

March. 23<sup>d</sup> Plentiful white 1820

Frost & some Ice this morning. A  
pleasant warm Day. Wind S.W.

24<sup>th</sup> Little white frost this morning  
warm pleasant spring day. Canada  
Goose passing northerly. Red sun, Pr  
persica, sweet Violet, in flower

25<sup>th</sup> No frost. Red sun, clear warm, like summer

26<sup>th</sup> Same warm pleasant spring weather  
Daphne mezereum in bloom, Pappilio  
caiope, appear. Red maple in flower  
and likewise Elm.

27<sup>th</sup> Same warm growing weather  
Geese & Ducks passing northerly  
great Carolina Wren arrived  
Land Frog chatters

28<sup>th</sup> Clear pleasantly cool, wind N.W.

29<sup>th</sup> Cloudy & cool wind N.W.

30<sup>th</sup> Hard frost this morning, pond frozen  
& over freezing shade most of the day

31<sup>st</sup> Cloudy & blustering wind southerly  
April 1<sup>st</sup> morning cloudy & windy  
wind W. afternoon milder evening  
& cloudy wind easterly.

2<sup>d</sup> Snowy all day wind N.E. 4 inches deep

3<sup>d</sup> Cold freezing day wind northerly

April 4<sup>th</sup> Froze hard last night 1822  
this morning ice on the pond 4 inch thick;  
a bright aurora (northern light) about 20  
o'clock last night, but did not continue long  
afternoon wind southerly warm & thawing  
the snow nearly melted.

5<sup>th</sup> Frost & ice this morning; skilly disagreeable  
weather, some sunshine, wind variable

6<sup>th</sup> Cold clear morning wind N.W.

7<sup>th</sup> Moderate fair, cleared at west to-  
ward evening, wind W.

8<sup>th</sup> Forenoon clear, white frost this morning  
pleasant day. Evening cloudy in west.

11<sup>th</sup> The wind arrived from south.

9<sup>th</sup> Cool windy day N.W.

10<sup>th</sup> Some ice on ponds this morning, After-  
noon moderate and pleasant wind N.W.

11<sup>th</sup> Pleasant, warm, spring weather  
wind S. blue bird, house sparrow  
building their nests.

12<sup>th</sup> Warm spring weather, red sun Red bird  
Impatiens noli tangere, vegetates from seed.

13<sup>th</sup> Clear & cool wind N.W. Martins  
and barn swallow arrived

14<sup>th</sup> Some frost this morning clear  
warm day, wind S. Ants Formica  
awakened from their winter sleep &  
at work.



1890.  
April 15<sup>th</sup> Cloudy, with some rain  
and Thunder wind N.E. House Sparrow  
little grey squeaking Flycatcher, yellow lumpy  
great brown Thrush. Anemone hepatica  
An. Chalcetroides in flower.

16<sup>th</sup>. Smoky Sun, warm pleasant day, but  
very dry. Brant Geese passing notherly

17<sup>th</sup>. Same, Drouth Springs & rivulets drying

18<sup>th</sup>. Plentiful white frost this morning,  
forenoon moderate and pleasant, after-  
noon cloudy from west. Mocking bird ar-  
-rived from south. Caught a male one in a  
trap cage, bated by a female one.

19<sup>th</sup>. Some rain this morning from S.W after  
the shower a complete Rain bow in the West  
a warm day forenoon clear, evening cloudy.

20<sup>th</sup>. Morning clear forenoon very warm, after-  
noon clouded at west, a light shower towards  
evening, some thunder, caught another Mocking bird  
in trap cage. Shad 38 p: hundred in market

21<sup>st</sup>. Some dew this morning, clear smoky hot day.  
Therm. 86 to go in shade, & in current of Air.

22<sup>o</sup>. Forenoon cloudy & cool wind N.E. evening  
clear smoky sun, sets red.

23<sup>o</sup>. Same wind N.W cool evening. Oriolus spurius.  
Maryland Yellowthroat & several Sylvia  
arrived.

April 24<sup>th</sup> Morning cloudy some mist  
cleared before noon, evening serene, wind E.  
Summer yellow bird (*Sylvia estivalis*), *Muscicapa*  
*riticilla*, *Tringa macularia*, & some others arrived.

25<sup>th</sup> Same

26<sup>th</sup> A light rain this morning, scarcely enough  
to lay the dust, a hot day, evening cooler  
wind E. *Quercus baltimora*, Humming bird  
Warbling Flycatcher

27<sup>th</sup> Cloudy and drizzling rain wind boisterous  
from N.E. cold. Catbird arrived. *Cercis*  
*canadensis*. *Tilia* in flower

28<sup>th</sup> Morning cloudy, cleared about 9 o'clock  
wind N.E. + pleasant cool day.

29<sup>th</sup> Cloudy, cool with little sunshine wind N.E.

30<sup>th</sup> Cloudy & cool morning some hoar  
frost - a hot day wind N.W.

May 1<sup>st</sup> Morning clear & cool, midday hot  
wind westerly. Red head wood pecker.  
*Aquilegia canadensis*, *Cornus florida*  
in flower. No rain to moisten the Earth.

2<sup>nd</sup> Morning cool, midday hot clear wind N.E.

3<sup>rd</sup> Morning clear & cool some white frost  
Midday hot afternoon cloudy wind N.W.

4<sup>th</sup> Clear and cool wind N.W. Cuckoo arrived  
*Azaleas* in flower. Drought severe,  
no hopes of crops of Hay.



May 5<sup>th</sup> Morning clear & cool 1890.  
afternoon cloudy wind high S.

6<sup>th</sup> A few drops of rain this morning  
Cloudy cool day wind E. evening cloudy in W.

7<sup>th</sup> Some rain last evening with some  
Thunder from west. to day cloudy & cool  
wind NE. May bird (Calandra)

8<sup>th</sup> Cloudy wind NE forenoon After  
noon clear & cloudy, a few drops of rain  
from W. Yellow breast Chat. Wood Pigeon  
warbling Flycatcher.

9<sup>th</sup> Morning clear & cold wind NW. afternoon  
moderate wind southerly. Blue Linnet, arrived.

10<sup>th</sup> Morning clear & cold for the season but no  
frost. Afternoon cloudy in west.

11<sup>th</sup> Some rain this morning from South  
mistling all day but no rain to saturate  
the dry thirsty Earth. *Verbena spinosum*

12<sup>th</sup> *Cornus sanguinea* *Laurus carolinensis* in flower.

12<sup>th</sup> Rained moderately during last night and a plentiful  
shower this morning from SW with lightning and  
Thunder. Cleared soon after Sun rise from NW. pleasant  
cool day Therm. 50 this evening. All summer-birds

13<sup>th</sup> of passage arrived. Night hawk (*Caprimulgus*)

Frequent light showers of rain last night. cleared  
soon after Sun rise. forenoon cool & windy from NW  
afternoon a plentiful shower of rain from west  
with some thunder. Evening serene.

14<sup>th</sup> Cloudy & windy with little sun shine. W.  
King bird arrived. uncommonly late in season

1820

- May 15<sup>th</sup> Clear cool wind N W.
- 16<sup>th</sup> Mistling, cool wind northerly, Ampelis feeding the blossoms of double flowering Cherry
- 17<sup>th</sup> Light Rains and mistling, forenoon N W evening W. more moderate
- 18<sup>th</sup> Cloudy drizzling rain wind Easterly sun shone out a few minutes at noon evening cloudy, warm, calm.
- 19<sup>th</sup> Same
- 20<sup>th</sup> Showery, little sun shine wind westerly.
- 21<sup>st</sup> Same. 2<sup>d</sup> Swarm Bees - silent
- 22<sup>d</sup> full showers of Rain wind S W. Cleared last night from N W. Morning cool Evening serene & moderate N W
- 23<sup>d</sup> Clear & moderately pleasant growing weather lye in head. wind W.
- 24<sup>th</sup> Forenoon clear & moderate, afternoon sultry and showery wind W.
- 25<sup>th</sup> Clear cool morning, midday hot wind N W.
- 26<sup>th</sup> Showery forenoon, afternoon mistling wind N E.
- 27<sup>th</sup> Clear cool, wind N W.
- 28<sup>th</sup> Same
- 29<sup>th</sup> Morning cloudy little sun afternoon and evening serene & moderate wind W.
- 30<sup>th</sup> Light rain & Fly. Some fog in morning forenoon clear, hot at noon evening showery from S W.



