles & so continued for the day.

Sunday 28 NW 30, 34, 29 Cloudy } Night snow 5.10ths
Wind varied from NW to N.

Monday 29. NW 24, 28, 24 Fair
Wind varied from NW to N.

Tuesday 30 SW 19, 36, 32 Cloudy.
Moon & 7 stars together.

Summary for November.

The thermometer at the highest was 61, at the lowest 19. it averaged 37.
The average at 6 O Clock A.M. was 33, at 1 O Clock P.M. 42 & near 1/3. at 9 O Clock P.M. 35 2/3
The wind was West 1 day, South West 8, North East 7, north

North 1, & North West 13 days.
It was fair 16 days, cloudy 14; it rained in 5, hailed 1, snowed 4 & foggy in 8 days.
Of rain there fell 1 inch 1.10th 1.20th & 1.40th
Of snow 1 inch 6.10th

Summary for Autumn.

The thermometer at the highest was 91, at the lowest 19, it averaged 48 1/3
It averaged at 6 O Clock A.M. 43. at 1 O Clock P.M. 55 2/3 & more at 9 O Clock A.M. 47.
The wind was West 4 days, South West 35, South 2, South East 5, East 1, North East 16, North 1, and North West 27.
It was fair 50 days, cloudy 41; it rained in 23 days, fogg in 9, lightning 5, thunder 5, fogg 11, snow 3, & hail on 1 day.
Of rain there fell 9 inches & 1.20th
Of snow there fell 2 inches 1.10th

Notes

The last of October & first of November at sea on the West India coast the atmosphere was unusually smoky.

In Quebec, Nov 9th, it was dark, but small print could be read at 4 O Clock P.M. near the window – there fell a little snow it was discolored, of a sooty appearance. The air smelt disagreeable, resembling sulphur, soot & iron.

Middlebury Vt. Same day as dark as when the sun is 5 or 6 degrees below the horizon. The students used candles – cocks crowed – The night was unusually dark.

December 1819

Wednesday 1 SW. 29, 41, 32 Cloudy Snow 1 inch
Moon fulled 1 h. 16 m. P. M. in the North.
Thursday 2 NW 29, 41, 27 Fair - Even snow 3.10ths
Wind varied from SW to N. W.
Friday 3 NW 14, 23, 24 Fair.
Saturday 4 NW high 30, 37, 18 Fair.
Hail & snow 2.10ths
Sunday 5 NW 11, 24, 19 Fair.
Monday 6 SW 18, 34, 31 Fair.
Tuesday 7. W. 30, 41, 36 Fair - Cloudy near half the day.
Wind varied from SW to W.
Wednesday 8 SW. 41, 50, 42 Cloudy Smoky - dark.
Wind slightly varied from SW to S. E.
Thursday 9 SW. 41, 53, 36 Fair.
Wind varied from S. W to NW.
Morning foggy in low land - cloudy near half the day
& little rain. Making wall & picking rocks.
Moon quartered 3 h. 45 M. afternoon in the N. W.
In the night Snow 2.10ths Wind NW & high.
Friday 10 NW high 17, 19, 17, Cloudy.
Saturday 11 NW high 13, 18, 15 Fair

Note In Louisville Kentucky Nov 6 for 6 months preceding little or no rain - horses & cattle & hens dying for want of water - the tongues & throats are affected, & unable to swallow. The wood & timber land to a vast extent are on fire - & the smoke is so great as almost to suffocate the inhabitants.

December 1819.

Sunday 12 NW high 18, 23, 20 Fair
Monday 13 NW & W high 18, 26, 19 Fair.
Tuesday 14 W. 20, 29, 23 Cloudy Snow 1 inch 2.10ths
Wind varied from NW to W - from W. to N.
Wednesday 15 SW 27, 38, 30 Fair.
Wind varied from S. W. to NW.
Thursday 16 NW high 29, 32, 25 Fair.
Friday 17. NW 25, 35, 25 Fair.
Moon changed 1 h. 12 m. P. M in the North.
Saturday 18 NW 28, 34, 21. Cloudy.
Wind varied from N. W. to W.
Sunday 19 N & E. 27, 33, 37 Cloudy Little snow
Wind varied from N & E to E - S E.
Night wind high - Rain 6.10ths
Monday 20 SW. 33, 40, 32 Fair
Wind varied from SW to NW.
Tuesday 21, NW high 31, 36, 28 ~~Fair~~ - Cloudy near half the day.
Wednesday 22 SW. 24, 40, 32 Fair.
Wind varied from SW. to W.
Thursday 23 SW 30, 48, 42 Fair Night cloudy
Wind varied from S.W. to W. Moon quartered 4 Clock P M. South.

Notes. The drought in some parts of Pennsylvania appears to have been so severe that the rivers are dried - no grain can be grown - & water in some instances has been transported 4 miles for the daily consumption of families.

Early in November the coast-woods of Tennessee were on fire - some conjectured the fires extended even to the Rocky Mountains - for more than a week the sun & moon were seen but dimly & were often invisible when at a considerable elevation; & during many

December 1819.

night of the 24th not a star was discoverable & the frain every indication, I came a speck of a cloud floated in the atmosphere. The density & quantity of smoke was peculiarly offensive. The injury done to property was great.

was then great fires the occasion of the darkness we experienced in these eastern States?

Friday 24. NW 36, 39, 30 Cloudy - Rain 1 20th snow 4 inch. some miles.

Wind varied from SW to W. - NW - N.

Before it snowed an hour & the day was dark.

Saturday 25 NW 14, 13, 5 Fair.

Some people rode in sleys.

Sunday 26 SW 6, 29, 21 Cloudy Fair in afternoon

the day - little snow. 3 16th

Monday 27 SW 11, 25, 23 Fair Cloudy near half the day

Night snow 1 inch 2 10th

Wind varied from SW to N. Moon 4 7 Horn sup.

Bright sun day & the North of the sun afternoon.

Tuesday 28 NW bright 25, 27, 18, Fair - cloudy 1/3 day.

Wednesday 29 NW. 9, 16, 6 Fair.

Thursday 30 W. 9/5. 12, 6 Cloudy

Wind varied from W to NE in the evening a strong wind from N & a dry drifting snow.

Friday 31 NW bright 10, 11, 8 Fair, cloudy 1/4 the day

Snow drifted so as to impede the travelling in some places & leave the ground bare in others.

The snow of last night & this morning 1 foot.

Moon filled 6 h. 21 m. morning in the West.

Summary for this month.

The thermometer at the highest was 58, at the lowest 5 below zero, it averaged 25 & near 1/3.

It averaged at 6 o'clock a.m. 22 & near a 1/4, at 1 o'clock P.M. 31 1/3 & at 9 o'clock P.M. 24.

The wind was West 3 days, South West 10, North East 1 and North West 17 days.

It was fair 22 days, cloudy 9; it snowed in 10, rain in 3, & fogg in one day.

of rain there fell, 6 16th & 1 20th

of snow 1 foot 8 inches & 2 10th

Summary for the year.

The thermometer at the highest was 94, at the lowest 8 below zero, it averaged 46 1/2.

It averaged at 6 o'clock a.m. 40 1/2, at 1 o'clock P.M. 54, & at 9 o'clock P.M. 44 1/3

The wind was West 9 days; South West 120, South 6, South east 42, East 6, North East 64, North 1, & North West 117 days.

It was fair 231 days, cloudy 134; it snowed in 43 days, rained in 96, fogg in 52, hail in 8, thunder in 32, & lightning in 32 days.

of rain there fell 3 feet 9 inches 4 18th & 1 80th

Of snow there fell 8 feet 11 inches & 4 10th

January 1820.

Saturday 1 N.W. 0/3, 18, 2 Fair.

Sunday 2 NW 0/5, 24, 6 Fair.

Monday 3 NW. 0/4, 21, 19 Fair

Wind varied from N.W. to W.

Tuesday 4 NW 20, 29, 19 Fair

Wind varied from NW to W.

Wednesday 5 NW 16, 30, 12 Fair-Cloudy 1/3 day

wind varied as yesterday.

Thursday 6 NW 9, 21, 14 Fair cloudy near 1/2 the day.

Friday 7 NW 14, 23, 19 Fair cloudy 1/3 of the day.

Night snow 3 inches.

Saturday 8 N&E. 21, 23, 16 Cloudy Fair 1/4 the day

Moon quartered 11 h. 24 m. a m. in the East.

Sunday 9 N&E 17, 32, 16 Cloudy

Wind varied from NE to E-S.E-SW.

Monday 10 NW 11, 24, 20 Fair. cloudy 1/4 the day.

Tuesday 11 N&E 20, 27, 25 Cloudy Snow 4 inches.

Wind varied from N&E to N. NW.

Wednesday 12 W. 20, 26, 15 Cloudy

Wind varied from W to N.W.

Thursday 13 NW 6, 18, 14 Fair-Snow flew.

Friday 14 NW 12, 25, 16 Fair

Evening Aurora Borealis in the N. & N.W.

Saturday 15 NW 21, 26, 15 Cloudy-Fair 1/4 the day

Wind varied from W. to NW.

Moon changed 1 h. 27 m. P. m. South.

Sunday 16 N.W. 14, 22, 12 Fair

Wind varied from W. to NW.

Monday 17, N&E high 14, 30, 32 Cloudy Snow Hail 10 in the Little snow.

Wind varied from N&E to S.E.

In the Afternoon there was an uncommon strong wind & the snow flew so as to obscure the light for the distance of ten rods.

Tuesday 18 W. 17, 21, 12 Fair

Wind varied from W. to NW.

Wednesday 19 SW. 5, 30, 12 Cloudy Snow 7. 10 ths

Wind varied from N.W. to S.W-S.

Thursday 20 W. 13, 24, 14 Fair

Wind varied from NW to W-SW-S.

Friday 21. SW. 3, 23, 14 Fair

Wind varied from NW to W. SW.

Saturday 22 N&E. 15, 21, 19 Cloudy Snow 2 inches

Moon quartered 4 h. 34 m. in the N.W.

Sunday 23, NW 13, 22, 16 Fair.

Wind varied-was at every point.

Monday 24 NW high 11, 17, 8 Fair

Moon 47 stars passed.

Tuesday 25 SW. 9, 29, 17 Cloudy Snow 5 10ths

Wind varied from S to SW-W-NW.

Wednesday 26 NW 11, 22, 15 Fair.

Thursday 27 NW 19, 30, 20 Fair Cloudy 1/4 day

Snow 5 inches. Wind varied from SW to N.W.

Friday 28 SW 5, 27, 26 Cloudy Snow 2 10ths

Wind breathed from every point.

Saturday 29. N&E 23, 29, 25 Cloudy Snow 3 inches

Sunday 30 N&E 25, 32, 28 Cloudy-Little snow

Wind varied from N&E to E. Moon pulled 1 h. 21 m. a.m. South.

January 1820

Monday 31 W & high 15, 26, 11 Fair Snow 1 inch.
Wind varied from SW to W. – cloudy 1/4 the day.

Summary for this month.

The thermometer at the highest was 32 at the lowest 5 below zero – it averaged 17 2/3
It averaged at 6 O'clock A.M. 12 1/2, at 1 o'clock P.M. 23 4/5th & 9 o'clock P.M. 17 & 1/6th.
The wind was West 4, South West 5, North East 7 & North West 15.
It was fair 19 days, cloudy 12; snow in 9 hale 1 & rain 1.
Of snow there fell 3 feet.
Of rain none.

Notes

30th At Montreal, Canada the thermometer 8 O'clock A.M. was 8 below zero.
31st 9 above zero.

Tuesday 1 NW high 0/3, 0, 0/8 Fair
Snow flew – roads almost impassable – little travelling
Wednesday 2 SW 0/8, 8, 2 Cloudy, Snow 4 inches.
Wind varied from NW to SW – S – SE.
Thursday 3, NE 8, 21, 19 Cloudy Rain a little, hale & snow, 1 inch.
Wind light but from every point. Night wind high.
Friday 4 NW high 12, 19, [illegible] Fair.
Saturday 5 W. 0/4, 14, 2 Fair.
Wind was W – SW – E. NE & NW, but light.
Sunday 6 SW. 20, 45, 39 Fair
Wind varied from SW to W – NW.
Monday 7 SE. 30, 38, 29 Cloudy Snow 5 inches.
Wind varied from SW to SE – E – NE.
Moon quartered 4 h. 9 m. A.M. in the South East.
Tuesday 8 SW 19, 37, 31 Fair.
Wind varied from SW to W.
Wednesday 9, NE 21, 13, 10 Cloudy Snow 3 inches.
Wind varied from NE to N.
Thursday 10 N. 2, 27, 19 Fair Cloudy 1/4 the day.
Wind varied from N to NW – W – SW. S. – Night snow 3 inches 5. 10th
Friday 11 NE 22, 31, 20 Fair Cloudy 1/4 the day
Wind varied from N to NW – W – SW & thence to W. NW – NE.
Evening Aurora Borealis – a large beautiful bow extending from east to West.
Saturday 12, SW 12, 41, 33 Fair.
Sunday 13, SW 34, 50 38 Fair little rain
Moon changed ~~quartered~~ 10 h. 5 m. in the North.

February 1820.

Monday 14 SW 29. 47. 32 Fair
Wind varied from SW to S.

Tuesday 15 S.E. 35. 50. 45 Cloudy foggy little rain
From Epping to Portsmouth.

Wednesday 16 E. 31. 43. 36 Cloudy foggy little rain.
at Portsmouth.

Thursday 17. S.E. 34. 42. 37 Cloudy foggy Rain 1 10ths
Wind varied from NE - E - SE SW. W. NW.
From Portsmouth to Epping.

Friday 18 NW 34. 41. 24 Fair
Wind varied from NE to NW.

Saturday 19 NW 12. 26. 16 Fair
Wind varied from NW to W.

Sunday 20 S.E. 21. 34. 23 Cloudy Snow 4 inches
Wind varied from S. to S.E. - E. - N.E. } Moon & 7 Stars
Moon quartered 5 h. 33 m. in the South. } passed east thereof.

Monday 21 NW. 20. 33. 22. Fair. Cloudy near ½ the day.
Wind varied from W. to N. W.

Tuesday 22 SW. 15. 35. 24 Fair.

Wednesday 23 SW 16. 50. 34 Fair - Snowed in morning
Wind varied from SW to W.

Thursday 24 NE 32. 35. 30 Cloudy Snow 3 inches.

Friday 25 N.E 29. 38. 30 Cloudy.

Saturday 26 S.E. 32. 40. 36 Cloudy foggy rain } 3 10ths
Wind varied from SE to N.E.

Sunday 27 NW 35. 47. 38 Cloudy foggy Rain
Wind varied from NW to NE.

February 1820

Monday 28, NW 30. 44. 32 Fair
Moon passed 8 h. 21 m. - P.M. in South East.
Stars appear.

Tuesday 29 NW & high 17, 18, 15 Fair.

Summary for February.

The thermometer at the highest was 50, at the lowest 0/8 - it averaged 26.

It averaged at 6 O'clock P.M. 20¼, at 1 O'clock P.M. 33⅓, at 9 O'clock P.M. 24 2/3.

The wind was West 1 day, South West 8, South East 5, East 1, North East 5, North 1, North West 8 days.

It was fair 17 days, cloudy 12, it snowed in 7 days, rain 7, hail 1, & foggy in 5 days.

Of snow there fell 1 foot 11 inches 5 10ths

Of rain there fell 4. 10ths

Summary for the 3 winter months.

The thermometer at the highest was 58, at the lowest 0/8 below Zero, it averaged 23 7/16.

It averaged at 6 O'clock A. M. 18⅔, at 1 O'clock P.M. 29⅓, at 9 O'clock P.M. 22.

The wind was West 8 days, South West 23, South East 5, East 1, North East 13, North 1, North West 40 days.

It was fair 58 days, cloudy 33; it snowed in 26 days, rain in 11, fogg 6 & hail in 2 days.

Febrieary 1820

Of snow there fell 6 feet 7 inches 8/7. 10th

Of rain there fell 1 inch 1.20th

Notes.

1st at Montreal, Canada the thermometer at 8 O'clock am. was 16 below zero.
2d — 33 ditto
3. — 6 ditto
4 — zero
5 — 19 below zero.
15th at the city of Washington at 11 O Clock P.M. was 62.
16th at 7 A.M. 57- 7 P.M. 73- 9 P.M. 68- 11 P.M. 72.
17th at 7 3/4 am. 62.

The winter in Europe was unusually cold & stormy.

Dec 14th the thermometer in England was 19 below zero
Jan 14th it was 18 below.
11th at Paris in France 11 below.

This Winter, in Russia 35 1/2 below Zero.

At Lisbon the weather was so severe, that in one night, 35 fishermen & 3 sentenels was frozen to death. There formed 3 inches thick in one night, a circumstance unprecedented at that place.

Jan 25 at St Petersburg, Russia 22° Reamur.

March 1820

Wednesday 1 NW brisk 18, 30, 25 Fair.
Wind varied from N.W to W.

Thursday 2 NW brisk 17, 19, 9 Fair.
In the even a very bright moth moon to the south
of the moon & soon after equal as bright at the north.
The moon was then about one hour high. They appeared
for near an hour.

Friday 3 W 2, 19, 12 Fair
Wind often varied from SW to NW & from NW to SW.

Saturday 4 N°E 15, 30, 18 Fair cloudy 1/3 day
Snow 2 inches 5.10ths
Wind varied from N°E to NW. W.
Evening small Borealis.

Sunday 5 SW 16, 48, 39 Fair Cloudy 1/4 the day
Wind varied from SW to SE & from SE to SW.
Afternoon appearance of smoke in the atmosphere.

Monday 6 NW 37, 41, 23, Cloudy - fair 1/4 rain 1.20th
Foggy.
Wind varied from N°E to NW.

Tuesday 7 N°E 16, 24, 16 Cloudy, hale snow
Wind varied from N to N°E - SE. thence to N°E.
Moon quartered 4h. 59m. P.M in the North.

Wednesday 8 N°E 13, 20, 17 Cloudy Hail snow

Thursday 9 N°E 15, 23, 22 Cloudy Hail snow
Wind varied from N°E to E.
The snow & hail that has fallen these 3 days, A much of
it was hail, was 5 inches.

Friday 10 N℄. 30, 37, 29 Cloudy Rain 3 10h 1 20h 1. 40
Wind varied from N℄ to NW.
Saturday 11 NW brisk 25, 23, 15. Fair.
In the night Aurora Borealis.
Sunday 12 NW 5, 24, 15 Fair
Wind varied from NW to W. SW.
Monday 13 SW 17, 42, 30 Cloudy Fair 1/3 day.
Tuesday 14 N℄ 30, 46, 32 Cloudy Fogg. Rain. 6, 10h 1, 20h 1, 40h
Moon changed 8h. 47m a.m. S℄.
Sun eclipsed but not visible here
In the evening, distant lightning in the East.
Night snow 1 Inch.
Wednesday 15 NW brisk 31, 38, 30 Fair.
Thursday 16 NW brisk 24, 38, 26 Fair
Wind varied from NW to W.
Friday 17 N℄ 22, 34 28 Cloudy, Snow 1 Inch 5. 10h m
Wind varied from SW to S.-S℄-℄-N℄.
Striped squirrels appeared.
Saturday 18, N℄. 24, 42, 26 Fair
Wind varied from N℄ to N.-NW.
Sunday 19 SW. 25, 43, 30 Fair
Wind varied from SW to S.
Wild geese flying from the SW to N℄.
Moon & 7 stars paired each other.
Monday 20 SW 26, 49, 42 Fair
Wind varied from SW to S.
Dawees and Black birds appear

Tuesday 21 N℄ 38, 41, 34 Cloudy Rain 5 10h 1 20h
Wind varied from N℄ to N.-NW.
Moon quartered 9h. 22m. A.M. in the N. ℄.
Wednesday 22, N℄ 29, 34, 29 Cloudy.
Wind varied from N℄ to N.-NW.
Thursday 23 SW 24, 44, 38 Fair
Blue birds & Killdeer appear.
Friday 24 SW. 37, 60, 46 Fair
Wind varied from W. to SW.
Robbins, Larks, Sparrows & Woodwalls appear.
Saturday 25 SW 41, 63, 49 Fair.
Wind varied from W to SW.
Sunday 26 SW 44, 66, 41 Fair.
Wind varied from W. to SW. S.-SE-℄-NE.
Cuckoos & Butterflies appear.
Monday 27 N℄ 35, 44, 37 Cloudy, foggy, rain, 1 10h 1 20h 1 40h
Tuesday 28 W. brisk 32, 50, 41 Fair
Wind varied from SW to W.-NW.
Wednesday 29 W. brisk 30, 44, 27, Fair.
Wind varied from SW to W. NW-N.
Moon pulled 1h. 59m. P.M in the N℄.
Some people began to plow in Epping.
Thursday 30 NW high 17, 24, 19 Fair
wind varied from NW to N.
Friday 31 SW. 10, 35, 28 Fair.
wind varied from NW to W-SW-S.

March 1820.

Summary for this month.

The thermometer at the highest was 66, at the lowest 2, it averaged 29 2/3

The thermometer at 6 o'clock A. M. averaged 24; at one o' clock P. M. 37 2/3; at nine o'clock P. M. 28.

The wind was West 3 days, South West 9, North East 11 & North west 8 days.

It was fair 20 days, cloudy 11; it snowed in 6 days, rained in 5, hail in 3, fogg in 2, & lightning in 1 day.

Of snow there fell 9 inches
of rain there fell 1 inch 8 10ths

Saturday 1 W. high 31, 40, 30 Fair
Wind varied from SW to W-NW.
Sunday 2 NW 26, 39, 28 Fair.
Wind varied from NW. to N.
Monday 3 NW 19, 30, 23 Fair
Wind varied from NE to NW-W
Evening Aurora Borealis from NW to N-NE-E-SE.
Tuesday 4 NW. 16, 37, 23 Fair
Wind varied from NE to N.-NW-W-SW-S-SE.
It was difficult to say at what point it was longest.
Wednesday 5 S. 17, 48, 34 Fair.
Wind varied from SW to S.-SE.
People began to sow wheat.
Thursday 6 SE. 32, 42, 30 Cloudy. Snow 1 10th Rain 1 10th
Night Hawks appear.
Moon quartered 2 h. 27 m. A M. in the S. E.
Friday 7 S. 23, 42, 31 Cloudy, fair near half the day
Snow 2 inches 1 10th
Wind varied from SW to S-SE.
Saturday 8 W. 30, 45, 38 Fair, Cloudy near half the day.
Wind varied from SW to W-NW.
Sunday 9 N 29, 42, 31 Cloudy Fair near half the day
Wind varied from NE to N. NW.
Aurora Borealis in the evening.
Monday 10 NW. high 22, 40, 31 Fair
Wind varied from NW to W.
Evening bright Aurora Borealis.

April 1820

Tuesday 11 SW 21, 51. 42 Fair-Cloudy near half this day 10th
Wind varied from SW to S- S.E. Night rain 1.

Wednesday 12 SW. 42, 53. 42 Cloudy Rain a little
Wind varied from SW to S.E- from S.E to SW- W.
Moon changed 6h. 25m. evening in the West.
Evening foggy. Frogs begin to sing

Thursday 13 NW high 41. 53. 40 Fair.
Snow all dispelved in my fore yard.

Note On the 2d there was a fall of some inches of snow as far South as Virginia.

Friday 14 NW brisk 32, 48. 39 Fair
Wind varied from NW to W. Moon & 7 Stars Inspected each other.

Saturday 15 SW. 35, 55. 38 Fair.
Wind varied from SW to S.- S.E.

Sunday 16 NE 32. 47. 30 Fair
Wind Varied from NE to E- S.E.

Monday 17 NW. 31, 62. 48 Fair.
Wind varied from NW. to W
Martins & Swallows appear.

Tuesday 18 W. 39, 69. 56 Fair
Wind varied from NW to W- SW.
Began to haul out my winter's manure from the barn.
My bees began to work.

Wednesday 19 W. 47, 76, 62 Fair
Wind varied from W to SW- SW to W- NW.
Began to plow- to sow oats.
Snow all dispelved in the yard North of the House.

Thursday 20 NW 53, 75, 57 Fair.

Wind varied from SW to W- NW- N.
Moon quartered 2h. 49 m. A.M. in NW.
Laylock leaves as large as mouses ears.

Friday 21 SE 53, 66, 43 Cloudy Rain
Wind varied from SW to S. S.E- E.
Saturday 22 SE 40, 49. 43 Cloudy Rain } 3. 10th

Wind varied from NE to E- S.E.

Sunday 23 E. 47, 66, 47 Fair- Even. rain a little
Wind varied from NE to E- S.E.

Monday 24 NE 41, 51. 42 Cloudy Fair 1/16th
Wind varied as yesterday.

Tuesday 25 S.E 45, 64. 46 Fair
Wind S.E- Epping to Portsmouth.

Wednesday 26 S.E 45. 55, 38 Fair- Portsmouth
Same people in Epping began to plant Indian Corn.

Thursday 27 S.E 36. 51. 43 Cloudy
Wind varied from NE to E- S.E.
Portsmouth to Epping.

Friday 28 NE. 44. 57, 48 ~~Cloudy~~ Fair.
Wind varied from NE to E. S.E.
Moon fulled 2h. 49m. AM. in the West.

Saturday 29 NE 45, 59, 46 Fair
Wind varied from NE to E- S.E. S. SW
Leaves on apple trees as long as 1/4 inch- on apple trees as large as a mouse ear. Sawbugs appeared
Sowed Barley- finished sowing my oats.

Sunday 30 NE 52, 57, 41 Fair
Wind varied from NE to E- S.E- S.

April 1820.

Summary for this month.

The thermometer at the highest was 76, at the lowest 16, it averaged 42 1/3.

The thermometer at 6 O'clock AM. averaged 35 1/2; at One O'clock P.M. 52 1/near 2/3. at 9 O'clock P.M. 39 2/3.

The wind was west 4 days, South west 3, South 2, South East 6, East 1, North East 5, North 1. North West 8 days.

It was fair 22 days, cloudy 8; Snow in one, Rain in 6 days fogg in one day.

Of Snow there fell 2 inches 2.10ths

Of Rain 5.10ths

This month has been unusually dry. The average fall of rain in the months of April for the last 12 years, in which this month is included was as follows

inches.	10ths	20ths	40ths	80ths
2	6	1	1	0 11/12.

The rain this month was Less than a 5th of the average fall.

May 1820

Monday 1 NW. 35. 73. 57 Fair
Wind varied from SW to W. NW. N.
In the morning light fogg from 5 to 6 O'Clock after which the atmosphere was smoky, Sun appeared red, & did not hurt the eyes.
In the evening Aurora Borealis.

Tuesday 2. N by E 37, 54, 37 Fair
Wind varied from NE to E. SE. S.

Wednesday 3, SE 30, 61. 40 Fair.
Wind varied from S E to S. SW & back again.

Thursday 4. S. 34. 66, 48 Fair.
Wind varied from SE. to S. SW.

Friday 5 S. 37. 70, 48 Fair Moon quartered 9h. 34 M. AM. in S.W.
Wind varied as yesterday.

Saturday 6 S by E. 39, 65, 42 Fair
Wind varied from N by E to E. S by E. S. Thunder both again.
The blossoms on my peach trees begin to appear.
The atmosphere for many nights till this have been cloudless.

Sunday 7 N by E 40. 52. 48 Cloudy little foggy & little rain.
Wind varied from N by E to E. S. by E.
Blossom begin to appear on Black heart cherry trees.

Monday 8, N by E 43, 58, 45 Fair cloudy 1/3 day
Wind varied from N by E to E. S. by E.

Tuesday 9 NW by N. 46. 61. 51 Fair little rain.
Wind varied from NW to N.

Wednesday 10 NW 39, 68, 54, Fair.
Wind varied from NW to SW.
Humbirds, Gold Finches & Bobolinks appeared.
Began to plant my potatoes.
Thursday 11 S-E. 51. 73, 54 Cloudy, Rain fair
1/3 of the day. King birds & yellow birds appear
Wind varied from N.E. to E- S.E. S.
Morning atmosphere smoking afternoon rainy.
evening little distant lightning & thunder.
Friday 12 SE. 55, 70, 60 Cloudy - fair 1/3d day.
Wind varied from SE to S. SW.
Rain yesterday & to day 4.10th
In afternoon. distant thunder & lightning in the West
Moon changed 4h. 12 M. AM. in the North East.
Began to sow my garden.
Saturday 13 SW. 56, 71, 55 Cloudy fair 1/5 day
Rain 1.40th Wind for a few minutes high.
Wind varied from E to SE- S- SW.
Apples begin to bloom - Peach & cherry in full bloom.
Began to plant my Indian corn.
Sunday 14 SW. 51, 70, 58. Fair Cloudy 1/6 day
Slight variation of wind from SW to S & back again.
I have one apple tree & Quince in full bloom.
Monday 15 W. 49, 68, 54 Fair
Wind varied from SW to W- NW- NE. thence back to W.
Finished planting my Indian corn.
Field straw berries in full blossom.

Tuesday 16 NE 47, 55, 51 Cloudy, rain
Wednesday 17, NE 48, 54, 49 Cloudy, rain
Wind veered from NE to E- SE- & back again.
Epping to Hampton Falls & back again.
Thursday 18 NE 48, 49, 44 Cloudy, Rain
Wind veered from NE to E.
Morning fogg on the hills.
Friday 19 NE 44, 44, 46 Cloudy Rain
Wind varied as yesterday.
Moon quartered 8h. 40 M. AM. in South West.
Saturday 20 NE 46, 48, 46. Cloudy - Rain
Wind varied from NE to E- SE, & back again
In Even fogg on the high lands in the night covered the atmosphere.
Sunday 21 SE 48, 57, 49 Cloudy Rain
Wind varied from NE to E- SE- thence to E.
Evening fogg on high lands. Rain for 6 days 2 inches 8, 10th 1. 20th
Sunday 22, SW 49, 68, 57 Fair Cloudy 1/3 day
Wind varied from SE to SW- W- NW.
Sowed my garden pease.
Apples trees blossom abundantly.
Monday 23 SW 58, 77, 61 Fair Cloudy 1/6
Wind varied from SW to S- SE- W.- NW.
Thunder & lightning in the SW- S- SE.
Finished planting my potatoes.
Tuesday 24 NW 65, 65, 54 Fair Cloudy near half the day
Wind varied from NW to SW- E.

Thursday 25 NW 48, 65, 49 Fair Cloudy 1/8 rain 1.10th
Wind varied from SW to NW.

Friday 26 NE brisk 44, 37, 37 Cloudy, Hail snow Rain 8.10ths

Saturday 27 NW 39, 54, 46 Cloudy Fair 1/3 day.
Moon fulled 4h. 58m. PM in the East.
The frost in the night killed brakes, & cut down Indian corn.

Sunday 28 NE 47, 67, 47 Fair. Night small frost.
Wind varied from NW to NE - E - SE - S.

Monday 29 SW. 48, 67, 55 Cloudy Fair 1/4
Thunder lightning & rain 2.10ths
Wind varied from SE to SW & NW & back again.

Tuesday 30 SW 55, 72, 59 Cloudy - Fair 1/3
Thunder, lightning - rain
Wind varied from SW to NW & back again.

Wednesday 31 NE 52, 62, 51, Cloudy - Fair 2 hours
Wind varied from NE to E - SE - South.
Rain these 3 days 5.10ths 1.20th

Summary for May.

The thermometer at the highest was 77, at the lowest 34, it averaged 52 2/3.

The thermometer at 6 O'clock a.m. averaged 46, at 1 O'clock P.M. 62 nearly, & 9 O'clock P.M. 50.

The wind was West 1 day, South west 6, South 2, South East 5, North east 11, & North west 6 days.

It was fair 16 days, cloudy 15; fogg in 5, rain 15, lightning 5, thunder 5, hale 1 & snow in 1 day.

Of rain there fell 4 inches 9.10ths & 1.40th

Summary for the Spring

The thermometer at the highest was 77 at the lowest 2, it averaged 41 1/2

The thermometer at 6 O'clock averaged 35 1/6, at One O'clock PM 50 2/3 at 9 O'clock PM. 39 2/3.

The wind was West 8 days, South West 18, South 4, South East 11, East 1, North East 27, North 1, & North west 22 days.

It was fair 58 days, cloudy 34; it snowed in 8 days, rain in 26, hail 4, fogg 8, lightning 5, & thunder in 5 days.

Of snow there fell 11 inches 2.10ths

Of rain 7 inches 2.10ths

May 29 a violent storm of hail did much damage to the crops in Cambden So. Ca. it was 3 miles wide.

Thursday 1 NW 54. 66, 65 Fair
Wind varied from NW to N.
Planted cucumber, musk melon & watermelon seed.
Samuel planted his potatoes.

Friday 2. NW 54. 77, 69 Fair
Wind varied from W to NW & from thence to NW.
The atmosphere was smoky, particularly high land, & the sun appeared red.
The day & the night was cloudless.

Saturday 3 S & E. 56, 76, 61 Fair
Wind varied from N & E to E - S & E.
Morning smoky - afternoon & evening clouds began to appear
Moon quartered 2 h. 12 m. P.M. in the North West.

Sunday 4 S & E 60, 77, 61 Fair
Wind varied from N & E to E - S & E - S.
Pinks, Snow balls
Pinesapples in my garden in full blossom.
Evening cloudy - foggy.

Monday 5 NW 61. 71. 57 Cloudy - Morning foggy
Wind varied from S & E to S W - W - NW - N.
Flower's de Luce in full blossom.

Tuesday 6 NW high 53, 63, 52 Fair - Cloudy 1/4 day
Wind varied from NW to N.

Wednesday 7 NW 52, 68, 59 Fair
Wind varied from S W to NW.
Sowed 2 1/2 pecks of plaster of Paris on about 32 square rods of land east of Samuel's barn staked on each corner. The wind blew so hard that it sowed unequally. The land has for several years borne white of rye only.

Thursday 8. W brisk 53, 75, 60 Fair Cloudy near 1/2 the day.
Wind varied from S W to W. - N W.
Began to weed my corn. 7 Hands at noon together.
Atmosphere smoky.

Friday 9 S E. 57. 70, 59 Fair.
Wind varied N E to E - S. E. - S W.

Saturday 10 N E 52, 57, 52 Cloudy, Rain 2.10 hs
Evening fair - Night foggy.
New moon 2d h. 51 m. in the South West.

Sunday 11 S E. 51. 67, 55 Fair.
Wind varied from N E to S E - S.
Morning & evening foggy.

Monday 12 S E 52, 73, 57 Fair
Wind varied from S W to S. - S E.
Morning foggy.

Tuesday 13 ~~S.~~ S. 56. 77. 62 Cloudy - fogg rain 1 inch.
Some distant Thunder & lightning.
Wind varied from N E to E - S E - S W - N W.

Wednesday 14 S E. 68, 79, 57 Cloudy. Thunder lightning Rain 6.10 hs, 1.20 hs, 1.40 hs
Wind blowed from every point.

Thursday 15. S. E 57, 76, 65 Cloudy. Thunder lightning & rain. 3.10 hs
Wind varied from N E to E - S E - S - S W.
Evening small Aurora Borealis.

Friday 16 S E 64, 75, 59 Fair
Distant thunder, lightning. Little rain.
Wind varied from N E to E - S E - S & S W.
Night dew great.

Saturday 17. S. 63. 76. 62 Fair
Wind varied from SW to S.
Sunday 18 S. 53. 77. 65 Fair.
Wind from SW to S. Some strawberries ripe
Moon quartered 2h. 7m. PM. in the South East.
Monday 19 SW 62, 84, 72 Fair
The thermometer at 3 O'clock PM. was 87. 5'-93. 6'-94
Wind varied from SW to W.
Tuesday 20 SW 70. 87. 79 Fair
Wind varied as yesterday.
The thermometer at 3 O'Clock PM. 90-4-93. 5-95. 6-93.
My White roses begin to blossom.
Wednesday 21 SW 72, 93, 85 Fair
The thermometer at 2 O'clock P.M. 95. 3-96. 4-98. 6-101.
Wind from SW. to W. from W to SW-S.
Evening little distant lightning in the North.
Red Rose began to blossom.
Thursday 22 W. brisk 78. 94. 80 Fair
The wind varied from SW to W. NW-N.
The evening atmosphere smoky.
The thermometer at 3 O'clock PM. 95-4-96. 5-98, 6-99.
Friday 23 NW brisk 65, 81. 69 Fair
Wind varied from NW to N.
The atmosphere smoky - till 10 O'Clock AM. the smoke & haize obscured the sun the eye could look at it without pain.
Began to mould my corn.
Saturday 24. SE 64. 76. 60 Fair
Wind varied from NE to E-SE-S-

Sunday 25 NE. 58, 85, 61 Cloudy, morning foggy
Fair near half the day - Little thunder. Rain 8.10th
The wind was from every point, but longest from the NE & S.E. but difficult to say which was prevalent.
My Oriander began to be in blossom.
Monday 26 NW high 64. 69. 61 Fair. } Few strawberries this year.
Wind varied from NW to N. -
Moon fulled 2h. 34m. AM. in the South west
Tuesday 27 NW. 61. 75. 67 Fair Cloudy 1/4.
Wind varied from NW. to W. SW.
Wednesday 28 NW brisk 66. 72. 65 Fair.
Thursday 29 SW 62, 84, 76 Fair
Wind varied from W to SW.
Atmosphere smoky - hazy
Friday 30 W. 69. 94. 84 Fair
Wind varied from W to SW & vice versa.
Morning & evening smoky. } Nearly in my field in blossom
Thermometer at 3 PM 96-4-98. 5 & 6-99.
Notes June 19th In the county of Rockland N.Y. a severe storm of hail 2 miles wide, (violent 1 mile). In some places 18 hours after it was 18 inches deep. After the storm was over the wind was violent. Trees that have with stood the storms 300 years are levelled with the ground, & in some places so thick that a person on foot could with difficulty get thro with difficulty; many farmers have lost all their crops.
8th A slight frost in the morning in the vicinity of Quebec.

June 1820

Summary for this month.

The thermometer at the highest was 94, at the lowest 51 it averaged 67.

The thermometer at 6 O'Clock A.M. averaged 60¼, at 1 O'Clock P.M. 76 & nearly ½; at 9 O'Clock P.M. 64½.

The wind was West 3 days, South West 4, South 2, South East 10, North East 2, & North west 10 days.

It was fair 24 days, cloudy 6; fogg in 7, rain in 5, thunder in 4, & lightning in 5 days.

Of rain there fell 2 inches, 9 10ths, 1 20th & 1 40th

On the 30th at Montreal Ca the thermometer at 7 O'Clock A.M. was 75 a 3' P.M. 93.

21st The thermometer at Halifax (Nova Scotia) in the sun stood at 127, & in the shade at 90.

18. The thermometer at Shawneetown, (Illinois) in the shade was 97.

19th 96, 20th 96, 21st 94, 22d 88, 23d 91.

Saturday 1 NW brisk 78, 85, 71 Fair

The atmosphere smoky all the day.

Began to kill my corn.

Sunday 2 S.E. 61, 80, 67 Fair. Atmosphere little smoky.

From Epping to Portsmouth.

Moon quartered 6h. 47m. P.M. in the North.

Monday 3 SW. 65, 87, 82 Fair.

From Portsmouth to Epping.

Atmosphere smoky.

Tuesday 4 S.W. 68, 91, 77 Fair.

Wind varied from SW to W & vice versa

Morning foggy. Atmosphere smoky.

Thermometer at 4 P.M. 94.

Wednesday 5 SW 76, 93, 86 Fair

Wind varied as yesterday.

Finished hoeing my corn.

Thermometer at 3 O'Clock P.M. 94, 4–98, 5–100, 6–101.

Evening lightning in the west.

Thursday 6 SE 76, 93, 78 Fair

Wind varied from NE to E – SE & vice versa.

Thermometer at 4 O'Clock P.M. 88. at 5 & 6 – 83

afternoon distant thunder – evening much lightning & thunder but distant.

Moon & 7 stars passed each other.

Friday 7 S 72, 91, 75 Cloudy Fair 1/4

Wind varied from SW to S – SE – E.

From 1 O'Clock P.M. to 7 it thundered – lightned some & every appearance of rain but not so much as a dew

most of the thunder was distant, but some nigh.

Morning some fogg.

Saturday 8 S W. 71. 89. 76 Fair. Rosberries ripe.
Wind varied from S to SW. & vice versa
The thermometer at 4 O'clock PM was 95. at 6-97.

Sunday 9 SW 72, 91. 80 Fair
Wind varied as yesterday
Thermometer at 3 & 4 O'Clock PM 89. 6-86.
Considerable thunder & lightning but no rain.
In the afternoon for 2 hours no wind - not a leaf moved all was still, previous to this for an hour the wind breathed briskly - Cloudy 1/3 of the day.

Monday 10 S E. 70, 86. 72 Fair
Wind varied from N E to E. S E - S.
afternoon distant thunder
Evening a gentle rain 1.30th
Moon changed 3 h. AM. in the North East.

Tuesday 11 N E 64, 76. 64 Fair.
Wind varied from N E to E - S E.
Evening foggy. my Cucumbers begin to blossom.

Wednesday 12 S W. 63. 88. 82 Fair. Morning foggy.
Wind varied from S E to S - S W.
afternoon distant thunder & lightning.
Thermometer at 3 O'Clock PM. 92, 4-95. 6-90.

Thursday 13 W. 75. 90. 70 Fair. Began haying.
Wind varied from S W to W - N W.
Thermometer at 3 O'Clock PM. 93. 5-102, 6-104
at 6 O'Clock began thunder & lightning
From 7 till nine in the even. much vivid lightning & loud thunder. The wind for a few moments was high

it blew down apple trees & fruit trees.
The Rain that fell during those 2 hours was 3 inches.