- 1820
- May 31. Showery last night & all this day N.E.
- June 1. Morning clear & cool wind N.E.  
 2. all day.
2. Morning clear, afternoon & evening cloudy N.W.
3. Forenoon cloudy Sun shone afternoon wind N.E.
4. Hot sultry day. Evening hazy at west 2d Sun. S.
5. Hot & sultry till noon afternoon showery with some thunder at west
6. Clear cool, pleasant, after a gentle shower of Rain from N.W. last night.
7. Clear & cool wind N.W.
8. Same: some clouds westward.
9. Clear and very warm at noon wind S. Therm. 90 in shade
10. Same; 90. midday. Evening cloudy in West
11. Rain wind N.E.
12. Same; gentle showers all day wind N.E.
13. Cleared last night. Clear, moderate pleasant day wind N.W.
14. Clear, moderate & pleasant wind N.W.
15. Same wind. W.
16. Light shower of rain this morning about day break. afterwards, clear & very warm Therm. 86 at 2 o'clock. wind N.W.
17. Some rain this morning. Afternoon clear & moderate. Wind N.E.

June 18<sup>th</sup> Clear & moderate wind NE. 1820

19<sup>th</sup> Same, hot at noon wind E. Therm 86.

20<sup>th</sup> Same hot till 3 o'clock Therm. 88. wind NW.

21<sup>st</sup> Same, scarce not a cloud to be seen, wind NW  
very warm, midday Therm. above 90.

22<sup>d</sup> Fore noon clear after a foggy morning  
afternoon cloudy & sultry, some thunder NW.  
Therm. 92.

23<sup>d</sup> Smoky sun, very warm Therm 93.

24<sup>th</sup> Same. Therm 95.

25<sup>th</sup> Morning foggy till 9 o'clock, clear  
and hot till 3 afternoon, clouded at west  
and rain with thunder, moderately till  
sunset. Therm 92 from 12 till 2 o'clock

26<sup>th</sup> Clear and pleasantly cool. Wind NW.

27<sup>th</sup> Clear and moderate Therm 80 wind NW.

28<sup>th</sup> Same.

29<sup>th</sup> Same. Therm 93.

30<sup>th</sup> Same. Therm. 96, 98, 100.

July 1<sup>st</sup> Same. 98. to 100

2. Forenoon hazy & sultry. Evening cloudy  
wind NE.

3 Same, cloudy or hazy, evening smoky  
red sun. Therm. 86.

4<sup>th</sup> Thick fog, & heavy dew this morning. hot  
sultry day, hazy & red sun. Therm. 96.



- July 5<sup>th</sup> Forenoon sultry & hot 1820,  
Therm. 99. at noon. evening moderate wind W.
- 6<sup>th</sup> Sultry hot Therm 100. evening cloudy  
on the west. Drought severe. the grass dry & burnt.
- 7<sup>th</sup> Sultry, some thunder cloud N W. but  
no rain. Therm. 93.
- 8<sup>th</sup> Same. A shower of rain from S E. Therm 94.
- 9<sup>th</sup> Sulby. afternoon cloudy in west. Therm 92.
- 10<sup>th</sup> Same. . . . . 90.
- 11<sup>th</sup> Hot and dry. grass in fields and pastures  
scorched by the heat of the sun. wind N E.
- 12<sup>th</sup> Same. Therm. 94
- 13<sup>th</sup> Same - - - 92. wind southerly.
- 14<sup>th</sup> Delightful showers of rain most of the day  
from S & West. Summer & Evening Locust.
- 15<sup>th</sup> Cool pleasant day. wind N W, in evening W.
- 16<sup>th</sup> Same.
- 17<sup>th</sup> Same. partial shower clouds round the  
horizon. a refreshing shower, passed over the city
- 18<sup>th</sup> A hot day, clouds round the horizon, no rain
- 19<sup>th</sup> Same
- 20<sup>th</sup> Cool & pleasant. after a moderate shower  
of rain last night. Therm. 86 at noon.
- 21<sup>th</sup> Showery wind S. Afternoon a heavy rain  
with thunder from west.
- 22<sup>th</sup> A cool pleasant day. wind N E.
- 23<sup>d</sup> Same. wind N E.
- 24<sup>th</sup> Same. cool & pleasant wind southerly
- 25<sup>th</sup> Same. but hot & dry



July 26<sup>th</sup>. Cloud, sultry Therm 38. 5720

27<sup>th</sup>. Same showery afternoon. 36.

28<sup>th</sup>. Same, some, light showers 38.

29<sup>th</sup>. Sultry and showery, all day wind S.

30<sup>th</sup>. Same. gentle showers of rain all day. S. S.W.

31<sup>st</sup>. Forenoon sultry. 12 O'clock a very heavy rain for an hour continuance, from S. W. showery till evening

August 1<sup>st</sup>. Forenoon clear and temperately cool. Sultry at noon Therm. 38. Afternoon cloudy from west, showers of Rain with much thunder and lightning.

2<sup>d</sup>. Clear cool pleasant, wind W.

3<sup>d</sup>. Same.

4. Morning foggy forenoon cloudy with little sunshiny afternoon some light showers of rain from S. W.

5. Forenoon cloudy & hazy, sun shone at mid day, very warm. Afternoon showery with Thunder from west. *Gordonia Frankleri* in flower.

6<sup>th</sup>. Cool morning wind NW. afternoon, cloudy and sultry. Katy-de-dit Graphopur (*Tetigonia*)

7<sup>th</sup>. Cloudy cool wind N.E.

8<sup>th</sup>. Same.

9<sup>th</sup>. Clear & moderate Therm. 36. wind N.W.

10<sup>th</sup>. Morning foggy. Clear hot day Therm. 90. N.W.

11<sup>th</sup>. Same Therm. 92.

12<sup>th</sup>. Same Therm. 96. wind S.W.



August 13<sup>th</sup> Sultry

1827.

14<sup>th</sup> A refreshing shower of Rain last night  
the cool pleasant day wind easterly.

15<sup>th</sup> Cloudy wind N.E. afternoon S.E. plentiful  
showers with continual thunder

16<sup>th</sup> Cloudy and showery, rather sultry wind N.E.  
A malignant fever in Philadelphia: above  
100 die in a week

17<sup>th</sup> Cool pleasant, wind N.W.

18<sup>th</sup> Same N.W.

19<sup>th</sup> Same N.W.

20<sup>th</sup> Same N.W.

21<sup>th</sup> Same wind easterly. Morning cool, sultry at noon

22<sup>th</sup> Same wind N.E. hot at noon Therm 82.

23<sup>th</sup> Same

24<sup>th</sup> Cloudy & sultry wind southerly. 80.

25<sup>th</sup> Clear, sultry. Therm 86 at 2<sup>o</sup> Clock.

26<sup>th</sup> Cloudy most of the day, towards evening  
a thunder shower from west.

27<sup>th</sup> Cloudy, cool wind variable

28<sup>th</sup> Morning cold, hazy all day wind N.E.

29<sup>th</sup> Clear, sultry at noon. Therm 80.

30<sup>th</sup> Same Therm. 82.

31<sup>st</sup> Same, want Rain 84.

Septembor 1<sup>st</sup> Rather cloudy  
& sultry forenoon. some expectation Rain  
in evening Therm. 84.

September 2. Cold morning wind N.W.  
Moderate pleasant day. Evening serene wind N.E.

3<sup>rd</sup> Morning cold. Fog over the water, clear & warm  
at noon evening serene.

4<sup>th</sup> Same. Therm. 80 at 2 o'clock

5<sup>th</sup> Same same warmth - Th. 83 P.

6<sup>th</sup> Same. no sign of rain. little pasture for cattle.

7<sup>th</sup> Same no rain. hot at noon, Therm 88, N.E.

8<sup>th</sup> Same Therm 86.

9<sup>th</sup> Same dry very warm. Therm 88 to 90  
malignant (yellow) Fever prevalent in the City

10<sup>th</sup> Same. Therm. 88.

11<sup>th</sup> Cloudy wind S.E. sultry Therm. 84. in  
12<sup>th</sup> evening flights of black birds piping over to  
their roosts in Jersey.

Last night & this morning we were favoured, I  
may say blessed with copious showers of rain,  
cleared about 10 o'clock from N.W. a cool day

13<sup>th</sup> Clear & moderate Therm 78 at noon.

14<sup>th</sup> Heavy fog this morning, cleared warm  
Therm 80 at noon Evening cloudy wind S.

15<sup>th</sup> Clear & moderate Therm 80. wind N.W.

16<sup>th</sup> Morning foggy over the river, clear warm day  
Therm 80.

17<sup>th</sup> Cloudy & misty this morning, cleared  
with the rising sun, hot day Therm 84  
wind southerly.

18<sup>th</sup> Same Therm. 80. Evening cloudy.



September 19<sup>th</sup> Light rains, wind NE. 1820.

20<sup>th</sup> Clear and cold, wind NE.

21<sup>st</sup> Same. Therm. 4 this morning at daylight

22<sup>nd</sup> Morning cold, midday warm evening  
cloudy at NW. NB. some white frost

23<sup>rd</sup> this morning.

Cloudy warm day wind southerly.

24<sup>th</sup> Clear dry & warm at midday wind NW.

25<sup>th</sup> Same. most of the Summer birds left us, southerly

26<sup>th</sup> Same after a cold morning wind NE.

27<sup>th</sup> Same

NE.

28<sup>th</sup> Same. Evening hazy. wind NE.

29<sup>th</sup> Cool cloudy day wind N E.

30<sup>th</sup> Clear, moderate. Therm 78 at noon wind NW.

October 1<sup>st</sup> Hazy moderately warm Therm 70 wind NE.

2<sup>d</sup> Same Evening dark cloudy in W. wind SE.

3. Heavy Rain this morning from NE,  
showery all day with thunder.

4<sup>th</sup> Mistling, warm. wind easterly,

5<sup>th</sup> Morning cloudy, cleared afternoon

moderate, Therm. 72 at noon evening serene

6<sup>th</sup> Clear windy & cool. wind NW.

7<sup>th</sup> Clear and cool wind NW in morning  
afternoon & evening NE.

8<sup>th</sup> Cloudy chilly wind NE.

October 9<sup>th</sup> Much Rain last night and this morning wind S E. Crow black bird yet

10<sup>th</sup> Some wind easterly.

11<sup>th</sup> Showery all night, cleared up this morning from N W. cold and blustering.

12<sup>th</sup> Clear and cool wind N W. Catbird, Pewee

13<sup>th</sup> Same, moderated, wind S. at evening.

14<sup>th</sup> Cloudy moderately warm wind S

15<sup>th</sup> Showery all last night. & misting all this day. wind N E.

16<sup>th</sup> Heavy showers of rain last night. cleared about day break, cool & clear day, wind N W.

17<sup>th</sup> Clear & cool. wind N W. afternoon

11. wind N E. Kingfisher, Towhee bunting

18. Cloudy wind N E. Golden Plover, occupied Wren arrived from north.

19<sup>th</sup> Cloudy moderate wind W.

20<sup>th</sup> Clear, moderate, no frost yet wind N W.

21<sup>st</sup> Cloudy cool wind N E.

22<sup>d</sup> Clear, moderate wind N W.

23<sup>d</sup> Some white frost this morning, forenoon clear & cool, afternoon cloudy and milder wind S W.



October 24<sup>th</sup> Smoky red sun called Indian summer 1820.

23<sup>rd</sup> Some Rain this morning about  
day break, cleared, cool blustering  
N.W. wind. Wild Geese, pass out-  
cry, Snow bird & Winter Sparrows  
arrive from the North to winter here.

26<sup>th</sup> Beautiful white frost this morning  
cool blustering wind N.W.

27<sup>th</sup> Some Ice on ponds. Clear & cool day  
wind N.W.

28<sup>th</sup> Some white frost this morning. Moder-  
pleasant day, fair wind S.W. evening N.W.

29<sup>th</sup> Frost & some Ice. wind N.W. & S.W.

30<sup>th</sup> Frost & Ice. afternoon milder wind S.W.

31<sup>st</sup> No frost misty morning clear warm day  
November 1<sup>st</sup> Clear & warm Therm 66.

2<sup>d</sup> Some squally cloud from west gave  
us a pleasant day of hail.

3<sup>d</sup> Same wind N.W.  
4<sup>th</sup> Morning misty wind light from S  
evening fair

5<sup>th</sup> Pleasant & cool day

6<sup>th</sup> Same wind N.W.

7<sup>th</sup> Plenty of Ice this morning moderate

day wind variable

8<sup>th</sup> Cloudy. some rain

9<sup>th</sup> & 10<sup>th</sup> wind N.W. freezing & cloudy

1820  
Nov. 11. Cloudy; wind at N. E. in the after-  
noon and evening a fall of snow —

12<sup>th</sup> Snow 3 inches deep on the earth. Continued un-  
resolved like 11<sup>th</sup>.

21. 22. frosty morning, pleasant moderate day.

23<sup>rd</sup> No frost. pleasant day.

24<sup>th</sup> Same, summer like day

25<sup>th</sup> 26. Same

27 Wind changed suddenly N. W. cold & freezing night

28<sup>th</sup> Frost laid last night. ponds hard frozen. wind E.

29<sup>th</sup> Same

30<sup>th</sup> Same cloudy wind N. E. like for snow

Decem ber 1. Clear and cold wind N. W.  
ponds hard frozen. & the river shore covered  
with Ice. freezing all day.

2<sup>nd</sup> Same rather moderated.

3<sup>rd</sup> cloudy wind easterly

4<sup>th</sup> Rainy day wind N. E.

5<sup>th</sup> Cleared last night at N. W. cold & freezing

6<sup>th</sup> No frost, pleasant clear day wind N. W.

7<sup>th</sup> White frost, cloudy moderate wind southerly

8<sup>th</sup> Rather cloudy moderate wind N. W.

9<sup>th</sup> Moderate warm Rain wind N. E.



December 10<sup>th</sup> Cleared last night at NW. 1820.

This morning clear & cool, blustering some squalls of small white soft hail, but soon melted before the sun. Pines awakes, Meadow lark, flight of Robbins downing partridges, Red cedar berries &c.

11<sup>th</sup> Same blustering NW. but more moderate.

12<sup>th</sup> Cloudy, chilly wind NE. some spits of snow.

13<sup>th</sup> Cloudy & chilly wind easterly,

14<sup>th</sup> Same, clear afternoon, wind W.

15<sup>th</sup> Forenoon mistling wind NE. Afternoon wind NW. moderate no frost or sign of winter Robbins, wood pecker & other winter birds.

16<sup>th</sup> Cloudy freezing wind NE. Robbins.

17<sup>th</sup> Cloudy, evening snow wind NE.

18<sup>th</sup> Cloud, chilly wind westerly.

19<sup>th</sup> Forenoon cloudy & mistling, cleared afternoon at west evening serene, mild, Robbins.

20<sup>th</sup> Clear, plentiful white frost, a warm sun & like day Therm. 54 at noon. Blue bird sing.

21<sup>st</sup> Forenoon cloudy wind NE. afternoon Rain

22<sup>nd</sup> Cleared up this morning wind NW cold.

23<sup>rd</sup> Clear cold. freezing all day, wind NE.

24<sup>th</sup> Rain & sleety last night & this morning. Clear at noon NW. evening clear & moderate.

25<sup>th</sup> Freezing wind NE. cloudy like for snow.

26<sup>th</sup> Snowing wind NE. flight of Robbins.

27<sup>th</sup> Cleared this morning wind NW moderate.



Decemb: 28.<sup>th</sup> began to snow last night, which 1820.  
continued increasing all this day. is now 5 inches deep  
on the earth. Towce bird (*Fringilla cristophalmea*)  
yet with us.

29<sup>th</sup> Rainy night & this morning till 12 o'clock  
even southerly most of the snow melted.

30<sup>th</sup> Cleared last night. A cold freezing day, NW.

31<sup>st</sup> Froze hard last night. Morning clear & cold  
wind NW. afternoon cloudy &illy wind SW.

January 1<sup>st</sup> Cold freezing weather 1821.

Schuykell fast frozen over. wind WNW

2<sup>d</sup> Forenoon, wind SW. Afternoon WNW. Blue bird  
and *Ampelis* feeding on berries of *Uonimus atrorup.*

3<sup>d</sup> *Fringilla cristophalmea* yet yet with us.