Friday 14 S W. 72. 76. 70 cloudy
Wind varied from S to SW - W - NW & vice versa.
Some thunder & lightning - Rain 1 inch. 9. 10th 1. 20th

Saturday 15 NW. 67. 78. 73 Fair cloudy near 1/2 day
Wind varied from S W to W - NW - N - N E.
my Indian Corn began to spindle.

Sunday 16 S W. 64. 86. 73. Fair. Hazy
Wind breathed from every point.
afternoon little distant thunder in S W. Evening lightning in the north.

Monday 17. S. W. 63, 82, 75 Fair.
Wind varied from S W to W.
The thermometer at 3 O'clock PM. was 84, 4-87. 6-93.

Tuesday 18 S W. 68. 84. 77 Fair
Wind varied from S W to W. from W. to S W - S.
The thermometer at 3 O'Clock PM. was 86, 4-89, 6-96.
Moon quartered 6 h. 21 m. AM. in the North.

Wednesday 19 S.W. 69, 85, 66 Cloudy - fair near 1/2 the day.
Wind from every point of the compass.
afternoon & night thunder, lightning & rain 3 10th & 1. 40
From Epping to Portsmouth & back again.

Thursday 20 S W. 65, 80, 63 Fair Cloudy 1/3 day.
Wind as yesterday
afternoon little distant thunder rain 4 10th 1. 20th — + 40 1

Friday 21 S W. 61. 81. 66. Cloudy - Fair near 1/2 the day
Wind varied from S W to S - S E. & vice versa
Distant thunder - evening distant lightning. Little rain.

July 1820

Saturday 22 NE 60. 72. 63 Fair. Cloudy 1/3 day
Morning some fogg.
Wind varied from NE to E- S.E.
Sunday 23. S.E. 61. 77. 62 Fair
Wind varied from E to S.E.- S.
Note. At Montreal C.E. 1st instant the thermometer at 7 O' Clock a.m was 64 at 3 O'clock P. M. 100.
Monday 24 S.W. 56. 79. 65 Fair
Wind varied from S.W. to S.- S.E.
Tuesday 25. W. 63. 81 82 Fair
Wind varied from S.W. to W.- N.W.
The thermometer at 4 & 5 O'clock P.M. was 93. at 6-92.
Moon fulled 10 h. 29 m. a.m. in the North west.
Wednesday 26 S.W. 69. 89. 80 Fair
Morning atmosphere smokey.
Wind varied from S.W. to W.-N.W. thence back to South.
The thermometer at 3 O'Clock P.M. 92. 4-94. 5 & 6-98.
My crop of currants this year very small.
Thursday 27. S.W. 75. 81. 72 Cloudy rain 2.10ths
& Little distant thunder in the S & S.W.
Wind varied from S to S.W.-W. N.W & back again.
Evening distant lightning in the North- fogg in lowland.
Friday 28 S.W. 66. 85. 78 Fair
Wind varied from S.W. to W. thence to S.W.- S.
Thermometer at 3 O'Clock P.M. 88. at 5-87 distant thunder lightning Rain
Note July 12 Upper Red hook, Dutchess County N.Y. for a week or ten days thermometer from 90 to 98- for 6 weeks no rain.
5th at Saratoga thermometer for a week ranged from 80 to 90.
4th at Burlington at 96. 5th & 6th 93.
5th at Troy N.Y. at 12 O'Clock 97½ & at 6' 93. 10th at 3 O'clock P.M. 96
13th at Salem N.Y. 95

Saturday 29. S.W. 71. 86. 76 Cloudy- Little distant thunder. Rain 2.10ths Morn. some fogg.
Wind varied from S.W to S. & vice versa
The late heavy showers of rain has very much injured the crop of Oats.
Sunday 30 S.W 72. 88. 75 Fair. Cloudy near 1/2 day.
Wind varied from S.W. to W.N.W. & vice versa.
Little distant thunder. Rain 2.10ths
Morning & evening fogg in low land.
My vines afforded me cucumbers to eat.
Monday 31 N.W. 69. 84. 76 Fair
Wind varied from S.W to W.-N.W.

Summary for this month.

The thermometer at the highest was 93, at the lowest 56, it averaged 75.
The thermometer at 6 O'clock averaged 67 3/4, at 1 O'clock P.M. 84 1/2 at 9 O'clock P.M 73 1/2 nearly.
The wind was West 2 days, South West 19, South 1, South East 4, North East 1, North West 4.
It was fair 25 days, cloudy 6; rain in 10, thunder in 15, lightning 12, & fogg in 8 days.
Of rain there fell 6 inches, 1, 10th 1, 20th & 1. 80th
21st In Hope, a township in the State of Maine, in the afternoon was a tremendous thunder storm- in some place it was fair there fell from 6 to 8 inches of rain- in others the hail was great & under some fences was 6 inches deep- some of it remained the days after. It destroyed much vegetation

Tuesday 1. N.E. 66. 81. 65 Cloudy - distant thunder in the South West. Rain 2 10th 1 40th
The wind varied from SW to W. NW - N.E.
The atmosphere was smoky.
Moon quartered 1 h. 41 m. A.M. in the South east.

Wednesday 2. SW 66. 80. 67 Fair
Wind varied from SW to W. NW. NE & vice versa.
Little thunder - Rain 1 80th
atmosphere some smoky

Thursday 3 NW brisk 56. 72. 62 Fair
Wind varied from NW to W - SW & vice versa
Some smoke in the atmosphere.

Friday 4 SW. brisk 61. 83. 67 Fair, Cloudy near 1/2 the day.
Thunder, lightning. Rain 1 10th 1 20th & 1 80th
Finished my Oat harvest.

Saturday 5 SW. 64. 83. 63 Cloudy - Fair 1/3 day.
Wind varied from SW to W - NW - N - NE.
Little thunder & lightning - Rain 1 20th 1 40

Sunday 6 NE 59. 77. 64 Fair
Wind varied from NE to E - SE - S.

Monday 7 S. 57. 80 or 67 Fair
Wind varied from NE. to E. SE - S - SW & thence to S. SW.

Tuesday 8 SW 59. 79. 69 Fair Cloudy near 1/2 the day
Wind varied from SW to S. Morn. fogg in low land.
Moon changed 5 h. 12 m P.M. in the west.

Wednesday 9 SW. 66. 87. 79 Fair - Morn. fogg in low land
Slight variation of wind from SW to NW & vice versa.
Thermometer at 5 O'Clock P.M. 90.

Thursday 10 S.W. 72. 89. 75 Fair, Cloudy near 1/2 day
Morning atmosphere somewhat smoky
Wind varied from SW to S - SE - E. & back again.
Distant thunder. Rain 3 10ths

Friday 11 S. 70. 84. 77. Fair.
Wind varied from E to SE - S.
Atmosphere smoky. Morning fogg in low land.

Saturday 12. SW. 71. 92. 78 Fair
Thermometer at 3 O'Clock P.M. 94 - at 4 - 95 6 - 84.
Wind varied from W to SW. SW to W. NW & vice versa
Distant thunder & lightning little rain. No dew in the night.
Began to cut stalks to fat my cattle.

Sunday 13 NW brisk 73. 82. 70 Fair
Wind varied from SW to NW - thence to N. NE.

Monday 14 SE 63. 74. 57 Fair.
Wind varied from NE to E - SE. Dew in the night.
Sowed a peck of salt on 1/4 acre of land on the east side of the road on the east side of the road north of the small apple tree - the grass was mowed 7 days ago.

Tuesday 15 SE. brisk 54. 75. 64 Cloudy.
Wind varied from NE to E - SE - S.
No dew in the night.

Wednesday 16 SE. 60. 75. 64 Cloudy Fair 1/8 day
Wind varied as yesterday
Moon quartered 8 h. 57 m. P.M. in the South West.

Friday 17 NE 57. 66. 61. Cloudy. Rain 6 10th 1 20th 1 40th
Wind varied from NE to E - SE. & vice versa.
Had a fire in my office more than half the day.

Saturday 18 W. 60. 77. 66 Fair.
Morning foggy. Wind varied from SW to W. NW & back again.

August 1820

Saturday 19 NW. 60. 74. 63 Fair
Slight variation of wind from NW to N.
Sunday 20 NW. 56. 74. 59 Fair
Wind varied from NW to W. thence to NW N.
Monday 21 NW. 49. 70. 61 Fair } Martin birds left us.
Wind varied from NW to N. Highly
Finished my hayeing. The crop this year on my landows great – my upper field averaged two tons to the acre – my lower field was much better than last year.
In afternoon atmosphere a little smoky.
Tuesday 22 NW 51. 74. 61 Fair
Wind varied from NW to W. SW.
Atmosphere same smoky.
Wednesday 23 S&. 54. 80. 62. Fair Night dew great.
Wind varied from NW to SW – S. S&. &.
Moon fulled 6 h. 1 m. P.M. in the east.
Atmosphere more smoky than yesterday.
In the evening foggy rose from rivers & low lands.
Thursday 24 S. & 54. 79. 66. Fair. Cloudy 1/3 day.
Wind varied from N & to & – S. &. SW. Swallows depart.
Morning foggy – after that atmosphere same smoky.
Night rain 1/, 10th, 40th

Friday 25 S 62. 81. 64 Fair – Cloudy 15th day
Wind varied from SW to S. S & – & & vice versa
Little rain.
Saturday 26 S. 66. 80. 70 Cloudy – fair 16th day
Wind varied from South to S. &.
Evening Little distant lightning in the West. Night rain 20th/40

Sunday 27 SW. 61. 76. 65 Fair.
Wind varied from SW to W. NW.
Swallows returned again a few.
Monday 28 SW. 55. 76. 58 Fair.
Wind varied from SW to S.
Tuesday 29 SW 49. 77. 60 Fair
Wind varied from SW to S.
Atmosphere same smoky. Fogg in low land early in the morning.
No swallows to be seen.
Wednesday 30 S&. 62. 76. 62 Fair
Wind varied from N& to &. S&.
Atmosphere considerably smoky
Moon quarter 10 h. 6 m. A.M. in the South West.
Thursday 31 S& 56. 70. 63 Cloudy – Foggy morning
Wind varied from & to S. &.
Swallows returned again a few.

Summary for August.

The thermometer at the highest was of 2, at the lowest 49, it average 67 2/3.
The thermometer at 6 O'clock A.M. averaged 60 1/4 at One O'clock P.M. 78, at 9 O'clock P.M. 65 1/2 nearly. ~~67 2/3~~.
The wind was West 1 day, South West 10, South 4, North East 4, East 3 & North West 6 days.
It was fair 24 day, cloudy 7; rain in 9. thunder in 6, lightning 4, & foggy 7 days.
Of rain there fell 1. 10th 20th

August 1820.

Summary for the summer.

The thermometer at the highest was 94, at the lowest 49, it averaged 69 2/3.

The thermometer at 6 o'clock Am. averaged 62 2/3 at 1 O' Clock P.M. 79 2/3 at 9 O' clock am. 67 2/3.

The wind was west 6 days, South west 33, South 7, South East 21, South East 6, North West 20

It was fair 73 days, cloudy 19; rain in 24 days, thunder in 25, lightning 21 & fogg in 22 days

Of rain there fell 10 inches 7 10ths 1 20ths 1 40ths & 1 80th

Note

August 26th The thermometer at Bagdad in the shade was 120 of farenheit, at midnight 108; so says the Gazette &. Many persons died, & the priests propagated a report that the day of judgt was at hand.

September 1820.

Friday 1 SW 62. 82. 62 Cloudy. Fair near half the day
Wind varied from S to SW- to NW & vice versa.
Thunder & lightning Rain 3. 10ths

Saturday 2 NW brisk 53, 68 58, Fair.
Wind varied from NW. to N.
near sunset atmosphere some what smoky.

Sunday 3 SW. 49. 75, 63 Fair.
Wind varied from N to NW- W- SW.
Even. Aurora Borealis.

Monday 4 SW 50. 82. 70 Fair.
Wind varied from SW to S SE- E.
Began to dig my potatoes.

Tuesday 5 SW. 64, 87, 79 Fair.
Wind varied from NE to E- SE- S- SW.
Thermometer 3 O'Clock P.M. 92, at 4- 90.

Wednesday 6 SW. 67, 90, 76 Fair.
Thermometer at 2, 3 & 4 O'clock P.M. 91, at 5- 89.
Wind varied from S W to W. NW N.
The afternoon atmosphere smoky.

Thursday 7 NE. 63, 74, 60 Fair.
Wind varied from NE to E. SE. S.
Moon changed 9 h. 12 m. a.m. in the South East.
at 7 O'clock am. a partial eclipse of the sun.

Friday 8 W. 61. 85. 77 Fair
Wind varied from SE- to S- SW- W.
The thermometer at 4 O'clock was 90
Morning foggy - afternoon smoky.

Saturday 9 SW. 67, 90. 82 Fair.
Thermometer at 2 O'clock P.M. 91. at 3'- 92- at 4- 91.
Wind varied from SW to W.

Sunday 10 SW 72, 91. 84 Fair.
In Portsmouth it was 96.

Wind varied from SW to W.-N.W.
Thermometer at 3 & 4 o'clock P.M. 94, 5-95.

Monday 11. SW high 77, 90, 76 Fair
The thermometer at 4 o'clock was 89.
The wind varied from SW. to W.

Tuesday 12 SW high 75, 78, 63 Cloudy Rain 3 10th 1 20th
Wind varied from SW to SE- thence to S. SW. NW. thence to S.W.
In the morning the wind was strong at SW. In the afternoon in changed suddenly to NW & blew with great violence for near 1/2 an hour attended with much rain for ten minutes. Even clear.

Wednesday 13. NW. 56, 67, 55 Fair
Wind varied from NW to W.
Swallows yesterday disappeared. They went off 24th August in swarms on the day before mentioned except a few scattering ones.

Thursday 14. SE 46, 66, 58, Fair.
Wind varied from N to NE- E- SE.
Smoke appeared in the atmosphere.

Friday 15 SW 56, 73, 60 Fair
Wind varied from NE to E- SE. S- SW.
Moon quartered 9 h. 30 m. A.M. in the NE.
Morning cloudy, rain 4 10th 1 20th 1 40th.

Saturday 16 SW. 52, 77, 63. Fair.
Wind varied from SE to S. SW
Morning foggy.
My much mellons not good, were small & rotted ~~before~~ they grew ripe.

Sunday 17 SW 57, 79, 72, Fair - Dew last night great
Wind varied from S. W- to W.
Morning fogg in low land.

Monday 18 NE. 62, 76, 62 Fair
Wind varied from NE to E- SE.
Morning fogg in low land.

Tuesday 19 NE 54, 52, 48 Cloudy Rain 7 10th 1 20th
Between 3 & 4 O'clock in the morning the thundered & lightning which continued about one hour - this was the commencement of the storm.

Wednesday 20 N & brisk 46, 57, 42 Fair Frost in the night
Wind varied from N to N.W.

Thursday 21 NE 36, 53, 37. Fair
Wind varied from NE to E- SE- S.

Friday ~~Wednesday~~ 22 SW. 33, 63, 50 Fair
Wind varied from S to SW. W.
Moon fulled 2 h. 2 m A.M. in the South West.

Saturday ~~Thursday~~ 23 SW brisk 44, 68, 58 Fair.
Wind varied as yesterday.
Morning foggy in low land.

Sunday, ~~Friday~~ 24, SW 57, 72, 55 Fair
Morning cloudy Rain 1 10th
Wind varied from S. to SW. W.

Note The thermometer at Salem M^s the 6th instant was 91; 8th 90; 9th 92; 10th 99; & the 11th 89.

Monday 25 ~~W~~ brisk 44, 69, 46 Fair.
Wind varied from SW to W. NW.
Finished cutting my corn stalks.
Moon & 7 stars passed each other.

Tuesday 26 S. 32, 52, 36 Fair
Wind varied from N to NE- E- SE- S. SW.
Great White frost in the night. The horizon was so clear the air so fine that a star was visible at noon day.

September 1820

Wednesday 27 SW. 31, 63, 48 Fair

Wind varied from SW to S.-SE.
Morning early fogg in low land.

Thursday 28 SE. 39, 67, 50 Fair

Wind varied from NE to E. SE-S.
Moon quartered 4h. 26m. P.M. in the Northeast.
Morning foggy in low land-night a thick heavy fogg.

Friday 29 NE 45, 61, 53 Cloudy

Wind varied from NE to E-SE.
Morning foggy- 1/4 of the day fair.

Saturday 30 NW 50, 73, 64 Fair

Wind varied from SW to W. NW.
Began to gather my Indian Corn.

Summary for this month.

The thermometer at the highest was 91, at the lowest 31, it averaged 62.
At 6 O'Clock A.M. it averaged 53 1/3, at 1 O'clock P.M. 72 2/3 at 9 O'clock P.M. 60 1/4
The wind was West 2 days, South west 16, South 1, South East 2, North East 5, North 1, North West 3 days.
It was fair 26 days, cloudy 4, rain in 5, thunder in 2, lightning in 2, & fogg in 8 days.
Of rain there fell 1 inch, 9 10th, 1 20th & 1 40th

Notes. On 10th Sept. A hurricane at Winsor S. Ca. did considerable damage - it was accompanied with much rain. The wind was N. N.E.
At Windsor Vt. Sept. 6th the thermometer in the afternoon was 90. 7th 88 near sunset, 8th 90 at ditto, 9th 92 at 4 O'clock, 90 at 6 O'clock; 10th 98 at 1 O'clock, 90 at 5. The warmest day ever known in that State.

October 1820.

Sunday 1. SW. 42, 61, 48 Fair.

Wind varied from NE to E- SE- S- SW. & back again to SE. in such a gradual manner as to be difficult to say from which point it was prevalent.
Pumpkins rot in the field, apples on the ground & trees to a great extent.

Monday 2 SW. 45, 72, 63 Fair.

Wind varied from SW to W & vice versa.
Fogg in low land in the morning.
Scarce any nuts of any kind this year.

Tuesday 3 SW. 52, 66, 57 Cloudy

Wind varied from SW to W. thence to SW. S- SE. E.
Evening rain.

Wednesday 4 NE 55, 63, 55, Cloudy, Rain

Wind breathed from every point of the compass.

Thursday 5 NE. 55, 58, 53 Cloudy Rain } 3 10th 1 20th

Wind varied from NE to E. SE. & vice versa.

Friday 6 NE 53, 60, 51 Cloudy Rain.

Wind varied from NE to E. SE- thence to E. NE. NW.
Fogg on the high lands in the morning.

Saturday 7 NW. 41, 56, 44 Fair.

Moon changed 2h. 17m. A.M. in the North East.

Sunday 8 SW. 33, 52, 37 Fair.

Wind varied from NE to E. SE- S SW to W. thence back again.

Monday 9 NE 36, 47, 47 Cloudy, Rain, Some Fogg on hills

Tuesday 10 NE 45, 52, 53 Cloudy Rain, Some fogg on hills.

Wind varied from NE to E- SE & back again.

Wednesday 11. SW brisk 57, 64, 51. Cloudy Rain, there 3 days 1 inch 9 10th 1.20th
Wind varied from SE. to S- SW.
The morning was foggy & dark.

Thursday 12 NW high 43, 52, 39 Fair.

Friday 13 W. 30, 54, 42 Fair.
Wind varied from NW to W. SW- S- SE. E.

Saturday 14 SW. 40, 60, 55 Cloudy
Wind varied from SE to S. SW. Rode to & from Nottingham.
Morning foggy. Moon quartered 7h. 30m. PM. in S. W.

Sunday 15 SE brisk 56, 63, 57 Cloudy Rain
Morning fogg in low land.
Wind varied from SE to S- & vice versa.
Monday 16 SE high 62, 64, 48, Cloudy Rain
} 3 inches 1 10th 1.20th
Wind varied from SE. to S. SW- thence S. SE- E. NE. N. NW.

Tuesday 17 NW. 41, 53, 42 Fair.
Wind varied from NW to W. thence to NW. N.

Wednesday 18 NE 35, 41, 42 Cloudy Rain
Thursday 19 NW 45, 58, 51 Cloudy Rain
} 4 10th 1.20, 1.80
Wind varied from NE to N- NW- W- SW.

Friday 20 SW. 39, 55, 41, Fair
Wind varied from NW to W- SW- S. SE.
The morning, fogg in low land arising from the water.
My ~~the~~ peaches this year were very excellent & abundant - eat the last of them to day.
Moon & 7 Stars passed.

Saturday 21 NW 38, 53, 41 Fair.
Wind varied from NW to W- SW. Moon fulled 11h. 17m. AM. North.
Moon & 7 Stars passed

Sunday 22 SW. 30, 51, 38 Fair.
Wind varied from NW to W. SW- S. SE & back to SW.
Night light fogg in the low land.

Monday 23 SW 27, 53, 46 Fair
Wind varied from SW to W. thence SW- S.

Tuesday 24 W. brisk 35, 55, 40 Fair
Evening hazy - few stars appeared but the moon shone.
Wind varied from SW to W. & back again.

Wednesday 25 W high 30, 47, 32 Cloudy Thunder & light=nings rain 6 10th 1.40th Little hail.
Wind varied from NE, to E- SE- S- SW. W- NW so often as to be difficult to ascertain from what point was prevalent.

Thursday 26 NW high 30, 38, 28 Fair. Cloudy near 1/2 the day.
Few flaks of snow.
Finished gathering in my potatoes - about 2/3d of a crop.
In old land the dung worm eat them much - in new less, tho there considerable.
I began to dig them too early in the season, the weather being too warm, they became heavy in the cellar; but I ought to have finished a fortnight sooner.

Friday 27 NW 27, 35, 30 Fair.
Wind varied from NW to W & vice versa.

Saturday 28. NE. 31, 36, 29 Fair Cloud near half the day
Snow 1. 10th
Wind varied from NE to N.
Moon quartered 3h. 2m. PM in the North West.

Sunday 29 NW 23, 41, 31 Fair
Wind varied from NW to W- SW.

Monday 30 SW. 24, 44. 38 Fair
Wind varied from W to SW - S. S E.

Tuesday 31 SW 36, 54, 46 Fair
Wind varied from S to SW - W.
Finished the haversting of my Indian - It was very good, ripe, & sound at an early period - scarce an unripe ear to be seen.

Summary for this month.

The thermometer at the highest was 72, at the lowest 23, it averaged 45 2/3.
At 6 O'clock it averaged 39 3/4 at 1 O'clock P.M. 53 1/2 at 9 O'clock P.M. 44 1/3.
The wind was West 3 days South West 11, South East 2, North East 7, & North West 8 days
It was fair 18 days, Cloudy 13; fogg in 9, rain in 12, thunder in 1, lightning 1, Hail 1, Snow in 2 days.
Of rain there fell 10 inches 1 10th 1 40th & 1 80th
Of snow 1 10th

Wednesday 1 SW. 40, 56, 44, Cloudy Fair near half the day - Rain 2 10th
Wind varied from SW to S. & from S to SW - W.
Evening foggy.

Thursday 2 NE. 38, 44, 40 Cloudy foggy, rain 1 10th 1 40th
Wind varied from NE to E. SE.
In the evening distant lightning in the South & S. E.

Friday 3. W. 35, 43. 39 Fair
Wind varied from SW to W - NW & thence to W.

Saturday 4 SW 33, 47, 40 Cloudy Rain 4 10th & 1 80th
Fair near 1/2 the day.
Wind varied from SW to W. W to SW - SE.
Finished making my cyder - made 51 barrels & might have 20 more had not given away many apples, & suffered many others to rot unpicked on the ground. The quantity of apples that grew this year was very great - the price of cyder at Exeter was 83 Cents & at Portsmouth $1. per barrel. It would pay the farmer for gathering the apples, for making the cyder paying for mill & transport. Cyder casks were dear and scarce.

Sunday 5 W. 36, 43, 37 Cloudy Fair 1/4 day
Wind varied from SW to W. NW & then to W.
Moon changed 11 h. AM. in the West. Wild geese fly to the SW.

Monday 6 NW high 37, 44, 38 Cloudy. Fair 1/3 day
Wind varied from W to NW & vice versa.

Tuesday 7 NW. 33, 40, 29 Fair.

Wednesday 8 SW. 31, 38, 39 Cloudy, Fogg Rain 1 20th 1 40th
Wind from SW to S. S.E. S. SW. W - NW & then to SW & SE. again. The day & night was dark.

Thursday 9. W. brisk 37, 50, 33 Fair
Wind varied from SW to W. NW.
Morning the atmosphere was smoky previous to that fogg in low lands.

Friday 10 NW high 21, 28, 20 Fair
Wind varied from W to N.W.

Saturday 11 NW 15, 32, 26 Fair
Wind varied from NW to W.

Sunday 12 NE high 21, 23, 22 Cloudy Snow } 8 inches
Evening hail.

Monday 13 NW high 24, 29, 23 Cloudy Snow
Wind varied from N. to N. W. snow flew much drifts between 2 & 3 feet high.
Moon quartered 5 h. 17 m. A.M. in the north.

Tuesday 14 NW 19, 33, 23 Fair.
Wind varied from NW to W. S.W.

Wednesday 15 SW 13, 43, 27 Fair
Wind varied from W. to S. W.

Thursday 16 SW 17, 41, 32 Fair.
Sleying very bad - much of the ground bare.

Friday 17 S.E. 22, 45, 40 Fair.
Wind from every point of the compass.

Saturday 18, SW. 27, 47, 38 Fair.
Slight Fogg in the morning.

Sunday 19. S. 30, 42, 38 Cloudy Fair 1/3 day
Wind varied from SW to S. SE. thence to S. SW. W. NW
Moon fulled 10 h. 20 m. P.M. in the S.E.

Monday 20 N.W. 34, 38, 27 Fair
Wind varied from NW to N. E.

Tuesday 21 SE 30, 41, 36 Cloudy Rain 4 10th, 1 20th
Wind varied from E to S.E. SW.

Wednesday 22 NW brisk 32, 43, 32 Fair
Wind varied from NW to W. S.W.

Thursday 23 SW 26, 48, 33 Fair. Even. fogg in low land
Wind varied from SW to S. SE thence to S.
People plowing.

Friday 24 NE 40, 50, 45 Cloudy Rain
Wind varied from NE to N from N to NE.

Saturday 25 NE. 42, 47, 45 Cloudy, Fogg, Rain } 2 10th
Wind varied from NE to E. S.E.

Sunday 26 SW 45, 52, 28, Cloudy Rain
Wind varied from S. to SW. W. N.W from the last point it blew strong & the clouds disappeared snow gone except few banks under the fences

Monday 27 NW & high 17, 20, 14 Fair. My team plowed.
From Epping to Epsom. Moon quartered 11 h. A.M. in the West.

Tuesday 28 S. E. 6, 26, 24. Cloudy Evening snow 2 inches
From Epsom to Concord.

Wednesday 29 NW & high 20, 32, 17. Fair. At Concord.

Thursday 30 NW & high 9, 17, 8. Fair. At Concord.

Summary for November.

The thermometer at the highest was 56; at the lowest 6; it averaged 32 2/3.

November 1820.

At 6 O'clock AM averaged 27 2/3. at one O'Clock P.M. 39 1/3. at 9 O'clock P.M. 31 & even 1/4.

The wind was West 3 days, South West 8, South 1, South East 3, North East 4. & North West 11 days.

It was fair 16 days, cloudy 14; it rained in 8 days, fogg in 4, snowed in 3 & hail on one day. Lightning in 1 day.

Of rain there fell 1 inch 4, 10th 1, 20th & 1. 30th

Of snow there fell 10 inches.

Summary for Autumn.

The thermometer at the highest was 91; at the lowest 6; it averaged 46 2/3.

at 6 o'clock am it averaged 40; at one o'clock PM. 55; at 9 Oclock PM. 45 1/3.

The wind was West 8 days, South West 35, South 2, South East 7, North East 16, North & North West 22 days.

It was fair 62 days, cloudy 31; it rained in 25 days Thunder in 3, lightning in 4, fogg in 21, hail in 3, & snow in 5 days.

Of rain there fell 1 foot, 1 inch 6. 10th

Of snow there fell 10 inches 1. 10th

December 1820.

Friday 1. NW & high 11, 18, 23, Fair

at Concord. The dust obscured the sight & rendered walking very uncomfortable.

Saturday 2 NW & high 27, 34, 29, Cloudy.

Sunday 3. N. E. 25, 39, 28. Cloudy. at Concord.

Monday 4 NE. 26, 33, 33. Cloudy. Rain, hail, Snow 2 inches at Concord.

Tuesday 5. NE. 31, 37, 34 Cloudy, Little snow rain & hail at Concord. Moon changed 11 h. 40 m. P.M. in the South.

Wednesday 6 NW. 32, 34, 25 Fair. Concord to Epsom.

Thursday 7 SW. 12, 32, 30 Fair. Evening snow 2 inches. Epsom to Epsom.

Friday 8 W. 28, 42, 31, Fair.

Wind varied from West to N. W.

Saturday 9, NE. 24, 32, 30. Cloudy Snow 2 inches.

Sunday 10 NW & high 21, 22, 17. Fair

Evening Aurora Borealis in the North.

Monday 11 NW & high 6, 16, 9 Fair

Wind varied from W. to N. W.

Tuesday 12 N.W. brisk 5, 16, 9 Fair

Wind varied from W. to N. W, thence to W. S. W.

Moon quartered 1 h. 31 m. P.M. in the South East.

Wednesday 13 E. 11, 27, 21 Cloudy. Even snow 3 inches.

Wind varied from S. W to E, NE.

Thursday 14 S. W 17, 35, 28 Fair.

Friday 15 SW 28, 29, 24 Cloudy Snow 4 inches.

Wind varied from SW to NE.

Saturday 16 N W high 7, 12, 4 Fair.

Moon & 7 stars together.

Sunday 17 NW 3, 18, 7 Fair

Wind varied from SW to NW & from NW to SW

Monday 18 NW. 12, 29, 18 Cloudy - fair near 1/2 the day.

Wind varied from SW to NW.

Thursday 19 SW 17 33, 28 Cloudy. Little rain snow 4 10ths

Wind varied from SW to S.

moon fulled 11 h. 24 m. AM. in the North.

Wednesday 20 SW 28, 40, 29 Fair cloudy 1/3 day.

Thursday 21 E 21, 31, 25 Fair, Cloudy near 1/2 day. Evening Snow 3. 10ths

Wind varied from S.W to every point.

Friday 22 NW high 23, 18, 4 Fair snow flew much.

Saturday 23 S.E. 0/5, 10, 8 Fair.

Wind from every point, difficult to say which was the most prevalent.

Sunday 24 NE strong 9, 11, 16 Cloudy Snow 6 inches

Wind varied from NE to N. & from N to NE.

Monday 25 NW 5, 15, 3 Fair

Wind varied from NW to N. from N to NW, then to W.

Tuesday 26 NE 2, 11, 11 Cloudy. fair 1/4 day

Wind varied from E to NE.-N.

Wednesday 27 NE 12, 19, 6 Fair

Wind varied from NE to N. & thence to NE.

Moon quartered 8 h. 25 m. AM. in the South West.

Thursday 28 SW 0/2, 22, 15 Cloudy - Evening Snow 5 inches.

Evening wind NE.

Friday 29 NE 22, 26, 28 Cloudy, rain 3. 10ths

Saturday 30 NW high 18, 26, 19 Fair

Wind varied from SW to NW.

Sunday 31 SW. 8, 25, 15 Fair.

Wind varied from SW to W-NW.

Summary for this month.

The thermometer at the highest was 42, at the lowest 5 below zero; it averaged 20.

At six O'clock AM. it averaged 15 2/3. at 1, O'clock PM 25 1/2 & at 9 O'clock PM. 19 1/2 & more.

The wind was West 1 day, South West 7, South East 1, East 2, North East 8 & North West 12 days.

It was fair 18 days, cloudy 13; it snowed in 10, rained in 3, & hailed in two days.

of snow there fell 1 foot 10 inches.

of rain there fell 3. 10ths

Summary for the year.

The thermometer at the highest was 94, at the lowest 8 below zero, it averaged 44 3/4.

At 6 O'clock AM. it averaged 38 2/3, at 1 O'clock PM. 53 1/4 at 9 O'clock P.M. 43 1/6d.

The wind was west 28 days, South West 106, South 12, South East 45, East 4, North East 69, North 3, & North West 99 days.

It was fair 245 days, cloudy 121; it snowed in 39 days, hailed in 11, rained in 86, fogg in 55, lightning in

25th At Quebec 24 below zero & in exposed situation 30 [illegible]

in 32, & thunder in 33 days.
Of snow there fell 8 feet 10 inches & 3 tenths.
Of rain 2 feet 4 inches 7^{10ths} 1^{20th} 1^{40th} & 1^{80th}.

Notes December of this year was 26 degrees colder than that of the preceding year, & nearly 8 degrees colder than that of the average of the December's of the eleven preceding years.

At Paris, France, Dec 28 the thermometer was two degrees below zero.

Monday 1, SW. 5, 26, 14 Fair.
Wind varied from SW to N.W.
Tuesday 2, NW. 10, 13, 0, Fair.
Wednesday 3 SW 0/9, 9, 8, Fair
Wind varied from SW to NW.
Thursday 4 SW. 10, 22, 15 Fair
Wind varied from SW to W. Evening snow 1 inch
Moon changed 1 h. 54 m. am.
Friday 5 NW high 10, 15, 8 Fair
Wind varied from N W to W. Snow flew much.
Evening small Borealis.
Saturday 6 SW 9, 22, 15 Fair
Wind varied from NE to N. SW thence to W-SW, then NE.
Sunday 7 NE 7, 11, 8 Cloudy
Wind varied from NE to N. NW.
Monday 8 NW 4, 21, 10 Fair
Wind varied from NW to W-SW.
Tuesday 9. SW. 5, 27, 23 Cloudy.
Wednesday 10 NW & strong 24, 19, 11 Fair
Moon quartered 9 h. 16 m AM. in the S.W.
Thursday 11, SW. 6, 27, 23 Cloudy Even. Snow 4 inches 5^{10},
Friday 12, SW 16, 30, 24 Fair
Wind varied from SW to NW.
Saturday 13 SW. 18, 35, 21 Cloudy Evening Snow
Wind varied from SW to N.E.
Moon & 7 stars together.
Sunday 14. NE 7, 14, 11 Cloudy Snow
Wind varied from NE to N.
} 2 inches

25th At Quebec 24 below zero & the exposed [illegible] 30 [illegible]

Monday 15. W. 1, 18, 12, Fair.
Wind varied from NE to NW. W. SW.

Tuesday 16 NW. 4, 17, 7, Fair.

Wednesday 17 NE. 8, 11, 7 Cloudy. Snow 1.10th

Thursday 18 NW 0, 11, 1. Fair.
Moon fulled 2 h. 26 a.m.

Friday 19 NW high 0/4, 14, 6 Fair
Wind for a few minutes varied from NW to SW & vice versa.

Saturday 20 SW 2, 25, 10 Fair
Wind varied from NW to W. SW & vice versa.
Evening snow 5.10th

Sunday 21 SW 14, 31, 21 Fair Cloudy near 1/2 day
Wind varied from SW to W. NW.

Monday 22 SW 5, 27, 19, Fair cloudy near 1/2 day
Wind varied from NW to W. SW. S. Even. Snow 1 inch 5.10th

Note On the 6th there fell 12 inches of snow at Washington, & on the 7th & 8th 18 inches at Philadelphia, On the evening of the 8th it commenced at the city of New York & was violent.

Tuesday 23 SW. 19, 32, 25 Cloudy Fair 1/3 day
Wind varied from NE to S.W. thence to W. NW. N.
In even & night wind NW & high, very high.

Wednesday 24, NW high 0/8, 0/7, 0/17 Fair. Snow flew much — In the evening Light in the North.

Thursday 25 NW high 0/19, 0/3, 0/3 Fair
Wind varied from NW to SW but soon back again.

Friday 26 SW. brisk 0/8, 19, 14 Fair
Moon quartered 5 h. 54 m. AM.
Wind varied from NW to W. SW.

Saturday 27 SW. 13, 36, 28 Cloudy very little snow.

Sunday 28 NE 25, 34, 23 Cloudy Snow 5 10th
Wind varied from SW to W. N. W. N. NE.

Note On the 15th in the morning the thermometer at Belfast was 10 below zero & on the 17th 0/6.

Monday 29 SW. 19, 32, 18 Fair
Wind varied from NE to E. SE. SW.

Tuesday 30 SW 25, 44, 35 Cloudy Fair near 1/2 day
Little, very little, rain.

Wednesday 31 SW 36, 53, 42 Fair. Fogg in low land in morning.
The ground appears bare — sleying bad.

Summary for this month.

The thermometer at the highest was 53, at the lowest 19 below zero, it averaged 14 2/3.
At six O'clock a.m. it averaged 8 6th, at One O'clock P.M. 22 3d
& at 9 O'clock P.M. 13.26
The wind was West 1 day, South West 17, North East 4, & North West 9 days
It was fair 21 days, cloudy 10; snow in 9 days, rain 1 & fogg in 1 day
Of snow there fell 9 inches 6 10th
Of rain none.

Note, The weather this month averaged 1 degree colder than it has in any January for 11 years past, & 6 1/3 degrees colder than January's averaged in that period.

Jan 19. at Keene at sunrise the thermometer was 27 below zero.
24 & 25th at New York city 14, Salem & Beverly Ms 16, Gloucester & Newbury Port Ms 18, Concord NH. 27, Newport & Providence R.I. 10, Bellows Falls Vt 23, Hanover NH. 27, New Haven Ct. 17.
6 & 7th at Augusta, Georgia 2 below zero.
24th at Quebec 24 below zero & in exposed situations 30.
24th at Gilmantown at 9 O'clock P.M. 26 below zero.

Thursday 1 W. 45, 40, 31 Cloudy Rain 2, 10th 1, 20th / 40th
Wind varied from SW to W. NW then to W again
Most of the ground is bare.

Friday 2 S. 20, 38, 33 Cloudy/fair 1/4 of the day - little rain.
Wind varied from SW to S.
Moon changed 1 h. 30 in the evening. Travelling bad

Saturday 3 W. 31, 34, 28 Cloudy.
Wind varied from NW to W - SW & back to W.
People travel in Chaises.

Sunday 4 NE 27, 29, 25 Cloudy, Snow.
Wind varied from NE to E & vice versa
2 Inches 5 10ths

Monday 5 NE 20, 30, 15 Cloudy Snow
Wind varied from NE to N - NW.

Tuesday 6 S. 3, 31, 16 Fair, Cloudy near 1/2 day
Wind varied from SW to S.

Wednesday 7 SE 24, 35, 22 Cloudy Snow 2 inches 5 10ths
Wind varied from SE to E - NE - N - NW.

Thursday 8 NW high 17, 24, 17, Fair. Snow flew much.
Wind varied from NW to W & vice versa.

Friday 9 SW. 11, 36, 32 Cloudy fair near 1/2 day
Moon quartered at 6 h. 45 m. in the morning.
Wind varied from SW to S. - SE.
Moon & 7 stars together. Evening snow 1. 10th Rain 1. 20th

Saturday 10 NW high 32, 44, 35 Fair
Wind varied from SW to W - NW.
In the morning Geese appeared.

Sunday 11 SW 20, 42, 28 Fair - hazy
Wind varied from NE to N - NW - W - SW - S - SE
& then back to SW. Night snow 1 inch 2 10ths

Monday 12 SE 31, 42, 42, Cloudy, Foggy, Rain 2 10th 1 20th
Wind varied from SE to E. Then SE - S SW. W.

Tuesday 13 NW high 38, 42, 31 Cloudy Fair near 1/2 day
Wind varied from SW to W - NW.
Little travelling most of the ground is bare tho there are banks of snow 3 & four feet deep.

Wednesday 14 NE 29, 31, 29 Cloudy Snow 6 inches 5 10ths
Wind varied from SW to NE - E - SE - then to NE.

Thursday 15 NW 22, 35 23 Fair.
Wind varied from NE to N. NW.

Friday 16 NE. brisk 27, 31, 22 Cloudy Night Snow
Epping to Newmarket & back again.
Moon pulled 7 h. 45 M P.M.
1 foot 2 inches 8 inches

Saturday 17 NE high 24, 30, 25 Cloudy Snow
Wind varied from NE to N - NW.

Sunday 18 NW high 24, 34, 24 Fair.
Wind varied from NW to W.
Very little travelling - road blocked up with banks of snow.

Monday 19 SW 18, 39, 28 Cloudy fair 1/3 day
Wind varied from SW to S. Evening little rain.

Tuesday 20 S. 31, 48, 39 Cloudy Little rain
Wind varied from SW to S.

Wednesday 21 W 31, 41, 29 Fair
Wind varied from NW to W.

Thursday 22 NW 23, 41, 27 Cloudy Fair 1/3 day
Wind varied from NW to N. & vice versa.

Friday 23 NE 22, 22, 24 Cloudy

Feby 1821

Little rain, Little hail - Snow 2 inches 4 10ths

In the night fair wind NW & blew very strong.

Saturday 24 NW brisk 18, 24, 12 Fair

Wind varied from NW to W.

Sunday 25 SW 0, 27, 21 Fair

Wind varied from W to SW

At ½ past 7 saw a Comet in the West, the light was not brilliant - at 10 minutes past 8 it had sunk 20 feet below the horizon as not to be visible.

Moon quartered at 49 minutes past 12 in the morning.

Monday 26 SW 17, 40, 31 Cloudy Fair 1/3 day

Wind varied from SW to S.

Tuesday 27 NW very high 36, 23, 13 Fair.

Wednesday 28 SE. 2, 29, 25 Cloudy, Snow 4 inches.

Wind varied from NE to N. NW - SW - S - SE - E. so that it is difficult to say which was most prevalent.

Summary for this month.

The thermometer at the highest was 48, at the lowest 0; it averaged 27 1/3

At six O'clock a.m. it averaged 22 1/2 at 1 O'clock P.M. 34, at 9 O'clock P.M. 26.

The wind was West 3 days, South West 6, South 3, East 3, North East 6, & North West 7 days.