4<sup>th</sup> Clear & very cold wind NW  
abundance of Robbins, and Meadow Lark

5<sup>th</sup> Snow from Ice in ponds more than 2 inches  
this evening the cold rather moderate wind W.

6<sup>th</sup> Same. Ice in schuykell 3 inches in thickness  
evening more moderate.

7<sup>th</sup> Cloudy wind NE evening tempestuous

8<sup>th</sup> Continual snow all night & till 11 this morning  
snow 13 inches deep on the earth, cleared from  
NW moderate, evening serene

9<sup>th</sup> Clear and moderate thawed at noon time.

10<sup>th</sup> evening calm, some cloudy in west, wind SW.

11<sup>th</sup> Cloudy till evening cleared wind W. Blue bird

12<sup>th</sup> Clear & moderate thawing in sunshine wind SW  
abundance of Robbins, feeding on parsammon  
and frozen apples, thawed, on the Trees.



January 11<sup>th</sup> Snow all day wind N.E. 1821.

12<sup>th</sup> Clear, moderate, thawing at noon wind W.  
Robbins, Bluebirds, Cedar birds, Hump birds

13<sup>th</sup> Snow, evening Rain and sleet. wind N.E.  
flocks of Blue birds, feeding on the berries  
of Nonewas.

14<sup>th</sup> Snow & sleet, wind N.E. abundance of Robbins

15<sup>th</sup> Cleared last night from N.W. Clear & moderate  
Robbins, Blue birds in abundance.

16<sup>th</sup> Severe freezing wind northerly. Robbins abunda<sup>nce</sup>

17<sup>th</sup> Snow all day wind N.E. Robbins, Blue birds, purple finches  
in abundance.

18<sup>th</sup> Clear & severe frost. Robbins & Blue birds.

19<sup>th</sup> Same wind N.W. but few Robbins seen  
they are gone on southerly. Some blue birds

20<sup>th</sup> A severe freezing night. Morning clear  
wind N.W. Evening cloudy wind S.W. like  
for snow. few Robbins or Bluebirds.

21<sup>st</sup> Snow last night 3 inches deep on the snow on  
the earth. Robbins yet in plenty, moderate thawing  
day wind S.W. afternoon cleared N.W. evening clear  
cold wind W.

22<sup>nd</sup> Rain and sleet last night & this morning  
till noon thawing, evening cold

24<sup>th</sup> Extremely cold wind N.W.

25<sup>th</sup> Last night the coldest of this winter, Therm. this day 8 below  
below 0 after noon. 2 o'clock.

26<sup>th</sup> Same moderated afternoon, evening cloudy  
in west

27<sup>th</sup> Morning raining & continued misting all day wind W. S.W.



- January 28.<sup>th</sup> moderate thawing, wind <sup>1821</sup> NW.
- 29.<sup>th</sup> Same moderate thawing weather wind NE.  
 The Ice on schuylkill 12, 14 inches in thickness  
 And the Delaware so strong opposite the City affording  
 a constant & safe intercourse with Jersey on the  
 Ice, carts & sleds continually passing loaded  
 with wood hay &c. Many teams drawn by 6 horses.
- 30.<sup>th</sup> Morning misty till 11. O'clock midday warm as summer  
 Bees awake flying out about their hives. Robbins  
 & blue birds & variety of birds.
- 31.<sup>th</sup> Clear, moderate thawing all day. Bees & wasps  
 flying about.
- February 1.<sup>st</sup> Showery last night, cloudy and  
 thawing all day wind NW. Bees out.
- 2.<sup>nd</sup> Cloudy & thawing wind S.W.
- 3.<sup>rd</sup> Cloudy misting thawing wind NE.
- 4.<sup>th</sup> Same.
- 5.<sup>th</sup> Rain all night and this morning till 10 O'clock  
 cleared at NW. moderate
- 6.<sup>th</sup> White frost this morning, rather cloudy day  
 wind easterly.
- 7.<sup>th</sup> Cloudy, cleared at NW moderate
- 8.<sup>th</sup> Clear & moderate wind NW.
- 9.<sup>th</sup> Cloudy and thawing wind southerly  
 blue birds sing. showery toward evening.
- 10.<sup>th</sup> Cloudy wind westerly. Bluebirds, Teal passing rather
- 11.<sup>th</sup> Cloudy & thawing wind NE.
- 12.<sup>th</sup> Rain last night. Forenoon cloudy misty, wind SW.



February 13<sup>th</sup> Mostly cloud air moderate 1821.

14<sup>th</sup> Schuykill breaking up, The Ice driving out,  
Rain & sleet last night & this morning wind N E  
toward night N W. Schuykill open & clear of Ice <sup>nearly</sup> no frost

15<sup>th</sup> Clear & cool, no frost wind N W.

16<sup>th</sup> Rain sleet & snow, wind blustering from N E,

17 Cleared last night from N W. cool blustering  
day, the snow this morning about 3 inches on  
the earth, but nearly all melted before night.

18. Cool blustering wind N W.

19<sup>th</sup> White frost this morning pleasant warm day  
wind southerly, flight of Redwing blackbirds  
Ducks. Seagulls from south passing to the north.

20<sup>th</sup> Rain last night & this morning till 10 o'clock  
wind S. a warm spring day. Birds passing northerly

21<sup>st</sup> Cloudy & cool wind N E.

22<sup>d</sup> Plentiful white frost this morning, some ice  
open ponds. showery day wind N E.

23. Morning misting Wind N E. cleared  
afternoon from N W. evening cold, clear.

24<sup>th</sup> Clear & freezing Wind N W.

25<sup>th</sup> Hard freezing last night. moderated before  
noon, evening clear & moderate wind N W.

26. Cloudy sleet & rain wind N E. Gracula

27<sup>th</sup> Morning clear, moderate wind N W evening cloudy

28<sup>th</sup> Morning sleet afternoon showery wind S E.



March

1821.

- 1<sup>st</sup> Clear and moderate pleasant spring weather  
Spring Aconite in bloom, Kildeer, & Snipes arrived
- 2<sup>d</sup> Same wind N.W. Cloudy in west this evening
- 3<sup>d</sup> Same wind N.E.
- 4<sup>th</sup> Same forenoon. Evening clear, warm spring  
weather wind S.W.
- 5<sup>th</sup> Cloudy chilly, some Ice. wind N.E.
- 6<sup>th</sup> Cleared last night N.W. cold & freezing  
Ice this morning about an inch thick on  
ponds. cold windy freezing day
- 7<sup>th</sup> Same wind northerly.
- 8<sup>th</sup> Morning cold & freezing, Afternoon more  
moderate wind northerly all day.
- 9<sup>th</sup> Ice yet on ponds White frost this morning  
afterward a warm pleasant day wind W.
- 10<sup>th</sup> Plentiful white frost & some Ice this morning  
warm pleasant day wind W. Tewit arrived
- 11<sup>th</sup> Cloudy moderate wind N.E.
- 12<sup>th</sup> Morning misty cleared about 10 o'clock  
warm pleasant day. Snow drop in flower
- 13<sup>th</sup> White frost. Red sun. hot day wind S.W.
- 14<sup>th</sup> Cold blustering, wind N.W.
- 15<sup>th</sup> Clear warm growing weather wind S.W.
- 16<sup>th</sup> Same. Red sun.
- 17<sup>th</sup> Same till evening, when a heavy dark cloud  
with thunder came up from N.W. rain sleet & snow  
all night. cold blustering day



<sup>th</sup> March 18. Cold blustering wind NW

19<sup>th</sup> Hard frost last night. Morning clear & blustering NW  
Evening cloudy & chilly wind west NW

20<sup>th</sup> Cloudy forenoon small snow & sleet, afternoon rain wind S

21<sup>st</sup> Cleared last night. Morning clear blustering day. but not cold. no snow to be seen. Wind NW

22<sup>d</sup> Ice on ponds this morning wind NE afternoon warm  
Evening cloudy in west. Wind W

23<sup>rd</sup> No frost, clear & warm as month of May, wind southerly

24<sup>th</sup> Same. Wind S.W.

25<sup>th</sup> Cool blustering wind W. S.W.

26<sup>th</sup> Same wind variable

27<sup>th</sup> Snow this morning 2, 3 inches deep on the ground  
cleared before noon Wind NW

28<sup>th</sup> Hard frost this morning ponds frozen over, inch thick wind NW

29<sup>th</sup> Same, rather moderated. wind NW

30<sup>th</sup> White frost this morning, pleasant warm  
day wind W evening cloudy in west

31<sup>st</sup> Cloudy with some drizzling Rain wind W

April 1<sup>st</sup> Same. wind S.W.

2<sup>d</sup> Cleared last night, a cold blustering day NW

3<sup>d</sup> Same

4<sup>th</sup> Same

5<sup>th</sup> No frost, pleasant warm day

6<sup>th</sup> Same

Evening showery wind S.

7<sup>th</sup> Same

- 1821
- April 8<sup>th</sup> Showery, forenoon wind SE afternoon  
 9<sup>th</sup> squally wind NW at noon Therm. 58. Evening cold.  
 Cloudy, no frost. wind variable
- 10<sup>th</sup> White frost & some ice this morning
- 11<sup>th</sup> a pleasant warm day wind NW.
- 12<sup>th</sup> No frost, chilly day wind NE. Kingfisher  
 Raven wind NE.
- 13<sup>th</sup> Cleared up in the night from NW.  
 moderately cool.
- 14<sup>th</sup> Forenoon clear & moderate NW  
 15<sup>th</sup> afternoon cloudy wind SW.  
 16<sup>th</sup> <sup>wind NW. blustering & cool</sup> a little frost this morning afterwards  
 a warm pleasant day wind southerly
- 17<sup>th</sup> Rain & tempestuous wind NE, evening  
 snow & sleet.
- 18<sup>th</sup> Forenoon snow covering the earth 2 inches  
 11. deep wind N, cleared afternoon. Cold
- 19<sup>th</sup> Cold night. pond broken over this morning  
 a cold blustering day wind NW.
- 20<sup>th</sup> A little frost this morning, a clear  
 warm spring day. Robbin's Bluebirds  
 singing wind South.
- 21<sup>th</sup> Forenoon clear & warm wind South  
 22<sup>th</sup> large flights of Geese passing North  
 No frost this morning clear & cool wind NW
- 23<sup>th</sup> Clear, moderate. wind southerly
- 24<sup>th</sup> Same. Brown Thrush, House-wren, Grey Thy  
 catcher. Towhee or ground Robin arrived  
 11. Apricot, Peach in flower.
- 25<sup>th</sup> Same. Bank & purple Martin. and many sum-  
 mer birds arrived. King bird arrived.



April 26<sup>th</sup> Clear + cool wind NE. 1821.

27<sup>th</sup> Same. NE.

28<sup>th</sup> Same. NE. some white-frost this morning

29<sup>th</sup> Cloudy wind S. Evening rain

30<sup>th</sup> misting this morning till 11<sup>o</sup> clock cleared moderate wind West

May 1<sup>st</sup> Clear, pleasant May day, summer birds of passage singing & building their nests. wind W.

2<sup>d</sup> Rain last night with thunder. A cool cloudy day. wind NE. evening drizzling.

3<sup>d</sup> plentiful shower of rain last night from NW

4<sup>th</sup> moderately cool day. Evening cloudy wind NE.

5<sup>th</sup> plentiful rain all night & this morning till noon, cleared from NW evening clear, moderate.

6<sup>th</sup> Clear, cool & rather blustering wind NW evening wind NE. Wood Robin. Plum,

7<sup>th</sup> Cherry, Apple Pear, Goose-berry, Currant, flowers cloudy chilly wind variable N, NW, NE

8<sup>th</sup> Morning cool, afternoon clear & warm wind NE.

9<sup>th</sup> Warm, sultry. Sun sets red..

10<sup>th</sup> Clear hot, sultry, smoky red sun. Therm. 82.

11<sup>th</sup> Same. heavy thunder shower passed northwesterly Yellow breast. Chat. *Muscicapa crinita*, arrived

12<sup>th</sup> Same red smoky sun

13<sup>th</sup> Same. Blue Jay. arrived. Turtle dove cool.

1221

May 13<sup>th</sup> Morning rain, light showers all day wind variable. *Fringilla tristes*, and numerous tribes of small birds; chiefly of the genus *Sylvia*, feeding on the *Aphides* that infest the Apple & Pear trees. Towhee Cunting (whip - Tom Kelle) building their Nests in the Garden.

14<sup>th</sup> Morning cool wind ratherly Evening serene

15<sup>th</sup> Morning clear & cool wind N.E. Afternoon cloudy sultry, some rain toward night wind W.

16<sup>th</sup> For the most part cloudy, but cool pleasant wind E.

17<sup>th</sup> Cloudy & drizzling rain wind N.E.

18<sup>th</sup> A plentiful shower of Rain last night with Thunder. Morning clear & cool pleasant day wind N.W.

19<sup>th</sup> Clear & cool wind N.W.

20<sup>th</sup> Morning cool a little white frost, afternoon moderate & pleasant wind N.W.

21<sup>st</sup> Clear & cool after a shower of Rain last night wind N.W. }  
22<sup>d</sup> Cloudy wind N.E. }

23<sup>d</sup> Plentiful showers of Rain in the night and this day wind easterly.

24<sup>th</sup> Rain moderately during the night and this day wind N.E.

25<sup>th</sup> Cloudy wind easterly. wind N.E. }

26<sup>th</sup> Same. Rained all last night: till sun rise this morn. wind N.E. }

27<sup>th</sup> Cleared last night from N.W. a cool pleasant day

28<sup>th</sup> Clear and pleasant. very hot at noon wind N.W.

29<sup>th</sup> Same



May 30<sup>th</sup>. Forenoon clear, very hot & sultry (82).  
at noon afternoon cloudy & heavy Thunder shower  
from west north west.

31<sup>st</sup> Sultry and hot at noon, afternoon showery.

June 1<sup>st</sup> Cloudy and showery: a very heavy Rain  
about noon from N.W. Afternoon wind N.E.

2<sup>d</sup> Clear & cool, wind northerly rather warm at noon

3<sup>d</sup> Same wind W. delightful evening

4<sup>th</sup> Clear and moderate wind N.W.

5<sup>th</sup> Forenoon same as yesterday, afternoon and  
evening cloudy & sultry - wind variable.

6<sup>th</sup> Same

7<sup>th</sup> Clear calm & sultry Therm. 88.

8<sup>th</sup> Same Therm. 86

9<sup>th</sup> Showery & sultry, wind variable

10<sup>th</sup> Morning cool, clear & calm, midday exceedingly  
hot & sultry

11<sup>th</sup> Clear, moderate, wind variable.

12<sup>th</sup> Most of the day cloudy & cool wind easterly

13<sup>th</sup> Hot sultry wind S.W. Therm. 87

14<sup>th</sup> Rain ~~at~~ all day: some heavy showers Wind N.W.

15<sup>th</sup> Cleared today about noon. Evening serene & pleasant  
wind N.W.

16<sup>th</sup> Clear moderate Therm. 78. wind N.W.

17<sup>th</sup> Alternately clear & cloudy, pleasantly cool  
wind variable i.e. N.E. S.W. &c

June 18.<sup>th</sup> Clear, temperate, wind N.W. Therm 80. 1821.

19.<sup>th</sup> Cloud & showery. wind variable: west N.W. &c

20.<sup>th</sup> Sultry forenoon. afternoon showery, evening serene

21.<sup>th</sup> Morning cool, hot & sultry midday afternoon  
continual rain with thunder, cleared at evening <sup>wind N.W.</sup>

22.<sup>d</sup> Morning cloudy, cool wind N.E. showery.

23.<sup>d</sup> Clear rather hazy toward evening  
red or fair sun setting wind variable  
Therm. 82.

24.<sup>th</sup> Clear, sultry and hot till near sun set. Therm 82.

25.<sup>th</sup> Same . . . . . 89

26.<sup>th</sup> Same — red smoky sun . . . . . 89.

27.<sup>th</sup> Same . . . . . slight sprinkling of rain . 85.

28.<sup>th</sup> Same . . . . . 85.

29.<sup>th</sup> Same, drouthy. . . . . 86.

30.<sup>th</sup> Same . . . . . Wind S. . . . . 84

July 1.<sup>st</sup> Clear, midday hot sultry wind S.W. 84.