It was fair 10 days, cloudy 18; it snowed in 10, rained in 6, hail in 1, & fogg in 1 day.

Of snow there fell 2 feet 3 inches & 1 10th

Of rain there fell 6. 10ths 1 20th & 1. 40th

February 1821

Summary for the three winter months.

The thermometer at the highest was 53, at the lowest 8 27 below zero; it averaged 22 2/3.

at 6 O'clock a.m. it averaged 15 1/3, at one O'clock P.M. ~~15 1/3~~, & at 9 O'clock P.M. 19 1/3.

The wind was West 5 days, South West 30, South 3, South East 4, East 2, North East 18, & North west 28.

It was fair 49 days, cloudy 49; it snowed in 29 days, hail in 3, rain in 10, & fogg in 2 days.

Of snow there fell 4 feet, 10 inches, & 7. 10ths

Of rain there fell 9 10ths, 1 20th & 1. 40th

Notes

On the 16th & 17th of this month the snow that fell at Hartford in Connecticut was 2 feet on a level.

March 1821.

Thursday 1 NE 30, 33, 32 Cloudy Rain 3. 10th

Wind varied from NE to N. NW & vice versa.

In the night the wind NW & high.

Friday 2 NW high 33, 33, 21 Fair

Wind varied from NW to N.

Saturday 3 NW 25, 36, 27 Fair

Wind varied from N to NW. W.

There is a snow bank in front of my house 5 feet deep.

Sunday 4 NW high 15, 25, 15 Fair.

Moon changed 0 h. 49 m. in the evening.

Sun eclipsed - but not visible here.

Aurora Borealis in the night in the north.

Monday 5, NW brisk 5, 21, 15 Fair.

Small aurora Borealis in the evening.

In the night wind high at N.W.

Tuesday 6 NW high 13, 28, 10 Cloudy fair 1/3 Day

Wind varied from NW to N. NE.

Wednesday 7 NW brisk 14, 31, 23 Fair.

Wind varied slightly from NW to W.

In the afternoon pea reached from the West the North East post in my front yard.

Thursday 8 W. 14, 36, 26 Fair.

Wind varied from NW to W. SW. thence to W.

Friday 9 SW 22, 44, 33 Fair.

Epping Newmarket & Epping. Travelling bad.

moon & 7 stars rushed.

Saturday 10 SW 33, 51, 41 Fair.

Moon quartered 4 h. 19 m. P. M.

Robbins & striped squirrels appear

March 1821

Sunday 11 NE 34 32, 29 Cloudy Snow 2. 10th

Monday 12 SW 25, 48, 34 Fair

Speckled wood peckers appear.

Tuesday 13 SW 26, 55. 43 Fair. Morning the lower part of the atmosphere smoky.

Wind varied from SW to S.

Blue birds appear.

Wednesday 14 SW 38, 47, 36 Cloudy Rain 1. 10, 1. 40

Wind varied from SW to W. NW.

Thursday 15 SW 32, 54, 43 Fair

Wind varied from SW to S.

Wild geese flew eastward.

Friday 16 SE. 32, 52, 38 Fair.

Wind varied from NE to N. NW. W. SW. S. SE, evening thence E. NE.

Larks & Black birds appear. In the night rain 1/5 10th

Saturday 17 NW high 37, 28, 12 Cloudy rain

The morning was very dark wind veered from NE to the westward NW & at 9 o'clock began to blow hard & became light & before sunset it began to snow. fell 5. 10th

Sunday 18. NW high 10, 19, 13 Fair.

Wind varied from NW to W.

Moon full 2 h. 5 m. P. M.

Monday 19 NW high 3, 15, 10 Fair.

Tuesday 20 SE. 5, 28, 30 Cloudy Snow 2 inches

Wind varied from SW to S. SE.

In the night rain 2 10th, 1. 20th Some Thunder & lightning.

Wednesday 21 NW high 45, 40, 28 Fair

Wind varied from SW to W. NW. Ground Sparrow appear.

Waning a beautiful aurora Borealis. & Kildees.

March 1821

Thursday 22 S&E. 22, 42, 25 Fair
Wind varied from N&E to E.-S&-S.
Friday 23 S.W 27, 44, 31 Cloudy Snow 1 inch.
Wind varied from S&E to S.-SW-W.
Saturday 24 S.W 32, 51, 38 Cloudy Rain 2 10ths
Thunder in the South
Wind varied from S&E to S.W.-W.
Evening fair & a bright Aurora Borealis.
Sunday 25 N&E 32, 34, 34 Cloudy Snow 4 inches 3 10ths
Wind varied from S&E to E.-N&E.-N.W.-W.-S.W.
Evening fair aurora Borealis.
Monday 26 W. 25, 46, 32. Fair
Wind varied from W to N.W.-S.-S&E.-E backwards & forwards.
Moon quartered 4 h. 2. m P.M.
Evening Snow 5. 10ths
Tuesday 27 N&E 20, 34, 18 Cloudy Snow 4 inches 6 10ths
Wind varied from N&E to E.-S&E.-thence E.-N&E.-N.W.-W.-S.W.
Wednesday 28 S.W. Wind 11, 28, 17. Fair.
Slight variation of Wind from S.W to W.
Thursday 29 N.W. 16, 38, 25 Fair
Wind varied from W to N.W.-N.
Friday 30 S.W 17, 43, 33 Fair.
Wind varied from N. to N.W.-W.-S.W.-S.
Saturday 31 S.W 32, 52, 37 Fair
Wind varied from S.W to W. thence S.W.-S.-S&E.-E.-N&E.

March 1821.

Summary for March.

The thermometer at the highest was 55, at the lowest 3, it averaged 29 1/3d
at 6 O'clock a.m. it averaged 23 1/3, at 1 O'clock P.m. 37 2/3;
at 9 O'clock P.m. 27 1/3.
The wind was West 2 days, South west 11, South East 3, North East 4 & North West 11 days.
It was fair 21 days, cloudy 10; it snowed in 7, rain 6.
Thunder 2 & Lightning in 1 day.
Of snow there fell 1 foot 1 inch.
Of rain there fell 1 inch. 3 10ths 1 20th 1. 40th

Notes

March 19th at Baltimore the thermometer in the morning was below zero.
15th Green pea at Charleston S. Ca was sold at $8. per bushel.
9th at Darien, Georgia snow fell 2 1/2 inches deep.
29th at Norfolk Va at 2 O'clock P.M. the thermometer was at 32. it froze water in the shade all the day.
16 & 17th a great snow storm at Montreal, Canada. It is said as much snow fell as during the whole of last winter.

Sunday 1 NE. 32. 46. 34 Cloudy Little rain.
Wind varied from NE. to E - SE.

Monday 2 NE 32, 43. 31 Cloudy Snow 1 inch 5. 10ths
Wind blew from every point.
Moon changed 10h. 23 m. A. M.
Some people began to plow.

Tuesday 3 NW high 20. 30. 25 Cloudy

Wednesday 4 NW high 19, 36, 32 Fair. Cakes of ice at Richmond Virginia.

Thursday 5 SW. 30, 48, 28 Fair.
Wind varied from NW to W - SW - S - S. E.
Moon passed the 7 stars.

Friday 6. SE. 29, 55, 40 Cloudy.
Wind varied from SW. to S. - S. E.

Saturday 7 SW 35, 65, 49 Fair.
Wind varied from SW to S.
Frogs began to sing.

Sunday 8 NE 41, 49, 41 Foggy Cloudy Rain 1. 10th
Wind varied from E. to NE - N - NW - W SW - thence to N. W.
Evening wind high at the NW.

Monday 9 W. 30, 46, 32. Fair.
Wind varied from N.W to W - SW - S.
Moon quartered 4h. 36 m. - A.M.

Tuesday 10 NW high 28, 49, 37 Fair.
Wind varied from NW to W. - SW. & vice versa.

Wednesday 11 NW 32, 47, 32 Cloudy - Very little snow
Wind varied from N - NW - W. SW.
Wild geese flew towards the North East.

Thursday 12 NE. 32, 33, 32 Cloudy Snow 1 foot - much of it dissolved near as fast as it fell but at night in was more than 4 inches deep.

Wind varied from NE to E. & vice versa. Hail in the night.

Friday 13 NW 33, 48, 36 Fair. Cloudy near 1/2 the day
Wind varied from NW to W & vice versa.
Near all the snow of yesterday dissolved.

Saturday 14 SW 34, 49, 40 Fair.
Wind varied from NW to W - SW.
Wild geese flew into the NE. Some began to sow Wheat.

Sunday 15 NW & high 33, 49, 37 Cloudy Fair 1/3 day
Little snow, hail & rain.
Wind varied from NW to W. SW & vice versa

Monday 16 NW. brisk 28, 42, 36. Fair.
Wind varied from NW to W. - SW.
Martins appear.

Tuesday 17 NE 32, 31, 27. Cloudy. Snow began at noon
Wind varied often from NE. to E - SE & vice versa.
Moon fulled 7h. 43 m. A.M. in the NW.

Wednesday 18 NE 30, 40, 32 Cloudy - Snow.
The wind varied from NE to N - NW & vice versa.
The snow to day & yesterday 9 inches. This morning some banks were near three feet deep. The snow was damp & heavy. Sleys were running on the roads.

Thursday 19 NW brisk 30, 42, 34 Fair
Wind varied from NW to W.

Friday 20 S.W. brisk 32, 49, 37 Fair
Wind varied from NW to W. S.W.

Saturday 21 S. high 32, 65, 53 Fair. Cloudy 1/3 day
Wind varied from N.W to W - SW - S.
In the night rain.

Sunday 22, NW 46. 49, 42 Cloudy rain Fair 1/3
Wind varied from NW to W. SW. thence back again
Rain there 2 days 1.10th & 1.20th

Monday 23 SW brisk 32. 61. 48. Fair.
Wind varied from SW to S.
Began my plowing.

Tuesday 24 SW brisk 42, 72, 52 Fair
Wind varied as yesterday. Butterflies appear. Laylock leaves near as large as Moose's ears.
Notes. On the ninth instant is snowed 6 hours in Richmond Virginia - the ground was covered.
13th It snowed all day at Albany N. Y. - a great storm.
16th at 9 O'clock P.M. the snow storm commenced at Boston continued all that night, & all the next day with great severity - the wind was NE - the snow much drifted.

Wednesday 25, NW 42, 51, 42. Cloudy Rain 1.80th
Wind varied from SW to W - NW. N.
moon quartered 3 h. 22 m. AM.
Began to sow my oats.
Evening Aurora Borealis in the North - not brilliant.

Thursday 26 NE. 33, 56, 42 Fair.
Wind varied from NW to NE - E - SE - S.
Swallows appear

Friday 27. NW. 36. 60, 36. Fair
Wind varied from SW to W - thence to NW - N - NE E - SE.
Wood walls & striped snakes appear.

Saturday 28 SW 29, 61, 45 Fair
Wind varied from NW to NE - E - SE - S - SW.

Sunday 29 SW high 39, 71, 61 Fair - Cloudy near 1/3d day
Wind varied from SW to S.

Monday 30 SW 56, 67, 62 Cloudy - Rain } 6.10th, 1.40th.
Thunder & lightning in the night & rain —

Summary for April.

The thermometer at the highest was 72, at the lowest 20, it averaged 40.
At 6 O'clock A.M. it averaged 33 & near 1/3, at 1 O'clock P.M. 50 1/3 at 9 O'clock P.M. 39 5/6.
The wind was West 1 day, South West 9, South 1, South East 1, North East 7, & North West 11 days.
It was fair 18 days, & cloudy 12; it snowed in 5 days, rained 6, fogg 1, hail 1, thunder 1 & lightning in 1 day.
Of snow there fell 1 foot 11 inches & 5.10th
Of rain there fell 7.10th, 1.20th, 1.40th & 1.80th

Notes. 17th Leicester Mt in the morning it began to snow continued till 2 O'clock of the next day - the snow was from 12 to 15 inches deep & much drifted - all hands had to turn out to break roads to let the mail pass.
At the close of that storm the snow at New Haven Ct was 16 inches deep upon a level.
11th At Norfolk Va snow, sleet & rain all day - froze in the night.
18 & 19th Chenango Point N.Y. The mail stages passed on the snow upon runners - weather cold snow deep & drifted.
24th Cherry Valley N.Y. Hay $25 per ton & scarce - many cattle died of hunger.
26th Stockbridge Ms - many cattle died for want of fodder.
18th Snow at Wilmington No Ca; in the night of the 19th it froze - ice was near half an inch thick.
20th This week there fell at Detroit 8 inches of snow on a level - but it drifted very much.

May 1821.

Tuesday 1. SW. 57, 76, 59. Cloudy - Rain 3 10, 24 Thunder & lightning - Fogg.
Wind varied from SW to S. Thence to SW. W. NW thence to SW again.
moon changed 6 h. 44 m. P. m.
Evening Light in the North.
Leaves of my Horse Chesnuts green Some as large as half dollar.

Wednesday 2 SW 48, 65, 54 Fair afternoon cloudy & Cool thereafter - Rain in the night 2. 10th.
Wind varied from NW to W. SW S - SE.
Some began to plant Indian corn.
Sowed a peck of salt on the same grass land I sowed as a peck on last autumn. at present I can see little or no difference between that and the adjoining grass land.

Thursday 3. SE. 44, 60, 45 Fair.
Wind varied from NE to E - S. E.

Friday 4 NE & thick 43, 49, 44 Cloudy, little rain
Wind varied from NE to N - NW & vice versa.

Saturday 5. NE & thick 34, 39, 39 Cloudy - Some flecks of Snow Rain
Wind varied as yesterday.

Sunday 6 NE brisk 39, 43, 39 Cloudy Rain
Wind varied from NE to N. thence vice versa.

Monday 7 NE - 40, 57, 54 Fair - Cloudy near 1/2 day
Little rain - rain there 4 days 5 10th, 20th, 40th
Wind varied from NE to N & vice versa.

Tuesday 8 SE 50, 68, 41 Fair
Wind varied from NE to E - S E.
moon quartered 6 h. 55 m. P. M.

Wednesday 9. SW 38, 72, 47 Fair
Wind varied from NE to E SE - SW thence to N. E.
moon & 7 Stars together.
Evening fogg came over the rivers & brooks.

May 1821.

Thursday 10 SW brisk 42, 78, 61. Fair
In the morning it was foggy after the fogg disappeared the atmosphere was smoky.
The wind varied from N E to E. SE - S. SW. all this after=noon it blew briskly from the SW.
Bobolinks appear & also Wrens.

Friday 11 SW very high 55, 58, 54 Cloudy rain 4 10th 1. 20th
Wind varied from SW to S.
The blossoms on my black heart cherry tree & one of my peach trees began to appear.

Saturday 12 SE. 52, 69, 51 Fair.
Wind varied from SW to S. SE - E thence to SE.
Atmosphere smoky - Sun appeared red - Some wind enough to turn the Vane.
Evening so hazy that the Sun moon appeared bright not a star was visible.

Sunday 13 SW. brisk 45, 79, 61 Fair
Morning foggy - after that the atmosphere was very smoky
Wind varied from SW to S - SE - thence back again thence to W - thence S W again.
Evening rain 1. 20th

Monday 14 NW. brisk 50, 62, 51 Fair.
Hum birds appear.
Finished sowing my Oats.

Tuesday 15 S. 42, 62, 49 Fair
Wind varied from NW to NE - E - S E - S - thence SW & back to S.
Note On the 4th in the evening at Belfast & its vicinity there commenced a severe storm of wind, rain, hail & snow & continued the morning of the 5th. On the morning of the 5th there was a shock of an earthquake - it continued 20 seconds - shook buildings, furniture &c.

Wednesday 16, SW 43, 64, 53 Fair cloudy near 1/3 day
Wind varied from SW to S.
Moon fulled 11 h. 18 m. P. M.

Thursday 17 S.E. 47, 68, 50 Cloudy Rain 1 inch 3.10th 1.20th Some fogg

Wind varied from SW. to S-SE-E-NE.

Began to plant potatoes & sow my garden.

Friday 18 NE 51, 61, 55 Cloudy - Fogg in the morning.

Rain 1.20th Blossoms appear on apple trees.

Wind varied from NE to N-NW & vice versa to E.

Pear & some peach trees in full blossom; also some apples in high dry land.

Saturday 19 NW & high 51, 57, 46 Fair. Blossoms on one of my horse Chesnuts appear.

Began to plant my Indian corn.

Sunday 20 NW 48, 63, 49 Fair

Wind varied from NW to W-SW-S-SE.

Night Rain 1.20th The blossoms of some apple trees begin to fall.

Monday 21 NW high 47, 57, 47 Cloudy - fair near 1/2 day.

Wind varied from SW to West-N.W

Some thunder & rain a little. Night Aurora Borealis.

Some my red cherry & apple trees in full blossom.

Tuesday 22 NW brisk 46, 62, 51 Fair.

Wednesday 23 NW brisk 51, 63, 52 Fair.

Planted my garden beans & squashes.

Thursday 24 SE 49, 62, 53 Fair

Wind varied from NE to E-SE-S.

Moon quartered 11 h. 15 m. a.m.

Finished sowing my garden.

Friday 25 SW 48, 69, 54 Fair } One of my horse chesnuts in full blossom.

Wind varied from SW to S. SE.

Saturday 26 SE 49, 58, 50 Cloudy - Rain 6.10, 1.20 & 1.40

Morning Foggy.

Wind varied from SE to E-NE.

Sunday 27 SW. 53, 66, 59 Cloudy Fair near 1/2 day Rain 4.10th 1.20th & 1.40th

distant thunder

Wind varied from SW to W-N.W.

Monday 28 SW. 58, 76, 71 Fair

Wind varied from SW to W. NW thence to W-SW-S.

Little rain.

Some people began to hoe their corn the first time.

My Laylock bushes in full blossom.

Tuesday 29 N.W. 64, 75, 63. Fair. Little rain & distant thunder.

Wind varied to every point.

From Epping to Portsmouth.

Wednesday 30 SW. 66, 80, 71. Fair. At Portsmouth.

Wind varied from N.W to SW-S-S.E.

Thursday 31 SW. 63, 77, 67. Fair

Wind varied from NW to W-SW-S-SE-E-NE.

Evening rain. At Portsmouth.

Moon changed 2 h. 34 m. a.m.

Summary for this month.

The thermometer at the highest was 80, at the lowest 34, it averaged 55.

At 6 o'clock a.m. it averaged 48 1/2, at one o'clock P.M. 64 1/3 & at 9 o'clock P.M. 52 2/3.

The wind was South West 11 days, South 2, South East 6, North East 5, North West 7.

It was fair 21 days, cloudy 10; it rained in 15, thunder in 5, lightning 1, fogg 7, & snow in one day.

Of rain there fell 4 inches 2.10ths & 1.40th

Summary for this spring.

The thermometer at the highest was 80, at the lowest 3, it averaged 41, & little more.

At 6 o'clock A.M. it averaged 35, at 1 o'clock P.M. 50 & 2/3, at 9 o'clock P.M. 39 2/3.

May 1821.

The wind was West 3 days, South West 31, South 3, South East 10, North East 6 & North West 29 days.

It was fair 60 days, cloudy 32; it snowed in 13 days, rained 27, thun=der & lightning 3, foggy 8, & hail in 1 day.

Of snow there fell 3 feet & 5 ^{10}/$_{th}$ of an inch.

Of rain there fell 6 inches 3 ^{10}/$_{th}$, 1 ^{20}/$_{th}$, 1 ^{40}/$_{th}$ & 1 ^{80}/$_{th}$.

Notes

The average of the thermometer for the last 13 days was 53 1/4 & of rain 4 inches 1 ^{20}/$_{th}$ & 1 ^{40}/$_{th}$

June 1821

Friday 1 NE. 56, 52, 50 Cloudy Rain 3 ^{10}/$_{th}$, 1 ^{20}/$_{th}$, 1 ^{40}/$_{th}$

Wind varied from NE to E - S & S & vice versa.

From Portsmouth to Epping.

Saturday 2 SW high 49, 70, 59 Fair

Wind varied from NE to N. NW.

Sunday 3 SW. 55, 77, 61 Fair

Wind varied from NW to W - SW & S. SE.

Rain a little

Monday 4 SW high 60, 82, 75 Fair Finished planting potatoes.

Wind varied alternately from SW to NW.

Tuesday 5. SW. 66, 86, 75 Fair

Wednesday 6 SW. 63, 82, 70 Fair

Wind varied from SW to W. NW & vice versa.

My house radish & pineys in full blossom. Washed my sheep

Thursday 7 SW. 63, 80, 67 Fair

Wind varied from E to S & SW - W. NW then back to W. SW S & E.

Moon quartered 10 h. 56 m. a/m.

Atmosphere smoky, particularly morning & evening.

Friday 8 E. 61, 79, 61 Fair

Wind varied from NE to E. S & E. Atmosphere smoky

~~In the night foggy~~ Sheared my sheep.

Saturday 9 S W high 59, 72, 69, Cloudy Rain 1 ^{10}/$_{th}$ 1 ^{80}/$_{th}$

Wind varied from SW to S - SE - & vice versa.

Began to weed my corn.

Sunday 10 NW high 63, 73, 63 Fair.

Monday 11 S. high. 61, 80, 65 Fair.

Wind varied from E to SE - S. SW. then to South again.

Tuesday 12 SW high 59. 81, 73 Fair

Wind varied from SW to S. alternately & often.

In the night distants lightning in the North.

Wednesday 13 N. 73, 81, 60 Cloudy, Fair near 1/2 day, Rain

Wind varied from SW to W - NW - N - NE.

At Portland NE it was 88.

Thursday 14 NE 52, 54, 46 Cloudy - Rain then 2 days 1 inch 2.10ths

Wind varied from NE to E - SE & vice versa.
Had a fire in my office all the day.
Was obliged to put my sheared sheep into the barn.

Friday 15 NE. 48, 70, 53 Cloudy - Fair 1/3 day.

Wind varied from NE to N - NW - W - SW thence to NW.
Fire in the morning in my office.
Evening small fogg in low land - moon shone bright.
Moon pulled 0.. 26 m. P. M.

Saturday 16 N. W. 61, 72, 61 Fair

Wind varied from NW to N & vice versa.
Finished weeding my corn.

Sunday 17 S.E. 55, 79, 62 Fair.

Wind varied from NW to W. SW. S - S.E.
Some of my white roses were ~~begin to appear~~ fully blown.

Monday 18 SE 64, 72, 59 Cloudy Rain 5.10ths 1.20th

Wind varied from SE to E & vice versa
Morning & evening foggy.

Tuesday 19 NE. 58, 73, 58, Cloudy

Wind varied from NE to E - SE.
Morning & evening foggy.

Wednesday 20 NE 57, 67, 59 Cloudy. Rain

The wind varied from N.E to E - SE thence back to NE.
The forenoon was foggy - the afternoon evening much thunder lightning & rain 2 inches 2.10ths
The forenoon was so chilly I had a fire in my office.

Thursday 21 E. 60, 71, 61 Cloudy Foggy part of the day.

Wind varied from NE to E - SE then back to E.

Friday 22 NE. 63, 75, 66 Cloudy Fair near 1/2 day.

Wind varied from NE to E - SE.
Moon quartered 4 h. 42 m. P. M.

Saturday 23 S.E. 63, 79, 61 Fair. Cloudy near 1/2 day

Wind varied from SE to S - thence to S.E.
Morning foggy.

Sunday 24 NW 60, 88, 76 Fair

Wind varied from SW to W - NW - N. thence to NW
Atmosphere smoky hazy - could look on the sun at 6 o'clock P.M. without injuring the eye.
Forenoon wind brisk, afternoon little to be felt.

Monday 25 E. 73, 88, 68 Fair

Wind varied from NE to E. SE.
Atmosphere smoky all day.

Tuesday 26 SW. 69, 91, 76 Fair.

Wind varied from SE to S - SW - thence to S.
Atmosphere smoky thro the day but more so in the morning & evening. Began to half hill my corn.
Moon & ~~Stars together~~.
Evening lightning in the NW & N. but very distant.

Wednesday 27 SW. 69, 86, 76 Cloudy

Wind varied from the S. to SW. & vice versa
Horizon smoky - Evening distant lightning in NW - N - NW.

Thursday 28 NE 68, 71, 63 Cloudy Rain 7.10th 1.20th

Wind varied from SE to E - NE - N.
Morning foggy - Thunder.

Friday 29 S.E. 62, 78, 64 Fair Cloudy near 1/2 day

Wind varied from NE to E - SE
Moon changed 11 h. 2 m. A.M.

Saturday 30 SW. 61, 78, 71, Fair Cloudy near 1/3 day

Wind varied from SE to S - SW - W - NW thence to SW again

Summary for June.

The thermometer at the highest was 91, at the lowest 46 it averaged 67.

June 1821.

At 6 o'clock AM it averaged 61, at One O'clock PM 76 & near 1/4. at 9 O'clock P. M. 64 & more than 1/4.

The wind was South West 9 days, South 2, South East 4, East 3, North East 7, North 1 & North West 4 days.

It was fair 18 days, cloudy 12, it rained in 7, fogg in 8, Lightning in 4, & Thunder in 2 days.

Of rain there fell 5 inches 1,10th 1,20th 1,40th & 1,80th

The average heat in the months of June for 13 years was 64 1/6

The average quantity of rain that fell in the months of June for 13 years was 3 inches, 1,10th 1,40th 1/2 80th

Notes

June 12 In the evening at Quebec a storm of ~~unusual~~ thunder & lightning of unusual violence & duration. It lasted from 6 till 9 O'clock, during the greatest part of which time the flashes of lightning were incessant & the rolling of the thunder without intermission.

27th In the night at Norfolk Va a tremendous thunder shewn from 1/2 past 11 till 1, the lightning was apparently one continued blaze of fire; & the continued peal of thunder interrupted only by sudden & severe cracks, which appeared to threaten instant destruction to every thing around. It rained almost incessantly the whole time.

This month in England has been unusually cold & frosty - wind N.E. & cold. The season has been very dry.

Sunday 1 SW brisk 69, 84, 71 Fair
Wind varied from SW. to S.

Monday 2 SW 63, 84, 64 Fair. Rain
Wind varied as yesterday.
Little distant thunder.

Tuesday 3 NW brisk 63, 73, 57 Fair, Cloudy 1/3 day Rain } 7 10ths 1.20th
Wind varied from NE to N. NW. Frost in low sandy land in the night

Wednesday 4 NW. 54, 66, 57 Fair
Wind varied from N.W. to W. SW - S - SE.

Thursday 5 SE 52, 70, 55 Fair Cloudy 1/4 day.
Wind varied from NE - to E - SE. thence to E.
Morning so cool as to have a fire in the office. Began to hill my corn.

Friday 6. SE. 57, 68, 56 Fair. Morning little fogg
Wind varied from NE to E. - SE.

Saturday 7 S. 56, 80, 62, Fair. Morning considerable fogg over the River & low land.
Wind varied from the E to SE - S - SW thence to S. again.
Moon quartered 4 h. 0 m. in the morning.

Sunday 8. SE. 59, 83, 62. Fair. Considerable distant thunder - lightning in the south east in the evening - little rain
Wind varied from SW. to S - SE & vice versa.
Water Melons on my Hundlet place began to blossom.
Night foggy.

Monday 9 SE 64, 81, 66 Fair
Atmosphere very smoky.
Wind varied from E to SE - SW thence to S - SE.

Tuesday 10 SE 59, 81, 68. Fair.
Wind varied from E to SE - S. thence to S.E
Morning very foggy.
Began my haying.

Wednesday 11 E 62, 63, 59 Cloudy Rain 1 inch.
Wind varied from E to SE - N.E. Had a fire in my office
Fogg at some part of the day on the hills

Thursday 12 NW brisk 55, 67, 61. Fair, cloudy 1/3 day.
Wind varied frequently from NW to N. & vice versa.
Had a small fire in my office 4 hours.

Friday 13 NW brisk 58, 71. 59. Fair.
In the morning had a fire in my office.
Evening very little light fogg arose in low land for a few moments.

Saturday 14 NW. 56, 72, 61 Fair.
Wind varied from NW to W. SW.
In the morning fire in my office.
Moon fulled 11 h. 31 m. P.M.

Sunday 15 NW. 61, 78, 63 Fair.
Wind varied from NW to W. SW.
Cucumbers at my Kundlet's place in full blossom — at my garden begin to blossom — my pompkins begin to blossom.

Monday 16 SW. 65, 86, 69 Fair } Potatoes in my garden in full blossom.
Wind varied from W. to SW.

Tuesday 17 SW. 60, 84, 69. Fair. } Rain 1.10th
Wind varied from SW. to S. —

Wednesday 18 SW brisk 71, 83, 62 Fair, Cloudy 1/3 day
Rain 1,20 1,40 1,80th
Wind varied from SW to W. — NW.
Evening bright Aurora Borealis.

Thursday 19 SW. 59, 81, 66 Fair.
Wind varied from SW to W. NW — thence to S.

Friday 20 S. 61, 82, 63. Fair, Cloudy 1/3 day
Wind varied from SW to S — SE.

Saturday 21 NE 64, 64, 62 Cloudy, fair 1/3 day
at noon & afternoon thunder, distant lightning — Rain 3.10th 1.20th
Wind varied from SW to W. NW — NE — E — SE so slowly that it it is difficult to say what point was most prevalent.
Evening fogg on low land.
Moon quartered 9 h. 6 m. P.M.

Sunday 22 NE 62, 76, 62, Fair.
Wind varied from NE to E — SE.

Monday 23 SE 57, 81, 66 Fair — Cloudy 1/3 day
Wind veered from NE to E — SE.
Moon & 7 stars passed.
Atmosphere some smoky — Evening rain a little.

Tuesday 24 E. 62, 66, 63 Cloudy rain
Wind varied from SE to E — NE then to E — SE — E.
Began to kill my lambs to eat. Some of my corn began to spindle. } Rain 5,10 1,20th

Wednesday 25. NE 62, 79, 62. Cloudy rain.
Wind varied from NE to E — SE thence to E.

Thursday 26 SE 66, 80, 66 Cloudy Fair more than 1/3
Wind varied from NE to E. SE.
Afternoon atmosphere smoky. Little rain
Little distant thunder in SW. in the afternoon
Evening distant lightning in SW.

Friday 27 W. 60, 79, 68. Fair
Wind varied from NE to E — W — NW thence to W. SW.

Saturday 28 SW. 60, 84, 76 Fair
Wind varied from SW to W — NW — thence to SW.
Moon quartered 9 h. 24 m. P.M.
Currants & gooseberries this summer were plenty.

Sunday 29 E 66, 79, 63, Fair Cloudy 1/4 day
Wind varied from SE to E — thence SE — thence E.
When clear afterwards the atmosphere was smoky
Eat new cucumbers from my vines.
Evening foggy.

Monday 30 SW. 65, 88, 81. Fair
Wind varied from SE to S — SW. W — NW — thence to W. SW.
In the morning foggy — rest day hazy — atmosphere smoky
The thermometer 4 & 8 Clock PM was 92 at 5 — 90.

Tuesday 31 SW 74, 93, 84 Fair
Wind varied from SW to W. thence to SW - S. - SE.
Morning foggy - then atmosphere smoky.
The thermometer at 10 O'clock AM. 88, at 12 - 91; at 4 O'clock PM. 96, at 5 - 101.

Summary for this month.

The thermometer at the highest was 93, at the lowest 52 it averaged 64
at 6 O'clock A.M it averaged 61 1/3. at 1 O'clock PM. 77 2/3 nearly a 9 O'clock PM. 65 1/4.
The wind was West 1 day, South West 9, South 2, South East 7, East 3, North East 3, & North West 6 days.
It was fair 26 days, cloudy 5, it rained in 12, fogg in 9, thunder in 4 & lightning in 3 days.
Of rain there fell 2 inches, 7 10th, 1 40th & 1 80th.
The average heat in the months of July for 13 years was 68 1/2
The average quantity of rain that fell in the months of July for 13 years was 3 10th inches 8 10th 1 20th & 1 80th

Note. The thermometer at Concord NH, July 31, in the shade was 98.
25th A great fall of rain in Maryland which produced an extraordinary freshett, that destroyed bridges, fences, &c
17th The Savannah river rose at Augusta Georgia, 18 feet above its usual height. The crops of corn on the low grounds have been nearly destroyed.
The average heat for the month at Boston was 69 1/4 - the highest 88.
15th A violent tornado in 3 of the counties in Georgia, destroyed buildings, fences & crops to a considerable extent.
30th At Ans on Me P.M the thermometer was 95. the 31st at 96 for several hours in a room with doors & windows open.
30th At Bangor Me. it was 94. 31st 97.

Wednesday 1, SW. 75, 91, 79 Fair Cloudy 1/5 day
Wind varied from SW to W. NW. Atmosphere smoky.
Thermometer at 4 O'clock P.M. 93.
Evening lightning in the NW - N & NE. & wind brisk at NW.
Thursday 2, SW 70, 86, 71 Fair
Wind varied from SW to W. thence to SW - S - SE.
Thermometer at 3 PM was 91, at 5 - 90.
In the evening little distant lightning in the North.
Friday 3 SE. 66, 84, 69. Cloudy, Rain 1.80th
Wind varied from E. to SE - S thence to SE - then to SW.
In the afternoon distant thunder - some fogg
In the evening Distant lightning in the W & NW. & fogg in low land.
Saturday 4 NW brisk 66, 83, 70 Fair
Atmosphere smoky.
Sunday 5 NW brisk 63, 76, 65 Fair.
Monday 6 NW brisk 60, 76, 63 Fair, cloudy 1/4 day.
Wind veered from NW to N. Little rain & distant thunder.
moon quartered 9 h. 22 m P.M.
Tuesday 7. NE 57, 78, 57 Fair, Cloudy 1/4 day
Wind varied from NE to E - S - E thence to NE - N. NW. thence to NE again - one blast from the NW was high
Thunder lightning & rain 4.10th
Wednesday 8. NE 55, 66, 56 Cloudy Fair 1/3 day
Wind varied from NE to E. S.E - S. Little rain
~~moon quartered 9 h. 22 m P.M. in SW~~
Thursday 9 SW. 55, 74, 64 Fair.
Wind varied from W to SW.
Morning fogg in low land.
Friday 10 SW. 58, 84, 76 Fair
Wind varied from SW to W - NW thence to SW.
Atmosphere smoky. Finished gathering in my Oats.
Saturday 11. NW brisk 67, 88, 76 Fair
Wind varied from SW to W. thence to NW. it was not easy to decide whether W or NW. was the most prevalent

August 1821.

The atmosphere was hazy & a dense body of smoke that ~~[illegible]~~ morning Evening & Around the sun & [illegible] portion of the night the moon shone.

Sunday 12 NW birds 67, 78, 64 Fair.
Wind varied from NW to W- SW- S. ~~[illegible]~~ & E-
near sunset
but little smoke in the atmosphere.

Monday 13 W. 54, 78, 68 Fair
Wind varied from W to NW thence to W- SW.
atmosphere somewhat smokey.
moon fulled 9 h. 20 m in the morning.

Tuesday 14 SW. 60, 88, 80 Fair
Wind varied from W. to SW.
Atmosphere very smokey.
The thermometer at 3 o'clock p. m was 92, at 4-93.

Wednesday 15 SW. 72, 95, 81 Fair.
Wind varied from W to SW- thence to W again.
Atmosphere smokey.
Thermometer at 3 O'clock P.M. 95, 4-96, 5-91, 6-89.
In the evening lightning in the south.

Thursday 16 E. 71, 85, 70 Fair
Wind varied from SW to NW- N- NE- E.
Thermometer at 3 P.M. 86, 4-84, 5-81, 6-75.
Atmosphere very smokey- the sun was one hour in the morning & near 2 at night was invisible- smoke ~~[illegible]~~ it.
Finished haying- Crops very good- mine about the same as last year but in general not so much hay.

E 62, 75, 62 Fair. Cloudy near 1/2 day

Friday 17
Atmosphere very smokey.

Saturday 18 SW. 67, 89, 66 Cloudy- sun shone 1/4 day.
Wind varied from SW to W. NW. N.
The morning smokey-
Thunder lightning & rain 7. 10th
The lightning struck one of the chimneys of my son Samuel house.
The lightning struck ~~[illegible]~~ the chimneys of my son Samuel house. It ran down inside of it passed W to the north, on the south in front thro the ~~[illegible]~~ chimney in the entry followed a rail into the cellar & split one ~~[illegible]~~ but nothing ~~[illegible]~~ to, as the cellar rail broke & ran from it [illegible]

August 1821.

Sunday 19 N W 66, 83, 73, Fair
Wind varied from SW to W- NW- N. thence to SW.
Little smoke- near evening some appeared.

Monday 20 SW. 61, 86, 76 Fair
Wind varied from SW to S. SE
Morning some fog in low land.
Atmosphere smokey at a distance
Some thunder & lightning & little rain.
much distant lightning in the Evening particularly in the N. & E.
Moon quartered 2 h. 1 M. P.M.
Moon & 7 stars passed each other.
In the night much lightning, some thunder- rain 40th, 80th +

Tuesday 21. SW 66, 79, 62 Fair cloudy 1/4 day.
Wind varied from SW to S. SE. thence to SW- W- NW & brisk
Little rain.

Wednesday 22 NW 61, 71, 62 Fair
Wind varied from NW to W & from thence to NW.
Atmosphere somewhat smokey.

Thursday 23. NW 54, 71, 58 Fair.
Wind varied from NW to N- N.E. & back again.
afternoon atmosphere smokey.
Note ~~[illegible]~~ 14th a violent tornado or Hurricane, which ~~[illegible]~~ considerable injury to buildings, crops, fences &c.

Friday 24 N E. 58, 76, 60 Fair.
Wind varied from NW to N. NE.
Note, on the 1st instant at Bangor me the thermometer was 100.

Saturday 25 NW 57, 68, 54 Fair
Wind varied from SW to NW & vice versa
atmosphere somewhat smokey.

Sunday 26 S. 53, 78, 65 Cloudy. Rain 1. 10th 1. 20th 1. 40th
Wind varied from SW- to S- SE.
Little smoke appeared in the atmosphere.

Monday 27 N.E. 58, 71, 58 Fair.
Wind varied from NE to E.

+ The shower commenced at Boston at the same hour, high wind much lightning & hail that broke considerable glass

Moon changed 10 h. 29 m. am.
The sun was eclipsed in the morning, visible 9 digits 25 m.
This evening for the first time this summer I saw the 7 stars before I went to bed.
Began to dig new potatoes to eat.

Tuesday 28 S.E. 49, 76, 53 Fair.
Wind varied from NE to E. SE.
Morning foggy in low land.

Wednesday 29 SE. 51, 71, 62, Cloudy Fair 1/4 day
Wind varied from E to S.E. Morning foggy in low land - night thick fogg.
The forenoon so chilly I had a fire 2 hours in my office.
Note On the 20th at 12 O'clock at night the thunder storm commenced at New Hampton N.H. - wind S.E. & high, thunder & lightning severe, & hail broke much glass & injured vegetation.

Thursday 30 SE 64, 80, 66 Cloudy Fair 1/4 day.
Little distant thunder
Wind varied from SE to E.
Morning thick fogg.

Friday 31 SW. 65, 83, 67 Fair.
Wind varied from SW to W. & slightly to NW & then back again.
Light fogg in the morning.

Summary for August.

The thermometer at the highest was 95, at the lowest 49; it averaged 69.
at 6 o'clock a.m. it averaged 61 1/2, at 1 o'clock P.M. 79 1/2 & at 9 o'clock P.M. 66 1/4.
The wind was West 1 day, South west 10, South 1, South East 4, East 2, North East 4, & North West 9 days.
It was fair 24 days, cloudy 7; it rained in 8, thundered in 6, lightned in 7 & foggy in 7 days.
Of rain there fell fell 1 inch, 1.10th & 1.80th
The average heat for the months of August for 13 years was 67.
The average quantity of rain that fell in the months of August for 13 years was 4 inches 5.10ths 1.20th & 1.40th

Summary for the summer of this year.

The thermometer at the highest was 95, at the lowest 46, it averaged 66 2/3.
At 6 O'clock a.m. it averaged 61, at one O'clock P.M. 77 2/3, at 9 O'clock P.M. 65 1/3
The wind was West 2 days, South West 28, South 5, South East 15, East 8, North East 14, North 7, & North West 13.
It was fair 68 days, cloudy 24; rain in 27 days, fogg 24, Lightning 14 & Thunder in 12 days.
Of rain there fell 9 inches 1.40th & 1.80th
The average heat for summer in 13 years was 66 1/3.
The average quantity of rain that fell in the last 13 summers was 11 inches, 8.10th, 1.20th & 1.40th.

Notes
Augt 15 At Spring of Mill Vineyard, 9 miles N.NW from Philadelphia the thermometer in the shade north side of the house at 2 O'clock P.M. was 102 - 16th 104. - 17th 101.
20th The thunder & lightning extended far east, Hallowell is not further - it struck several buildings & burnt several barns.
The average heat for August at Boston was 72. At the highest it was 91. Observations take 3 times in the day in a chamber.
At Meredith NH the greatest heat 94 the average for 2 O'clock P.M. 78.

Saturday 1 S.W. 65, 77. 67. Cloudy, Rain 1.20, 1.40th
Wind varied from SW to S. thence vice versa.
Some fogg in low land in the morning.

Sunday 2 S.W. 70. 83. 70 Cloudy Rain 2.10th, 1.20th
Wind varied from S to SW & thence back again.

Monday 3 S. 71 85. 71. Cloudy Rain 1.10th
Wind varied from S to SW & then to S. after to S.E.
Morning little fogg.
In the night the wind blew very strong for 5 hours from the S.E.

Tuesday 4 SW. 71. 84. 68 Cloudy-Fair near 1/2 day
Evening & night rain 1.10th 1.20, 1.40 Moon quartered 2 h. 19 m. A. M.
The high gales of last night prostrated the Indian corn except were the staths was cut, which was only done in few places & that on small pieces. It blew down some fruit & forest trees - blew off a considerable portion of the apples. Blew down some board fence tho none for me. The dryness of the ground saved both the trees & the board fence. It was the highest & strongest wind except one that I recollect, to wit that in Sept 1815 the gale was high at Boston, commenced at 10 O'clock the same time as with us.

Wednesday 5. SW. brisk 66, 73, 61 Fair
Wind varied from SW to W. NW.
From Epping to Newmarket thence to Epping.

Thursday 6 NW brisk 58, 71. 56 Fair Cloudy near 1/2 day
Wind varied very little from NW to W. Morn. fogg in low land.

Friday 7 SE 50, 73, 57 Fair.
Wind varied from SW to S. SE - E.

Saturday 8 SW. 54. 83, 72 Fair.
Wind varied from SW to S & thence back again.
In the evening a little distant lightning in the East.

Sunday 9 SW. 66. 83. 70 Fair Cloudy 1/3 day Rain 6.10th, 1.20th
Wind varied from S to SW. & vice versa. In the night wind high.
At 5 O'clock P. M. thunder & lightning began in the NW & N. for 2 hours there was much lightning & for one hour almost a continued blaze a considerable thunder but distant did not appear heavy - little hail.

Monday 10. NW & very high 68. 73, 63 Fair Cloudy 1/4 day
Wind varied from NW to N & vice versa.

Tuesday 11 E. 51. 71. 55 Fair-Cloudy near 1/2 day
Wind varied from SW to S.E - E. Rain
Moon fulled in the East 6 h. 33 m. in the evening.
Finished cutting my staths except a piece of green corn left for my fat ox.

Wednesday 12 SE. 53, 57. 56 Cloudy Rain 1 inch 8.10th 1.20th
Wind varied from SE to E. NE. N.

Thursday 13 NW & high 55, 66. 58 Fair
Wind slightly varied from NW to W.

Note Sept 3. the gale commenced at New York at 12 o'clock at noon at S.W. & was much stronger than here - it did much injury to buildings of every description - to trees & to fences, & the destruction to the shipping at the wharves & at the quarantine ground was great. Some lives were lost both on the land & the water.

At Philadelphia the gale commenced at 10 O'clock am & at Norfolk Va at 7. At both places the wind was high, & at the last place it blew from the N.E; & did much damage. From the accounts I have rec'd it appears at the southward to have been much higher & stronger than it was here.

Friday 14 NW brisk 52, 65. 54 Fair
Wind varied slightly from NW to W & vice versa.
White frost in the night - the first I have seen this season.

Saturday 15 NE. 44, 65, 51 Fair.
Wind varied from NE to N. NW. W. SW. S. SE. & so slowly that it is difficult to say from what point it most prevailed.
Evening some fogg arose in the low lands.

Sunday 16 NE 48, 67. 56 Cloudy - Evening rain
Wind varied from NE to E - S.E. S.
Moon & 7 stars passed each other.

Monday 17 SE 54. 65. 55 Cloudy Rain
Wind varied from S.E to E. & vice versa.

rain 6.10th 1.40th

September 1821.

Tuesday 18 S.W. 56. 70. 57. Fair, cloudy near 1/2 day
rain 1.80th
Wind blew from every point in the course of the day.
Little fogg in the morning.
Moon quartered 8 h. 1 m. in the morning.

Wednesday 19 N. 52, 67. 57. Fair
Wind varied from NW to N. – NE.

Thursday 20 NE. 43, 59, 50 Fair Cloudy 1/6 day
Wind varied from NE to E – S.E. Rain in the night.

Notes. On the 9th about 6 O'clock P.M. the shower & tornado commenced & passed thro Croydon, Wendell, New London & Warner in a southeasterly direction – ~~there & at Hearn George's Gore~~ the power of the wind was great, buildings, trees fences & corn were demolished & several persons were killed. See N.H. Patriot Sept 17.
At 5 O'clock P.M. the same day there was a hail storm in the city of New York which destroyed many of the glass windows – some of the hail stones were from 10 to 14 inches in circumference, weighed from 3 to 14 ounces; & some of them were filled with gravel & grass, & in some were enclosed stones which weighed more than 4 oz. each.
The same time there was considerable hail in Concord NH.
At Worcester, particularly & the vicinity, the gale was strong & did much injury.

Friday 21 S.W. brisk 51. 71. 61 Fair, Cloudy 1/4 day
Morning foggy, cloudy, rain 6.10th, 1.40.
Wind varied from SE to S. SW – W. N.W.

Saturday 22 NW brisk 47, 64, 51 Fair.
Wind varied from SW to W. – N.W.

Sunday 23 NW. 43, 64, 55, Fair.
Wind varied from SW to W. NW from NW to W. alternately.
In the evening light in the North.

Monday 24 SE. 45, 57, 52 Cloudy Rain 7.10th, 1.80th
Wind varied from SE to E. SE.

Tuesday 25 S.W. 53, 71. 59 Fair. Morning foggy but not thick.
Wind varied from SW. to W.
In the evening wind NW & high – Light in the north.

Wednesday 26 NW & brisk 39. 52. 42 Fair.
Moon changed 2 h. 18 m. in the morning.
Night White frost. The first that killed the leaves of my corn or the vines of my pomkins this year.

Thursday 27 SW. 34, 52, 46 Fair
Wind varied from W to SW – S – thence to SW again.

Friday 28 NW. 46. 65, 51. Fair
Wind varied from SW to W. NW.

Saturday 29 SW. 38. 67. 52 Fair
Wind varied from NW to N. thence to N.W – W – SW.
Began to dig my potatoes for winters use. Gathered my beans.

Sunday 30 E 45, 67, 56 Cloudy fair near 1/2 day.
Wind varied from NE to E – S.E. Some fogg in the evening.

Summary for this month.

The thermometer at the highest was 85, at the lowest 38, it averaged 59 2/3
At 6 o'clock A.M. it averaged nearly 53. at one O'clock, near 69. & at 9 O'clock P.M. 57 2/3 nearly.
The wind was South west 11 days, South 1, South East 4, East 2, North East 3, North 1, & North west 8.
It was fair 21 days, cloudy 9; it rained in 11, fogg in 7, lightning in 2 & thunder in 1 day.
Of rain there fell 4 inches 9.10th 1.20th & 1.80th
The average heat in the months of September for 13 preceeding years was 59 1/3
The average rain in the months of September for 13 preceeding years was 3 inches, 2.10th & 1/12 of a 10th.

Notes. The first frost this season, in Canada that was perceptible was the 15th of this month.
The Gale in the West Indies which has done so much damage there commenced on the same day 9th instant as that in New Hampshire & Massachusetts.

Monday 1. SE 53. 63. 58. Cloudy foggy a little, Rain } 3 10th 1. 40th
Wind varied from E to SE - S.
Tuesday 2 NE 58, 67. 58, Cloudy Fair 1/3 day Rain
Evening very foggy.
Wednesday 3 SW. 53. 70. 55 Fair. Morning thick fogg.
Wind varied from S to SW - W - NW.
Thursday 4 NW brisk 45, 60. 45 Fair
Wind varied from NW to W & thence to NW.
Moon quartered 6h. 13 m. a.m.
Friday 5. SW. 41. 65. 58 Fair cloudy 1/4 day
Wind varied from SW. to W & back again several times.
In the evening a cloud of fogg ~~[illegible]~~ apparently 100 rods long & 10
wind passed from the NW to SE at the rate of 1/2 a mile a
mind - I saw it with pleasure - its motion was easy tho rapid.
Began to gather my Indian corn. Night little rain.
Saturday 6 NW brisk 54, 71, 50 Fair
Wind varied from SW to W - NW.
Sunday 7 SE. 37, 62, 48 Fair
Wind varied from SE to S. & from S to SE alternately
In the morning fogg arose & stood over the river
Monday 8 NE 46, 61. 43. Cloudy rain, 1 20th 1. 40th
Wind varied from NE to E - SE - S - SW - W. NW.
Little fogg in the morning. Began to gather my apples.
Tuesday 9 SW 35, 56, 42 Fair.
Wind varied from NW to W - SW - S - SE.
Wednesday 10 NW high 40. 47. 35 Fair
Thursday 11 SW. 29. 50, 34 Fair
Wind varied from W to SW - S - SE - E.
Moon fulled 3h. 38m. am.
Friday 12. SE. 37, 50, 54 Cloudy Rain 4 10th 1. 20th
Wind varied from SW to S - SE.

Saturday 13. SW. 56, 66, 51 Fair
Wind varied from SW to W - NW.
Morning foggy. Moon & 7 stars passed each other.
Sunday 14 NW. 46, 49, 44 Cloudy Fair 1/4 day Rain 2 10th
Wind varied from SW to W - NW - N - NE thence to NW.
Morning fogg rose on high land.
Monday 15 SW 36, 52, 46 Fair cloudy 1/3 day
Wind varied from NW to W - SW.
Tuesday 16 SW 46, 60, 49. Fair - Rain 1 20th
Wind varied from SW to W - NW from the last point blew hard
In the morning fogg rose on high land.
Wednesday 17 NW 34, 47, 37 Fair.
Moon quartered 7h. 22 m. P.M.
Thursday 18 NE 31, 41, 38 Cloudy
Finished my Indian harvest. The crops of corn this
year were not equal to the last - in some towns not more
than two thirds - Mine fell short one half. It was not owing
to the land, chekings, cultivation or to the season. The corn suffered nothing for the
want or excess of rain, or ~~of heat~~ the want of heat or by frost;
but from rust. The rust killed some stalks ~~the~~ but few - the
ears were short & filled out at the upper end.
Friday 19. NE. 32, 39, 32 Cloudy, Snow 1/2 inches in
the morning, but all dissolved before 1 O'Clock P.M.
at Hallowell Me there fell 7 inches.
Wind varied from NE to N. Began to make my cyder.
Saturday 20 W 26, 51, 43 Fair.
Wind varied from SW to W. thence to NW & back to W. again.
Sunday 21 W. 34, 59, 55. Fair
Wind varied from S. W. to W - & from W. to NW - & back again.
at 1/2 4 am. An air quake. It was so loud as to wake me.
Wind varied from [illegible]
Fogg on hills & high land.
[illegible]

Monday 22 NW & high 51, 48, 33 Fair.
Wind varied from SW to W. NW.
Gathered my pumpkins. The number was great but their size not large - few good ones. This is generally the case as far as I have seen & heard the present year. Vines did not prosper well except cucumbers - much melons & water melons were few, small & not of a good quality.

Tuesday 23 NW brisk 29, 48, 35 Fair
Wind varied from NW to N - & vice versa.

Wednesday 24 NW. 25, 45, 35 Fair.
Wind varied from SW to W. NW.

Thursday 25 NW. 27, 43, 38, Fair.
Wind varied from NW to W. & thence to NW.
Moon changed 8h. 3m. P.M.
Finished gathering my potatoes. Contrary to the general expectation of farmers the crops of this vegetable were good, & the quality fine except in some lands when they were affected by the rust.
I had 2 patches planted in my garden one on land on which potatoes had grown 4 years in regular succession, & the other on which they had not been planted for 4 years: on the last the crop was 5 times as large as the other - On the last piece I had a bushel from 4 hills.

Friday 26 SW 29, 60, 48 Fair.

Saturday 27 SW brisk 43, 65, 56 Fair. Atmosphere smoky in the forenoon.
Wind varied from SW to S. & vice versa.
A gall in the night from the N.W. for a few minutes was very strong.

Sunday 28 NW brisk 42, 57, 49 Fair - Cloudy near 1/2 day.
Wind varied from SW to W. NW. Morning small fogg on low land.

Monday 29, SW brisk 39, 64, 57. Fair.
Atmosphere smoky part of the day.
In the night light clouds & the wind from S.W. very high.

Moon fulled 5h. 38m. [illegible]

Friday 12. SE. 37, 50, 54 Cloudy Rain 4 10th 1. 20th
Wind varied from SW to S - SE.

Tuesday 30 W. 48, 55, 42 Fair
Wind varied from SW to W. NW thence to W.
Atmosphere somewhat smoky.

Wednesday 31 E. 30, 51, 37 Fair.
Wind varied from W to SW. SE - E. & then to S.E.
Atmosphere smoky - I have in this journal made use of the term smoky tho I am convinced it is not smoke arising from fires, but a vapour which in certain states of heat & state of the earth arises from the ground.

Summary for this month.

The thermometer at the highest was 71, at the lowest was 25, it averaged 46 2/3.
At 6 O'clock AM it averaged 39 3/4, at 1 O'clock P.M. 53 3/4 & at 9 O'clock P.M. 45 1/3.
The wind was West 3 days, South West 10, South East 3, North East 4, & North West 10 days.
It was fair 24 days, cloudy 7; rain in 6; fogg in 10 & snow in 1 day.
Of rain there fell 1 inch & 1 10th
Of snow 2 inches 5 10ths
The average heat in the months of October for 13 preceding years was 47 3/4.
The average of rain in the months of October for 13 preceding years was 3 inches.
The average of snow in the months of October for 13 preceding years was 2 10ths 1 40th & 1 80th

Wind varied [illegible]
Fogg on hills & high land.
[illegible]

Thursday 1 S&E birds 46, 54, 42, Cloudy, Rain 1 inch 7/10ths
Wind varied from E to S&E- S- SW- W- NW- thence to W. again.
Friday 2 NW birds 39, 47, 34 Fair
Wind varied from NW to W then to NW again.
Moon quartered 8 h. 25 m. P.M.
Saturday 3 S&E. 27, 52, 49 Cloudy fair near 1/2 day
Wind varied from E to S&E- S. Cloudy Rain 1/10
Finished making cyder from my orchards made only 15 barrels.
The quantity of apples in this vicinity was small & not of a good quality. my winter apples many of them were nearly & rotted on the trees before it was time to gather them.
Springs & wells low.
Sunday 4 W. 52, 57, 44 Fair.
Wind varied from SW to W. Morning some foggy.
Monday 5 NE 39, 43, 41 Cloudy Rain
Tuesday 6 NE 38, 41, 39 Cloudy- Rain. } 1 inch 2 10ths & 1 40th
began to tye up in the barn a part of my cattle.
Wednesday 7 SW 46, 52, 43 Cloudy Rain
Morning dark & foggy Thunder heard in the SW.
Wind varied from NE to E- S.E.- S. SW.
Thursday 8 NW birds 43, 52, 42 Fair
Wind varied from W to NW & vice versa.
Friday 9 SE 33, 52, 45 Fair
Wind varied from SW to S.- SE
Moon fulled 1 h. 2 m. am. in the SW.
Saturday 10 SE. birds 46, 52, 43 Cloudy Rain 1 inch.
Wind varied from S.E to S. SW.
Monday 11 SW. 31, 42, 39 Fair.
Tuesday 12 SE. 45, 52, 36 Cloudy Foggy Rain 2 10ths
Wind varied from SE to S.- SW.
Moon fulled 5 h. 28 m. am.
Friday 12. SE. 37, 50, 54 Cloudy Rain 4 10ths 1. 20ths
Wind varied from SW to S- SE.

Thursday 13 NW high 31. 39, 29 Fair.
Wednesday 14 SW 25, 38, 31 Cloudy Fair near 1/2 the day.
Little snow, very little, a few flakes.
Thursday 15 SW 26, 37, 33 Cloudy Snow 1 20th but dissolved
Wind varied from SW to S. & vice versa.
Friday 16 S.W. 27, 37, 39 Cloudy Rain
Wind varied from SW to SE- NE. Killed my hogs } Rain 2 10ths 1 20th
Moon quartered 9 h 47 a m.
Saturday 17. NE 37, 37, 36 Cloudy Rain.
Sunday 18 SW 31, 48, 35 Cloudy.
Wind varied from SW to W. Thence to SW.
Monday 19 SW 30, 39, 33 Cloudy.
Wind varied as yesterday.
Tuesday 20 NW & birds 29, 39, 33 Cloudy
Wednesday 21 SW 30, 34, 33 Cloudy Snow 5 10ths
Wind varied from SW to NE.
Thursday 22 NE. 30, 34, 38 Cloudy Rain 3 10ths 1 20th 1 80th
Some foggy.
Friday 23 SW 31, 43, 32 Fair. Morning some foggy.
Wind varied from SW to NW & vice versa.
Saturday 24 NE birds 31, 34 30 Cloudy Snow 3 inches
Moon changed 3 h. 28 m P.M. Evening rain 1.10th
Sunday 25 SW 36, 36, 33 Fair cloudy 1/3 day
Wind varied from SW to NW & vice versa.
Monday 26 NW. 28, 35, 28 Fair Cloudy 1/4 day.
Wind varied from NW to SW & from SW to NW alternately.
Evening light in the North, but not brilliant.

Wind varied
Fogg on hills & high land.

November 1821.

Monday 27 NW. 24, 31, 24 Fair
Wind varied from NW to W. & back again.

Tuesday 28 NW 18, 32, 19 Fair.
Same snow remains.

Wednesday 29 SW 20. 31. 26 Cloudy. Snow 1/2 10th

Thursday 30 NE 17, 22, 21 Cloudy Snow 1.

Summary for this month.

The thermometer at the highest was 57, at 1st lowest 17.
it averaged 36 1/3.
at 6 O'clock AM. it averaged 32 3/4 at 1 O'clock P.M 41 1/3 at
9 O'clock P.M 35.
The wind was west 1 day, South west 11 days, South east
5, North east 6, & North west 7 days
It was fair 11 days, cloudy 19; rain in 11, foggy 5, thunder 1,
& snow in 6 days.
Of rain there fell 7 inches. 5 10th & 1 20th
Of snow 3 inches 6 10th & 1 20th

Notes. On examination I have found that the average of heat, rain & snow for the quarter & year as I have noted are in some instances erroneous, I shall therefore discontinue them. I have begun an appendix to this volume, in which I shall accurately & at leisure calculate & set down in a table, which will be more convenient & correct than my former ~~practice~~ mode, & to which I refer.

In the middle of Nov[r] snow in the western parts of New York was 18 inches deep on a level.

At Washington City the average heat was 42 4/5. the highest 50 lowest 28.
The average in London for 8 years 44 2/5. Paris 43 years 44. Vera Cruz 13 years 75 1/2.

Moon fulled 5 h. 26 m. a.m. 10th 20th
Friday 12. NE. 37, 50, 54 Cloudy Rain 4 11 1.
Wind varied from SW to S-SE.

December 1821

Saturday 1 NE 17, 23, 15 Fair.
Wind varied from NE to E.

Sunday 2 S. 20, 35, 33 Cloudy.
Wind varied from SW to S.
Night rain. 3 10.
Moon quarter a. 8 h. 23 m. a.m.

Monday 3 NW 33, 43, 30 Fair
Wind varied from SW to W.-NW.
Some snow still on the ground.

Tuesday 4 SW. 30, 43, 34 Fair Cloudy near 1/2 day
Wind varied from SW to W.
Morning atmosphere smoky.

Wednesday 5 SW 30, 40, 33 Cloudy
Wind varied from SW to W & back again.
Night snow 3 10th

Thursday 6 NW high 31, 30, 25 Cloudy Little snow

Friday 7 SW 26, 36, 29 Cloudy
Moon & 7 stars passed. 10th

Saturday 8 SW 22, 34, 31 Cloudy Snow 1 inch 5. 10th
Wind varied in the evening from SW to NE
In the night rain ~~a little~~. 1. 80th
Moon fulled 11 h. 46 m. P.M.

Sunday 9 W. Fair 28, 41, 29 Fair
Wind varied from SW to W. NW thence back to W.
Most of the snow is dispelled.

Monday 10 W. 20, 31, 26 Fair
Wind varied from SW to W. NW & NE.

Tuesday 11 E. 32, 33, 23 Cloudy Snow 2 inches 5. 10th Little rain
Wind varied from S.E to E-NE-N.
~~Hundred crags~~ in the SW ~~an~~ quake in the SW P.M.
sup. 588.
Wind varied from
Fogg on hills & high land.

Wednesday 12 NW 15, 25, 16. Fair
Wind varied from NW to W & vice versa
People begin to ride in their sleys.

Thursday 13 NE. 20, 26, 33 Cloudy. Snow 7 inches
Wind varied from NE to E.
In the day snow - in the night wind E & strong Rain 2 10th 1 20th

Friday 14 W, & high 27, 28, 20 Fair.
Wind varied from W to NW alternately.

Saturday 15, NW. brisk 10, 20, 5 Fair
Wind varied from SW to NW.

Sunday 16 NW 0, 19, 11 Fair.
Wind varied from NW to SW alternately
Moon quartered 3 h. 1 m. AM.

Monday 17 SW 11, 33, 30 Cloudy - fair near 1/2 day
Wind varied from W to SW

Tuesday 18. SW. 31, 35, 29 Cloudy Snow 2 inches 5 10ths
Just after sunsett fair, & a light fogg arose near the ground.

Wednesday 19 SW 8, 28, 19 Fair
Wind varied from SW to NW & vice versa.

Thursday 20 SW 12, 34, 26. Cloudy. Fair 1/3 day.
In the night snow 5 10ths

Friday 21, NE. 25, 33, 32 Cloudy Rain 2 10ths
Light fogg at intervals thro the day.
The air quake mentioned on the 11th was an error - it was the explosion of the gunpowder mills at Chelmsford Ms.

Saturday 22 NE. 32, 31, 20 Cloudy, Snow 1 inch
Wind varied from NE to N.

Moon fulled 5 h. 38 m. AM.

Friday 12, SE. 37, 50, 54 Cloudy Rain 4 10th 1 20th
Wind varied from SW to S - SE.

Sunday 23 NW brisk 16, 17, 7 Fair

Monday 24 SW. 8, 24, 14 Fair
Wind varied from W to SW.
Moon changed 8 h. 13 m. AM.

Tuesday 25 NE. 17, 26 21 Cloudy
Wind varied from SW to NE.

Wednesday 26 NW 9, 20, 7 Fair
Wind varied from SW to W. NW.

Thursday 27 SW. 3, 22, 15 Cloudy

Friday 28 SW. brisk 16, 34, 33 Cloudy fair 1/3 day
Wind varied from SW to S. & vice versa - air chilly & severe.

Saturday 29 NW brisk 8, 3, 0/3 Fair.

Sunday 30 NE. 0/3, 10, 8 Cloudy. Night snow 3 inches.
Wind varied from NE to E. SE. thence to NE.

Monday 31 NE. 11, 27, 13 Fair
Moon quartered 6 h. 3 m. PM.
Forenoon atmosphere smoky.

Wind varied from [illegible]
Fogg on hills & high land.

January 1822.

Tuesday 1 SW. 0, 28, 27, Cloudy. Night rain 1.20th

Wednesday 2 NW high 31, 39, 13 Fair
Wind varied from SW to NW
Morning light fogg near the ground.

Thursday 3 SW 0/5, 23, 28 Cloudy
Wind varied from SW to S.

Friday 4 NW 7, 5, 0/5 Fair Moon & stars pushed each other

Wind varied from NE to NW.

Saturday 5 NW high 0/14, 1, 0/8 Fair +
Wind varied from NW to N. NE & back again.
Night snow 2.10ths

Sunday 6 SW. 0/4, 12, 10 Fair

Monday 7 W 5, 21, 12 Fair.
Wind varied from W. to SW thence to W. NW.
Moon fulled 11h. 2m.

Tuesday 8. E 16, 25, 28 Cloudy Day snow 6 inches.
Hail- Evening rain 1.10th 1.40th
Wind varied from NE to E thence from E to NE-N.

Wednesday 9 NW brisk 21, 31, 12 Fair
Wind varied from NE to N. NW.

Thursday 10 NW 0, 7, 0/3 Fair
Wind varied from NE to N-NW-W. SW. back to NW.

Friday 11 NW 0/8, 12, 6 Fair +
Wind varied from NE to NW-SW as yesterday.

Saturday 12 SW 22, 32, 20 Fair
Wind varied from SW to W.
a little hail.

+ In the morning the thermometer at Concord was 0/24.

+ The thermometer at Hanover was 29 below zero.

Moon fulled 5h. 28m. a.m. 10th 20th

Friday 12. SE. 37, 50, 54 Cloudy Rain 4 11 1.
Wind varied from SW to S-SE.

January 1822

Sunday 13 NE. 20, 27, 0/1 Cloudy
Wind varied from NE to N.-NW
Little hail.

Monday 14 NW 0/14, 0/1, 0/1 Fair
Wind varied from NW to W. SW.

Tuesday 15 SW 10, 30, 19 Fair
Moon quarted 6 h. 53 m. in the morning.

Wednesday 16 NE 11, 16, 0 Fair
Wind varied from NW to NE

Thursday 17 E. 0/10, 9, 2 Fair
Wind varied from NE to E.-SE.

Friday 18 SW 7, 31, 33 Fair. Night rain 1.20th

Saturday 19 SW 38, 46, 36 Fair-cloudy 1/3 day.

Sunday 20 NE 35, 42, 33 Cloudy
Wind varied from NE to E.

Monday 21 SE 22, 41, 36 Cloudy Fair near 1/2 day
Wind varied from SW to S.

Tuesday 22 SW 35, 45, 36 Fair. Night rain 1.10th 1.40th
Wind varied from SW to W. NW thence to SW.

Wednesday 23 NW high 23, 10, 0/6 Fair. night snow 1.10th
Moon ~~quarted~~ ~~2 oclock a.m.~~ changed 0 h. 41 m a m.

Thursday 24 NW high 0/8, 0, 0/4 Cloudy Fair near 1/2 day

Friday 25 NW brisk -0/8, 4, 5 Fair
The ground is in part bare the travelling bad- icy & hard

Saturday 26 SW. 1, 24, 17 Fair
Wind varied from SW to S.

Wind varied from
Fogg on hills & high land.

January 1822

Sunday 27 S&E. 22, 30, 21. Cloudy, Snow 1 inch 7 10ths

Wind varied from S&E to S. SW.

Monday 28 SW. 19, 40, 25. Fair - hazy, cloudy part day

The atmosphere was smoky.

Tuesday 29 SW 26, 37, 25 Cloudy

Wind varied from SW to S.

Atmosphere smoky.

Wednesday 30 E. 26, 31, 20. Cloudy Snow & hail

Snow 3 inch 8. 10ths

Rain a little.

Wind varied from SW to E - NE.

Moon quartered 2 h. 5 m. a m.

Forenoon atmosphere a little smoky - air light.

Thursday 31 NE 16, 21, 18 Cloudy Snow & hail

Moon & Jupiter passed each other

February

Friday 1 NE 13, 31, 17 Cloudy - Even. fair

Wind varied from NE to N.

Saturday 2 NW 5, 25, 15 Fair

Wind varied from N to NW.

Sunday 3 E 3, 28, 22 Fair

Wind varied from SW to E, thence SE - S - SE. again.

Forenoon atmosphere smoky.

Monday 4 E 27, 32, 28 Cloudy, Snow 2 inch 7. 10ths

Wind varied from E to NE - E - SE & E. Night NW & high

Tuesday 5 SW 5, 20, 9 Fair

Wind varied from NW to W - SW.

Wednesday 6 E 14, 32, 24 Cloudy Snow 1 inch.

Moon fulled 5 h. 38 m. a m. 16m 20s

Friday 12. SE. 37, 50, 54 Cloudy Rain 4 / 1.

Wind varied from SW to S - SE.

February 1822.

Wind varied from SW to E - N. E. Night NW & high.

Moon fulled 0 h. 36 m. a. m.

Thursday 7 NW high 6. 10. 1. Fair

Wind varied from NW to SW - E.

Friday 8 SE 2, 25, 14 Fair cloudy near 1/2 the day.

Wind varied from SW to S. SE - E - thence to S.

Saturday 9 SW 3, 34, 25 Fair. Cloudy near 1/2 day

Wind varied from SW to S - SSE.

Sunday 10 NW 25, 25, 12 Fair

Wind varied from SW to NW.

Monday 11 SW. 1, 23, 21 Fair

Wind varied from SW to S. In the night it was cloudy wind SW & high - Snow a little

Tuesday 12 N. 25, 21, 15 Fair

Wind varied from N to NW thence to N. NE.

Wednesday 13 NE 10, 17, 12 Cloudy, Snow 5 10ths

Wind varied from NE to N thence to N E - E.

Moon quartered 10 h. 21 m P. M in the N. E.

Thursday 14 NE 7, 18, 13 Cloudy, Snow 6 10ths

Friday 15 NE 5, 22, 11 Fair

Wind varied from NE to N. - NW.

Saturday 16 S. 0/2, 35, 35 Cloudy Snow 2 10ths

Wind varied from NE to SW - S - SE.

Morning atmosphere smoky.

Evening Rain

Sunday 17 S. 38, 42, 33 Cloudy Rain 2 / 1 10ths

Wind varied from S. to SW

Foggy -

Wind varied from [illegible]

Fogg on hills & high land.

Monday 18 NE 28, 28, 20 Cloudy Snow 9 inches
Wind varied from NE to E & vice versa.
In the night wind strong & high.
Tuesday 19 NW brisk 24, 31, 21, Fair.
Wind varied from NE to N. NW.
Wednesday 20 SW 13, 40, 31, Cloudy. Evening little snow.
Wind varied from NW to W. S.W.
Thursday 21 SE 32, 47, 44 Cloudy Rain 6.10, 1.20
Foggy.
Wind varied from NE to E. SE. S. SW. then to S.
A little after sunsett it cleared off a clear horizon. A small cloud lay in the West from which it lightned & in a few minutes the horizon was covered with clouds. rained & lightned 4 or 5 hours considerably. I heard it thunder once. there was little wind it was foggy. The lightning resembled the heat lightning of summer & the showers & air that of April.
The sun was partially eclipsed in the afternoon.
The moon changed 2 h. 50 m. P.M in the S.W.
Friday 22 SW 40, 48, 38 Fair Cloudy 1/3 day
near half the open ground is now bare.
Saturday 23 NW. 15, 23, 15 Fair
Wind varied from N.W. to N. NE. E.
Sunday 24 S. brisk 10, 41, 32 Cloudy
Wind varied from E to SE. S. SW. thence S. SE. thence S.
In the night snow 4.10ths
Monday 25 NW high 17, 16, 10 Fair.
Tuesday 26 SW 8, 30, 28 Cloudy Fair 1/3 day
Wednesday 27 SW. 25, 51, 45 Fair
Wind varied from SW to S. & vice versa
Moon fulled 3 h. 38 m. A.M.
Friday 12. SE. 37, 50, 54 Cloudy Rain 4.10th 1.20th
Wind varied from SW to S. SE.

Atmosphere smoky.
Moon & 7 stars passed each other.
Thursday 28 SW. 38, 56, 42 Fair
Wind varied from SW to S. SE.
Atmosphere very smoky.
Moon quartered 9 h. 28 m. A.M. in the NE.
This winter in England was milder than any in the recollection of observing men.

March.

Friday 1 SW. 42, 61, 44 Fair. Cloudy near 1/2 day
Wind varied from SW to S. SE. E. NE.
Atmosphere smoky.
Blue birds appear.
Saturday 2 SE 41, 58, 47 Cloudy foggy Rain. 3.10th 1.80th
Wind varied from S. to S.E.
Forenoon atmosphere very smoky.
Striped squirrels appear.
Sunday 3 SW 45, 46, 33 Fair
Wind varied from SW to N. W.
Monday 4 NW brisk 33, 40, 32 Fair
Wind varied from NW to N.
Tuesday 5 SW 27, 53, 40 Fair.
Wednesday 6 SW 35, 59, 45 Fair } Robbins, Black birds & Killdees appear.
Wind varied from SW to NE.
Thursday 7 NE 31, 40, 28 Cloudy Fair 1/3 day
Wind varied from NE to E. SE. thence to E.
Moon fulled 3 h. 50 m. P.M. NE.
Friday 8. NE brisk 22, 22, 17 Cloudy. Snow 6 inches
Saturday 9. NE 10, 19, 18 Fair
Sleds & sleys running free travelling principally in sleys.
Wind varied from [illegible]
Fogg on hills & high land.
[illegible]

March 1822

Sunday 10 SW. 12, 35, 23 Fair. Sleying bad
Monday 11 SW. 23, 48, 41 Cloudy Fair near 1/2 day
Tuesday 12 SW. 33, 52, 35 Fair. Roads muddy but not deep
Wind varied from SW to NW & from the last point in the evening blew fresh & strong.
Wednesday 13 NW high 25, 30, 22 Fair.
Thursday 14 N℄ 22, 33, 23 Fair
Wind varied from N℄ to NW then back again.
Friday 15 NW. 21, 43, 29 Fair. Moon quartered 6 h. 34 m P.M. in the North.
Saturday 16 SW. 21, 54, 35 Cloudy fair near 1/2 the day
Wind varied from SW to S. & thence back again
Sunday 17 ℄ 27, 52, 40 Fair.
Wind in the morning SW & during the day breathed from every point in the compass.
Atmosphere smoky.
Monday 18 NW brisk 34. 41, 31. Fair. Began to pick rocks.
Tuesday 19 S℄- 22, 48, 31 Fair
Wind varied from SW to S- S℄.
Wednesday 20 N℄ 33, 53, 39 Fair
Wind varied from SW to S- S℄-℄- N℄.
Thursday 21 N℄ 29, 44, 28 Fair
Wind varied. from N℄ to ℄- S℄.
Friday 22 N℄ 26, 39, 32 Cloudy. Snow & hail } night rain
Wind varied from N℄ to ℄. S℄ & back to N℄ again }
Larks appear with quite flying into the south. } 2 16h, 40.
Saturday 23 N℄ 34, 38, 26. Cloudy Rain
Wind varied from N℄ to N- NW. night fair wind NW & high
Moon changed 2 h. 24 m. A.M. in the N. ℄. Some people began to plow.
Moon fulled 3 h. 28 m. A.M. 10m 20s
Friday 12. S℄. 37, 50, 54 Cloudy Rain 4 " 1.
Wind varied from SW to S- S℄.

Sunday 24 NW brisk 23, 39, 34 Fair
Wind varied from NW to W & back again.
Monday 25 N℄ 25, 44, 32 Fair. Began to land manure
Wind varied from N℄ to ℄- S℄- S. SW.
Tuesday 26 SW. 22, 58, 47 Fair.
Wind varied from SW to W.
Note. The splendid meteor that shot across the western parts of New York, on the 26th instant, I was accompanied there with a party, but they heard no noise. Tho' the noise was seen here by 2 or 3 of my family,
Wednesday 27 S℄ 32, 48, 33 Fair
Wind varied from N℄ to ℄- S℄. Atmosphere smoky.
moon & 7 stars joined each other.
Thursday 28. S℄ high 43, 54, 55 Cloudy Rain 6, 10 1, 20
Wind varied from S℄ to S- SW.
Frogs began to sing.
Friday 29 NW high 37, 36, 27 Fair. Little snow
Wind varied from SW to W. NW.
Moon quartered 5 h. 20 m. P.M. in the south.
Saturday 30 SW high 19, 37, 28 Cloudy Little snow
Wind varied from SW to W- NW. & back to W.
Sunday 31 W. 25, 39, 28 Cloudy fair 1/3 day
Wind varied from SW to W. & vice versa.

April.

Monday 1 S.W. 36, 45, 30 Cloudy. Little rain
Wind varied from SW to W- NW- N℄. night high
Tuesday 2 S℄ 20, 46, 34 Fair
Wind went round the compass.
Wind varied from
Fogg on hills & high land.

April 1822

Wednesday 3 SW high 34, 55, 37. Fair. Cloudy near 1/2 day
Wind varied from S & to S. SW. W. NW.
Thursday 4 SW high 25, 45, 39 Fair cloudy 1/3 day
Wind varied from S & to S. SW. W. NW Thence to SW.
Power appear.
Friday 5 S. 34, 42, 35 Cloudy Little snow. Misty
Wind varied from S & to S. SW. thence to S. S & E. & N E.
In the evening rain 1 10h 1.20h
a little distant thunder
Saturday 6 NE. 28, 40, 30 Fair. Began to plow.
Wind varied from NE to N & vice versa.
Moon fulled 7 h. 58 m. A. M. in the North West.
Sunday 7 SW high 34, 61, 46 Fair. Cloudy 1/3 day
Wind varied from SW to S. S & E & back again to SW.
Night rain 1.20 1.40
Monday 8 NE. 47, 48, 33 Cloudy. Fair 1/3 day
Wind varied from SW to S. S & E. E. NE. N. NW.
Tuesday 9 S & E 27. 38, 31 Cloudy. Snow
Wind varied from NE to E. S & E.
Wednesday 10 E. 32, 35, 33 Cloudy, Snow, Hail Rain
Wind varied from E to S & E. thence to E. NE.
At night as well as during the day the ground was
covered with snow.
Thursday 11 E. 33, 55, 43. Cloudy, Rain fair 1/3 day
Wind varied from E to S & E. S. SW. W. NW thence to SW.
The snow that fell the 9th & 10th was 3 inches 5 10th when received since in
the whole melted
Therein the two last days 4. 10th 1. 20th Woodwalk appear.
Friday 12 NW brisk 36, 47, 36 Fair
Wind varied from NW to E.

Saturday 13 E 39, 42, 38. Cloudy Rain } 1 inch 1.10
Wind varied from S & to E.
Sunday 14 E. 36, 42, 46 Cloudy Foggy Rain.
Wind varied from E to NE. N. NW.
Moon quartered 11 h. 58 m. A M in the West.
Lark appear.
Monday 15 NW high 36, 45, 33 Fair cloudy 1/3 day
Wind varied from NW to W.
Tuesday 16 E 32, 44, 35 Cloudy. Little snow Rain 1 inch 1.20
Wind varied from S & to E. NE.
Wednesday 17 NW brisk 33, 50, 38 Cloudy Fair near 1/2 day
Thursday 18 S & E. 30, 52, 32 Cloudy, Hail Snow 2 inches. Rain 1.20
Wind varied from SW to S & E. E. NE. Martins & Power appear
Friday 19 NW 33, 48, 39. Cloudy.
Wind varied from NE to N. NW. Thence back again to N. E.
Snow on the high lands N. 7 inches deep.
Saturday 20 NE. 37, 42, 33 Cloudy. Rain 1 40h
Wind varied from NE to N. thence to NE. E. S & E. S. SW.
Evening a little foggy.
Sunday 21 SW 29. 56, 33 Fair cloudy 1/3 day
Wind varied from SW to S. E.
Moon changed 11 h. 33 m. A M. in the south.
Monday 22 NE. 33, 47. 39 Cloudy
Wind varied from NE to NW. SW. S & E. N. E.
Night rain. 1.10h
Tuesday 23. S W. 35. 48, 38 Fair. Moon & 7 stars together.
Wind varied from S & E to E. S & E. S. S.W. thence to SW. S & E.
Wednesday 24 SW. 41. 62. 49 Cloudy Rain 1 10h 1.20 1.40h
Wind varied from SW to S. S & E. S. W.
Night rain a little.

Thursday 25 SW. 43, 63, 51 Cloudy Rain 1.40th
Wind from every point of the compass.
Morning distant thunder & lightning
Friday 26 SE 51, 66, 43 Fair.
Wind varied from NW to W- SW- S- SE- E- SE.
Saturday 27 NE. 39, 48, 44 Cloudy Rain
Lalock leaves as large as mooses ear.
Wind varied to & from every point in the compass. } 7.10th 1.20th
Sunday 28 SE brisk 46, 65, 51. Cloudy Rain
Wind varied from NE to E- SE- S.
Moon quartered 2 h. 33 a m. in the North West.
Night hawks appear.
Monday 29 NW & high 51, 64, 51 Fair
Wind varied from SW to NW.
Tuesday 30 SW. brisk 44, 69, 60 Fair
Wind varied from SW to S. Green leaves appear on my horse chesnuts.

May.

Wednesday 1 SW brisk 57. 79. 54 Fair. Thunder, Lightning
Rain 1.10th People began to plant Indian corn.
Wind varied from SW to W- NW. thence to SW.
Thursday 2 W. 53, 77, 72 Fair, Cloudy near 1/2 day.
Wind varied a little from W to SW & from W to NW.
Began to plant my potatoes.
Friday 3 NW high 54, 59. 49. Fair
Wind varied from NW to W & vice versa
Began to sow my Oats.
Saturday 4 NW brisk 40, 56, 49 Fair } Cut asparagus to eat
Wind varied from NW to W.

Moon fulled 5 h. 38 m. a.m.
Friday 12. SE. 37, 50, 54 Cloudy Rain 4 10th " 1. 20th
Wind varied from SW to S- SE.

Sunday 5 NW 40, 45, 42 Cloudy Rain 1.20th 1.40th
Wind varied from NE to N- NW.
The buds of the blossoms of Apple trees appear.
Monday 6 NW brisk 37. 54, 46 Fair, Cloudy near 1/2 day
Wind varied from NW to W- & from W to NW.
Moon fulled 0 h. 8 m A.M. in the South.
Tuesday 7 NW 37, 64, 52 Cloudy, Fair 1/3 day Rain 1.80th
Wind varied from NW to W- SW.
The buds of the blossoms of peach trees appear.
The blossoms of Black hart cherry trees some of them open.
Wednesday 8 NW brisk 52, 65, 51 Fair, Cloudy 1/3 day
Wind varied from NW to W & vice versa.
Thursday 9 NW brisk 46, 57. 46 Cloudy. Fair 1/3 day
In the afternoon atmosphere smoky.
Friday 10 W. 41. 58, 47 Fair, Cloudy more than 1/3 day
Wind varied from SW to W- NW then to W.
Saturday 11 NW brisk 43, 60, 51 Fair
atmosphere smoky. Humbirds appear
Sunday 12 SW. 43, 70, 56 Fair.
Wind varied from SW to S- SE.
Mobilinkes or Chattering birds appear
Monday 13 SW high 47. 76. 62 Fair
Wind varied from W to SW- S.
atmosphere smoky.
Tuesday 14 SW high 55, 82, 61 Fair
Wind varied from SW to W- thence to SW- S.
Moon quartered 1 h. 38 m. A.M. in the South East.
Finished sowing my oats & planting my beans; finishing plowing
Wednesday 15 W. 57, 82, 61 Fair- Cloudy near half day
Wind varied from [illegible]
Fogg on hills & high land.
[illegible]

Wind varied from W. to S. W – thence to W. NW.
Rain a little.
Atmosphere smoky – little fogg.