2.<sup>d</sup> Plentiful showers of rain wind N.E.

3.<sup>d</sup> Light showers . . . . . N.E.

4.<sup>th</sup> Cloudy, windy . . . . . N.E.

5.<sup>th</sup> Cloudy sultry . . . . . N.E.

6.<sup>th</sup> Same . . . . . N.E.

7.<sup>th</sup> Forenoon cloudy Evening serene moderate S.

8.<sup>th</sup> Clear, moderate. Therm. 80. wind N.W.



July 9.<sup>th</sup> Clear, moderate, wind NW. Therm 1821.

10.<sup>th</sup> Cloudy and showery wind southerly evening  
wind NE.

11.<sup>th</sup> Some rain last night. Clear cool day wind NW.

12.<sup>th</sup> Clear and cool wind NW. Evening calm & serene

13.<sup>th</sup> Same morning, hot at noon Therm 20 wind NW.

14.<sup>th</sup> Same. wind NW.

15.<sup>th</sup> Same

16.<sup>th</sup> Same . . . variable. cool morning. Green vibrating

Cricket (*Gryllus vespertinae*)

17.<sup>th</sup> Cloudy, wind variable, Evening rain wind NE.

18.<sup>th</sup> Clear moderate. wind W.

19.<sup>th</sup> Same

20.<sup>th</sup> Morning misty, rained moderately about noon wind  
cleared towards evening

21.<sup>th</sup> Rain this morning about day break. A cool pleasant  
evening NE.

S. 22.<sup>d</sup> Clear, moderate, wind SW. Therm. 20.

23.<sup>d</sup> Cloudy all day wind NE. Green, croaking Cricket

24.<sup>th</sup> Cloudy and showery, Sultry, some thunder.

25.<sup>th</sup> Clear and pleasantly cool. wind NW.

26.<sup>th</sup> Same . . . sultry. Therm 26

27.<sup>th</sup> Same . . . 24 wind E

28.<sup>th</sup> Morning foggy. cleared before 2 o'clock, A  
sultry cloudless day Therm. 28. in shade. 114. when  
exposed to the sun's rays. wind Easterly <sup>red</sup> smoky

122) July 29<sup>th</sup> Morning foggy, hot sultry day Thermometer 90. wind NW smoky sun

30<sup>th</sup> Same . . . . Therm. 92. NW 20 at 9 o'clock

31<sup>st</sup> Same, smoky, atmosphere, Sun red & fiery, at rising and setting. Therm 93. w NW at 10 o'clock

August 1<sup>st</sup> Hot sultry Therm. 94. cloudy

at evening NW want rain grass drying on the 2<sup>d</sup> light shower of rain. but not enough to lay the dust. earth in

Clear sultry, hot. Therm 93. some flying clouds from NW

3<sup>d</sup> Same . . . . 92. showers of rain round the horizon, a few drops here. at the garden

4<sup>th</sup> Same. No rain oppressive heat & drouth.

5<sup>th</sup> Same

6<sup>th</sup> Same. morning cool. red sun, wind NW

7<sup>th</sup> Same, red or smoky sun wind NE drouth, destructive to vegetation.

8<sup>th</sup> Same. no rain. wind variable Therm. 86.

9<sup>th</sup> Same . . . wind N. E. . . . 80.

10. Same, sultry Therm 86. wind, at all points

11<sup>th</sup> Same. hazy. red sun 90.

12<sup>th</sup> Same . . . . 85. wind NE.

13<sup>th</sup> Same . . . . 90. - variable.

14<sup>th</sup> Same . . . . 90. NW

15<sup>th</sup> Same . . . . 92

16<sup>th</sup> Same . . . . 98. variable



- July 17<sup>th</sup>. Red smoky Sun, clear sultry Therm 84  
18<sup>th</sup>. Forenoon clear sultry Therm 94. Afternoon  
cloudy high SW. evening cloudy & Rain  
19<sup>th</sup>. A refreshing shower of Rain last evening  
This morning hazy, cleared before noon sultry day  
Therm. about 90. this evening Sun sets clear & red  
Barn Swallow & Chimney Swallow yet with us  
20<sup>th</sup>. Morning foggy, cleared by 10<sup>o</sup> P. sultry day Therm 90.  
21<sup>st</sup>. Forenoon cool clear from NW. clouded afternoon  
on west wind NE. Rain with thunde, about 3<sup>o</sup> P. this  
22. Morning cool hot at noon evening serene Therm. 84.  
Swallows, left us bound southward, to winter  
23<sup>d</sup>. Morning cold, day moderate & pleasant.  
24<sup>th</sup>. Morning clear & cool, midday hot Therm. 86. Evening  
cloudy in west wind northerly. no Swallows seen  
25. Some dew this morning. midday hot Therm 86.  
wind variable N. NE. W. NW. evening hazy in west  
26. Mostly cloudy, a few drops rain Therm. 80.  
27<sup>th</sup>. Same. No Rain. Solar eclips this morning 80  
28<sup>th</sup>. Same  
29<sup>th</sup>. Morning cloudy wind NE. Afternoon  
cooled South, which produced a gentle shower  
of Rain from west of 10 minutes continuance  
30. Same. no Rain. Therm. 80  
in shade  
31 Same. Therm. 26. 29. 90. various exposures  
September 1. Showery & rained last night  
2d Warm and showery wind southerly



September 3<sup>d</sup> Rain last night and 221  
heavy showers all day Wind N E.

~~4<sup>th</sup>~~ Evening tempestuous, heavy rain wind N W,  
which continued increasing till after sunset  
when it gradually ceased but it's force, incredible  
was its fury, prostrating & tearing up Trees, shrubs  
and plants, vast quantities of Fruit, Apples, Peaches  
& Pears & shaken from the trees & covering the Earth.

4<sup>th</sup> Morning misty, afternoon clear Evening serene

5<sup>th</sup> Clear, moderate, a light shower afternoon, N W.

6<sup>th</sup> Same. . . Evening cloudy westward

7<sup>th</sup> Morning cool Therm 66 hot at noon Therm 82

8<sup>th</sup> Same. hot at noon Therm. 84. Evening cloudy }  
wind S.

9<sup>th</sup> Same. . . . Therm 86. wind N W.

10<sup>th</sup> Same. . . . 88. . . . N W.

11<sup>th</sup> Same. sultry at noon. 88. Evening cloudy  
in the west wind southerly. Black cap  
approaches our dwellings with his lively

12<sup>th</sup> churfull notes. Reminds us of Winter coming.

13<sup>th</sup> Cloudy, a light shower of rain wind W.  
Flight of bank martin heard southerly  
Clear & cool wind N E. Thermometer 76.

14<sup>th</sup> Morning cloudy, some rain. Afternoon  
clear, moderate. Evening serene

15<sup>th</sup> Same. wind N E. Therm. 74.

16<sup>th</sup> Cloudy, little sunshine about noon  
wind variable.



September 17<sup>th</sup> Clear. Moderate 1821.  
wind eastward. Therm. 82.

18<sup>th</sup> Same.

19<sup>th</sup> Same wind N.E.

20<sup>th</sup> Same wind variable

21<sup>st</sup> A refreshing shower of rain this morning

22 a pleasant day Therm 80  
A pleasant moderate day Therm 78.

23<sup>d</sup> Clear & cool wind N.W.

24<sup>th</sup> Plentiful rain this morning, from 3 o'clock  
till 9, cleared about noon wind W.

25<sup>th</sup> Rain last night & this morning with  
thunder. Cleared before noon, moderate, Therm 72  
Morning cool clear & moderate weather  
Evening cloud wind N.E. Therm 68.

27<sup>th</sup> Clear and cool wind N.E. Th. 67 at noon

28<sup>th</sup> Cool morning pleasant moderate day  
Therm. about 70.

29<sup>th</sup> Same. 73.

30<sup>th</sup> Cloudy & windy. Wind S.E.

October 1<sup>st</sup> Heavy rain this morning  
ceased about noon evening clear & serene.

2<sup>d</sup> Clear. moderate Therm 76. wind N.W.

3<sup>d</sup> Same, but warmer. Therm 78

4<sup>th</sup> Clear and cool. Therm 56 at sun rise  
At noon 72. Golden Plover around Ran  
arrived from the north.