Thursday 16 NW brisk 51, 65, 53, Fair
Many apple trees in full blossom – the trees contain many blossoms. Kingbirds appear.
Lalocks are nearly in full blossom.
Atmosphere some smoky.
The fires in Allenstown, Deerfield & Chester down much damage to the wood & timber.

Friday 17 E. 48, 64, 50 Cloudy. Fair near 1/2 day.
Wind breathed from every point Rain 1.80th
Planted my Corn – finished planting my potatoes.
The blossoms of apple trees began to fall.

Saturday 18 SW. 53, 72, 57, Cloudy, Fair 1/3 day
Wind varied from SW to W.
Thunder, Lightning, & Rain 2.10th 1.80th

Sunday 19 NW. 54, 69, 58 Fair Cloudy near 1/2 day
Wind varied from NW to W. thence to N.W
Little rain. Evening light in the North – small.

Monday 20 SW 48, 69, 54 Fair.
Wind varied from NW to W – SW – S – SE – & thence to W.
Moon changed 6 h. 58 m. P.M. in the West.

Tuesday 21 SW & high 54, 71, 63 Cloudy Rain 1.10th 1.40th
Wind varied from SW to S – thence to SW – W.

Wednesday 22 SW. 68, 82, 73 Fair, Cloudy near 1/2 day
Little rain – morning light fogg.
Wind varied from SW to S. thence to SW – W – thence to SW again.

Thursday 23 NW. 68, 79, 61 Fair
Wind varied from W to NW & vice versa.
Some people began to weed their corn.

Moon fulled 5 h. 38 m. [illegible]

Friday 12. SE. 37, 50, 54 Cloudy Rain 4.10th 1.20th
Wind varied from SW to S – SE.

Friday 24 NW high 55, 61, 48 Fair
Light in the north in the evening. Frost in the night

Saturday 25 SW 42, 62, 46 Fair
Wind varied from NW to W. – SW. Frost in the night.

Sunday 26 SW 43, 70, 52 Fair
Wind varied from NW to W – SW.

Monday 27 SW. 56, 78, 71 Cloudy Fair 1/4 day
Wind varied from SW to W.
Moon quartered 1 h. 36 m. P.M. in the South East.

Tuesday 28. W. 68, 87, 76 Fair. Washed my sheep.
Wind varied from SW to W – NW – thence to W.
The morning the atmosphere was smoky
Indian corn thro the great drought has not come up well.
Began to hoe my potatoes for the 1st time.

Wednesday 29 NW. 66, 81, 65 Fair.
Wind varied from W to NW – thence to W – NW – N – NE.
Atmosphere smoky, Night so thick as to hide the stars, & moon red.

Thursday 30 N.E. 56, 76, 52 Fair. Sheared my sheep.
Wind varied from NE to E – SE – S. SW – W.
The atmosphere was smoky all the day, but in the morning till after 10 O'clock it was like a dark dense cloud.

Friday 31 SE. 54, 85, 69. Cloudy. Little rain.
Wind varied from NE to E – SE – S – SW – W – N.
Morning foggy.

June

Saturday 1. S.E. 67, 83, 62 Cloudy Fair near 1/2 day
Wind varied from NE to E. S.E. & back again & again alternately
The morning & evening foggy.
Planted my cucumbers, mush melons, water melons & squashes.

Wind varied from [illegible]
Fogg on hills & high land.
[illegible]

June 1822

Sunday 2. S.E. 57, 76, 61. Cloudy. Foggy. Thunder, Lightning & rain 9.10ths
Wind varied from NE to E. SE. S. SW. W. NW.

Monday 3 NW high 55, 71, 61 Fair. My peas in blossom.
Wind varied from W to N.W.

Tuesday 4 NE. 56, 56, 53 Cloudy, Rain 2.10ths, 1.40
Wind varied from NE to N. NW. SW. thence to NW.
Moon fulled 4h. 39m. P.M. in the North East. Frost on some low land in the night
Evening fair. Light fogg arose in low land.

Wednesday 5 SE. 52, 67, 51 Fair } Frost on some low land in the night.
Wind varied from NE to E. SE. S. SW.

Thursday 6 SW 51, 72, 50 Fair.
Wind varied from NE to E. S.E. S. SW. W. NW. N. NE.

Friday 7 SW. 55, 75, 59. Fair.
Wind varied from NE. to E. S.E. S. SW. thence to NE & thence back again SW. thence to S.

Saturday 8 NW & high 60, 77, 63 Cloudy fair near 1/2 day
Wind varied from SW to W. NW. rain 4.10ths
In the evening light in the North.

Sunday 9 NW brisk 62, 73, 66 Fair.
Monday 10 NW & high 66, 77, 72 Fair. At 5 O'clock P.M. 86 thermometer.
Atmosphere smoky.
The dust in the streets flew so as to render travelling uncomfortable.

Tuesday 11 NE. 62, 78, 58 Fair. Cloudy 1/3 day
Wind varied from NE to E. SE thence back again from NE to N.
Evening Rain 1.20th, 1.40th Distant lightning.
Atmosphere smoky.

Wednesday 12 NW & high 61, 77, 61 Fair.
Wind varied from W to NW. Morning thick fogg afterwards atmosphere somewhat smoky.
Moon quartered 11h. 31m. A.M. in the west.
Finished weeding my corn, potatoes & beans.

Moon fulled 5h. 38m. [illegible]

Friday 12. SE. 37, 50, 54 Cloudy Rain 4.10th, 1.20th
Wind varied from SW to S. SE.

June 1822.

Thursday 13 NE. 59, 71, 55 Fair.
Wind varied from NE to E. SE. thence to E. again.

Friday 14 SE 49, 74, 56 Fair.
Wind varied from NE to E. SE. S.

Saturday 15 W. 54, 81, 72 Fair
Wind varied from NW to W. SW & back again.
Atmosphere smoky.

Sunday 16 NW & high. 74, 88, 61 Fair
Wind varied from SW to W. NW from the last point it blew hard & dust filled the streets
Part of the day atmosphere smoky.
Evening light in the North.

Monday 17. NW 56, 71, 56 Fair Cloudy 1/2 day.
Wind varied from NW to W. SW & back again to NW.
A little distant thunder & lightning. Rain 1.10th
Moon & 7 stars passed each other.

Tuesday 18 NE 52, 63, 50 Cloudy fair near 1/2 day
Wind varied from NE to E. SE & vice versa & to N.
Rain 1.10th

Wednesday 19 NW 54, 71, 55. Fair } Moon changed 1h. 48m A.M. in the N.E.
Morning some fogg in low land.
Wind varied from NE to N. NW. thence to N.

Thursday 20 SW. 58, 66, 55 Cloudy Rain 1.10th, 1.20th & 1.40 } Finished hoeing my corn the second time
Wind varied from SW to S. SE thence to S. SW. W.
The morning was fair but fogg lay over low land.

Friday 21 NW brisk 55, 74, 69. Fair.
Wind varied from SW. to W. NW.
Morning foggy. cloudy. Evening Rain 1.80th

Saturday 22 NW. brisk 61, 76, 65 Fair
Wind varied from SW to W. NW.

Sunday 23 NW brisk 62, 76, 67 Fair
Wind varied from NW to W. SW & back again.

Monday 24 NW. 69, 68, 62 Cloudy, Thunder, lightning, Rain 1 inch 6'
Wind varied from SW to W. NW. thence to SW. & back again to NW. N.
Fogg on hills & high land.

June 1822.

Tuesday 25. S.E. 59, 72, 58. Fair
Wind from every point.
Wednesday 26 N.W. 58, 82, 71 Fair. Little thunder, Rain 1 10, 1 20th
Wind varied from N.W. to W. S.W. thence to W. N.W.
Moon quartered 2 h. 44 m. A.M. in the North West.
Thursday 27 N.W. brisk 62, 73, 66 Fair.
Wind varied from N.W. to W. thence back again.
Eat the last of my apples that grew in 1820.
Friday 28 N.W. 63, 76, 71 Fair. Began to gather green peas.
Wind varied from N.W. to W. S.W. & back again.
Saturday 29. N.W. 64, 85, 69 Fair
Wind varied from N.W. to W. S.W. S. S.E. E. N.E.
Atmosphere somewhat smoky.
Sunday 30 S.W. 66, 79, 73 Cloudy Fair 1/3 day.
Wind varied from N.W. to W. S.W. Even. lightning in the North.
Little rain.
Note, the winds of this month have been unusually high for the season & dry — after a rain the surface of the earth soon became dry. Rivers & wells low.
The prospect for corn good, but for hay bad.

July

Monday 1. S.W. 70, 91, 73 Fair.
Wind varied from N.W. to S.W. thence W. N.E. N.W.
Distant lightning & considerable thunder.
Tuesday 2 N.E. 70, 76, 64 Fair, Cloudy 1/4 day — Even. foggy.
Wind varied from N.E. to E. S.E. thence back to N.E. again.
A little distant thunder.
Finished hilling my corn.
Planted some potatoes in my garden where vines failed to grow.
Wednesday 3 N.E. 59, 65, 59 Cloudy, Rain 1 inch 1 10th
Wind varied from N.E. to E. thence to N.E. N. N.W.

day 12. ... S.W. to S. S.E.

Thursday 4 N.W. 65, 82, 78 Fair.
Wind varied from N.W. to W. & vice versa.
Moon fulled 6 h. 10 m. A.M. in the west.
Atmosphere some smoky.
Friday 5 N.E. 74, 82, 71 Fair.
Wind varied from N.E. to E. S.E. & vice versa.
Atmosphere somewhat smoky.
Saturday 6. N.W. 70, 92, 75 Fair — Cloudy 1/3 day — little rain.
Wind varied alternately from N.W. to S.W.
Morning foggy — Atmosphere somewhat smoky.
Picked my currants — had an abundant crop.
Sunday 7 N.W. 75, 88, 75 Fair
Wind varied as yesterday.
Some smoky the lower part of the atmosphere.
Monday 8 N.E. 62, 62, 55 Cloudy Rain 5 10ths
Slight variation of wind from N.E. to N.
Some fogg on high lands.
A little distant thunder & lightning. Evening lightning in the East.
Tuesday 9 N.W. brisk 59, 72, 63 Fair.
Began my haying — i.e. to mow a little.
Wednesday 10 N.W. 56, 76, 67 Cloudy Fair 1/3 day — little rain.
Wind varied from N.W. to W. S.W. & back again — N.W. to N. & vice versa
Atmosphere somewhat smoky.
Thursday 11 S.E. 64, 73, 63 Cloudy Rain.
Thunder considerable at a distance & some lightning. The thunder commenced sometime before one in the morning & continued with some intermissions till 5 in the afternoon.
Wind varied from N.E. to every point & back again to N.E.
Moon quartered 6 h. 23 m. afternoon in the North.
Friday 12 N.W. 68, 72, 69 Cloudy Rain.
Wind varied from S. to S.W. W. N.W. from thence to S.W. & thence back again.
There was considerable thunder & some lightning thro the day.
In the night fair & light in the North.

July 1822.

Rain that fell the two last days 4 inches 6 10th 1 20th & 1 40th of which more than 4 inches fell this day.

Saturday 13 NW. 69, 82, 73 Fair, Cloudy 1/3 day

Wind varied from NW to SW & vice versa.

Sunday 14 NE. 65, 76, 69. Cloudy, Rain 2 10th 1 20th

Wind varied from NW to N. NE. E. SE thence to NE.

Monday 15 NW. 70, 85, 69 Fair, Cloudy near 1/2 day.

Wind varied from NW to SW. & back to NW again

Much distant thunder. Rain 2 10th

Tuesday 16 NW. 64, 78, 69 Fair Cloudy 1/4 day

Evening Lightning in the North & in every direction.

Wednesday 17 NW. 66, 78, 69 Fair

Got in some of my first hay which had been mowed on the 9th

Thursday 18 NW. 69, 81, 71 Fair. } Got into the barn the residue of my hay mowed on the 9th

Wind varied from NW to N. NE.

Atmosphere began to be a little smoky.

Moon changed 9 h. 7 m. A.M. in the South East.

Friday 19 SW 68, 88, 76 Fair

Wind varied from NW to W. SW.

Atmosphere more smoky than yesterday.

Saturday 20 SW 74, 89, 80, Fair.

Wind varied from NW to SW. & vice versa

Atmosphere smoky.

Evening lightning in the NW. N. NE.

Sunday 21. NW. 71, 86, 67 Fair. Cloudy 1/3 day. } a little hail.

Wind varied from NW to W. SW. thence to W. NW. N.

Morning small shower near Pinsett more. Thunder lightning. Rain 4 10th 1 40th

Monday 22 NE. 68, 83, 66, Cloudy Fair 1/3 day

Wind varied from N to NE. E. S. E. Even fogg in low land.

Tuesday 23 NE. 62, 84, 67 Fair.

Wind varied to every point. Morning thick fogg

Afternoon distant thunder in the W. NW.

Friday 12. [illegible]

Wind varied from SW to S. SE.

July 1822.

Wednesday 24 SW. 67, 84, 69. Fair.

Morning light fogg

Thunder lightning rain. 1 10, 1 40

The wind varied round the compass was so variable as to render it difficult to decide with precision which was prevalent.

Thursday 25 SE 66, 69, 61, Cloudy Rain 7 10th 1 20th

Wind varied from NE to E. SE. S. SW. W. NW.

A very little distant thunder.

Moon quartered 6 h. 3 m. P.M. in the South.

Friday 26 NW high 55, 66, 57 Fair.

Saturday 27 SE 52, 72, 58 Fair

Wind varied from NW to W. SW. S. SE.

Sunday 28 S. 58, 71, 68 Cloudy. distant thunder Rain 2 10th

Wind varied from S to SW. W. NW & back to SW again.

Evening fair. some fogg in low land.

Monday 29 NW. 64, 68, 65, Fair.

Tuesday 30 NE. 64, 77, 62 Fair.

Wind varied from N to NE & vice versa frequently.

Wednesday 31 NE. 57, 76, 60 Fair.

Wind varied from N to NE. E. SE, thence to NE. N. thence to NE.

In the morning some fogg in low land & on the side of hills.

August.

Thursday 1 NE 53, 79, 61 Fair

Wind varied from NE to E. SE. S. SW. W. NW. N. NE.

A little fogg in the morning as yesterday.

Friday 2 SW. 63, 84, 75 Fair.

Wind varied from SW to W. NW & vice versa.

Moon fulled 7 h. 33 m. P.M. in the South East. Moon eclipsed in the evening.

Morning foggy as yesterday. Atmosphere smoky.

Evening little lightning in the NW. & N.

A black cloud lay in that direction all the day.

Saturday 3 SW. 72, 87, 77 Fair.
Wind varied from SW to W-NW.
Atmosphere smoky.

Sunday 4 SW high 72, 88, 69 Fair, Cloudy near 1/2 day.
Wind varied from SW to SE thence to SW-W-NW thence to SW again.
Some thunder & lightning. Rain 1. 10th
Evening 2 bright moon days - that at the south the brightest, at the first & that at the north at the last.
Had the first cucumbers from my garden.

Monday 5 NW. 66, 75, 63 Cloudy Fair near 1/2 day
Wind varied from W to NW & then to W. & back to NW.

Tuesday 6 NW. 51, 67, 53 Fair
Wind varied from NW to N-NE-E. SE. & thence back again.
Finished my haying - taking all my mowing land. I cut about seven eights as much as last year. My two fields at the East end of my farm, which are in a good state of cultivation & well manured was about equal to what they were the last year; but my field at the west end of the farm, which I have had in possession for a few years only, being much bound out & not well manured, was much less. From the best information I have been able to gain I think the crop of hay in Epping this year will be about seven eights of what it was the last year - perhaps a little more. High land that was bound out has failed much - low land in good heart has borne a good crop.

Wednesday 7 NE. 50, 70, 56, Fair.
Wind varied from NE to E-SW & back again.
A little fogg in the morning.

Thursday 8 SE. 54, 71, 56 Fair
Wind varied from NE to E-S-E-SW.
In the morning a thick dense fogg.

Friday [illegible]
Wind varied from SW to S-SE.

Friday 9 S[illegible]E. 52, 79, 63, Fair
The wind varied from NE to E-SE. S. SW & back to SE.
It was so variable that it was difficult to say at which point it was most prevalent.
Moon quartered 11 h. 35 m. P.M. in the East.

Saturday 10 NW 57, 83, 72 Fair
Wind varied from NW to W-SW-S-SE & back again.
Small fogg in morning - Atmosphere smoky.
Moon & 7 stars together.

Sunday 11 NW. 62, 89, 74 Fair
Wind varied from NW to W. SW & back again.
Early in the morning small fogg in low lands.
The atmosphere very smoky.

Monday 12 SW. 69, 90, 80 Fair
Wind varied from NW to W. SW & even back again, then to SW.
Atmosphere smoky, but not so much so as yesterday.

Tuesday 13 NW. 71, 80, 70 Fair. Cloudy 1/4 day.
Wind varied from SW to W-NW.
Atmosphere smoky. Little rain.

Wednesday 14 NW. 56, 77, 63 Fair
Wind varied from NW to W-SW & back again.
Atmosphere smoky. Dug new potatoes to eat.

Thursday 15 SW 61, 75, 64 Cloudy. Rain ~~9 10th~~ 1 inch
Wind varied from SW to S-SW thence to W-NW.
Some distant lightning & considerable thunder.
~~Moon changed 6 h. 33 m. P.M. in the W.~~
~~At the time of the moon changing the sun was eclipsed but not visible in [illegible] in New England.~~

Friday 16 NW. 58, 77, 64 Fair
Moon changed 6 h. 33 m. P.M. in the west.
At the time the moon changed the sun was eclipsed but not visible in New England.

Saturday 17 NW. 62, 80, 62 Fair.

Sunday 18 NE. 54, 74, 59 Fair
Wind varied from NW to N-NE-E-SE & SW & thence to NE again.

August 1822

Monday 19 S.W. 58, 68, 65 Cloudy.
Wind varied from N.W to S.W alternately repeatedly.
distant thunder — Rain 1.10th
Atmosphere somewhat smoky.

Tuesday 20 S.W. 70, 86, 71 Fair.
Wind varied from S.W to W-N.W.
In the day distant thunder to the North & South, in the evening lightning in the east.
Some part of the day the atmosphere was smoky.

Wednesday 21 N.E. 64, 78, 59 Fair.
Wind varied to every point.
Little rain — distant thunder & lightning.

Thursday 22 N.E. 59, 70, 57 Cloudy.
Wind varied from N.W to N.E — E — S.E — thence to N.E again.
The morning was foggy.
distant thunder & lightning. Rain 1.20th 1.40th

Friday 23 N.E 57, 71, 54 Cloudy, fair 1/3 day. Little rain
Wind varied from N.E to N. back again, thence to E. S.E back again.
Began to cut corn & tether for my fat cattle.

Saturday 24 N.E. 54, 73, 57 Fair cloudy 1/3 day.
Wind varied from N.E to E — S.E & back again thence to N. N.W.
Morning small foggy on high land.
Moon quartered 11 h. 22 m. A.M. in the East.

Sunday 25 N.W. 53, 75, 59 Fair.
Wind varied from N.W to N. — N.E thence back to N.W.
Morning fogg as yesterday.

Monday 26 N.E. 55, 76, 58 Fair
Wind varied from N.E to E — S.E & back again.
morning more foggy than yesterday — Evening foggy.
atmosphere begins to be smoky.

Tuesday 27 S.E 52, 74, 54 Fair
Wind varied from N.E to E — S.E. & back again
Little fogg in the morning & evening.
Wind varied from S.W to S — S.E.

The beer for tonight past have been very great

August 1822.

Wednesday 28 N.E. 57, 73, 62 Cloudy Fair 1/4 day.
Wind varied from N.E to E — S.E, thence to N.E, N — N.W — W — S.W.
a little rain.

Thursday 29 N.W by N. 58, 75, 60 Fair.
The atmosphere was very smoky all the day & particularly so in the morning.

Friday 30 N.E. 45, 71, 54 Fair
Wind varied from N.W to N. — N.E, & thence to N.W. back again.
Atmosphere somewhat smoky — less so than yesterday.

Saturday 31 N.W. 48, 76, 59 Fair
Wind varied from N.W to W — S.W — S — E. thence to N.E. — S.E. — S. — S.W — W — N.W — N. — N.E.
The morning foggy in low land — in the day atmosphere some smoky.

September

Sunday 1 S.W 53, 79, 64 Fair.
Wind varied from S.W to S — S.E — E — thence back to S.W — W — N.W & N.
atmosphere somewhat smoky.
Moon full 7 h. 42 m. A.M. in the North West.

Monday 2. S.W. 56, 80, 69 Cloudy Rain 5.10th
Little distant thunder in the West.
Wind varied from S.W. to S. S.E thence to S.W — W — thence to S.W.

Tuesday 3 S.W by W 64, 82, 67 Fair.
Wind varied from S.W to N.W.
Distant thunder & lightning & little — Rain 4.10th
Evening foggy — lightning in the W. N. & E.

Wednesday 4 S.W. 61, 78, 65 Cloudy Fair 1/3 day
Wind varied from S.W to N.W alternately.
Rain 1.20th

Thursday 5 N.W 54, 70, 57, Fair.

Friday 6 N.W 49, 69, 54 Fair
Wind varied from N.W to W & thence to N. W again.

Saturday 7. SW & brisk 42, 76, 64, Fair. Even. little rain.
Wind varied from SW to NW & even back again.
Moon & 7 stars passed each other.
In the morning the atmosphere began to be smoky.
This smoky appearance or vapor from the earth usually
precedes the approach of warmer weather.

Sunday 8 NW. 56, 78, 61 Fair. } Moon quartered 4h. 38m. in the South East.
Wind varied from N.W to N.
Morning atmosphere somewhat smoky.

Monday 9 SW brisk 54, 83, 66 Fair.
Wind varied from NW to SW.
Atmosphere some smoky. - Morning foggy.

Tuesday 10 SW. 60, 82, 67 Fair.
Wind varied from SW to W & back again.
The morning there was a thick heavy fogg & great dew.
Evening fogg arose in the low land.

Wednesday 11. NW. 65, 82, 68. Fair.
Wind varied from NW to W-SW- & thence back to NW.
In the morning considerable fogg & very little rain.
In the evening little very distant lightning in the North & south.
Atmosphere a little smoky.

Thursday 12, W. 52, 79, 66, Fair.
Wind varied from NW to W-SW. Atmosphere a little smoky.

Friday 13. NW. 62, 81, 66 Fair.
Wind varied from NW to W & back again
Atmosphere very smoky.

Saturday 14. NE. 60, 68, 63, Cloudy.
Wind varied from NE to E- SW. & back again to N.E.
Atmosphere very smoky.
Evening Rain a very little.

Sunday 15. W. 61, 79, 70. Cloudy Fair 1/3 day
Wind varied from N to NW- W- SW.
Wind varied from SW to S- SE.

Morning thick fogg little rain.
Moon changed 6 h. 18 m. am. in the East.

Monday 16 NW & brisk 66, 67, 52 Fair

Tuesday 17 NW & high 45. 57, 45 Fair.
Frost in the night - the first since early last spring.

Wednesday 18 SW. 35, 66, 50 Fair
Wind varied from NW to W. SW. thence to W.
For the 1st time this season had a fire in the morning in my office.

Thursday 19 SW. 40, 70, 58 Cloudy, Fair 1/3 day
Wind varied from NW to W-SW- S- SE. } Began to haul out my barn yard manure.
Atmosphere somewhat smoky.
In afternoon a very little distant thunder.

Friday 20 SE. 57, 62, 56 Cloudy, Rain 1 inch 4 10th
Wind varied from SE to E- NE.

Saturday 21 NW brisk 56, 67, 53 Fair
Atmosphere somewhat smoky.

Sunday 22 NW. 44, 53, 40 Fair.
Finished cutting corn stalks for my fat cattle.

Monday 23 NW. 31, 62, 47, Fair.
Wind varied from NW to W. alternately.
Began to gather my winter potatoes.

Tuesday 24 NW. 40, 69, 53 Fair.
Wind varied from NW to W. alternately.

Wednesday 25 SW. 45, 72, 54 Fair.
Morning fogg in low land.
Atmosphere some smoky.
Wind varied from NW to W- SW- thence to W- NW- N.

Thursday 26 SW 49, 77, 69, Fair, Cloudy 1/5 day.
Wind varied from NW to W- SW.
Morning fogg in low land in the morning.

Friday 27 SW brisk 64, 82, 71 Cloudy, fair near 1/2 day
Wind varied from SW to S.
Morning small fogg in low land. Rain a little.

September 1822.

Saturday 28. SW high 69, 84, 70, Fair, cloudy 1/3 day.
Wind varied from SW to S.
Sunday 29 SW brisk 69, 76, 69, Cloudy Rain 5.[10th] 1.[20th] 1.[40th]
Wind varied from SW to W- & vice versa.
Monday 30. NW. 66, 77, 60 Fair Cloudy 1/3 day
Wind varied from SW to W.-NW.
Morning foggy on high land
Moon fulled 6h. 43 m. P.M. in the East.
Began to pick my winter apples.

October.

Tuesday 1. NE. 45, 57, 50, Fair
Wind varied from NW to N- NE.
atmosphere some smoky for 2 hours.
Wednesday 2 NE. 43, 53, 43 Cloudy.
Thursday 3 NE. 40, 53, 41 Fair
Wind varied from NE. to N- thence back again.
Friday 4 NE 36, 58, 46 Fair
Wind varied from NE to E- thence to NE- N.
Moon & Jevan stars passed each other.
Saturday 5 NE. 41, 65, 48 Fair.
Wind varied from NW to NE- E thence to NE- N.
Atmosphere smoky.
Evening fogg arose in the Low land.
Sunday 6 SW. 40, 68, 50 Fair.
Wind varied from NW. to W- SW.
Morning light fogg in Low land.
Atmosphere smoky.
Monday 7 SW 42, 68, 57, Cloudy
Wind varied from NW to W- SW & E-
Morning thick fogg.—night foggy.
Moon quartered 11h. 0 m. A.M. in the West.
Began to gather my Indian Corn.
Wind varied from SW to S- S.

October 1822.

Tuesday 8. SW. 53, 66, 56 Cloudy, Rain 4.[10th]
Wind varied from NW- to W- SW- S- SE- E- NE- N.
Morning thick fogg.
Evening first of the evening a thick fogg.
Wednesday 9 NE. 47, 63, 46, Cloudy Fair 1/3 day
Wind varied to almost every point of the compass.
Finished gathering my pumpkins- the crop this year was in general small- few pumpkins seen to be seen- more vines than fruit.
Evening fogg in the Low land.
Thursday 10 SW. 48, 74, 65 Cloudy, Fair 1/3 day Rain 1.[40th]
Wind varied from SW to S- S. E- S- SW- W.
Morning thick fogg.
Friday 11 N. 60, 68, 56 Fair cloudy 1/3 day.
Wind varied from NE. to N. & vice versa.
Saturday 12 NE. 53, 58 53 Cloudy, Rain 2.[10th]
Wind varied from NE to N.
Wind varied from NE to N.
Thick fogg first of the evening
At noon some fogg
Finished my Indian corn harvesting. I had between 50 & 60 bushels of sound corn from one acre. The crop of corn in general has been very good- it ripened remarkably well & early in the season. On some ground the ears were not well filled- and at the small end. My second best land which is naturally good corn land failed this year of yielding a good crop of corn & equally so of hay. Some reasons produce richness in one town & health in another; this similarity exists as to corn; the cause I am unable to develope.
Sunday 13 NW 47, 66, 48, Fair.
Wind varied from N to NW- & vice versa.
The atmosphere was very smoky.
Monday 14 SE 36, 56, 43 Cloudy, Fair 1/3 day in the night rain 1.[10th]
Wind varied from N. to NE- E- SE- S. SW & back to S. E.
Moon changed 8h. 48 m. P.M. in the N. West.

Tuesday 15 NW brisk 38, 50, 35 Fair
Wind varied alternately from NW to W.
Wednesday 16 SW & high 30, 60, 57. Cloudy Fair near 1/2 day.
Wind varied from NW to W. SW.
atmosphere somewhat smoky
began to make my cyder.
Thursday 17 W 46, 63, 54 Fair
Wind varied from NW to W- SW- & back again.
atmosphere very smoky.
Friday 18, S. W brisk 40, 68, 62 Fair.
Wind varied from NW to W- SW- S.
atmosphere very smoky.
Saturday 19. N.W. 58, 72, 58 Cloudy. Fair 1/3 day
Wind varied from NW to W- SW- SE- E- NE.
morning small fogg in low land.
afternoon little thunder in the west.
night rain
Sunday 20 NE. 57, 54, 50 Cloudy Rain
Wind varied from NE to N- & from N to NE. alternately.
the night very dark.
Monday 21, NW. 47, 60, 50. Cloudy Fair 1/4 of the day, Rain
Wind varied from NE. to N.W. W- SW- S- SE- E- NE.
Rain these 2 days 1 inch 1.10th
Tuesday 22 NW 50, 52, 38 Fair.
In the evening a brilliant Aurora Borealis in the N-
NE & passed South opus.
Wednesday 23, NW 29, 45, 31 Fair.
Moon quartered 1h. 4m. A.M. in the West.
Thursday 24 NW 27, 48, 32 Fair Cloudy near 1/2 day
Wind varied from NW to W.
Friday 25 N.W. 30, 45, 32 Fair
Wind varied from NW to NE & vice versa.
Wind varied from SW to S- SE.

Saturday 26 NW 29, 39, 30. Fair
Wind varied from NW to N & vice versa.
Slight fall of snow in near the city of New York.
Sunday 27 NW. 25, 45, 38 Fair Cloudy 1/3 day
Wind varied from NW to N- NE.
atmosphere smoky in the morning.
Monday 28 NE & high 41, 41, 38 Cloudy, Hail, Rain 9 10th 1.20th
Wind varied from NE to SE & vice versa frequently.
Wild geese flew to the SW.
Finished making my cyder - made only 20 barrels tho if I had picked the apples as they were ripe & fell & picked all my trees (for I have now several cart loads in my orchards) I might have made four times as much - but there being no market for cyder it would not repay the labor.
Apples have rotted beyond the example of any former year I recollect. many of my best winter apples rot=ted on the trees - & now they are in my cellar they rot unusually fast. This circumstance induces to think the cyder of this year will not be good - that it will soon become hard & sour. I saved 7 barrels of winter apples but they rot very fast.
Tuesday 29, NW 39, 49, 40 Fair, Cloudy near 1/2 day
Wind varied from NW to W & back again.
Little rain in the night.
Wednesday 30. NW brisk 39, 45, 39 Fair Cloudy 1/4 day.
Moon fulled 4h. 57 A.M. in the West.
Thursday 31 SW. 31, 55, 46 Fair.
Wind varied from NW to W- SW thence back to W.
atmosphere somewhat smoky.

November.

Friday 1, NW & brisk 38, 44, 33, Fair, Cloudy near 1/2 day
In the night a little hail.
Finished gathering my potatoes - the crop in general this year has been very good, tho I have known it better

November 1822.

Saturday 2 NW. 25, 40, 32 Fair - Cloudy 1/3 day.

Sunday 3 NW 29, 40, 32 Fair. Cloudy 1/3 day.

Monday 4 NW 25, 41, 30 Fair.
Wind varied from NW to N.- NW- W- NW.

Tuesday 5 W. 21, 46, 43 Fair.
Wind varied from NW to W- SW.
atmosphere smoky.
Moon quadtured 7h. 52m. P.M. in the North East.

Wednesday 6 NW. 38, 47, 34 Fair
Wind varied from NW to W- NW- N- NE.
Atmosphere a little smoky.

Thursday 7 NW. 31, 49, 46 Fair, cloudy 1/3 day
Wind varied from NW to N- N. W- W- N.
Atmosphere some smoky.

Friday 8 NE. 47, 46, 39 Cloudy, Foggy, Rain, 2.10th

Saturday 9 N E. 35, 39, 33 Fair. a clear day

Sunday 10 NW. 26, 45, 32 Fair.
Wind varied from N E to NW- W- SW- NW.

Monday 11 SW 35, 57, 48 Fair.
Wind varied from NW to W- & W- NW.
Morning atmosphere smoky.

Tuesday 12. SW. 52, 62, 54 Cloudy-
Wind varied from NW to SW. Veered to N.W.
night rain. 1.20th

Wednesday 13 NE 44, 42, 40 Cloudy-Rain } Rain there
Wind varied from NE to N. Veered to NE again. } 2 days.
Moon changed 1h. 52m. P.M in the South West. } 9 10th 1.20th

Thursday 14 NE. 37, 39, 43 Cloudy-Rain
Wind varied from NE to N- & back again.

Wind varied from SW to S- S E.

November 1822.

Friday 15 NW brisk 35, 44, 33 Fair.
Wind varied from NW to W- & back again.
Small light in the north in the evening.

Saturday 16 SW 28, 51, 44 Fair
Wind varied from NW to SW
atmosphere smoky.

Sunday 17 S.W. 38, 58, 41. Fair
Wind varied from NW to SW- thence to W. N W. NE So- NE.
The atmosphere was smoky- the night cloudy. 10th 14th 20 14 40

Monday 18. NE brisk 32, 34, 36 Cloudy, Rain 4 1, 1,

Tuesday 19 NW. 40, 52, 42 Fair
Wind varied from SW to W.- NW.
Morning foggy.

Wednesday 20 NW 35, 50, 42 Fair.
Wind varied alternately from NW to N.
atmosphere smoky.

Thursday 21. NE 40, 43, 38 Cloudy, Rain 5, 10th 1, 14th 1, 20th 1, 40th
Wind varied from NE to E- S E- S- SW- W- NW- N- NE.
a little light Foggy.
moon quartered 6 h. 40 m. P.M. in the South.

Friday 22. NE. 37, 43, 37 Cloudy, Night Rain 8, 10th 1. 20th
Wind varied from N. to NE- E- S E- thence to NE.

Saturday 23 NE. 34, 40, 37 Cloudy, Fair 1/3 day.
Wind varied from NE to E- S E- S- SW- W- NW.

Sunday 24 NW brisk 30, 32, 23 Fair.

Monday 25 NE. 20, 33, 44 Cloudy- Very little snow.
Wind varied from NE to E- S E- S- SW. evening fair.

Tuesday 26 NW 38, 49, 27 Fair cloudy near 1/2 day
Wind varied from W to N W.

November 1822.

Wednesday 27 SW. 20, 38, 27 Fair
Wind varied from NW to W- SW- thence to W. again.

Thursday 28 SW. 29. 38, 38 Cloudy Rain 4.10th
Wind varied from SW to S.- SE- E- NE- Foggy.
Moon fulled 2 h. 58 m. P.M. in the North East.
Moon & 7 stars together. Morning atmosphere some smoky.

Friday 29 NW. 40, 44, 34 Fair
Wind varied from NW to W- SW- & back again.
In the morning small fogg in low land.

Saturday 30 SW. 40, 55, 60 Cloudy- Rain 1.10th 1.20th
Wind varied from SW to NW & back again.
This month some foggy the nights have not been so dark as they usual=
=ly are in November.
The wells & springs have been low during the autumn- many
wells have been dry- many others low & some still continues
so, tho the water is gradually encreasing in them.
At 10 O Clock P.M. the thermometer was 61 & the wind
brisk at SW & the atmosphere cloudy.
The wind in the night was very strong indeed, at the S.W.

December.

Sunday 1. SW & high 67, 53, 37 Cloudy, Rain 3.10th
Wind varied from SW to W- NW.
The wind in the morning was high not so strong as last night.
During its violence there was no rain after it subsided it rained
There some distant thunder at noon- & lightning in the evening in the
South East tho no cloud was visible.

Monday 2 NW & high 30, 33, 26. Fair.

Tuesday 3 NE. 25, 26, 20 Cloudy, Snow 3 inches.
Wind varied from NW to W- SW- S- SE- E- NE- N.

Wind varied from SW to ...

December 1822.

Wednesday 4 SW. 6, 23, 19 Fair. People plaughed grass land.

Thursday 5 SW 10, 31, 26 Fair. Moon quartered 7 h. 58 m. A.M in the south west.

Friday 6 NW brisk 16, 22, 9 Fair.

Saturday 7 NW. 10, 26, 22 Fair, cloudy near 1/2 day

Sunday 8, SW 29, 39, 32 Fair cloudy 1/3 day.

Monday 9 SW 15, 33, 32 Fair
Wind varied from NW to W- SW.

Tuesday 10 SW 31, 41, 32 Fair.
Wind varied from SW to S- thence back to SW again.

Wednesday 11 SW. 32, 52, 29 Fair.
Atmosphere smoky.

Thursday 12 W. 25, 36, 28 Fair. Snow in night 1.10th
Morning foggy, cloudy- after that atmosphere smoky.
Wind varied from NE to N- NW- W.

Friday 13 NE. 23, 32, 29 Cloudy. Night little hail & rain.
Wind varied from NE to N- alternately
Moon changed 8 h. 46 m. A.M. in the South East.

Saturday 14 NE. 30, 35, 36, Cloudy, Foggy, Rain 1.10th 1.20th
Wind varied from NE to N- thence to NE.
A dark day & night.

Sunday 15, NW & high 40. 30, 9 Fair.

Monday 16 NW 2, 12, 12, Fair. Night snow 2 inches.
Wind varied from NW to N- NE & back again NW.

Tuesday 17 SW. 28, 37, 29 Fair.
Wind varied from SW to W- NW & thence back again.

Wednesday 18 NW. 15, 28, 24 Fair Night snow 2 inches.
Atmosphere some smoky.
Wind varied from NW to SW & back again.

Thursday 19 SW 35, 41, 40, Cloudy Fogg Rain 1.10th 1.20th
Wind varied from SW to W- NW.
Snow all gone.

December 1822.

Friday 20 N.W. 32, 32, 23 Fair.
Saturday 21 N.E. 20, 22, 23 Cloudy, Snow 1 inch
Moon quartered 9 h. 32 m. A.M. in the North East.
Sunday 22 N.W. 16, 32, 17 Fair.
Wind varied from S.W. to N.W.
Monday 23 N.W. 10, 11, 1 Fair Hazy.
Wind varied from N.E. to N. N.W.
Tuesday 24 N.W. 1, 23, 14 Fair
Wind varied from S.W. to N.W.
Wednesday 25 S.W. 8, 27, 24 Cloudy Fair 1/3 day
Wind varied from S.W. to N.W. thence to S.W. S.
Morning atmosphere some smoky.
Moon & Mars stars together.
Thursday 26, W. 10, 28, 17 Cloudy - Fair 1/3 day
Wind varied from S.W. to W. N.W. thence to W. again.
Friday 27 S.W. 5, 26, 23 Fair, Cloudy 1/3 day
Wind varied from N.W. to W. S.W.
Atmosphere somewhat smoky.
Saturday 28 W. 16, 28, 22, Cloudy.
Wind varied from N.W. to W. S.W. thence to W.
Atmosphere some smoky.
Moon fulled 14 h. 20 m. A.M. in the South.
Sunday 29 S.W. 9, 31, 26, Fair
Wind varied alternately from N.W. to W. S.W.
Atmosphere some smoky.
Monday 30 N.W. 12, 23, 14 Fair.
Tuesday 31, N.W. 8, 18, 11 Fair
Wind varied from N.W. to S.W. & soon back again.

January 1823.

Wednesday 1, N.E. brisk 9, 10, 14 Cloudy, Snow 10 inches
Little hail & little rain.
Thursday 2 S.W. 21, 39, 26 Fair.
Wind varied from S.W. to W. N.W. & back to S.W.
Friday 3. S.W. 18, 34, 29 Cloudy Fair near 1/2 day.
Moon quartered 11 h. 31 m. P.M. in the East.
Saturday 4 N.E. 22, 23, 14 Fair - Cloudy 1/3 day
Wind varied from N. to N.E. & back again to N.E.
Sunday 5 N.E. high 7, 12, 11 Cloudy Snow 4 inches.
Some Hail - a very little rain.
Wind varied from N.E. to N. N.W.
Monday 6 N.W. brisk 2, 8, 0/2 Fair
Tuesday 7 N.W. 0/8, 14, 3 Fair
Wind varied from N.W. to N. N.E.
Wednesday 8 S.W. 1, 26, 16 Fair, Cloudy near 1/2 day
Wind varied from N.W. to W. S.W.
Atmosphere smoky.
Thursday 9. S.W. 11, 30, 27 Cloudy, Night Snow 1 inch 5 10th
Wind varied from S.W. to S. S.E.
Atmosphere smoky.
Friday 10 S.W. 31, 36, 25. Cloudy Snow 1 inch 5 10th Little rain
Wind varied from S.W. to W. N.W. Light frost in the morning.
Wind high in the night at N.W.
Saturday 11 N.W. high 14, 3, 3, Fair.
Sunday 12 N.W. 5, 25, 10 Cloudy, Snow 1 inch 2 10th
Wind varied from N.E. to N. N.W.
Moon quartered 4 h. 11 m. A.M. in the North East.
Monday 13. N.W. high 0, 9, 3 Fair.
Tuesday 14 N.W. 0/2, 9, 0/5 Fair
Wednesday 15 N.W. 0, 24, 14 Fair Cloudy 1/3 day, Snow 2 10th
Atmosphere some smoky. Wind varied from N.W. to N. N.E.

Thursday 16 NW 0, 30, 21, Fair.
Friday 17 SW. 6, 29, 21 Fair
Wind varied from NW to W. SW.
Atmosphere a little smoky.
Saturday 18 SW 19, 37, 30 Fair
Wind varied from SW to S.
Atmosphere smoky.
Sunday 19 SW 38, 49, 41 Cloudy
Atmosphere smoky
Moon quartered 9h. 8m. P.M. in the South West.
Wind varied from SW to S. SE. E. NE.
Monday 20 NE brisk 35, 35, 32 Cloudy Rain 8.10th
Wind varied from NE to E. thence to NE.
In the night snow 1 inch.
Tuesday 21 NW. 32, 38, 28 Cloudy
Wind varied from NE to N. NW.
Moon & 7 stars together.
Wednesday 22 NW 22, 37, 29 Fair, Cloudy near 1/2 day.
Thursday 23, NE. 29, 31, 21, Cloudy, Snow 3 inches 5.10th
Wind varied from NE to N. NW.
Friday 24 NW high 12, 25, 26 Fair.
Saturday 25, NW 18, 37, 28 Fair
Wind varied from NW to W. SW.
Atmosphere somewhat smoky.
Sunday 26, NE 29, 35, 31. Cloudy
Moon full'd 0h. 24m P.M. in the North
Moon eclipsed but to us invisible.
Monday 27 NE small 30, 35, 32 Cloudy, Light foog Rain a very little
Snow 3 inches 5.10th
Tuesday 28, SW 30, 40, 30 Fair cloudy 1/3 day.
Wind varied from NW to W. - SW. Night Snow 1 inch 5.10th

Wednesday 29 NW high 25, 30, 20 Fair Cloudy near 1/2 day.
Thursday 30 NW 16, 31, 20. Fair
Wind varied from NW to W. SW & thence back to NW.
Friday 31 SW. 16, 33, 24 Cloudy.
Wind varied from SW to S thence back again
Evening snow 2.10th

February.

Saturday 1 NW high 15, 16, 10 Fair
Sunday 2 SW 5, 27, 16 Fair. Moon quartered 5h. 54m 0m. in the north.
Wind varied from NW to W. SW & back again
Monday 3, NE 16, 26, 24. Cloudy Snow 3 inches 5.10th
Tuesday 4 NW 22, 32, 16 Cloudy Fair near 1/2 day
Wednesday 5, NW 6, 14, 10 Fair
Wind varied from NW to W & back again.
Thursday 6 NW high 0/5, 8, 0 Fair
Night light in the north.
Friday 7 NW high 0/9, 5, 6 Fair
Night light in the North.
Saturday 8 NW. 0/2, 18, 13 Fair. Cloudy 1/3 day
wind varied from NW to N. NW.
Sunday 9 NW. 6, 24, 13 Fair
Monday 10 NW 14, 30, 23 Fair cloudy near 1/2 day.
Wind varied from NW to N. NE
Moon changed 10h. 21m P.M. in the North West.
Tuesday 11 NE 23, 31, 29, Cloudy.
Wednesday 12 NE. 29, 31, 36 Cloudy, Snow 6 inches 5.10th
Wind varied from NE to N. - NW.
Thursday 13 NW brisk 20, 27, 14 Fair
Light in the North

Friday 14 NE right brisk 6, 27, 21 Cloudy. Night snow 6 inches.
Wind varied from NW to N- NE.

Saturday 15 NW & high 20, 32, 17 Fair.
Wind varied from NE to N.- NE.

Sunday 16 NW high 11, 21, 5 Cloudy Fair 1/4
Wind varied from N. to NW.

Monday 17 SW 0/7, 18, 11 Fair- Cloudy 1/4 day
Wind varied from N to NW- W- SW.
Moon & 7 stars passed each other.

Tuesday 18 NW. high 12, 28, 15 Cloudy, fair near 1/2 day. Snow 5 10ths
Wind varied from W to NW. Sun eclipsed but to us invisible.
Moon quartered 6 h. 20 m. AM. in the North.

Wednesday 19 NW high 0/1, 8, 5. Fair.
Snow blew much - travelling bad.

Thursday 20 NE 4, 18, 17 Cloudy Snow 2 inches 5 10ths
Wind varied from NE to E- SE- S.

Friday 21 SW. 22, 39, 32 Fair
Wind varied from NW to W- SW.
Evening little rain & hail.

Saturday 22 W. 28, 37, 26 Fair
Wind varied from SW to W- NW.

Sunday 23 NE 11, 27, 22 Fair.

Monday 24 NE & high 14, 14, 16 Cloudy, Snow } 1 foot.

Tuesday 25 N. & high 22, 30, 24 Cloudy Snow }
Wind varied from NE to N- NW.
Moon fulled 0 h. 8 m. A. M. in the South.

Wednesday 26 SW. 10, 28, 27 Cloudy Fair 1/4 Snow 2 inches.

Thursday 27 NW & high 27, 29, 12 Fair
Wind varied from SW to W- N.W.

Wind varied from

Friday 28 NW brisk 0/2, 11, 1 Fair.
No rain for the month - wells, streams & rivers very low - some of them dry.
Snow is now more than 2 feet deep.

March.

Saturday 1 NW brisk 0/1, 26, 15 Fair.
Wind varied from SW to W- NW.

Sunday 2 NE. 2, 21, 27 Cloudy. Evening snow 5 10ths

Monday 3 NW & high 15, 5, 0/1 Fair
Snow flew to a great degree - roads nearly impassible.

Tuesday 4 NW brisk 0/5, 12, 10 Fair.
Wind varied from SW to W- NW.
Moon quartered 1 h. 20 m. P. M. in the west.

Wednesday 5 SW brisk 12, 43, 39 Cloudy.
Morning atmosphere same smoky.
Evening Rain. } 1 inch 4 10ths

Thursday 6. SW brisk 40, 46, 43 Cloudy rain }
Wind varied from SW to S- there to SW again.
Light fogg various parts of the day.

Friday 7. NW & high 32, 30, 21, Fair, cloudy 1/3 day
Wind varied from W to NW. Snow 1 10th

Saturday 8 W. 15, 38, 32 Fair.
Wind varied from NW to W- SW.

Sunday 9 NE 34, 34, 25 Cloudy. Rain a little.
Snow 1 inch but dissolved nearly as fast as it fell
Wind varied from NE to N. NW.

Monday 10 NE 12, 27, 20 Fair
Wind varied from N to NE.

Tuesday 11 NE 13, 30, 29 Cloudy, Snow 6 inches.
Wind varied from NE to E & SE. A little rain.

March 1823.

Wednesday 12. NW. 21, 42, 30, Cloudy
Wind varied from SW to W NW.
Moon changed 1 h. 45 m. P.M. in the South.

Thursday 13 W 24, 40, 28 Fair
Wind varied from N. W to W- SW.

Friday 14 SW 32, 41, 31 Cloudy, Rain 6, 10th 1, 20th
Snow 2. 10th Small Fogg
Wind varied from SW to W-NW-N-NE.

Saturday 15 NW Gone high 29, 33, 25 Fair.
Evening light in the north.

Sunday 16 NW brisk 14, 31, 27 Fair.

Monday 17 SW. 23, 43, 37 Fair.
Blue birds appear. Moon & Pleiades together.

Tuesday 18 NE high 34, 35, 32 Cloudy Snow. Hail. Rain 7, 16th 1, 20th
Hen hawks appear. Also Robbins.

Wednesday 19 NW brisk 32, 34, 29 Cloudy Fair 1/3 day
Snow 1 inch
moon quartered 1 h. 23 m. P.M. in the East.

Thursday 20 SW. 25, 36, 29, Cloudy, Snow 8 inches.
Wind varied from SW to W- NW- N- NE.

Friday 21 NW high 26, 31, 24, Fair.
Snow in drifts five feet high in some places, Ground bare in others.

Saturday 22 SW. 21, 46, 39 Cloudy Fair near 1/2 day
atmosphere somewhat smoky.

Sunday 23 SW 40, 49, 34 Cloudy
Wind varied from SW. to S- SE- E- NE.
atmosphere some smoky.

Monday 24 SW. 33, 52, 34 Cloudy, fair near 1/2 day, Foggy
Rain 1. 10th Wind varied from NE to E. SE-S SW. S back again
Hence back to SW again- thence W.-N. W high.

March 1823

Tuesday 25 NW 25, 40, 32 Fair
Wind frequently varied from NW to SW & vice versa
Pewees appear.

Wednesday 26 NE 32, 36, 29 Cloudy, Snow 8 inches.
Wind varied from SW to S- SE- E- NE.
Moon fulled 0 h. 47 m. P.M. in the North.

Thursday 27 SW 26, 42, 29 Fair
Wind varied from NW to N- NE- E- SE- S- SW & vice versa

Friday 28 NE 28, 49, 29 Cloudy - fair 1/3 day
Wind varied from NE to E. SE- S- SW alternately.
atmosphere somewhat smoky.

Saturday 29 SW. 24, 51, 31, Fair.
atmosphere smoky in the morning.
Larks, Blackbirds & Striped squirrels appear- Wildgeese & Killdeers.

Sunday 30 NE high 29, 36, 32 Cloudy. Night fine 1. 10th

Monday 31 NE high 31, 32, 38 Cloudy Snow 6 inches
Wind varied from NE to N- NW.

April

Tuesday 1 N. W. 32, 49, 41 Fair
Wind varied from NW to W. SW.
In the morning 2 bright fire dogs, one on each side of the sun.

Wednesday 2 SW. 31, 56, 44 Fair.
Moon quartered 5 h. 1 m. P.M. in the South.
Woodwalk appear.

Thursday 3 SW. 39, 56, 48 Cloudy. Little rain.

Friday 4 NW high 35, 33, 26 Fair.

Saturday 5. SW 19, 37, 32 Fair
Wind varied from NW to W- SW.

Sunday 6 SW brisk 29, 56, 52 Fair.
atmosphere smoky. Butterflies appear.

March 1823.

Wednesday 12, NW. 21, 42, 30, Cloudy
Wind varied from SW to W. NW.
Moon changed 1 h. 45 m. P. M. in the South.

Thursday 13 W 24, 40, 28 Fair
Wind varied from N. W to W. SW.

Friday 14 SW 32, 41, 31 Cloudy, Rain 6, 10th 1, 20th
Snow 2, 10th Small fogg
Wind varied from SW to W. NW. N. NE.

Saturday 15 NW Gen high 29, 33, 25 Fair.
Evening lights in the north.

Sunday 16 NW brisk 14, 31, 27 Fair.

Monday 17 SW. 23, 43, 37 Fair.
Blue birds appear. Moon & Pleiades together.

Tuesday 18 NE high 34, 35, 32 Cloudy Snow. Hail. Rain 7, 10th 1, 20th
Hen hawks appear. Also Robbins.

Wednesday 19 NW brisk 32, 34, 29 Cloudy Fair 1/3 day
Snow 1 inch
moon quartered 1 h. 23 m. P. M. in the East.

Thursday 20 SW. 25, 36, 29, Cloudy, Snow 8 inches.
Wind varied from SW to W. NW. N. NE.

Friday 21 NW high 26, 31, 24, Fair.
Snow in drifts five feet high in some places, & ground bare in others.

Saturday 22 SW. 21, 46, 39 Cloudy Fair near 1/2 day
atmosphere somewhat smoky.

Sunday 23 SW 40, 49, 34 Cloudy
Wind varied from SW. to S. SE. E. NE.
atmosphere some smoky.

Monday 24 SW. 33, 52, 34 Cloudy, fair near 1/2 day. Foggy
Rain 1, 10th Wind varied from NE to E. SE. S SW. back again
Hence back to SW again. thence W. N. W high.

Wind varied from

March 1823

Tuesday 25 NW 25, 40, 32 Fair
Wind frequently varied from NW to SW & vice versa
Pewees appear.

Wednesday 26 NE 32, 36, 29 Cloudy. Snow 8 inches.
Wind varied from SW to S. SE. E. NE.
Moon full 0 h. 47 m. P. M. in the North.

Thursday 27 SW 26, 42, 29 Fair
Wind varied from NW to N. NE. E. SE. S. SW vice versa

Friday 28 NE 28, 49, 29 Cloudy - fair 1/3 day
Wind varied from NE to E. SE. S - SW alternately.
atmosphere somewhat smoky.

Saturday 29 SW. 24, 51, 31, Fair.
atmosphere smoky in the morning.
Larks, Blackbirds & Striped squirrels appear. Wild geese & Killdeers.

Sunday 30 NE high 29, 36, 32 Cloudy. Night snow 1, 10th

Monday 31 NE high 31, 32, 38 Cloudy Snow 6 inches
Wind varied from NE to N. NW.

April

Tuesday 1 N. W. 32, 49, 41 Fair
Wind varied from NW to W. SW.
In the morning 2 bright sun dogs, one on each side of the sun.

Wednesday 2 SW. 31, 56, 44 Fair.
Moon quartered 5 h. 1 m. P. M. in the South.
Woodwalls appear.

Thursday 3 SW. 39, 56, 48 Cloudy. Little rain.

Friday 4 NW high 35, 33, 26 Fair.

Saturday 5. SW 19, 37, 32 Fair
Wind varied from NW to W. SW.

Sunday 6 SW brisk 29, 56, 52 Fair.
atmosphere smoky. Butterflies appear.

April 1823

Monday 7 SW & high 53, 64, 58 Cloudy Fair 1/3 day Rain 3 10th 1. 20th
Frogs begin to sing in the evening.
Some people on high dry land began to plow.

Tuesday 8 NW & high 56, 52, 35 Fair cloudy near 1/2 the day.
Wind varied from SW. to W. N. W.

Wednesday 9 S. E. 29, 46, 33 Fair
Wind varied from N. to NE. E. SE.

Thursday 10 NE. 32, 37, 32 Cloudy, Snow } 8 inches, but more than half of it dissolved soon after it fell.
Wind varied from SE to E. NE.

Friday 11 NE 31, 35, 31 Cloudy, Snow
Wind varied from NE to N & from N to NE alternately.
Moon ~~quarter~~ changed 2 h. 4 m. A.M. in the North East.

Saturday 12 NE. 29, 42, 34 Fair
Wind varied from NE to N. there to NE alternately.
Hauled 3 loads of wood on the snow from the west end of my Wood lot.

Sunday 13 N. 34, 52, 42 Fair
Wind varied from N to N. W. Moon & 7 stars passed each other.

Monday 14 NW. 37, 58, 36 Fair
Wind varied from NW to W. NE. E. SE.

Tuesday 15 S.W. 29, 57, 40. Fair. Martins appeared.
Wind varied from E to SE. S. SW.

Wednesday 16 SW 39, 61, 57, Cloudy. fair near 1/2 day
Wind varied from SE to S. SW. Atmosphere smoky
Began my plowing.

Thursday 17 SW. 54, 70, 47 Cloudy, little rain.
Wind varied from SW to S. SE. E. NE.
Evening foggy. Moon quartered 8 h. 1 m P.M. in the S.W.

Friday 18 SW brisk 49, 66, 58, Cloudy. Rain 2 10th, 40th
Wind varied from SW. to W. NW. Little fogg
Swallows appear. The leaves of Lalocks as large as a mouse's ear.
Began to sow wheat & oats.

Wind varied from S. ...

April 1823.

Saturday 19 SW. 43, 64, 48 Fair
Wind varied from NW to W. SW. S. SE.

Sunday 20 SW 43, 55, 52 Cloudy, Rain. } 7 10th 1. 40th
Evening foggy. Swallows appear.

Monday 21 NE 51, 43, 38, Fogg, Cloudy, Rain
Tuesday 22 NW 37, 49, 39 Cloudy.
Wind varied from NE to N. NW. W. SW. S. SE.

Wednesday 23 SW 39, 49, 47 Cloudy. Rain 1. 20th, 40th
Wind varied from SW to W. N W.

Thursday 24 NW brisk 39, 44, 33. Fair.
Moon fulled 2 h. 9 m. A. M. in the South West.

Friday 25 NW 27, 47, 43 Fair. ~~Swallows appear.~~
Wind varied from NW to W. SW.

Saturday 26 SW & high 35, 65, 60 Fair.

Sunday 27 SW. 52, 61, 47 Cloudy Fair 1/3 day
Wind varied from SW. to W. NW. Horse Chesnut leaves out green 1 inch long.

Monday 28, NE. 33, 53, 40 Fair. Eat my apples of the growth of 1821.
Wind varied from NW to N. NE. E. SE. S. S. W.

Tuesday 29 SE 41, 56, 38 Fair. Wrens appear.
Wind varied from NW to N. NE. E. SE. S. SW.

Wednesday 30 SE 37, 60, 40 Fair
Wind varied from N. to NE. E. SE. S. SW. there to S. SE.
A few people began to plant Indian Corn in Epping.

May.

Thursday 1. NE. 36, ~~58~~ 40 Fair, Cloudy near 1/2 day
Wind varied from NE to E. S. E. S. SW & back again.

Friday 2. NE 41, 47, 48 Cloudy. Rain 1. 10th
Wind varied from NE to N. & back again there to NW.
Finished my plowing.

May 1823.

Saturday 3. NW blustr 46. 60. 48 Fair.
Moon quartered 5h. 1 m. a.m. in the South.
Sunday 4 NW blustr 42. 60. 36 Cloudy fair 1/4 day
Wind varied from SW to W- N. W. Little rain.
Monday 5 NW blustr 32. 44. 32 Cloudy, fair 1/4 day
Moon 4th Quarter 1h. 28m. a.m.
Wind varied from NW to W- SW. for a few minutes back again.
a little frost. The frost in the night killed the young wheat.
Tuesday 6 NW. blustr 32. 47. 44 Fair, Cloudy near 1/2 day
Wind varied from NW. to W- SW. The frost in the night
Wednesday 7 NE. 37. 50. 42 Fair
Wind varied from NE to E- SE- S- SW & back to E again.
atmosphere smokey.
Thursday 8 NE. 40. 50. 39 Cloudy, rain. } 1 inch 4 10ths
Little snow.
Slight variation of wind from NE to E. SE. & back again
In the morning atmosphere same smokey.
Friday 9 NE blustr 39. 40. 38 Cloudy. Rain.
the leaves of apple trees as large as a mouse's ear.
Saturday 10 NE. 39. 49. 41. Cloudy.
Wind varied from NE to N- thence to NE- E- SE- S SW thence to
S.- SE again.
Night foggy.
Sunday 11. NE. 40. 48. 47 Cloudy rain 1 10th 1 20th 1 40th
Wind varied from NE to E- SE- S- SW thence back to NE- N- NW.
Monday 12 NE. 45. 60. 48. Fair. Mobilinks or Chattering birds appear.
Gold finches & Indigo birds appear.
Wind varied from N. to NE- E- SE- S SW & thence to S again.
Tuesday 13 S. 43. 56. 46 Cloudy Rain. } 6. 10ths
Blossoms of currants begin to appear.
Wind varied from SW to S- SE alternately.
Wednesday 14 NE 40. 45. 46 Cloudy. Rain
the blossoms of black heart cherry trees begin to appear.
Wind varied from NE to N- thence to NE- E- SE- thence back to NE again.
Began to plant my potatoes.
Thursday 15 N. 41. 60. 49 Fair.
Wind varied from N to NE- E- SE- S- SW.

May 1823.

Friday 16 S. 48. 70. 53 Fair
Wind varied from SW to S. & from S. to SW alternately.
my black bird whistling in full blossom- Heard birds appear.
Saturday 17 S. 47. 58. 55 Cloudy, foggy rain 3 10th 1 40th
Wind varied from SW to S- SE- thence back again to S SE- E.
Moon quartered 2h. 28m a.m. in the N. West.
The buds of peach tree blossoms begin to open.
Sunday 18 NW. 54. 71. 56. Fair.
Wind varied from NW to W. SW- S- SE. Night hawks appear
Apple tree blossoms just begin to appear. Stake drivers appear.
Monday 19 SW. 54. 80. 71 Fair. Cloudy near 1/2 day.
Wind varied alternately from SW to S- & from S to SW.
Tuesday 20 E 59. 79. 53 Fair
Wind varied from NE to E. SE. thence back to E- NE.
Some of apple tree blossoms & blow of currants fully out.
Night foggy.
Wednesday 21 NW. 52. 82. 68. Fair morning foggy.
Wind varied & breathed from every point of the compass.
Began to plant my Indian corn.
Had a great plenty of asparagus from my garden to eat.
Thursday 22 NE 57. 62. 56 Cloudy Rain 2 10th 1 20th
Wind varied frequently from NE to SE & vice versa
In the morning thunder in the SW. In the evening foggy
Locusts nearly in full blossom. Apple tree blossoms begin to fall.
Friday 23. NW blustr 57. 68. 52. Fair
Wind varied from SW to W- NW.
Began to plant beans.
Saturday 24 SW. 57. 69. 57 Fair cloudy near 1/2 day.
Wind varied from NW to W- SW- S- thence to SW again.
Moon fulled 4h. 21 m. P.M. in the north East.
my horse chestnuts are in blossom the most fully out.
Finished planting my corn.
Sunday 25 SW. blustr 57. 73. 62 Cloudy fair 1/3 day. Little rain
Early in morning & at noon distant thunder. Wind varied from S to NW.

May 1823

Monday 26 NW high 45, 58, 48 fair.
Wind varied from NW to N.-
Frost in the night. Some people began to haw their corn
Tuesday 27 NW. 43, 62, 53 Fair.
Wind varied from NW to W. SW & back again.
Finished planting beans & potatoes - planted squashes.
Wednesday 28 NE. 49, 62, 47, Fair cloudy 1/3 day.
Wind varied from NE to E. SE & back again.
Evening foggy.
Began to plant musk mellons & cucumbers.
Thursday 29 SW. 51, 61, 58 Cloudy rain 1 inch 4.10 pm
Wind varied from SE to S. SW.
Near evening a little foggy.
Friday 30 NW. 55, 68, 49. Fair, cloudy near 1/2 day.
Wind varied from SW to W.-NW. Little rain. Night a little frost.
Saturday 31 NW brisk 47, 57, 52 Fair cloudy 1/3 day.
Finished planting cucumbers, water melons & musk mellons. all
The grass is very low - worms in some places have eat it nearly off -
= the prospect for apples much smaller than last year, a number =
= the portion of the trees have not blossomed.

June.

Sunday 1 N. 50, 67, 56 Fair.
Wind varied from N. to NE - E. - SE.
Moon quartered 8 h. 40 m P.M. in the NE.
Monday 2 NW. 54, 73, 65, Fair - Hazy Atmosphere smoky.
Wind varied from N. to NW.
My Quince trees in blossom.
Tuesday 3 SW 53, 74, 49 Fair, hazy Atmosphere some smoky
Wind varied from SW to S. - SE - E - NE.
Washed my sheep.

June 1823.

Wednesday 4 SW. 50, 76, 53 Fair
Wind varied from NE to E - SE - S - SW. Thence back to SE.
Morning thick fogg - day atmosphere smoky.
Thursday 5 NW high 63, 79, 65 Cloudy fair near 1/2 day
Wind varied from SW to NW. Little rain, & distant thunder in the east & west.
Atmosphere smoky in the morning.
At 3 o'clock P.M. thermometer was 84.
Friday 6 NW brisk 55, 64, 60 Fair.
Sheared my sheep - a merino ram 1 year old had 4 3/4 lb of fine clean wool.
Saturday 7. SW. 58, 76, 67. Fair.
Wind varied from NW to W. SW.
Atmosphere smoky. Moon 27 stars passed.
Black cherry trees, & pineys in full blossom.
Sunday 8 NW. 61, 61, 49 Cloudy Rain 1 10h 40m P.M.
Wind varied frequently from NW. to N. & from N. to NW.
Moon changed 7 h. 2 m. P.M. in the West.
Monday 9 N.W. high 45, 55, 48 Fair.
Wind varied from N. to NW.
From Epping to Nottingham, Northwood & Epsom.
The frost in the night cut down corn, killed beans & vines.
Tuesday 10. N.W. brisk 49, 66, 48 Fair
From Epsom to Chichester & Concord.
Wednesday 11 N.W. high 49, 74, 50 Fair. Little rain.
At Concord.
Thursday 12. S. brisk. 50, 72, 54. Fair. At Concord.
Friday 13 S.W. 52, 77, 66 Fair
From Concord to Chichester, Epsom, Allenstown & Pembroke.
Saturday 14 N.W. 57, 82, 65 Fair.
Wind varied from SW to W. NW.
Morning thunder, lightning rain 1 20h P.M.
From Pembroke to Allenstown, Deerfield, Raymond & Epping.

June 1823

Sunday 15. S E. 62, 71. 59. Fair, Cloudy 1/4 day.
Wind varied from NW to W. SW. S. SE. thence to SW.
Moon quartered 10h. 30 m. A.M. in the East.

Monday 16 NE 57, 73. 63 Fair cloudy 1/4 day
Wind varied from NE to E. SE. S. SW thence to SE. again.

Tuesday 17 SE. 63, 89, 72 Fair.
Wind varied from NW to N. NE to E. SE. SW & back to SE.
At 4 O'clock P.M. thermometer stood at 96.
Atmosphere smoky.

Wednesday 18 SW 70, 92, 75 Fair Cloudy 1/4 day.
Wind varied from SW to S. SE. E. NE. NW. & back again.
Same thunder in the N. NE. E & SE, & little lightning. Rain 1.20 1.40th

Thursday 19 NW brisk 75, 88, 73 Fair.
Wind varied from SW to W. NW. } Began to hoe my potatoes the 2d time.
Atmosphere somewhat smoky
At a 1/4 past 8 O'clock in the evening there was a white bow across the horizon nearly east & west north of the month it continued near 15 minutes after I first saw it.
In the evening lightning in the North & S.W. distant.

Friday 20 N. 63, 76. 60 Fair
Wind varied from N to NE. E. SE. S. SW.
Atmosphere smoky.
Ground very dry.

Saturday 21 SW. 61, 73, 54 Cloudy Rain 3 10th, 20th
Wind varied from SW to S. SE. E. NE.
Atmosphere at times smoky.

Sunday 22 NW. 48, 61, 56 Fair.
One of my white roses in full bloom.

Monday 23 W. 55, 69, 63 Fair, Cloudy 1/4 day
Wind varied from NW. to W. SW. & thence back to W.
Moon fulled 7h. 11 m. A.M. in the West.
Wind varied from ...

June 1823.

Tuesday 24 NW. 57, 79. 66 Fair cloudy 1/4 day
Wind varied from W to NW.

Wednesday 25 SE. 61, 80, 65 Fair.
Wind varied from SE to S. SW.

Thursday 26 SE. 63, 80. 66 Fair. Cloudy near 1/2 day
Wind varied from NE to E. SE. S. SW.

Friday 27 NE 58, 60. 56 Cloudy. Rain 1 10th, 40th
Wind varied from SE to E. NE.

Saturday 28 SW. 60, 77. 73 Cloudy fair 1/3 day
Varied from SW to W. thence to SW again.
Morning foggy.

Sunday 29 NW high 71, 71, 59 Fair.
Wind varied from SW to W. NW.

Monday 30 NW brisk 60, 72, 65. Fair.

July

Tuesday 1 NW 63, 81. 74 Fair } Finished hoeing my Corn & potatoes the 2d time.
Wind varied from NW to W. SW. S.
Afternoon atmosphere very smoky.
Moon quartered 8h. 55 m. A.M. in the South West.

Wednesday 2 SW. 69, 89. 76. Fair Cloudy near 1/2 day.
Wind varied from SW. to W.
Atmosphere very smoky.

Thursday 3 NE brisk 65, 68, 55 Fair.
Morning the atmosphere very smoky.

Friday 4 SE. 53, 79. 57 Fair
Wind varied from W to SW. S. SE
Atmosphere somewhat smoky.

Saturday 5 SW 57, 89, 82 Fair
Wind varied from SE to S. SW
Atmosphere smoky.
In the night little rain.

Sunday 6 N.E. 67, 64, 60. Cloudy, Rain 8.10th
Wind varied from E.N.E. to E. S.E. - Veered back to N.E.
Monday 7 S.W. 64, 82, 63 Cloudy
Wind varied from S.W. to S. S.E.
Atmosphere smoky. Night rain 1.20/40.
Tuesday 8 S.W. 65, 84, 75 Fair. Cloudy 1/4th the day
Wind varied from S.W. to W. Began to kill my Indian corn.
Moon changed 1 h. 57 m. A.M. in the N.East
Sun eclipsed but invisible to us.
Wednesday 9 S.W. 72, 89, 76 Fair. } Some people began their haying.
Wind varied from N.W. to N. N.W. - W. - S.W.
The thermometer at 4 O'Clock P.M. was 95 & 5 & 6 O'clock 98.
Thursday 10 S.W. 71, 93, 77 Fair
Wind varied from W. to S.W. - S. - Veered back to S.W.
The thermometer at 4 O'clock P.M. was 97, 95, 99 - 6, 96.
at noon a little distant thunder in the west.
Friday 11 S.W. 69, 89, 70 Fair. Cloudy 1/5th day.
Wind varied from S.W. to W. - N.W. - Veered back to S.W. again.
Morning little distant lightning in the South, afternoon distant thunder in the S.W. & W. Rain 3.10th
morning light foggy on low land
Thermometer at 4 O'clock P.M. 92, 52 & 76 - 6. 72.
Saturday 12 N.W. 73, 86, 77. Fair. Finished killing my corn.
Wind varied from N.W. to W. - S.W.
In Evening considerable Lightning in the W. & S.W. & S.S.E. & some distant thunder.
Sunday 13 N.W. 70, 79, 65 Fair
Wind varied from N.W. to W. & back again.
Monday 14 N.W. brisk 61, 77, 67 Fair.
Wind varied from N.W. to N.
Tuesday 15 S.W. 62, 59, 63 Cloudy. Rain 6.10th
Wind varied from N.W. to W. S.W. - S. - S.E. - E. - N. - N.W.
Wednesday 16 S.W. 64, 80, 58 Fair Cloudy near 1/2 day Rain 2.10, 1.20, 1.40
Wind varied from S.W. to S. - S.E. - E. N.E. & back again to S.W.
Morning & Evening fog in low land. Atmosphere smoky
Distant thunder in the W. - S.W.

Thursday 17 S.W. 57, 78, 67 Fair
Wind varied from W. to S.W. S. & thence to S.W.
Morning light fogg in low land.
Atmosphere smoky. Indian corn begins to tipple.
Friday 18 S.W. 64, 78, 62 Cloudy, Little rain.
Wind varied from S.W. to W. & back again.
Thunder & lightning about sunset in the N.W.
Began to make my currant wine.
Saturday 19 N.W. high 62, 71, 58 Fair.
Finished making my currant wine.
Sunday 20 N.W. brisk 55, 75, 65 Fair
Monday 21 N.E. 60, 78, 63 Fair, Cloudy 1/6 day
Wind varied from N.W. to N. N.E. - E. - S.E. - S. - S.W.
Atmosphere some smoky. getting in
Began my haying. People ~~getting~~ into the barns their winter rye.
Tuesday 22 N.E. 60, 81, 65. Fair.
Wind varied as yesterday.
Atmosphere very smoky, particularly in the morning.
Moon full 10 h. 53 m. P.M. in the South.
The moon in the night totally eclipsed, visible. The cloudless it was
a dark cheerless night. Some of my Indian corn begins to tipple.
From 9 to 10 O'clock the thermometer fell 4 degrees.
Wednesday 23 S.W. 60, 87, 70 Fair.
Wind varied from S.W. to S. - S.E. - thence to South
Atmosphere smoky.
a little before 7 O'clock A.M. there was a slight shock of an earthquake - it appear to be south of me but whether from the S. to the W. or vice versa I could not positively determine. The
I think from the East to the West. Morning foggy.
Thursday 24 S.W. brisk 61, 86, 73 Fair. Morning foggy. eastward & southward frequently.
Wind varied from N.W. to W. - S.W.
Friday 25 S.W. brisk 70, 82, 65 Cloudy.
Slight variation of wind from S.W. to S. & thence back again.
Great appearance of rain
In the evening & night rain
Two days ago that kind of swallows who build their nests under the eves & rafters of the barns passed over & returned three times & then went off. — one of them went into my dwelling house & flew about in the room & then went out & flew off. They appear to be small & of a dark colour. They are the first I have seen this year. This is the 2nd year I have seen this kind. They remain in Virginia from March to May & then depart.

July 1823.

Saturday 26 N. E. 62, 69, 63. Cloudy Rain 8th to 1. 20th
Wind varied from NE to N. NW. W. SW.
The afternoon atmosphere very smoky.
Evening fair - foggy in low land.
Sunday 27 SW brisk 64. 82, 73 Fair Cloudy 1/6 day Rain 1.10, 20th
Wind varied from SE to S. SW.
Morning rain & light fogg.
Even'g little rain, distant thunder, & lightning in every part of the horizon.
Monday 28. NW high 69, 83, 73 Fair.
Wind varied from NW to W.
A portion of the swallows mentioned the last page revisited their
place of their nests but soon disappeared again.
Tuesday 29 SW brisk 65, 78, 75 Cloudy Fair 1/5 day. Rain
distant thunder - Little fogg in the evening in low land.
Wind varied from SW to W. & back again.
Lightning in the evening in various parts of the horizon.
Wednesday 30 E. 66, 66, 61 Cloudy. Rain
Wind varied often from NE to E - SE & there to E again in Morning
it was N.
Morning fogg - afternoon distant thunder & lightning.
Moon quartered 6 h. 24 m. P.M. in the North.
Rain these 2 days 3.10ths
Thursday 31 SE. 61, 69, 60 Cloudy - Little rain.
Wind varied from NE to E - SE - S - SW. there back to SE. again.
Morning some foggy.

August.

Friday 1 SW. 61. 76, 63. Cloudy, Little rain.
Wind varied from SW to S - SE - & back again at even SE.
Morning & evening foggy.
Potatoe blossoms very abundant.
Saturday 2 SW 66, 81, 67 Cloudy Rain 1.4th
Wind varied from SW to S. - SE & back again. & so alternately
Distant thunder in the day & lightning in the evening. Night fair.
Morning Small fogg.
Distant thunder in the W - SW.

August 1823

Sunday 3 SW. 65, 77, 71. Cloudy.
Wind varied from N to NE - E - SE - S - SW - W. & alternately from
W to SW. S. & so all again.
In the day distant thunder in the SW. & evening lightning.
Monday 4 SW 64. 81, 63 Fair cloudy 1/5 day.
Wind varied from SW to W. there to SW - S. there to SW - W.
Considerable thunder & lightning but not very distant.
Late in the afternoon rain 1.10th
Tuesday 5. SW brisk 61. 76, 66 Fair. Cloudy near half the day
Wind varied from NW to W. SW.
We have had much cloudy weather for some time we
have had little rain; but bad weather to make hay. I had
some got into my barn today that had been mowed twelve
days - it was nearly ruined.
Wednesday 6 SW. 59, 81, 73 Fair.
Wind varied from SW to W. NW. alternately.
New moon 9 h. 10 m. A.M. in the South East.
Sometime an eclipse of the Sun but was invisible.
Early in the morning a bright seen of North of the Sun.
Thursday 7 SW. 63, 83, 76 Fair.
Wind varied from SW to W. & from W. to S. W. alternately.
Atmosphere some smoky.
Friday 8 SW brisk 75, 88, 80 Fair Cloudy 1/6 day.
Wind varied from SW to W. NW. & back again.
In the morning distant thunder. Rain 1.10th in. the evening
most distant lightning in the SW - S - & some thunder.
Morning little fogg. The thermometer city of new York 90.+
Saturday 9 NW high 71, 76, 64 Fair. Cloudy 1/3 day
Wind varied from SW. to W - NW. The wind injured the corn.
Sunday 10 NW. 56, 75, 66 Fair
Wind varied a little from NW to W.
Evening Light rain.
Monday 11 NE. 62, 63, 61. Cloudy Rain 1 inch 5.10ths
Wind varied from NE to E sometimes. Little fogg.
The Martins disappeared.

† Baltimore No 90
Salem No 95.
Boston No 96.

August 1823.

Thursday 12. SW. 63, 81, 68 Fair. Morning foggy.
Wind varied from SW to W. NW & back again.

Wednesday 13 W. 63, 80, 63. Fair
Wind varied from SW to W. thence to SW-S.
Moon quartered 9 h. 20 m. A.M. in the N.E.

Thursday 14 SW. 60, 81, 63. Cloudy.
Wind varied from N. to NE-E-SE-S-SW.

Friday 15 SE 61. 76, 62 Cloudy Rain.
Wind varied from N. to NE-E-SE-S-SW & back again to N.
a little distant fogg in the mornings.

Saturday 16 NE. 60, 69, 62. Cloudy. Rain.
Wind varied from NE to E-SE-S-SW & back again to NE.
Morning foggy. Swallows disappeared.

Sunday 17 NE. 61, 69, 60 Cloudy, rain for 3 days 1", 20/100, 40/100, 80/100
Wind varied from NE to E-S. E, & back again.

Monday 18 NE. 59, 75, 61 Cloudy Fair 1/3 day.
Wind varied from NE to E. SE-Thence to E-NE-N-NW

Tuesday 19 SW. 63, 78, 63 Cloudy Rain 2 10/100, 1, 20/100
Wind varied from NE to every point of the compass &
Some thunder & lightning.
Morning evening & night foggy. Lightning in the North.
Between 9 & 10 O'clock at night a bright white rainbow in the North.

Wednesday 20 NW. 62, 80, 69 Fair. Atmosphere some smoky.
Wind varied from NW to W-SW & back again.

Thursday 21 W. 60, 85, 63 Fair, Cloudy 1/3 cloudy.
Wind varied from W to SW- & from SW. to W. alternately.
Moon fulled 1 h. 53 m. P.M. in the N.E.
Afternoon thunder, lightning, & rain 1, 10/100, 1, 40/100

Friday 22 NW high 60, 66, 57 Fair.

Saturday 23. NW 51, 68, 58 Fair.
Wind varied from NW to W.

Sunday 24 NW. 46, 73, 60 Fair. Even. little fogg in low land.
Wind varied as yesterday-
Atmosphere little smoky.
Distant thunder in the W-SW.

August 1823. 625

Monday 25 SW. 49, 77, 62 Fair.
Wind varied from W to SW. Morning foggy in low land.
Atmosphere somewhat smoky.
Finished my haying. I cut a smaller quantity than last year but of a better quality. High land there was bound and was very light indeed. I am inclined to think taking the whole farm together the crop was smaller than last year.
North & North east of us the crop of hay was much lighter than us; the severity of the drought cut it very short in some places.

Tuesday 26 W. 53, 80, 69, Fair.
Wind varied from W. to SW. Atmosphere smoky.

Wednesday 27 SW 62, 85, 76 Fair.
Wind varied from W to SW- & from SW to W- alternately
Atmosphere very smoky. Moon & 7 stars together.
In the evening distant lightning in the NW.

Thursday 28 W. 68, 79, 69 Fair.
Wind varied from W to SW. Thence to W-NW- W.
A little thunder & lightning- Rain 1. 80/100

Friday 29 SW 60, 78, 65 Fair
Wind varied from NW to W. SW- thence W.
Morning foggy in low land- Atmosphere smoky.
Moon quartered 1 h. 28 m. A.M. in the East.

Saturday 30 SW brisk 59, 82, 71 Fair.
Wind varied from SW to W & thence to SW again.
Morning foggy in low land- Evening the same.
Atmosphere very smoky.

Sunday 31 SW brisk 66, 89, 75 Fair.
Wind varied from SW to W. NW- thence back to SW.
Morning light fogg on low high land.
Thunder, lightning, & very little rain last night & dew.

September 1823.

Monday 1 NE 60, 72, 56, Fair
Wind varied from NE to E- SE- S SW.
Began to cut stalks for my fat cattle

Tuesday 2 NE. 51, 67, 49 Fair.
Wind varied as yesterday. Atmosphere some smoky.

Wednesday 3 SW high 42, 71, 66 Fair.
Atmosphere somewhat smoky.

Thursday 4 SW high 69, 81, 62 Fair. Little rain & distant thunder.
Wind varied from SW to W- NW. Atmosphere some smoky.
Moon changed 5 h. 28 m. P.M. in the West.

Friday 5 NW. 53, 76, 63 Fair
Wind varied from NW to W- SW.

Saturday 6 NW. 52, 83, 69 Fair. Atmosphere some smoky.
Wind varied from NW to W- SW- thence back again.

Sunday 7 NE. 58, 59, 50 Cloudy Rain.
Wind varied from NE to N thence back again.
Forenoon atmosphere very smoky. afternoon rain. 7.10 1.20 1.40

Monday 8 NE 50, 63, 47 Fair.
Wind varied from NE to E- S. E- S SW.
Evening small light in the North. A white frost on pine land.

Tuesday 9 NE 41, 67, 51 Fair.
Wind varied from NE to E- SE S- SW ~~Thence back to SE again~~
real smoke from fires in the woods.
Atmosphere very smoky. A cloudless & hazy day & night.

Wednesday 10 S.E. 42, 69, 51 Fair.
Wind varied from NE to E- SE- S. thence back to S.E.
Atmosphere some smoky.
In the morning kindled a fire in my office for the first time since last Spring.

Thursday 11 S. 41, 71, 54 Fair.
Wind varied from SE to S. SW thence back to S. again.
Morning & evening foggy in low land.

Friday 12 SW 51, 73, 56 Fair, Cloudy 1/6 day.
Wind varied from SW to S- SE. Morning & Evening foggy.
Distant thunder in the W- SW.

Moon quartered 1 h. 46 m. A.M. in the North West.

Saturday 13 SE 55, 69, 51 Fair. Cloudy 1/6 day.
Wind varied from SW to S- S E.
Morning foggy - cloudy.

Sunday 14 SW. 54, 77, 63 Fair. Cloudy 1/4 day - little rain.
Wind varied from SW to W- NW.

Monday 15 NE 52, 66, 50 Cloudy, Fair near 1/2 day.
Wind varied from N to NE- E- SE- S- SW.
Atmosphere somewhat smoky.

Tuesday 16 SW 46, 70, 55 Fair.
Wind varied from SW to S.- SE. back again.
Atmosphere smoky - morning little foggy in low land.