- October 5<sup>th</sup> clear and cool wind NW. Th. 75. 1821.
- 6<sup>th</sup> Forenoon same, Evening cloudy. 79.
- 7<sup>th</sup> Cool cloudy and windy NE. Therm. 68.
- 8<sup>th</sup> Cloudy, Evening rain from NE. 68.
- 9<sup>th</sup> Clear and cool wind NE. at noon
- 10<sup>th</sup> Same. wind NE. Temperature Therm 69
- 11<sup>th</sup> Morning clear, Evening cloudy
- 12<sup>th</sup> moderate Therm 64 wind NE.  
Constant rain. wind NE.
- 13<sup>th</sup> Clear and moderate. wind NW.
- 14<sup>th</sup> Same, blustering. wind NW. Therm 60.
- 15<sup>th</sup> Same. Little white frost this morning. NW.
- 16<sup>th</sup> Same milder no frost. NW.
- 17<sup>th</sup> Cloudy, moderate. wind NE
- 18<sup>th</sup> Cold, windy NE.
- 19<sup>th</sup> Some frost this morning. A clear moderate  
pleasant day. wind NE.
- 20<sup>th</sup> Same
- 21<sup>th</sup> Same, but warmer, or summer heat  
at midday wind variable.
- 22<sup>th</sup> Same.
- 23<sup>th</sup> Same
- 24<sup>th</sup> Same
- 25<sup>th</sup> Same warm as summer
- 26<sup>th</sup> Same
- 27<sup>th</sup> Same



October 28<sup>th</sup> 29<sup>th</sup> Same. no frost 1821

30<sup>th</sup> Same. *Fringilla hyemalis* no bird arrived

31<sup>st</sup> Cloudy, moderate wind N E

November 1<sup>st</sup> Rain last night with thund.  
-er clear N.W. cool blustering day

2<sup>d</sup> Morning clear, cool little white frost

3<sup>d</sup> pleasant warm day, wind variable

4<sup>th</sup> Mostly cloud

5<sup>th</sup> Rain last night and during Rain today

6<sup>th</sup> Rain wind N E.

7<sup>th</sup> 8<sup>th</sup> 9<sup>th</sup> cloud & light rains wind eastward

10<sup>th</sup> to 15<sup>th</sup> cool frosty mornings, some ice

16<sup>th</sup> no frost, cloudy wind N E

17<sup>th</sup> 18<sup>th</sup> Same

19<sup>th</sup> Same

20<sup>th</sup> Cool blustering wind NW

21<sup>st</sup> 22<sup>d</sup> Same

24<sup>th</sup> Rain & stormy wind N E.

25<sup>th</sup> The earth covered with snow

this morning, cold blustering day wind NW

26<sup>th</sup> Same cool & blustering wind NW

27<sup>th</sup> Forenoon clear, moderate wind NW  
afternoon cloudy wind N E

28<sup>th</sup> Cloudy & chilly wind N E.

29<sup>th</sup> Cloudy, moderate, no frost, wind southerly



*Gallardea bicolor*, by J. Jay. 1822  
*Gentiana campanulata*, on Salt River  
a branch of Arcansau.  
Discovered by Mr. Nuttal.

The root of the common Blue Violet (*v. cucullata*)  
boiled in water & applied as a poultice cures  
Fellons. Or macerated & applied cold.

November 30<sup>th</sup> Fairnoon Rain Afternoon  
Snow & sleet. wind N E. 1822

December 1<sup>st</sup> Time: The Earth covered  
with snow sleet & Ice. Stormy wind N E

2<sup>d</sup> No Frost wind S. Therm 40. Warm Rain

3<sup>d</sup> Cleared last night N W. moderate no frost

4<sup>th</sup> mostly cloudy, but warm. wind variable

5<sup>th</sup> Gentle Rain & misting, warm as Summer

6<sup>th</sup> Cleared last night from N W. some frost  
this morning a cold blustering day.

7<sup>th</sup> Some Ice this morning. Clear cool day N W.

8<sup>th</sup> The earth covered with snow this  
morning, but soon after sun rose began to

rain.

9<sup>th</sup> Clear, moderate, after a white frost, wind N W.

10<sup>th</sup> Cloudy & chilly. wind N E. Like for Snow

11<sup>th</sup> Morning cloudy. Cleared before noon N W  
Evening cold & blustering



December 12<sup>th</sup> Ponds frozen this <sup>1822</sup>  
morning rather cloudy & chilly day Wind NE  
13<sup>th</sup> Snow & sleet, wind NE.

14<sup>th</sup> Cleared last night, from NW cold & blustering  
all this day.

15<sup>th</sup> Cold blustering. Snowing all day wind NW.

16<sup>th</sup> Same, hard freezing. Icey hills hard frozen over.

17<sup>th</sup> Cloudy & sleety.

18<sup>th</sup> Forenoon cloudy & sleety, cleared afternoon NW.

19<sup>th</sup> Clear & cold freezing wind NW.

20<sup>th</sup> Morning cloudy, afternoon small rain.

21<sup>th</sup> Drizzling rain Therm. 37.

22<sup>th</sup> Same cleared at evening NW.

23<sup>th</sup> Freezing all day, clear wind NW.

24<sup>th</sup> Cloudy & freezing wind NE.

25<sup>th</sup> Same

26<sup>th</sup> Cleared last night NW cold & freezing

27<sup>th</sup> Same

28<sup>th</sup> White frost, clear & moderate. Therm. 46. SW.

29<sup>th</sup> Same

30 Rather cloudy wind variable

31 Some snow on the ground, this morning  
a cold cloudy day. <sup>1823</sup>

1<sup>st</sup> January cloudy, chilly wind SW.