Wednesday 17 SE. 55, 68, 57 Cloudy.
Wind varied from SW to S- SE- alternately.
Morning foggy - evening rain 5.10 hrs

Thursday 18 SW. 70, 81, 67 Fair, Little rain.
Wind varied from SW to W- NW, S back again.
Morning cloudy. Evening little fogg in low land.
Evening a little lightning in the NW.

Friday 19 NW bris'tw 63, 67, 52 Fair.

Saturday 20 SW & brisk 45, 76, 67 Fair Cloudy 1/3 day.
Wind varied from SW to S- & vice versa.
Morning small fogg in low land.
Moon fulled 4 h. 18 m. A.M. in the South West.
Night ~~Little~~ rain 1.15 hrs

Sunday 21. NW brisk 52, 56, 41 Fair.
In this ~~little~~ pot it killed vines. In my corn when the stocks were cut pumpkins wilted down
dead but ~~not~~ the heart was not cut they were green & uninjured.

Monday 22. NW brisk 34, 51, 40 Fair
Light clouds.

Tuesday 23 NE. 37, 53, 43, Fair.
Wind varied from NE to E- SE & back again.

Wednesday 24 NE. 42, 52, 50, Cloudy
Wind varied from NE to N & back again - alternately
Moon & 7 Stars together. Night starboard so as to be aware of any breeze.

September 1823.

Thursday 25 NE. 45, 60, 54 Cloudy - Fair 1/12 day
Wind varied from NE to E - SE - S - SW.
Some people began to gather Indian corn & potatoes.
Friday 26 SW. 51, 66, 56 Fair, Cloudy 1/4 day
Wind varied from SW to W & back again.
Saturday 27 NE. 50, 56, 44, Fair.
Wind varied from NW to N - NE & from NE to N & back again.
Moon quartered 8h. 27m. A.M. in the South West.
Sunday 28 NW 33, 59, 45 Fair
Wind varied from NW to N - & vice versa.
Monday 29 NW 30, 58, 37 Cloudy. Fair near 1/day.
Wind varied from SW to W - NW
Evening Rain & a little distant thunder in SW. Rain 1. 20th 1. 40th
Tuesday 30, NW & brisk 29, 48, 38 Fair.

October.

Wednesday 1 SW. 37, 63, 50 Fair. } Finished cutting my corn stalk. They were large & abundant - many suckers.
Wind varied from W to SW.
Thursday 2 SW. 41, 68, 58 Fair.
Wind varied from W to SW. Began to haul manure from my barn yard.
Atmosphere smoky.
Friday 3 SW. 47, 76, 60 Fair.
Wind varied as yesterday.
Atmosphere very smoky for the season.
Saturday 4 SW. 51, 80, 62 Fair
Wind varied as yesterday.
Atmosphere same smoky. Moon changed 3h. 52m. AM. in North East.
Began to dig my potatoes.
Sunday 5 SW. 58, 71, 64 Cloudy, Rain 2, 10th 1, 20th 1. 40th
Wind varied from SW to S - SE back again to SW.
Foggy morning & evening.
Wind varied from [illegible]

October 1823.

Monday 6, NW brisk 57, 57, 45 Fair.
Tuesday 7 NE. 37, 54, 44, Cloudy - fair near 1/2 day
Wind varied from N. to NE - E - SE.
Wednesday 8 SW. 44, 59, 50 Fair Cloudy near 1/2 day
Wind varied from SE to S - SW.
Thursday 9 SW brisk 52, 68, 59 Cloudy - Fair 1/3 day.
Wind varied from SW to S. & back again.
In the evening distant lightning in the SW - & W.
Friday 10 NW brisk 48, 62, 44 Fair
Wind varied from SW to NW.
Morning atmosphere somewhat smoky.
Saturday 11 NW brisk 35, 46, 34 Fair
Moon quartered 9h. 8m. P.M. in the South West.
Sunday 12 NW. 25, 46, 37 Fair
Monday 13 SW. 39, 49, 46 Cloudy, Rain 2. 10th
Wind varied from S. to SW - W. Some fogg in low land.
In the evening considerable thunder & lightning.
Tuesday 14 NW high 37, 41, 32 Fair.
Wednesday 15 SW. 29, 56, 45 Fair.
Wind varied from NW to W - SW.
Thursday 16 SW. 43, 61, 55 Cloudy, Fair 1/3 day Rain in the evening & night 8 10th, 1 40th
Friday 17 NW brisk 52, 59, 42 Cloudy, Fair 1/5 day
Wind varied from N to NW.
Saturday 18 NW. brisk 37, 41, 33 Cloudy, Rain 4 10th
Wind varied from NE to N - NW.
Sunday 19 NW 33, 43, 32 Fair
Moon fulled 5h. 34m P.M. in the East.
Monday 20 SW. 25, 50, 43 Fair. Began my Indian corn harvest.
Tuesday 21 SW 36, 59, 48 Cloudy, Fair near 1/2 day.
Wind varied from SW to S - SE & back to SW again & again to S.E.
morning & evening foggy. Moon & 7 stars passed.

October 1823.

Wednesday 22 NW brisk 51, 51, 39 Cloudy.
Morning rain 3 10th, 20th & 1 40th

Thursday 23 SW. brisk 29, 51, 48 Fair, Cloudy 1/4 day.
Wind varied from SW to S-SE & back again.
Finished gathering my apples. I had more than one tenth so many as I had last year. The apples were small & knotty yet rotted very much. This was case in general, particularly in this vicinity. With much difficulty I saved 5 barrels of apples for winter but they were not fit.
Finished gathering my Indian corn. The frost of September in=juced it some - a portion of it was not ripe, & the ears not well filled - yet we had an average crop.

Friday 24 NW. 45, 51, 38 Fair, cloudy 1/4 day.
Wind varied from SW to W-NW-N- thence back to NW again.
Finished husking my Indian corn.

Saturday 25 NE brisk 37, 36, 34 Cloudy Rain 3 10th, 20th, 40th
Wind varied from N. to NE alternately
Finished gathering my potatoes - crop middling - [illegible] potato apples.
In the evening hail, snow 1. 10th & distant thunder & lightning.

Sunday 26 NE brisk 37, 40, 41 Cloudy, Rain, } 6. 10th
Moon quartered 3h. 6m. P.M. in the North west.

Monday 27 N. 37, 44, 44 Cloudy, Rain, }
Wind varied from NW to N, NE & thence alternately from NE to N.

Tuesday 28 NW. 44, 51, 44 Cloudy. little rain
Wind varied from N. to NW & back again alternately.

Wednesday 29 NW. 39, 48, 40 Fair, Cloudy 1/3 day.
Wind varied from NW to N & back again.
Afternoon atmosphere some smoky

Thursday 30 NE 35, 46, 36 Fair
Wind varied from N to NE & vice versa.
Southern atmosphere smoky.

Friday 31 NE. 31, 44, 35 Fair.
Wind varied as yesterday; atmosphere as then.

November 1823

Saturday 1. NE. 37, 42, 42 Cloudy - Rain. } 4 10th, 1 40th
Wind varied from N. to NE - E thence back again to NE.

Sunday 2 NW brisk 42, 42, 31 Cloudy Fair near 1/2 day Rain
Wind varied from SW to W-NW.
Moon changed 4 h. 45 m P.M. in the South West.

Monday 3 NW brisk 19, 41, 30 Fair Cloudy near 1/2 day.
Made my cyder - made only 6 barrels. Night snow 3. 10th

Tuesday 4 W. 32, 45, 36, Fair. Killed my pork
Wind varied alternately from W to SW. ~~[illegible]~~

Wednesday 5 NW brisk 32, 41, 28, Fair.

Thursday 6 NE. 20, 37, 32 Cloudy.
Wind varied from NW to N-NE-E-SE.
In evening snow ~~5. 10th~~ 1 inch.

Friday 7 NE 32, 35, 32 Cloudy Snow 2. 10th Rain 1. 10th
Wind varied alternately from N to NE & from NE to N.
Finished my ploughing.

Saturday 8 NW 31, 37, 26 Fair.
Wind varied from NE to N-NW.

Sunday 9 SW 18, 45, 38 Fair.
Wind varied from W to SW.

Monday 10 SW. 33, 55, 51 Cloudy.
Moon quartered 5h. 50 m. P.M. in the South.
Atmosphere somewhat smoky.
Finished hauling out my manure 50 loads. Night rain } 3 10th

Tuesday 11 NW. 50, 40, 30 Cloudy - Rain -
Wind varied from SW to W-NW-N & back again to NW.
Evening snow a very little

Wednesday 12 NW. 24, 32, 21, Fair.

Thursday 13 SW. brisk 26, 38, 21 Cloudy, fair 1/5th day Little snow
Wind varied from SW to W-NW.

November 1823.

Friday 14 SW brisk 12, 38, 40 Cloudy Fair 1/4 day
Wind varied from SW to S. thence back again to SW.
Evening a small light fogg near the ground — no wind moving.

Saturday 15 NW brisk 33, 42, 34 Fair.
Wind varied from SW to W — N.W.

Sunday 16 NW. 16, 26, 17, Fair.

Monday 17 NE 16, 27, 21 Cloudy
Wind varied from N. to NE

Tuesday 18 NW. 15, 30, 21 Fair
Wind varied from NE to N — NW — W. SW.
Moon fulled 5 h. 44 m. a.m. in the West.

Wednesday 19 SW. 19, 36, 24 Cloudy, Fair near 1/2 day
Wind varied from NW to W — SW.
Atmosphere some smoky. Moon & 7 stars together.

Thursday 20 S.W. 21, 42, 40 Fair.
Atmosphere very smoky both in the day & night.

Friday 21. SW. 32, 48, 43 Cloudy, Fair 1/3 day
Atmosphere smoky.

Saturday 22 NW 41, 50, 33 Cloudy Fair 1/4 day Rain 3 10th, 1 40th
Wind varied from SW to W — NW from the last point brisk
Atmosphere in the morning smoky.

Sunday 23 NW brisk 23, 31, 23 Fair.

Monday 24 NW brisk 17, 30, 20 Fair.
Moon quartered 10 h. 50 m. in the West.

Tuesday 25 NE. 18, 33, 31 Cloudy
Wind varied from N. to NE — E.
Evening & night [illegible] 4 inches

Wednesday 26 [illegible] 33, 39, 33 Cloudy little rain
Wind vari[illegible] NE to N — NW — W — SW, thence back again.
Even small [illegible]

Thursday 27 SW. 32, 38, 31 Cloudy — Little rain.
Wind varied from SW to W.

November 1823.

Friday 28 NW brisk 25, 24, 14 Fair

Saturday 29 NW brisk 7, 23, 16 Fair
Wind varied from NW to W — SW — & back again.

Sunday 30 NE. 15, 30, 27 Fair, cloudy 1/4 day
Wind varied from NE to N & back again.

December

Monday 1 W. 18, 36, 31 Fair
Wind varied from NW to W — SW — thence back to NW again.

Tuesday 2 SW. 33, 38, 28. Cloudy
Wind varied from SW to W — NW — N.
Moon changed 8 h. 43 a.m in the South East.

Wednesday 3 SW. 24, 45, 33 Fair.
Wind varied from W. to SW.
Atmosphere some smoky.

Thursday 4 SW. 32, 42, 45 Cloudy 1 10, 1 20, 1 40th
A little after sun set it began to rain,
Wind varied from SW to S — SE — E — NE. Night SE & high.
Atmosphere smoky. [illegible]

Friday 5. NW & high 39, 33, 23 Fair.

Saturday 6 NW brisk 19, 28, 25 Fair.

Sunday 7 SW. 33, 47, 37 Fair, Cloudy 1/4 day.
Evening rain a very little.

Monday 8 NW brisk 22, 27, 10 Fair cloudy 1/3 day
Wind varied from SW to W — NW.

Tuesday 9 NE brisk 3, 12, 12 Cloudy
Wind varied from NW to N — NE. Night Snow 3 inches. 5 10

Wednesday 10 NE brisk 15, 27, 29 Cloudy, Snow
Wind varied from NE to N — alternately.
Moon quartered 1 h. 47 m. P.M. in the South East.

December 1823.

Thursday 11 NW. 20, 24. 11 Fair.

Friday 12. NE 15, 26. 23 Cloudy. Snow 3 inches.
Wind varied from NE to N thence to NE - E & thence to NE again.

Saturday 13 NW 21, 31, 22 Fair.
Wind varied from NW to W thence back to NW.

Sunday 14 NE 23, 31, 27 Cloudy.
Evening of snow

Monday 15 NE birds 26, 27. 24 Cloudy, Snow
Wind varied from NE to N. NW & thence back to NE again.

Tuesday 16 NE & strong 25, 30, 29 Cloudy, Snow.
Wind varied from NE to N. NW.
The snow has drifted very much - the road are literally impassible.
- some banks are 12 feet deep or more. Snow 1 foot 6 inches.

Wednesday 17 NW. 22, 30, 23 Fair Cloudy 1/3 day.
The road still almost impassable - our distrct worked all day & nearly were unable to pass over the road. Moon & 7 stars together.
moon pulled 1 h. 9 m. afternoon in the North.

Thursday 18, SW. 10, 23, 24 Fair
Wind varied from NW to W. SW. ~~from SW to W. SW.~~
Many hands from all day employed breaking the road.
Little travelling.

Friday 19 SW & strong 30, 43, 38 Fogg, Cloudy Rain 5 10ths
Wind varied from SW to S - SE - E - NE thence back to SW
Travelling very little - very bad.

Saturday 20 SW 31, 39. 31 Fair
Wind varied from SW to W. NW.

Sunday 21 NW Rain 25, 28, 14 Fair. Cloudy 1/3 day.

Monday 22 NW. 5, 20. 20 Cloudy.
Wind varied from NW to W. SW. S. SE - E - NE frequently from NE to SE. &

Tuesday 23 SW 29, 31, 32 Cloudy. Foggy Rain 2 Rain
Wind varied from NW to every point in the compass frequently. 5 tenths
Wednesday 24 NW birds 31, 34. 22 Cloudy, Fair 1/4 day Rain 6, 10ths
Wind varied from NE to N. NW.
moon quartered 8 h 45 m. A.M. in the South West.

Thursday 25 SW 16, 24, 19 Fair Cloudy 1/4 day
Wind varied from NW to W. SW.

Friday 26 NW birds 15, 18, 12 Fair.

Saturday 27 SW 9, 31. 33 Cloudy
Wind varied from N to NE - E - SE - S. SW.
Forenoon atmosphere smoky.

Sunday 28 SW. 37, 44. 34 ~~Cloudy~~ Fair Cloudy 1/3 day Little rain

Monday 29 SW 21, 36, 27 Fair
Forenoon atmosphere smoky.

Tuesday 30 SW 21, 36. 31 ~~Cloudy~~ Fair Cloudy 1/3 day
Atmosphere smoky. Night rain 1, 10, 1, 20, 1, 40, 1, 80

Wednesday 31 SW. 35, 44. 38 Cloudy Fair 1/4 Rain 1 10, 20
Wind varied from SW to W ~~from W to SW~~
Atmosphere smoky.

Appendix.

Containing the average of heat, the quantity of rain & snow that fell in each month, quarter & year; also what each average for the several periods from the time the regular journal commenced, in 1809 to December 31. 1823.

Table
No
I

II. Years.	Heat	No of years.	Heat Average	January Rain feet	Rain inch	10	20	40	80	No of years
1810	22 1/2	1	22 1/2	–	5	5	–	–	–	1
1811	21 1/10	2	21 3/4	–	–	6	–	–	–	2
1812	18	3	20 1/2	–	2	3	–	–	–	3
1813	17 3/4	4	19 3/4	–	1	–	–	–	–	4
1814	20	5	19 4/5	–	–	–	–	–	–	5
1815	18 2/3	6	19 4/6	–	–	6	–	–	–	6
1816	20 2/3	7	19 5/7	–	1	2	–	–	–	7
1817	18 2/3	8	19 5/8	–	1	–	1	–	–	8
1818	19 1/3	9	19 5/9	–	–	6	–	–	–	9
1819	27	10	20 3/10	–	–	8	1	–	–	10
1820	17 2/3	11	20 1/11	–	–	–	–	–	–	11
1821	14 1/3	12	19 7/12	–	–	–	–	–	–	12
1822	16	13	19 4/13	–	–	3	1	–	–	13
1823	20 2/3	14	19 5/14	–	2	4	1	–	–	14
	272				11	5	–	–	–	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Rain average feet	Rain average inch	10	20	40	80	January Snow feet	Snow inch	10	20	40	80	Average of Snow feet	Average of Snow inch	10	20	40	80 III
–	5	5	–	–	–	–	7	7	1	–	–	–	7	7	1	–	–
–	–	5	1	–	–	1	2	–	1	1	–	–	10	9	–	–	1
–	1	5	1	1	1	–	9	6	1	–	–	–	10	4	1	1	–
	–	8	1	–	–	2	2	1	–	–	–	1	2	3	1	1	1
–	–	8	1	1	–	1	3	3	–	–	–	1	2	5	1	1	–
–	–	8	–	1	–	1	6	6	–	–	1	1	3	2	–	1	1
–	–	8	1	1	–	1	5	1	–	–	–	1	3	5	–	–	1
–	–	9	–	–	–	1	–	–	–	–	–	1	3	[illegible]	1	–	1
–	–	8	–	1	–	2	6	1	–	–	–	1	4	7	–	1	1
–	–	8	1	–	1	–	[illegible]	3	–	–	–	1	3	6	1	1	1
–	–	7	1	1	–	3	–	–	–	–	–	1	5	5	–	1	1
–	–	7	–	1	–	–	9	6	–	–	–	1	4	8	1	1	–
–	–	6	1	1	1	–	10	8	–	–	–	1	3	4	1	1	1
–	–	7	–	–	1	2	–	6	–	–	–	1	5	2	1	0	0
	✓	✓	✓	✓		19	9	9	1	1	1						
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

No.	Years	Heat	No. of Years	Heat	February. Rain feet	inch	10	20	40	80	Rain Average. feet	inch	10	20	40	80
1	1809	23½	1	23½	–	1	–	–	–	–	–	1	–	–	–	–
	1810	27	2	25¼	–	1	1	1	–	1	–	1	–	1	1	½
	1811	22⅕	3	24⅙	–	1	3	–	–	–	–	1	1	1	–	⅓
	1812	21½	4	23¼3	–	2	2	1	–	–	–	1	4	–	1	–
	1813	22½	5	23¼4	–	–	1	–	–	–	–	1	1	1	–	–
	1814	26	6	23⅘6	–	2	–	1	–	–	–	1	6	+	+	–
	1815	20⅓	7	23²/7	–	–	3	–	–	–	–	1	1	1	–	1
	1816	23½	8	23²/8	–	1	2	1	1	–	–	1	1	1	1	–
	1817	15⅔	9	22⅘9	–	–	[illegible]	–	–	–	–	1	–	1	–	1
	1818	14⅔	10	21⅞10	–	1	5	–	–	–	–	1	1	–	–	1
	1819	27⅔	11	22²/11	–	–	6	–	–	–	–	1	–	–	–	1
	1820	26	12	22½	–	+	+	[illegible]	–	–	–	1	–	1	–	1
	1821	27⅓	13	22¹¹/13	–	6	–	1	1	–	–	1	4	1	–	–
	1822	22⅔	14	22¹³/14	–	0	7	+	–	–	–	1	4	–	–	–
	1823	5	15	21²/3	–	–	–	–	–	–	–	1	3	1	–	–
	✓	325	✓	✓	1	7	6	–	–	1	+	7	6	–	–	1
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

V.

Spring. feet	inch	10	20	40	80	February. Snow Average. feet	inch	10	20	40	80
1	9	2	–	–	–	1	9	2	–	–	–
–	1	–	–	–	–	–	11	1	–	–	–
2	10	5	–	–	–	1	6	9	–	–	–
1	10	5	–	–	–	1	7	8	–	–	–
1	3	–	–	–	–	1	6	8	–	1	–
1	1	6	–	–	–	1	5	9	1	–	1
2	2	5	–	–	–	1	7	7	–	1	1
–	11	6	–	–	–	1	6	2	–	1	1
3	3	7	–	–	–	1	8	6	–	–	1
1	10	6	–	–	–	1	8	8	–	–	1
2	3	4	–	–	–	1	9	4	–	–	1
1	11	5	–	–	–	1	9	5	1	1	1
2	3	1	–	–	–	1	10	–	–	–	1
1	2	5	–	–	–	1	9	4	1	–	1
2	9	–	–	–	–	1	10	2	–	1	1
27	9	7	–	–	–						
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

March

Years	Heat	No of Years	Heat.	Rain Feet	Rain inch	Rain 10	Rain 20	Rain 40	Rain 80	Rain Average Feet	Rain Average inch	Rain Average 10	Rain Average 20	Rain Average 40
1809	32 1/4	1	32 1/4	–	1	5	1	1	–	–	1	5	1	1
1810	31 5/6	2	32	–	1	–	–	–	–	–	1	2	1	1
1811	35 1/2	3	33	–	2	–	–	1	–	–	1	5	–	1
1812	29 1/2	4	32 1/4	–	–	4	–	–	–	–	1	2	1	–
1813	26	5	30 1/3	–	2	1	–	–	–	–	1	1	–	–
1814	29 5/6	6	30 4/6	–	–	7	–	–	–	–	1	3	–	–
1815	33 1/3	7	31 1/7	–	2	2	–	1	–	–	1	4	–	1
1816	26 1/3	8	30 1/2	–	–	2	–	–	–	–	1	2	1	1
1817	30 1/3	9	30 5/9	–	1	–	–	1	–	–	1	2	1	–
1818	32 2/3	10	30 7/10	–	3	1	1	–	–	–	1	4	–	1
1819	25 1/3	11	30 3/11	–	1	1	–	1	–	–	1	4	–	–
1820	29 2/3	12	30 1/6	–	1	8	–	–	–	–	1	4	–	1
1821	29 1/3	13	30 2/13	–	1	3	1	1	–	–	1	4	–	1
1822	35	14	30 6/14	–	1	1	1	1	1	–	1	4	–	–
1823	29 1/3	15	30 7/15	–	2	8	1	–	1	–	1	5	–	–
	455			1	10	7	1	–	–					
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

March

V

80	Snow feet	Snow inch	Snow 10	Snow 20	Snow 40	Snow 80	Snow Average feet	Snow Average inch	Snow Average 10	Snow Average 20	Snow Average 40	Snow Average 80
–	–	9	–	–	–	–	–	9	–	–	–	–
–	2	11	7	1	–	–	1	10	3	1	1	–
–	–	7	5	–	–	–	–	9	4	–	–	1
–	1	2	–	–	–	–	1	4	5	1	–	1
–	1	9	4	1	–	–	1	5	5	–	1	1
–	1	4	5	1	–	–	1	5	3	1	1	–
–	1	9	2	–	–	–	1	5	9	–	–	1
–	–	11	5	–	–	–	1	5	1	–	4	1
–	1	6	7	–	–	–	1	5	2	–	1	1
–	–	9	5	–	–	–	1	4	5	–	–	1
1	4	1	1	–	–	–	1	7	4	1	–	1
1	–	9	–	–	–	–	1	6	6	–	–	–
–	1	1	–	–	–	–	1	6	1	1	–	1
1	–	6	–	–	–	–	1	5	3	–	–	–
1	1	10	9	–	–	–	1	5	3	–	1	1
	22	1	1	1	–	–						
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

March

Years	Heat	No of Heat	Heat.	Rain feet	Rain inch	Rain 10	Rain 20	Rain 40	Rain 80	Rain Average feet	Rain Average inch	Rain Average 10	Rain Average 20	Rain Average 40	Rain Average 80	Snow feet	Snow inch	Snow 10	Snow 20	Snow 40	Snow 80	Snow, Average feet	Snow, Average inch	Snow, Average 10	Snow, Average 20	Snow, Average 40	Snow, Average 80
1809	32 1/4	1	32 1/4	–	1	5	1	1	–	–	1	5	1	1		–	9	–	–	–	–	–	9	–	–	–	–
1810	31 5/6	2	32	–	1	–	–	–	–	–	1	2	1	1		–	11	7	1	–	–	1	10	3	1	1	–
1811	35 1/2	3	33	–	2	–	–	1	–		1	5	–	1		–	7	5	–	–	–	–	9	4	–	–	1
1812	29 1/2	4	32 1/4	–	–	4	–	–	–	–	1	2	1	–		–	1	2	–	–	–	1	4	5	1	–	1
1813	26	5	30 1/3	–	2	1	–	–	–	–	1	1	–	–		–	1	9	4	1	–	1	5	5	–	1	1
1814	29 5/6	6	30 4/6	–	–	7	–	–	–	–	1	3	–	–		–	1	4	5	1	–	1	5	3	1	1	–
1815	33 1/3	7	31 1/7	–	2	2	–	1	–	–	1	4	–	1		–	1	9	2	–	–	1	5	9	–	–	1
1816	26 1/3	8	30 1/2	–	–	2	–	–	–	–	1	2	1	1		–	–	11	5	–	–	1	5	1	–	1	1
1817	30 1/3	9	30 5/9	–	1	–	–	1	–	–	1	2	1	–		–	1	6	7	–	–	1	5	2	–	1	1
1818	32 2/3	10	30 7/10	–	3	1	1	–	–	–	1	4	–	1		–	–	9	5	–	–	1	4	5	–	–	1
1819	25 1/3	11	30 3/11	–	1	1	–	1	–	–	1	4	–	–		1	4	1	1	–	–	1	7	4	1	–	1
1820	29 2/3	12	30 1/6	–	1	8	–	–	–	–	1	4	–	1		1	–	9	–	–	–	1	6	6	–	–	–
1821	29 1/3	13	30 2/13	–	1	3	1	1	–	–	1	4	–	1		–	1	1	–	–	–	1	6	1	1	–	1
1822	35	14	30 6/14	–	1	1	1	1	1	–	1	4	–	–		1	–	6	–	–	–	1	5	3	–	–	–
1823	29 1/3	15	30 7/15	–	2	8	1	–	1	–	1	5	–	–		1	1	10	9	–	–	1	5	3	–	1	1
	455			1	10	7	7	–	–								22	1	1	1	–	–					
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

VIII Years	Heat	Years	Heat	April. Rain. feet	inches	10	20	40	80	Rain Average feet	inch
1809	47	1	47	~	4	6	1	1	~	~	4
1810	46	2	46½	~	2	6	1	1	~	~	3
1811	45½	3	46	~	~	9	1	1	1	~	2
1812	41	4	44¾	~	1	9	~	~	~	~	2
1813	44⅔	5	44⅘	~	1	7	1	1	~	~	2
1814	45⅓	6	44⅚	~	2	4	~	~	~	~	2
1815	40⅓	7	44⅐	~	2	8	1	1	~	~	2
1816	44⅔	8	39¾	~	1	~	~	1	~	~	2
1817	40⅔	9	43⅑	~	1	4	~	~	~	~	2
1818	38⅓	10	43	~	7	9	~	1	~	~	2
1819	40	11	42⁸⁄₁₁	~	4	5	~	1	~	~	2
1820	42⅓	12	42¾	~	~	5	~	~	~	~	2
1821	40	13	42⁷⁄₁₃	~	~	7	1	1	1	~	2
1822	40⅔	14	40¹¹⁄₁₄	~	3	8	1	1	~	~	2
1823	44	15	42⅞	~	1	3	1	1	~	~	2
~	637½	~	~	3	2	7	~	~	~		
	~			~	~	~	~	~	~	~	~

April. Snow 10	20	40	80	Snow feet	inch	Snow Average 10	20	40	80	Snow Average feet	inch	10	20	40	80
6	1	1	~	~	6	~	~	~	~	~	6	~	~	~	~
7	1	1	~	1	7	1	~	~	~	1	~	1	1	~	~
7	1	1	~	~	1	~	~	~	~	~	8	7	~	~	~
5	~	~	~	~	9	~	1	~	~	~	8	7	1	1	1
4	~	~	~	~	~	~	~	~	~	~	7	~	~	1	~
4	~	~	~	~	5	~	~	~	~	~	6	6	1	1	1
4	1	~	1	~	11	2	~	~	~	~	7	3	~	1	~
2	1	1	1	~	6	~	~	~	~	~	7	1	1	~	1
1	1	1	1	~	5	~	~	~	~	~	6	9	~	1	~
7	1	~	1	2	7	1	~	~	~	~	9	3	~	1	1
9	~	~	1	~	1	~	~	~	~	~	8	5	1	1	~
7	~	~	1	~	2	2	~	~	~	~	8	~	1	~	~
5	1	~	1	1	11	5	~	~	~	~	9	2	~	1	1
6	1	~	1	~	5	5	~	~	~	~	8	9	1	1	~
5	~	1	1	~	8	~	~	~	~	~	8	9	~	~	~
				11	1	6	1	~	~						
~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Years	Heat	No of years	Heat	May. Rain feet	inch	10	20	40	80	Rain Average. feet	inch	.10	May. Snow 20	40	80	Snow feet	inch	10	20	40	80	Snow Average feet	inch	10	20	40	80
1809	55½	1	55½	~	2	7	1	1	~	~	2	7	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1810	57	2	56¼	~	~	4	~	1	~	~	1	6	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1811	55	3	55⅔	~	1	9	~	1	~	~	1	6	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1812	49½	4	54¼	~	5	3	1	~	~	~	2	6	~	~	1	1	~	~	~	~	~	~	3	~	~	~	~
1813	51½	5	53⅗	~	3	5	1	1	~	~	2	8	~	~	~	~	~	~	~	~	~	~	2	4	~	~	~
1814	56¼	6	54	~	7	1	1	1	~	~	3	5	~	1	1	~	~	~	~	~	~	~	~	~	~	~	~
1815	50⅔	7	53⅐	~	1	3	1	~	~	~	3	2	~	~	1	~	5	~	~	~	~	~	2	4	~	1	~
1816	50½	8	53½	~	5	8	~	~	~	~	3	5	~	1	1	~	~	~	~	~	~	~	2	1	~	1	~
1817	53	9	53⅑	~	9	~	1	~	~	~	4	~	1	~	1	~	~	~	~	~	~	~	1	8	1	1	1
1818	53	10	53 1/10	~	5	9	~	1	~	~	4	3	~	1	~	~	~	~	~	~	~	~	1	7	~	~	~
1819	51⅔	11	53	~	8	~	1	1	1	~	4	6	1	~	1	~	~	~	~	~	~	~	1	5	~	1	1
1820	52⅔	12	53	~	4	9	~	1	~	~	4	6	1	1	1	~	~	~	~	~	~	~	1	4	~	~	1
1821	55	13	53 1/13	~	4	2	~	1	~	~	4	6	1	~	~	~	~	~	~	~	~	~	1	3	~	~	~
1822	59	14	53 2/14	~	~	5	~	1	1	~	4	3	1	~	1	~	~	~	~	~	~	~	1	2	~	~	1
1823	52⅔	15	53 2/15	~	4	2	1	1	~	~	4	3	1	~	~	~	~	~	~	~	~	~	1	1	1	~	1
	803			5	5	3	1	1	—							1	5	—	—	—	—						
~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Years	Heat	No of Years	Heat	June. Rain. feet	inch	10	20	40	80	Rain feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80
1809	65 1/3	1	65 1/3	~	6	8	~	~	~	~	6	8	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1810	64	2	64 1/2	~	6	4	1	~	~	~	6	6	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1811	66 2/3	3	65.	~	1	~	~	~	~	~	4	7	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1812	62	4	64 1/3	~	4	2	1	1	~	~	4	6	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1813	64 1/10	5	63 4/5	~	4	2	1	~	~	~	4	5	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1814	62 2/3	6	64	~	2	9	1	~	1	~	4	2	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1815	63 1/3	7	64	~	2	6	~	1	~	~	4	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1816	59 2/3	8	63 3/8	~	3	1	~	~	~	~	3	9	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1817	59 2/3	9	63	~	3	5	~	~	~	~	3	8	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1818	68	10	63 1/2	~	2	5	~	~	~	~	3	7	~	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1819	68 1/3	11	63 10/11	~	4	8	1	~	~	~	3	8	~	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1820	67	12	64 6/6	~	2	9	1	1	~	~	3	7	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1821	67	13	64 5/13	~	5	1	1	1	~	~	3	8	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1822	66 2/14	14	64 6/14	~	3	6	~	1	1	~	3	8	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~	~
1823	64 3/3	15	64 7/14	~	~	7	~	1	~	~	3	6	1	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	967	~	~	4	6	8	~	~	~																		
~	~			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Years	Heat	No of years	Heat	July: Rain feet	inch.	10	20	40	80	Rain feet	inch.	10	20	40	80	Snow feet	inch.	10	20	40	80
1809	69	1	69	~	8	5	1	~	~	~	8	5	1	~	~	~	~	~	~	~	~
1810	65 2/3	2	67 1/3	~	3	~	~	~	~	~	5	7	1	1	~	~	~	~	~	~	~
1811	71 1/3	3	68 2/3	~	1	9	1	1	~	~	4	5	~	~	~	~	~	~	~	~	~
1812	60 2/3	4	66 3/4	~	6	1	~	1	~	~	4	9	~	~	1	~	~	~	~	~	~
1813	69	5	67	~	4	2	1	~	~	~	4	8	1	1	0	~	~	~	~	~	~
1814	70 4/5	6	67 2/3	~	4	6	1	~	~	~	4	7	1	~	~	~	~	~	~	~	~
1815	71.	7	68 1/7	~	2	~	~	~	~	~	4	3	~	~	1	~	~	~	~	~	~
1816	64	8	67 5/8	~	1	3	1	~	~	~	3	9	1	1	1	~	~	~	~	~	~
1817	68	9	67 2/3	~	3	6	~	~	~	~	3	9	~	1	1	~	~	~	~	~	~
1818	71 1/3	10	68	~	2	8	~	~	~	~	3	8	~	1	~	~	~	~	~	~	~
1819	72	11	68 4/11	~	4	~	1	1	1	~	3	8	1	~	~	~	~	~	~	~	~
1820	75	12	68 11/12	~	6	1	1	~	1	~	4	~	~	1	1	~	~	~	~	~	~
1821	64	13	68 7/13	~	2	7	~	1	1	~	3	1	1	1	~	~	~	~	~	~	~
1822	70	14	68 9/14	~	8	2	~	1	~	~	4	2	1	~	~	~	~	~	~	~	~
1823	69	15	68 10/15	~	3	3	1	~	~	~	4	1	1	1	1	~	~	~	~	~	~
	1030 1/2			5	2	8	1	—	1												
~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Years	Heat	No of years	Heat	August. Rain. Feet	inch	10	20	40	80	Rain. feet	inch	10	20
1809	67 1/3	1	67 1/3	~	4	9	1	~	~	~	4	9	1
1810	66 1/4	2	66 3/4	~	6	~	~	~	~	~	5	4	1
1811	67 2/3	3	67	~	4	5	1	~	~	~	5	2	~
1812	65 1/2	4	66 2/3	~	5	7	~	~	~	~	5	3	~
1813	69 1/2	5	67 5/5	~	1	7	1	~	~	~	4	8	1
1814	65	6	66 5/6	~	8	4	1	~	1	~	5	2	1
1815	60 1/3	7	65 6/7	~	6	5	~	1	~	~	5	4	~
1816	64 2/3	8	65 3/4	~	1	8	1	1	1	~	4	9	1
1817	66 1/3	9	65 7/9	~	5	9	1	~	~	~	5	~	1
1818	65 2/3	10	65 8/10	~	1	~	1	1	~	~	4	6	1
1819	70 2/3	11	66 3/11	~	3	7	~	1	1	~	4	5	1
1820	67 2/3	12	66 4/12	~	1	6	1	~	~	~	4	3	1
1821	69	13	66 7/13	~	1	1	~	~	1	~	4	1	~
1822	70 1/3	14	66 2/14	~	1	2	1	1	1	~	3	9	~
1823	68	15	66 14/15	~	2	2	~	~	~	~	3	7	1
	1004			4	8	3	1	1	1				
	V	V	V										

40	80	August. Dew. feet	inch	10	20	40	80	Snow. feet	inch	10	20	40	80
~	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~

XVIII Years	Heat	No of Years	Heat	September. Rain feet	inch	10	20	40	80	Rain. feet	inch	10	Snow. 20	40	80	Snow. feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80
1809	62½	1	62½	~	~	~	~	~	1	~	~	~	~	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1810	59½	2	61	~	4	8	~	1	~	~	2	4	~	~	¾	~	~	~	~	~	~	~	~	~	~	~	~
1811	60½	3	60⅓	~	1	3	1	~	~	~	2	~	1	~	⅔	~	~	~	~	~	~	~	~	~	~	~	~
1812	55	4	59¼	~	~	4	~	~	~	~	1	6	1	1	1	~	~	~	~	~	~	~	~	~	~	~	~
1813	62½	5	60	~	2	2	~	1	~	~	1	7	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1814	57⅔	6	58⅔	~	1	9	1	~	~	~	1	7	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1815	57½	7	59⅐	~	5	1	~	1	~	~	2	2	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1816	55⅔	8	58⅞	~	~	3	~	~	~	~	2	~	~	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1817	59⅔	9	58⅞	~	1	8	1	1	1	~	2	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1818	56⅓	10	58⅘	~	9	8	1	~	~	~	2	7	1	1	1	~	~	~	~	~	~	~	~	~	~	~	~
1819	61⅔	11	58¹⁰⁄₁₁	~	6	8	1	1	~	~	3	1	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1820	62	12	59⅛	~	1	9	1	1	~	~	3	~	1	~	1	~	~	~	~	~	~	~	~	~	~	~	~
1821	59⅔	13	59⅓	~	4	9	1	~	1	~	3	2	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1822	62⅔	14	59¹³⁄₁₄	~	2	9	1	1	~	~	3	1	1	1	1	~	~	~	~	~	~	~	~	~	~	~	~
1823	55⅔	15	59³⁄₁₅	~	1	4	1	~	~	~	3	~	1	1	~	~	~	~	~	~	~	~	~	~	~	~	~
	891			3	10	1	1	~	1																		
✓	✓	✓	✓																								

Years	Heat	No of years	Heat	October Rain feet	inch	10	20	40	80	Rain feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80
1809	54½	1	54½	–	1	3	1	1	1	–	1	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1810	46	2	50¼	–	–	8	1	1	–	–	1	1	–	–	1½	–	–	–	–	–	–	–	–	–	–	–	–
1811	50½	3	50⅓	–	6	6	2	–	–	–	3	–	–	–	1	–	–	1	–	–	–	–	–	–	–	1	1
1812	47⅓	4	49⅔	–	2	7	–	1	1	–	2	9	–	–	1	–	–	–	–	–	–	–	–	–	–	1	
1813	46⅓	5	48⅘	–	5	2	1	1	–	–	3	4	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1
1814	49⅔	6	49.	–	–	6	1	1	–	–	2	9	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
1815	46	7	48⅛	–	–	8	1	1	–	–	2	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
1816	48⅔	8	48⅝	–	5	1	1	–	–	–	2	9	1	–	1	–	–	–	–	–	–	–	–	–	–	–	1
1817	44⅓	9	48⅑	–	9	–	–	1	1	–	3	6	–	1	1	–	–	–	–	–	–	–	–	–	–	–	1
1818	48⅓	10	48⅒	–	2	1	1	1	–	–	3	4	1	1	1	–	–	–	–	–	–	–	–	–	–	–	1
1819	47	11	48/11	–	1	–	–	–	–	–	3	2	1	1	1	–	–	5	–	–	–	–	–	–	1	–	–
1820	45⅔	12	47 10/12	–	10	1	–	1	1	–	3	–	1	1	1	–	–	1	–	–	–	–	–	–	1	–	–
1821	46⅔	13	47 10/13	–	1	1	–	–	–	–	3	6	–	1	–	–	–	2	3	–	–	–	–	2	–	1	1
1822	48	14	47 11/14	–	2	7	1	1	–	–	3	5	1	–	1	–	–	–	–	–	–	–	–	2	–	1	–
1823	46	15	47 10/15	–	3	–	1	–	–	–	3	5	–	1	–	–	–	+	–	–	–	–	–	2	–	–	1
	714			4	5	–	–	–	1							3	3	–	–	–							
✓	✓	✓	✓																								

years	Heat	No. of years	Heat	November. Rain. feet	inch	10	20	40	80	Rain. feet	inch	10	20
1809	35	1	35	~	2	~	1	1	~	~	2	~	1
1810	34⅚	2	34½	~	4	1	~	~	~	~	3	~	1
1811	37.5/6	3	35⅔	~	5	~	1	1	~	~	3	~	~
1812	38⅙	4	36⅓	~	2	~	~	~	~	~	3	3	~
1813	39	5	36⅘	~	6	~	1	~	~	~	3	8	1
1814	36⅓	6	36⅚	~	5	5	1	~	~	~	4	1	~
1815	38	7	37.	~	1	4	1	1	1	~	3	7	1
1816	39	8	37¼	~	3	3	~	1	1	~	3	7	~
1817	35⅓	9	37	~	4	6	~	1	1	~	3	8	~
1818	40⅓	10	37 9/10	~	1	2	~	1	~	~	3	5	1
1819	37	11	37 3/11	~	1	1	1	1	~	~	3	3	~
1820	32⅔	12	36 4/12	~	1	4	1	~	1	~	3	1	1
1821	36⅓	13	36 4/13	~	7	5	1	~	~	~	3	5	~
1822	38⅔	14	37	~	3	5	~	~	~	~	3	4	2
1823	30⅔	15	36 1/15	~	1	1	1	~	~	~	3	3	1
	548¾			4	2	3	1	1	~				
						3							

40	80.	November. Snow. feet	inch	10	20	40	80	Snow. feet	inch	10	20	40	80
1	~	~	7	~	1	~	~	~	7	~	1	~	~
1	1	~	1	5	~	1	~	~	4	2	1	1	~
~	1	~	4	~	~	1	~		4	1	1	~	1
~	1	~	7	~	~	1	1	~	4	3	1	1	1
~	~	~	5	5	~	~	~	~	5	~	~	~	1
1	1	~	7	5	~	~	~	~	5	4	~	1	~
~	1	~	~	~	~	~	~	~	4	6	1	~	~
~	~	~	8	5	~	~	~	~	5	~	~	~	1
~	1	~	2	1	~	~	~	~	4	7	1	1	1
~	~	~	7	1	~	~	~	~	5	~	~	1	~
1	1	~	1	6	~	~	~	~	4	7	~	~	1
1	1	~	10	~	~	~	~	~	5	1	1	~	~
~	1	~	3	6	1	~	~	~	5	~	~	1	1
~	1	~	~	~	~	~	~	~	4	6	1	1	~
~	~		5	5	~	~	~	~	4	6	1	~	1
		5	11	~	~	1	~						

Years	Heat	No of years	Heat	December. Rain feet	inch	10	20	40	80	Rain feet	inch	10	20
1809	35	1	35	~	5	~	1	~	1	~	5	~	1
1810	24	2	29½	~	~	4	~	1	~	~	2	7	~
1811	23	3	27⅓	~	4	~	1	1	~	~	3	1	1
1812	24⅓	4	26¼	~	~	3	~	~	~	~	2	4	1
1813	24⅔	5	26⅕	~	~	~	1	1	~	~	1	9	1
1814	22	6	25½	~	0	2	~	~	~	~	1	9	0
1815	23½	7	25⅐	~	1	3	~	1	~	~	1	6	~
1816	25⅔	8	25¼	~	2	~	~	~	~	~	1	6	1
1817	27	9	25⅘	~	2	8	1	~	~	~	1	8	~
1818	21	10	25	~	~	6	1	~	~	~	1	6	1
1819	25⅓	11	25³/₁₁	~	6	6	1	~	~	~	1	5	1
1820	20	12	24⅔	~	~	3	~	~	~	~	1	4	1
1821	22⅔	13	24⁶/₁₃	~	~	7	1	~	1	~	1	4	~
1822	24	14	24⁶/₁₄	~	~	6	~	~	~	~	1	3	1
1823	27	15	24⁹/₁₅	~	2	6	~	~	1	~	1	4	1
	369½			1	9	8	0	4	1				
v	v	v	v										

December. Snow. 40	80	feet	inch	10	20	40	80	Snow. feet	inch	10	20	40	80
~	1	~	8	1	~	~	~	~	8	1	~	~	~
1	1½	1	~	9	~	~	~	~	10	5	~	~	~
~	1	~	10	~	~	1	~	~	6	3	~	1	1
~	~	~	11	~	~	~	~	~	7	5	~	~	~
1	~	~	9	~	~	~	~	~	7	8	~	~	~
1	1	~	9	5	~	~	~	~	8	~	1	1	~
1	~	~	10	1	~	~	~	~	10	~	1	1	1
1	~	~	8	5	~	~	~	~	9	8	1	1	1
~	1	~	6	5	~	~	~	~	9	5	~	~	1
1	1	~	5	8	~	~	~	~	9	1	~	1	1
1	1	1	8	2	~	~	~	~	10	1	~	1	1
1	1	1	10	~	~	~	~	~	11	1	~	1	~
1	~	1	6	3	~	~	~	~	11	6	1	1	~
~	1	~	8	1	~	~	~	~	11	4	~	1	~
~	~	2	2	5	~	~	~	1	~	4	~	1	~
		15	6	5	~	1	~						

XXVI Years	Heat	No of yrs	Heat	Winters. Rain feet	inch	10	20	40	80	Rain. feet	inch	10	20	40
1810	28 1/6	1	28 1/6	1	–	–	–	1	–	1	–	–	–	1
1811	22 3/12	2	25 1/12	–	2	3	0	1	–	–	7	1	1	–
1812	20 2/3	3	20 2/3	–	8	5	1	1	–	–	8	3	–	–
1813	21 1/3	4	23	–	1	4	–	–	–	–	6	–	1	–
1814	23 1/3	5	23	–	2	1	0	1	–	–	5	2	1	1
1815	20 1/3	6	22 1/3	–	1	1	–	–	–	–	4	5	1	1
1816	22 1/2	7	22 7/7	–	3	8	–	–	–	–	4	4	1	1
1817	20	8	22 3/8	–	3	2	1	–	–	–	4	3	–	1
1818	20 1/4	9	22 1/3	–	4	9	1	–	–	–	4	3	1	1
1819	25	10	22 4/10	–	2	1	–	–	–	–	4	1	1	–
1820	23	11	22 5/11	–	1	7	–	–	–	–	3	9	–	1
1821	20 2/3	12	22 5/12	–	6	3	1	1	–	–	4	1	1	–
1822	20 1/3	13	22 2/3	–	1	8	1	–	1	–	3	9	1	–
1823	16 1/3	14	21 3/4	–	3	–	1	–	–	–	3	9	–	1
	304 1/2			4	6	6	–	1	1					

Winters. Snow. 80	feet	inch	10	20	40	80	Snow feet	inch	10	20	40	80
–	–	9	6	–	–	–	–	9	6	–	–	–
–	5	1	4	1	1	–	2	11	5	–	1	1
	3	6	1	1	1	–	3	1	7	1	–	–
1	4	4	1	–	–	–	3	5	3	–	1	1
1	3	3	3	–	–	–	3	4	6	1	0	–
1	2	5	4	1	–	1	3	2	7	1	1	–
–	3	2	8	0	1	1	3	2	7	1	–	1
–	5	–	2	–	–	–	3	5	4	1	–	1
1	4	11	2	–	1	–	3	7	4	1	1	1
1	3	3	5	–	–	–	3	7	–	–	1	1
1	6	7	7	–	–	–	3	10	3	1	1	1
1	4	1	8	–	1	–	3	10	1	–	–	–
1	3	7	6	–	–	–	3	10	4	–	1	–
–	3	5	8	–	–	1	3	10	1	–	–	–
	53	9	4	–	–	1						

Years	Heat	No of years	Heat	Spring Rain feet	inch	10	20	40	80	Rain Average feet	inch	10
1809	44 2/3	1	44 3/3	~	9	~	~	1	~	~	9	~
1810	44 3/4	2	44 2/3	~	4	1	~	1	~	~	6	5
1811	45 1/3	3	44 3/4	~	4	9	~	1	1	~	6	~
1812	40	4	43 3/4	~	7	6	1	~	~	~	6	4
1813	40 2/3	5	43	~	7	4	1	~	~	~	6	6
1814	43 2/3	6	43.	~	10	2	1	1	~	~	7	2
1815	41 1/3	7	43	~	6	4	1	~	~	~	7	1
1816	39 1/3	8	42 3/8	~	7	~	~	1	~	~	7	1
1817	41 1/3	9	42 1/3	~	11	4	1	1	~	~	7	6
1818	41 1/3	10	42 1/5	1	5	~	~	1	~	~	8	5
1819	39	11	47	1	1	7	~	1	1	~	9	~
1820	41 2/3	12	41 11/12	~	7	2	~	1	~	~	8	8
1821	41 1/3	13	41 11/13	~	6	3	1	1	1	~	8	6
1822	44 2/3	14	42 1/14	~	5	6	~	~	~	~	8	4
1823	42	15	42 1/15	~	8	5	~	~	1	~	8	4
	631	✓	✓	10	6	8	1	~	~			
✓	✓											

Spring Snow 20	40	80	feet	inch	10	20	40	80	Snow Average feet	inch	10	20	40	80
~	1	~	1	3	~	~	~	~	1	3	~	~	~	~
1	~	1	3	11	9	~	~	~	2	7	4	1	~	~
~	1	~	~	8	5	~	~	~	1	11	8	~	~	~
~	1	~	2	11	~	1	~	~	2	2	6	~	~	1
~	1	1	1	9	4	1	~	~	2	1	5	1	1	~
1	1	~	1	9	5	1	~	~	2	2	9	~	~	~
~	1	~	3	1	4	~	~	~	2	2	6	1	1	1
~	~	1	1	5	5	~	~	~	2	1	5	~	1	1
~	~	~	1	11	7	~	~	~	2	1	3	~	1	1
~	1	1	3	4	6	~	~	~	2	2	8	1	1	~
~	~	1	4	2	1	~	~	~	2	4	9	1	1	~
1	~	1	~	11	2	~	~	~	2	3	4	1	1	1
1	~	1	3	~	5	~	~	~	2	4	1	1	1	1
~	1	~	~	10	4	~	~	1	2	2	9	~	~	1
1	~	~	2	6	9	~	~	~	2	3	1	1	1	~
			31	11	7	1	~	1						

Years	Heat	No of years	Heat	Summer. Rain feet	inch	10	20	40	80	Rain. feet	inch	10	20
1809	67 1/6	1	67 1/6	1	3	~	~	~	~	1	3	~	~
1810	65 1/3	2	66 1/4	1	3	4	1	~	~	1	3	2	~
1811	68 1/3	3	66 2/3	~	7	5	~	1	~	1	7	6	1
1812	62 2/3	4	65 3/4	1	4	1	~	~	~	1	1	5	~
1813	67 1/3	5	66	~	10	6	1	~	1	1	~	9	1
1814	66	6	66 1/6	1	4	~	1	1	~	1	1	4	1
1815	64 2/3	7	65 6/7	~	11	1	1	~	~	1	1	1	~
1816	62 2/3	8	65 1/2	~	6	3	~	1	1	1	~	2	1
1817	64 2/3	9	65 4/9	1	1	~	1	~	1	1	~	3	1
1818	68 1/3	10	65 7/10	~	6	3	1	~	~	~	11	7	1
1819	70 1/3	11	66 1/11	1	~	6	1	1	~	~	11	8	1
1820	69 2/3	12	66 5/12	~	10	7	1	1	1	~	11	7	1
1821	66 2/3	13	66 6/13	~	9	~	~	1	~	~	11	5	1
1822	68 1/3	14	66 8/14	1	1	1	1	~	~	~	11	6	1
1823	67 1/6	15	66 9/15	~	6	2	1	1	~	~	11	3	~
	999 1/3			14	1	6	~	1	~				
~	~	~	~										

Summer.

40	80	Snow. feet	inch	10	20	40	80	Snow. feet	inch	10	20	40	80
~	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
1	~	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
1	1	~	~	~	~	~	~	~	~	~	~	~	~
1	1	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	~	~	~	~	~	~	~	~	~	~	~	~	~
~	1	~	~	~	~	~	~	~	~	~	~	~	~
~	~												

Years	Heat	100 years	Heat	Autumn. Rain. feet	inch	10	20	40	80	Rain. feet	inch	10	Snow. 20	40	80	Snow. feet	inch	10	20	40	80
1809	50 2/3	1	50 2/3	~	3	4	1	~	~	~	3	4	1	~	~	~	7	~	1	~	~
1810	46 1/2	2.	48 1/2	~	9	8	~	~	~	~	6	6	~	1	~	~	1	5	~	1	~	~
1811	49 3/4	3	48 2/3	1	1	2	~	1	~	~	8	4	1	+	1	~	4	1	~	~	~	~
1812	46 2/3	4	48 1/3	5	5	1	~	1	1	~	7	9	~	~	~	~	7	~	~	~	~	~
1813	49 1/3	5	48 2/5	1	1	5	1	~	~	~	9	~	~	1	~	~	5	5	~	~	~	~
1814	46	6	48	~	8	2	~	1	~	~	8	9	~	1	~	~	7	5	~	~	~	~
1815	47	7	47 6/7	~	7	4	+	+	+	~	8	9	~	1	~	~	~	~	~	~	~	~
1816	47 2/3	8	47 7/8	~	8	7	1	1	1	~	8	7	~	~	~	~	8	5	~	~	~	~
1817	46 1/3	9	47 2/3	1	3	5	1	~	~	~	9	4	1	~	1	~	2	1	~	~	~	~
1818	48 1/3	10	47 8/10	1	1	2	1	~	~	~	9	8	~	1	~	~	7	1	~	~	~	~
1819	48 7/11	11	47 9/11	+	9	7	+	~	+	~	9	7	1	~	1	~	2	1	~	~	~	~
1820	46 2/3	12	47 2/3	1	1	5	1	1	1	~	10	~	1	1	1	~	10	1	~	~	~	~
1821	47 1/3	13	47 9/13	1	1	6	~	~	1	~	10	3	1	~	1	~	6	1	1	~	~	~
1822	49 2/3	14	47 13/14	~	9	2	1	~	~	~	9	9	1	~	1	~	~	~	~	~	~	~
1823	44	15	47 14/15	~	5	6	~	~	~	~	9	9	1	~	1	~	4	6	~	~	~	~
	713 1/3			12	5	3	1	~	1							6	1	3	~	1	~	
v	v	v	v																			

Years	Heat	No of years	Heat	The Year. Rain feet	inch	10	20	40	80	Rain, Average feet	inch	10
1809	47	1	47	3	4	8	1	–	–	3	4	8
1810	45 1/4	2	46 1/8	2	7	9	–	1	1	3	–	3
1811	46 1/3	3	46	2	7	6	–	–	1	2	10	8
1812	42 2/3	4	45 1/3	2	9	7	–	–	1	2	10	7
1813	44 3/4	5	45 1/5	2	8	7	1	–	–	2	10	1
1814	44 2/3	6	45.	3	2	6	–	–	–	2	10	9
1815	43 2/12	7	44 6/7	2	3	3	–	–	1	2	9	8
1816	43 1/12	8	44 5/8	2	2	6	–	–	–	2	8	9
1817	43 1/6	9	44 5/9	3	8	1	1	1	–	2	10	1
1818	44 1/6	10	44 4/10	3	2	9	1	1	1	2	10	6
1819	46 1/6	11	44 6/11	3	1	5	–	1	1	2	10	9
1820	44 10/24	12	44 7/12	2	8	9	–	1	1	2	10	7
1821	44 1/4	13	44 8/13	2	11	8	1	–	1	2	10	8
1822	46	14	44 10/14	2	5	7	–	–	–	2	10	6
1823	42 2/3	15	44 7/15	1	11	5	1	–	–	2	9	8
	512 2/3			42	4	1	–	1	–			

The Year. Snow feet	inch	10	20	40	80	Snow Average feet	inch	10	20	40	80.
6	9	1	1	–	–	6	9	1	1	–	–
7	4	1	–	1	–	7	–	7	–	1	1
5	1	6	1	1	–	6	4	9	1	–	1
7	1	2	–	–	–	6	7	–	–	1	–
6	5	–	1	–	–	6	6	6	–	1	1
4	5	–	–	1	–	6	2	3	1	–	1
7	8	6	–	–	1	6	4	9	1	1	–
5	3	2	–	–	–	6	3	2	1	–	–
7	–	–	–	–	–	6	4	2	1	1	–
8	10	2	–	–	–	6	7	2	1	–	1
8	10	1	–	–	–	6	9	6	1	–	1
8	6	8	–	–	–	6	11	4	1	1	–
8	1	6	1	–	–	7	–	5	1	–	1
3	8	9	–	–	–	6	10	6	1	–	1
9	–	6	–	–	–	6	11	4	1	1	–
104	4	2	1	1	1						

Table, No
II.

An account of how high & how low the thermometer was each month & in each year.

January.				February.			
Year	highest	lowest	Range	Year	highest	lowest	Range
1809	41	8	49	1809	38	8	30
1810	44	11 below 0	55	1810	63	9 below 0	74
1811	52	8 ditto	60	1811	44	6 ditto	50
1812	44	14 ditto	58	1812	44	8 ditto	52
1813	42	14 ditto	56	1813	46	8 ditto	54
1814	39	8 ditto	47	1814	49	7 ditto	56
1815	43	15 ditto	58	1815	50	5 ditto	55
1816	45	5 ditto	50	1816	49	12 ditto	61
1817	48	12 ditto	60	1817	45	19 ditto	64
1818	42	13 ditto	55	1818	51	21 ditto	72
1819	53	8 ditto	61	1819	58	6	52
1820	32	5 ditto	37	1820	50	8 below 0	58
1821	53	19 ditto	72	1821	48	0	48
1822	47	14 ditto	61	1822	56	2 below 0	58
1823	49	8 ditto	57	1823	39	9 below	48
✓	✓	✓	✓	✓	✓	✓	✓

XXXVIII.

March				April.				May.				June.			
year	highest	lowest	Range	year	highest	lowest	Range	year	highest	lowest	Range	year	highest	lowest	Range
1809	48	12	36	1809	65	31.	34	1809	72	43	29	1809	79	50	29
1810	55	5	50	1810	72	25	47	1810	90	33	57	1810	85	43	42
1811	65	10	55	1811	73	18	55	1811	78	31	47	1811	90	50	40
1812	51	4 below	55	1812	71	25	46	1812	83	32	51	1812	88	40	48
1813	58	5 ditto	63	1813	69	25	44	1813	75	32	43	1813	88	45	43
1814	60	4 ditto	64	1814	85	25	60	1814	86	56	30	1814	81	44	37
1815	56	1 ditto	57	1815	78	20	58	1815	79	33	46	1815	84	48	36
1816	54	7 ditto	61	1816	79	16	63	1816	78	30	48	1816	94	38	56
1817	51	3	48	1817	72	20	52	1817	77	32	45	1817	83	40	43
1818	63	4	59	1818	67	26	41	1818	85	38	47	1818	93	46	47
1819	52	9	43	1819	72	11	61	1819	80	37	43	1819	91	48	43
1820	66	2	64	1820	76	16	60	1820	77	34	43	1820	94	51	43
1821	55	3	52	1821	72	20	52	1821	80	34	46	1821	91	46	45
1822	61	10	51	1822	69	20	49	1822	87	40	47	1822	88	49	39
1823	52	7 below	59	1823	70	19	51	1823	82	32	50	1823	92	45	37
″	″	″	″	″	″	″	″	″	″	″	″	″	″	″	″

XXXIX

XL

year	July highest	lowest	range	year	August highest	lowest	range
1809	86	53	33	1809	82	56	26
1810	82	54	28	1810	82	47	35
1811	95	50	45	1811	95	53	42
1812	88	54	34	1812	84	48	36
1813	90	54	36	1813	89	48	41
1814	84	49	35	1814	84	43	41
1815	91	55	36	1815	90	48	42
1816	84	44	40	1816	86	38	48
1817	91	53	38	1817	84	48	36
1818	92	56	36	1818	86	48	38
1819	94	55	39	1819	94	42	52
1820	93	56	37	1820	92	49	43
1821	93	52	41	1821	95	49	46
1822	92	52	40	1822	90	45	45
1823	93	53	40	1823	88	46	42
	✓	✓	✓		✓	✓	✓

XLI

year	September highest	lowest	range	year	October highest	lowest	range
1809	77	46	31	1809	82	38	44
1810	79	37	42	1810	78	19	59
1811	89	39	50	1811	84	22	62
1812	82	32	50	1812	80	25	55
1813	90	42	48	1813	69	20	49
1814	86	37	49	1814	74	22	52
1815	80	39	41	1815	74	20	54
1816	76	30	46	1816	73	31	42
1817	86	32	54	1817	73	19	54
1818	82	37	45	1818	72	24	48
1819	91	39	52	1819	82	22	60
1820	91	31	60	1820	72	23	49
1821	85	38	47	1821	71	25	46
1822	84	31	53	1822	74	25	49
1823	83	29	54	1823	80	25	55
	✓	✓	✓		✓	✓	✓

November.				December.				The Year.			
year	highest	lowest	range	year	highest	lowest	range	year	highest	lowest	range
1809	61	19	42	1809	60	14	46	1809	86	8	78
1810	59	14	45	1810	50	3	47	1810	90	11 below 0	101
1811	58	12	46	1811	54	1	53	1811	95	8 ditto	103
1812	47	10 below 0	57	1812	42	2 below 0	44	1812	88	14 ditto	102
1813	63	23	40	1813	44	0	44	1813	90	14 ditto	104
1814	62	10	52	1814	40	9 below 0	49	1814	86	9 ditto	95
1815	80	17	63	1815	47	2 ditto	49	1815	91	15 ditto	106
1816	67	6	61	1816	54	5	49	1816	94	12 ditto	106
1817	71	10	61	1817	51	2	49	1817	91	19 ditto	110
1818	62	20	42	1818	50	4 below 0	54	1818	93	21 ditto	114
1819	61	19	42	1819	58	5 ditto	63	1819	94	8 ditto	102
1820	56	6	50	1820	42	5 ditto	47	1820	94	8 ditto	102
1821	57	17	40	1821	43	3 ditto	46	1821	95	19 ditto	114
1822	62	20	42	1822	67	1	66	1822	90	14 ditto	104
1823	55	7	48	1823	47	5	42	1823	93	9 ditto	101
✓	✓	✓	✓	✓	✓	✓	✓				

XLIV.

Table No. III.

A table of fair & cloudy ~~weather~~ days - day in it was foggy, snow, rain, hail, thunder, & lightning, in each month & year.

XLV.

January.

year	Fair	cloudy	fogg	Snow	rain	hail	thunder	lightning
1809	19	12	~	9	4	1	~	~
1810	14	17	3	5	7	~	~	~
1811	14	17	4	7	5	~	~	~
1812	11	20	2	9	4	~	~	~
1813	16	15	2	7	3	2	~	~
1814	19	12	~	6	~	~	~	~
1815	16	15	1	12	5	~	~	~
1816	19	12	1	7	2	~	~	~
1817	19	12	~	12	5	~	1	1
1818	19	12	~	7	2	~	~	~
1819	17	14	1	5	5	~	~	~
1820	19	12	~	9	1	1	~	~
1821	21	10	1	9	1	~	~	~
1822	18	13	1	6	4	5	~	~
1823	18	13	2	11	4	2	~	~
	259	206	18	121	52	11	1	1
✓	✓	✓	✓	✓	✓	✓	✓	✓

XLVI.

February.

year	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	13	15	2	8	1	~	~	~
1810	16	12	4	1	5	~	~	~
1811	7	21	~	14	4	~	~	~
1812	12	17	1	9	2	~	~	~
1813	14	14	2	7	3	~	~	~
1814	11	17	4	8	5	1	~	~
1815	14	14	1	7	2	1	~	~
1816	16	13	3	6	5	~	~	~
1817	14	14	~	8	1	~	~	~
1818	19	9	~	8	2	~	~	1
1819	16	12	2	9	3	~	~	~
1820	17	12	5	7	7	1	~	~
1821	10	18	1	10	6	1	~	~
1822	16	12	1	9	2	~	1	1
1823	16	12	~	7	1	1	~	~
∨	211	212	26	118	49	5	1	2

XLVII.

March.

year	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	18	13	2	8	2	1	~	~
1810	14	17	1	11	7	1	2	1
1811	20	11	3	4	5	~	~	2
1812	19	12	~	6	5	2	~	~
1813	16	15	2	8	5	~	~	~
1814	22	17	2	5	3	~	+	~
1815	15	16	2	7	6	~	~	~
1816	22	9	5	6	6	~	1	1
1817	19	12	~	5	4	1	~	2
1818	21	10	2	4	6	2	~	~
1819	20	11	2	11	4	2	1	1
1820	20	11	2	6	5	3	~	1
1821	21	10	~	7	6	~	2	1
1822	21	10	1	4	3	1	~	~
1823	14	17	3	10	7	1	~	~
∨	282	183	25	102	74	14	6	9

April.

year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	18	12	2	2	5	2	2	2
1810	17	13	5	2	5	~	5	2
1811	13	17	3	1	7	~	1	1
1812	15	15	1	2	8	~	~	~
1813	15	15	~	~	11	1	2	1
1814	18	12	6	2	8	~	1	~
1815	16	14	2	4	13	1	2	2
1816	19	11	1	1	6	~	1	1
1817	18	12	1	3	8	1	~	1
1818	9	21	1	9	15	3	~	~
1819	14	16	3	2	10	1	~	~
1820	22	8	1	1	6	~	1	1
1821	18	12	1	5	6	1	2	1
1822	12	18	2	6	15	2	~	~
1823	18	12	4	2	7	~	13	12
∨	242	288	33	42	130	12	∨	∨
	∨	∨	∨	∨	∨	∨		

May

year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	20	11	3	~	14	~	2	2
1810	18	13	2	~	12	3	6	6
1811	20	11	2	~	10	~	2	1
1812	12	19	[illegible]	3	8	1	2	2
1813	11	20	[illegible]	~	14	1	2	1
1814	13	18	1	~	19	2	5	4
1815	21	10	7	2	13	1	1	1
1816	17	14	3	~	16	~	1	~
1817	25	6	2	~	5	~	1	~
1818	14	17	2	~	13	~	1	1
1819	16	15	7	~	18	1	2	2
1820	16	15	5	1	15	1	5	5
1821	21	10	7	1	15	~	5	1
1822	23	8	3	~	8	~	1	1
1823	18	13	7	1	12	~	2	~
∨	265	200	64	8	192	10	38	27
	∨	∨	∨	∨	∨	∨	∨	∨

L.

Genua.

year	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	18	12	6	~	14	1	5	4
1810	13	17	5	~	21	~	13	11
1811	18	12	~	~	7	~	2	3
1812	16	14	5	~	13	~	4	4
1813	19	11	5	~	12	~	4	3
1814	21	9	9	~	7	~	3	2
1815	21	9	4	~	10	~	2	2
1816	20	10	1	2	11	~	4	4
1817	20	10	3	~	13	~	2	1
1818	22	8	2	~	10	~	2	3
1819	25	5	3	~	13	3	11	10
1820	24	6	7	~	5	~	4	5
1821	18	12	8	~	7	~	2	4
1822	22	8	8	~	10	~	4	5
1823	24	6	2	~	7	~	3	3
	301	149	68	2	160	4	65	64
	v	v	v	v	v	v	v	v

Italy

L1.

year	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	20	11	5	~	15	1	6	6
1810	15	16	6	~	10	~	5	5
1811	19	12	2	~	9	~	6	4
1812	15	16	9	~	16	~	11	11
1813	19	12	1	~	13	~	9	10
1814	25	6	2	~	10	~	2	2
1815	22	9	7	~	7	~	7	10
1816	26	5	2	~	6	~	2	3
1817	25	6	1	~	8	~	4	1
1818	21	10	7	~	11	~	4	8
1819	26	5	10	~	11	~	7	7
1820	25	6	8	~	10	~	15	12
1821	26	5	9	~	12	~	4	3
1822	22	9	8	~	13	1	11	8
1823	22	9	8	~	12	~	7	5
	328	137	85	~	163	2	100	95
	v	v	v	v	v	v	v	v

L11

August

year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	21	10	3	~	12	~	4	6
1810	16	15	6	~	17	~	5	7
1811	21	10	4	~	10	~	6	3
1812	18	13	7	~	12	~	1	1
1813	28	3	~	~	5	~	5	4
1814	18	13	2	~	11	~	5	7
1815	14	17	5	~	18	1	7	9
1816	23	8	7	~	11	~	5	6
1817	16	15	8	~	9	~	2	5
1818	27	4	5	~	5	~	2	3
1819	25	6	5	~	10	~	6	7
1820	24	7	7	~	9	~	6	4
1821	24	7	7	~	8	~	6	7
1822	25	6	12	~	8	~	6	6
1823	21	10	13	~	12	~	8	10
	321	144	91	~	157	1	74	85
″	″	″	″	″	″	″	″	″

L111

September

year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	26	4	~	~	5	~	~	3
1810	18	12	~	~	12	~	2	5
1811	22	8	1	~	6	~	1	2
1812	21	9	~	~	7	~	2	2
1813	21	9	1	~	10	~	3	6
1814	19	11	2	~	14	~	2	2
1815	20	10	2	~	12	~	4	5
1816	23	7	4	~	4	~	1	1
1817	21	9	7	~	10	~	3	5
1818	18	12	4	~	13	~	2	4
1819	18	12	9	~	9	~	3	3
1820	26	4	8	~	5	~	2	2
1821	21	9	7	~	11	~	2	1
1822	22	8	9	~	10	~	3	3
1823	24	6	7	~	7	~	2	1
	320	130	61	~	135	~	32	45
″	″	″	″	″	″	″	″	″

October.

Year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	21	10	5	~	7	~	1	2
1810	20	11	6	~	7	~	1	1
1811	12	19	5	2	15	1	1	2
1812	17	14	4	1	13	2	~	~
1813	16	15	1	~	11	~	~	1
1814	20	11	5	~	5	~	1	2
1815	19	12	1	~	9	~	3	1
1816	19	12	5	1	12	1	~	~
1817	25	6	7	+	5	1	~	~
1818	21	10	7	1	4	~	1	1
1819	16	15	3	2	9	~	2	2
1820	18	13	9	2	12	1	1	1
1821	24	7	10	1	6	~	~	~
1822	19	12	8	~	8	1	1	~
1823	19	12	3	1	9	1	1	2
	286	179	79	11	132	8	13	15
	✓	✓	✓	✓	✓	✓	✓	✓

November.

Year	fair	cloudy	fogg	snow	rain	hail	thunder	lightning
1809	15	15	1	8	7	1	~	~
1810	13	17	6	3	12	~	~	~
1811	16	14	3	1	9	~	~	~
1812	16	14	2	5	2	~	~	~
1813	16	14	6	3	6	1	~	~
1814	12	18	4	3	12	1	~	~
1815	16	14	2	~	9	~	~	~
1816	13	17	3	5	10	1	~	~
1817	17	13	3	3	9	2	~	~
1818	17	13	1	4	8	~	~	~
1819	16	14	8	4	5	1	~	~
1820	16	14	4	3	8	2	~	1
1821	11	19	5	6	11	~	1	~
1822	19	11	5	1	9	1	~	~
1823	14	16	2	4	8	~	~	~
	227	223	55	53	125	10	1	1
✓	✓	✓	✓	✓	✓	✓	✓	✓

December.

year	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	13	18	4	8	12	~	~	~
1810	16	15	3	6	3	~	1	1
1811	15	16	1	4	6	~	~	~
1812	12	19	2	8	6	1	~	~
1813	21	10	1	6	3	1	1	1
1814	21	10	~	5	2	~	~	~
1815	18	13	2	6	5	1	~	~
1816	22	9	1	3	3	~	~	~
1817	15	16	2	7	5	2	~	~
1818	19	12	1	6	3	~	~	~
1819	22	9	1	10	3	~	~	~
1820	18	13	~	10	3	2	~	~
1821	15	16	2	9	5	~	~	~
1822	22	9	3	6	2	~	~	~
1823	17	14	2	6	7	~	~	~
	266	199	25	100	68	7	2	2
	″	″	″	″	″	″	″	″

Years.

years	fair	cloudy	foggy	snow	rain	hail	thunder	lightning
1809	222	143	33	43	98	7	20	25
1810	190	175	47	28	118	5	36	39
1811	197	168	28	33	93	1	19	18
1812	184	182	37	43	96	6	20	20
1813	212	153	24	31	96	6	26	27
1814	219	146	47	29	96	4	19	19
1815	212	153	29	38	109	5	26	30
1816	239	127	36	33	92	2	15	16
1817	234	131	34	38	82	7	13	16
1818	227	138	32	39	92	5	12	21
1819	231	134	52	43	100	8	32	32
1820	245	121	56	39	86	11	33	31
1821	230	135	58	48	94	2	23	18
1822	241	124	61	32	72	11	29	25
1823	225	140	53	42	93	5	23	20
	3308	2170	627	559	1417	85	346	357
″	″	″	″	″	″	″	″	″

Table
No
IV.

Table of the course of the wind each month & year.

The wind usually varies every day, & sometimes so often as to render it difficult to decide from what point it was longest.

January.

Year	West	S.W.	S.S.	S.E.	N.E.	N.E.	N.	N.W.
1809	2	4	–	–	–	8	–	17
1810	2	8	8	2	–	4	–	7
1811	2	1	–	1	–	9	7	11
1812	3	4	–	–	–	7	3	14
1813	–	10	–	–	–	6	–	15
1814	2	6	1	1	1	4	2	14
1815	–	4	–	–	2	8	2	15
1816	–	6	1	4	–	7	1	12
1817	4	3	1	3	–	5	1	14
1818	4	6	3	–	3	5	–	10
1819	–	13	2	3	–	3	–	10
1820	4	5	–	–	–	7	–	15
1821	1	17	–	–	–	4	–	9
1822	1	11	1	1	3	4	–	10
1823	–	10	–	–	–	7	–	14
	25	108	17	15	9	88	16	187

V

LX.

February.

Year	W	SW	S	SE	E	NE	N	NW
1809	~	7	~	~	~	5	~	16
1810	1	7	4	4	~	1	~	11
1811	2	4	3	~	1	9	5	4
1812	4	5	1	2	1	7	~	9
1813	1	12	~	1	~	6	1	7
1814	3	5	2	~	3	3	1	11
1815	1	5	1	~	~	7	~	14
1816	3	7	~	1	~	6	~	12
1817	2	3	~	1	1	7	1	13
1818	3	7	2	~	2	3	1	10
1819	~	10	~	5	~	3	~	10
1820	1	8	~	5	1	5	1	8
1821	3	6	3	3	~	6	~	7
1822	~	8	3	2	3	5	1	6
1823	1	4	~	~	~	7	1	15
V	25	98	19	24	12	80	12	153

LXI

March

Year	W	SW	S	SE	E	NE	N	NW
1809	~	8	~	~	~	6	2	15
1810	5	4	5	5	2	~	1	9
1811	1	12	~	3	2	4	1	8
1812	1	5	1	1	1	13	2	7
1813	2	5	3	~	~	9	1	11
1814	1	5	~	1	1	4	2	17
1815	2	8	1	2	1	6	2	9
1816	2	5	1	1	~	5	~	17
1817	~	7	~	1	~	8	2	13
1818	1	8	~	1	1	8	2	10
1819	~	8	~	2	~	9	~	12
1820	3	9	~	~	~	11	~	8
1821	2	11	~	3	~	4	~	11
1822	1	10	1	3	1	9	~	6
1823	2	10	~	~	~	9	~	10
V	23	115	12	23	9	105	15	163

April

year	W	SW	S	SE	E	NE	N	N.W
1809	1	8	~	2	~	6	~	13
1810	~	2	2	13	7	2	2	2
1811	~	4	5	5	2	4	2	8
1812	~	6	1	5	1	9	1	7
1813	2	3	3	2	4	9	~	7
1814	2	6	1	5	4	6	1	5
1815	~	6	1	1	4	7	3	8
1816	1	6	2	1	2	5	1	12
1817	2	4	1	1	2	3	1	16
1818	~	6	1	3	1	14	1	4
1819	~	4	~	8	~	9	~	9
1820	4	3	2	6	1	5	1	8
1821	1	9	1	1	~	7	~	11
1822	~	9	1	5	5	5	~	5
1823	~	14	~	3	~	5	1	7
	13	90	21	61	33	96	14	122

V

May

year	W	SW	S	SE	E	NE	N	NW
1809	~	7	1	7	1	4	1	10
1810	4	4	3	8	2	1	~	9
1811	3	5	3	2	1	5	1	11
1812	1	2	5	3	2	9	1	8
1813	1	3	~	7	2	13	1	4
1814	~	2	1	8	6	4	~	10
1815	3	4	~	5	2	3	~	14
1816	1	8	1	2	5	~	~	14
1817	1	5	9	1	2	3	3	7
1818	1	11	3	7	1	5	~	3
1819	~	2	2	9	3	9	~	6
1820	1	6	2	5	~	11	~	6
1821	~	11	2	6	~	5	~	7
1822	4	11	~	1	1	1	~	13
1823	4	4	3	~	1	11	1	11
	20	85	35	71	29	84	8	133

V

LXIV.

June

year	W	SW	S	SE	E	NE	N	NW
1809	1	3	–	15	1	4	–	6
1810	2	1	6	10	4	5	1	1
1811	2	6	2	9	1	3	3	4
1812	4	3	2	6	4	3	2	6
1813	1	4	3	10	2	1	–	9
1814	1	1	3	13	2	6	–	4
1815	2	6	–	4	3	1	–	14
1816	4	6	–	2	–	6	–	12
1817	4	4	1	1	3	6	–	11
1818	4	10	2	–	–	3	3	8
1819	–	10	–	6	–	5	–	9
1820	3	4	2	10	–	2	–	9
1821	–	9	2	4	3	7	1	4
1822	1	4	–	5	–	4	–	16
1823	1	7	1	4	–	2	2	13
V	30	78	24	99	23	58	12	126

July

year	W	SW	S	SE	E	NE	N	NW
1809	2	4	3	10	1	5	–	6
1810	3	9	3	7	3	–	1	5
1811	4	7	9	1	1	3		6
1812	3	5	2	3	4	2	1	11
1813	1	10	6	3	2	–	–	9
1814	3	4	3	5	2	1	1	12
1815	4	11	5	4	–	–	–	7
1816	1	9	2	4	1	3	–	11
1817	1	9	7	6	1	–	–	7
1818	1	11	8	5	–	1	–	5
1819	–	15	–	4	–	3	–	9
1820	2	10	1	4	–	1	–	4
1821	1	9	2	7	3	3	–	6
1822	–	4	1	3	–	9	–	14
1823	–	16	–	2	1	5	–	7
V	26	142	52	68	19	36	3	119

LXVI.

August.

year	W	SW	S	SE	E	NE	N.	NW.
1809	1	1	4	20	1	1	~	3
1810	~	8	10	4	2	3	~	4
1811	4	8	4	4	~	1	~	10
1812	3	4	1	2	2	7	3	9
1813	6	7	4	~	2	~	~	12
1814	1	9	2	5	2	3	2	7
1815	~	3	1	8	2	2	1	14
1816	~	9	3	4	1	3	3	8
1817	1	6	8	9	~	4	~	3
1818	1	9	3	9	~	~	~	9
1819	2	13	~	~	2	6	~	8
1820	1	10	4	7	~	3	~	6
1821	1	10	1	4	2	4	~	9
1822	~	7	~	3	~	10	~	11
1823	4	16	~	1	~	3	~	7
	25	120	45	80	16	50	9	128

LXVII.

September.

year	W	SW	S	SE	E	NE	N.	NW
1809	~	2	3	16	~	1	~	8
1810	3	6	3	1	~	8	2	7
1811	2	9	3	6	2	~	~	8
1812	1	7	3	~	2	6	~	11
1813	2	14	3	5	1	6	~	9
1814	3	8	2	2	3	8	1	3
1815	2	7	~	4	~	8	2	7
1816	1	11	1	1	~	8	~	8
1817	2	3	7	5	3	4	1	5
1818	~	5	6	~	~	8	~	11
1819	~	13	1	4	1	7	~	4
1820	2	16	1	2	~	5	1	3
1821	~	11	1	4	2	3	1	8
1822	2	14	~	1	~	1	~	12
1823	~	8	1	3	~	10	~	8
	20	124	35	54	14	83	8	112

V

LVIII.

October

year	W	SW	S	SE	E	NE	N	NW
1809	~	5	3	17	2	3	~	1
1810	2	6	4	2	~	3	1	13
1811	~	5	5	4	2	5	~	10
1812	5	6	1	2	1	3	1	12
1813	2	~	7	7	~	3	1	11
1814	4	9	3	2	3	~	1	9
1815	3	5	~	6	1	4	~	12
1816	~	10	1	4	4	2	~	10
1817	3	7	6	1	1	2	~	11
1818	~	12	3	5	~	4	1	6
1819	3	14	1	1	~	2	~	10
1820	3	11	2	~	~	7	~	8
1821	3	10	~	3	1	4	~	10
1822	1	7	~	1	~	9	1	12
1823	~	13	~	~	~	5	1	12
	29	120	36	55	15	56	7	147

LIX.

November.

year	W	SW	S	SE	E	NE	N	NW
1809	1	5	1	9	~	5	1	8
1810	3	5	~	2	2	9	2	7
1811	4	5	1	3	2	4	1	10
1812	~	4	3	~	~	1	2	20
1813	3	9	1	1	~	8	1	7
1814	1	7	1	1	1	9	2	8
1815	3	8	2	1	~	10	1	5
1816	2	7	~	3	~	4	1	13
1817	1	5	6	2	1	7	~	8
1818	~	11	1	4	1	1	~	12
1819	1	8	~	~	~	7	1	13
1820	3	8	1	3	~	4	~	11
1821	1	11	~	5	~	6	~	7
1822	1	7	~	~	~	9	~	13
1823	1	8	~	~	~	7	~	14
	25	108	17	34	7	91	12	156

December.

Years	W	SW	S	SE	E	NE	N	NW
1809	5	8	~	3	3	6	1	5
1810	6	8	~	1	~	6	~	10
1811	9	5	1	1	5	~	~	10
1812	1	6	1	~	~	4	3	16
1813	2	4	2	~	1	6	~	16
1814	1	5	~	1	1	5	1	17
1815	2	7	1	~	1	7	2	11
1816	2	11	~	~	~	4	1	13
1817	2	8	4	~	4	5	~	8
1818	~	12	~	3	1	4	~	11
1819	3	10	~	~	~	1	~	17
1820	1	7	~	1	2	8	~	12
1821	3	11	1	~	1	7	~	8
1822	3	12	~	~	~	4	~	12
1823	1	14	~	~	~	6	~	10
	41	128	10	10	19	73	8	176

V

The years.

Years	W	SW	S	SE	E	NE	N	NW
1809	13	62	15	99	9	54	5	108
1810	31	68	48	59	22	42	10	85
1811	33	71	36	39	19	47	20	100
1812	26	57	21	24	18	71	19	130
1813	23	71	32	36	14	67	5	117
1814	22	67	19	44	29	53	14	117
1815	22	74	12	35	16	63	13	130
1816	17	95	12	27	13	53	7	142
1817	23	64	50	31	18	54	9	116
1818	15	108	32	37	10	56	8	99
1819	9	120	6	42	6	64	1	117
1820	28	106	15	43	4	69	3	98
1821	16	125	13	40	12	60	2	97
1822	14	104	7	25	13	70	2	130
1823	10	124	5	13	2	77	6	128
	302	1316	323	594	205	900	124	1714

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