2<sup>nd</sup> Clear & cool wind NW

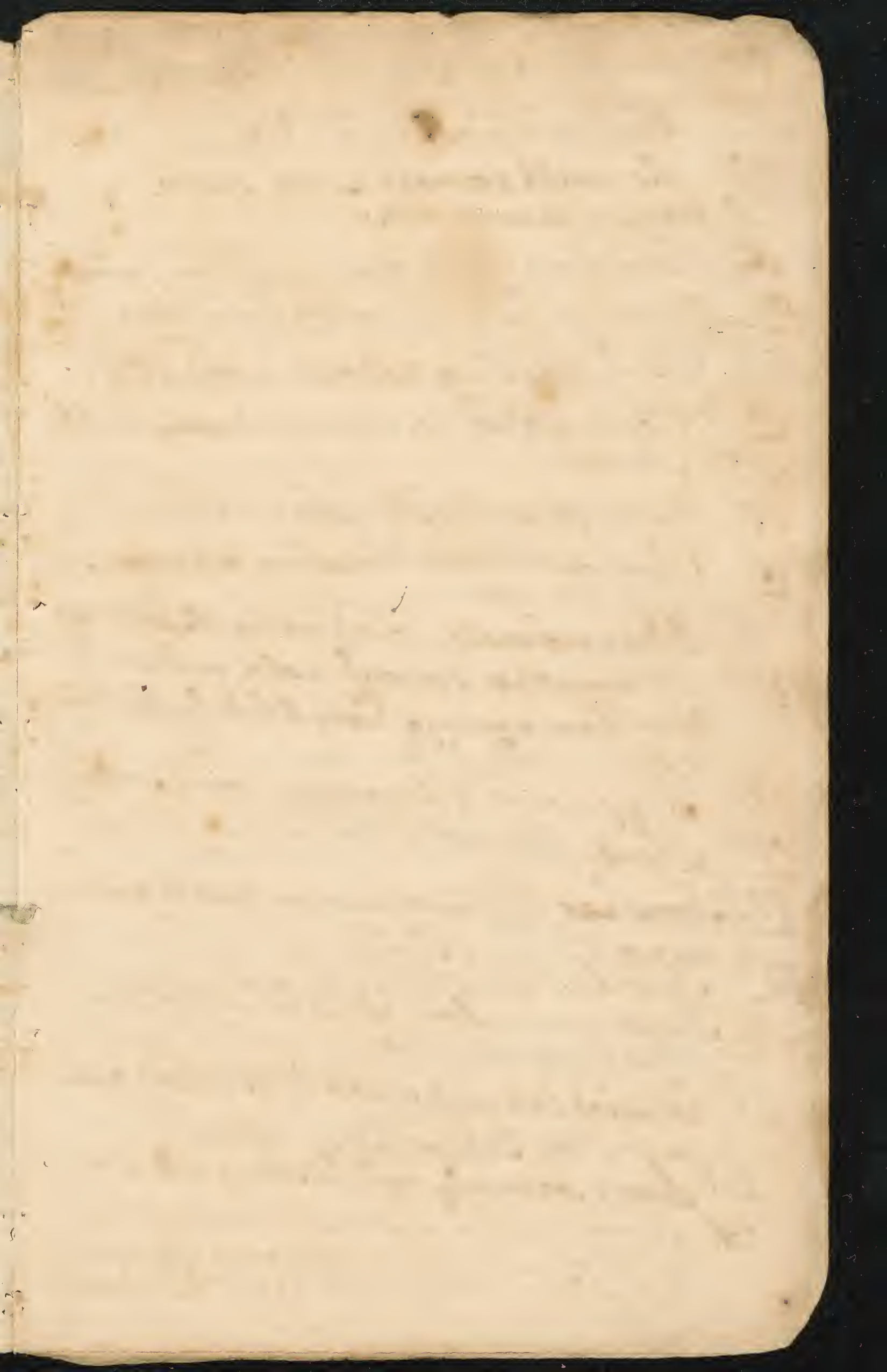
3<sup>rd</sup> Same

4<sup>th</sup> Cloudy cold wind NE. Robins

5<sup>th</sup> Same, afternoon, clear, wind NE.

*[The text on this page is extremely faint and illegible due to fading and bleed-through from the reverse side. It appears to be a handwritten document.]*





- Jan 6<sup>th</sup> Cloudy dull wind NW 1872
- 7<sup>th</sup> Clear moderate wind NE.
- 8<sup>th</sup> The earth covered with snow, evening cleared NW.
- 9<sup>th</sup> Clear, moderate, thawing midday wind NE.
- 10<sup>th</sup> Morning hazy Afternoon Snow from NE
- 11<sup>th</sup> Clear, freezing, all day, wind NW.
- 12<sup>th</sup> Clear moderate, thawing at noon, WNW.
- 13<sup>th</sup> Same
14. Clear severely cold wind NW.
- 15 Clear moderate thawing afternoon  
wind W. SW.
16. Clear moderate, wind variable, Robbins
- 17<sup>th</sup> Morning clear & severely cold, moderate  
Before Noon, evening hazy & likely for rain  
or snow wind NE.
- 18<sup>th</sup> Hazy, warm, & thawing, wind southerly
- 19<sup>th</sup> Same Blue birds & Red crowned Linnet.
- 20<sup>th</sup> Some ice this morning on pond, evening  
warm, thawing Therm 45, wind NE
- 21 Same Schuyler's Ice broke up.
22. Same warm, pleasant as month of May  
Blue birds singing.
- 23<sup>rd</sup> Cleared last night from NW. A cold freezing  
windy day, Robbins & Cedar birds.
- 24<sup>th</sup> Same, extremely cold, freezing all day.
- 25<sup>th</sup> Same rather moderated toward the  
evening. Robbins, Troglodytes, Phainopepla  
Delaware and Schuyler again had frozen



- January 26<sup>th</sup> Cloudy, chilly wind W. 28<sup>th</sup>  
Robbins, Cedar bird, Jay, Fringilla  
27<sup>th</sup> Snow and sleet. Wind northerly  
28<sup>th</sup> Hazy, smoky warm & showery wind NE  
29<sup>th</sup> Same, Thersn 46. Robbins Bluebird, Cedar  
30<sup>th</sup> Bird. Fringilla, Hummer, Sparrow singing  
31<sup>st</sup> Rain, warm as month of May wind NE.  
February 1<sup>st</sup> Cloudy & cool, yet  
showery, wind NW.  
2<sup>d</sup> Clear moderate after a frosty morning  
wind NW, afternoon showery wind W.  
3<sup>d</sup> Cloudy warm & thawing after a frosty  
morning. Robbins's gleaming Titmouse  
Junco & other berries. Butcher Bird.  
4<sup>th</sup> Snow till noon wind NE cleared toward  
evening from NW, cold.  
5<sup>th</sup> Clear and moderate thawing wind southerly  
6<sup>th</sup> Morning cloudy & thawing cleared up  
toward evening at NW.  
7<sup>th</sup> Hard frost this morning clear wind NW. Robbins  
8<sup>th</sup> Cloudy & thawing afternoon. wind S.W.  
9<sup>th</sup> Same.  
10<sup>th</sup> Cloudy, chilly wind Northerly. Robbins.  
11<sup>th</sup> Clear cool windy. W. S.W.  
12<sup>th</sup> Cloudy, chilly wind W.  
13<sup>th</sup> Same - wind NE. Robbins  
14<sup>th</sup> Cloudy & snowing wind NE.  
15<sup>th</sup> Clear, warm & thawing wind easterly



February 16<sup>th</sup>. Rain, wind variable

17<sup>th</sup>. Forenoon cloudy & misting cleared afternoon & evening serene & moderate.

18<sup>th</sup>. Rain sleet and snow. Wind tempestous all day Schuy Kill broke up & nearly clear of Ice.

19<sup>th</sup>. Snow about 12 inches deep on the earth. A clear pleasant thawing day wind NW.

20<sup>th</sup>. Morning misty; afternoon misting rain

21<sup>st</sup>. Constant rain last night and this morning till noon cleared at NW evening serene & thawing wind S.

22<sup>nd</sup>. Flocks of Grouse passing to the SE. Clear, moderate wind NW. Thawing. Redwing Blackbird, Grackle, Bluebird, Robin, Scaup, Ducks from south

23<sup>rd</sup>. Clear, moderate wind easterly.

24<sup>th</sup>. Same

25<sup>th</sup>. Same, wind NW cold freezing all day

26<sup>th</sup>. Clear, moderate wind W. NW.

27<sup>th</sup>. Same. wind W.

28<sup>th</sup>. Hazy or smoky. Sun rises & sets red & fiery warm at month of May. Various species of Fringilla arrived from south, on their way to the north to breed. wind SW.

March 1<sup>st</sup>. Same, smoky sun, warm

2<sup>nd</sup>. Morning misty, afternoon Rain S or SW.

3<sup>rd</sup>. Cleared last night. NW. cool & blustering



March 4<sup>th</sup> Clear & blustering. 1822.  
NE towards evening & milder. NW

5<sup>th</sup> Clear, warm & pleasant, as May

6<sup>th</sup> Same. warm, as June. Snowdrop in flower

7<sup>th</sup> Same, cooler with NE.

8<sup>th</sup> Cloudy stety. wind NE. Heliboras  
hyemalis in flower, Heldear, Woodcock  
& Teal arrived.

9<sup>th</sup> Good, wind NE.

10<sup>th</sup> Same. Ice on pond this morning.

11<sup>th</sup> Pleasant white frost this morning  
forenoon clear & warm as summer  
strong west wind afternoon cloudy NW.

12<sup>th</sup> Cloudy morning. wind SW. cleared  
about noon NW. evening cool

13<sup>th</sup> Clear blustering & cool wind NW.

14<sup>th</sup> Clear, windy & cool. NE.

15<sup>th</sup> Same. Flight of Geese passin to the north

16<sup>th</sup> Cloudy, few drops of hail

17<sup>th</sup> Hazy & blustering wind W.

18<sup>th</sup> Same. pleasant March weather wind NW.

19<sup>th</sup> Little white frost this morning, clear  
hot day at noon evening hazy wind NE.

20<sup>th</sup> Cloud, warm growing weather wind E.

21<sup>st</sup> Clear, warm as summer wind easterly

22 Morning cloud & misting; began to Rain about  
noon, evening tempestuous. wind easterly.



March 23<sup>d</sup>. Blustering, wind N W. 1222

24<sup>th</sup>. Smart frost this morning, afterwards a hot day wind S. Crocus, Snowdrops in flower

25<sup>th</sup>. Some white-frost this morning, but a clear warm day. Wind N E.

26<sup>th</sup> Same. hot as summer at noon

27<sup>th</sup>. Morning clear, no frost. Afternoon cloudy, wind high S.

28<sup>th</sup>. Pleasant shower of rain wind S. cleared at N W. in evening. Lightning

29<sup>th</sup> and Thunder.

Some Ice this morning, cold blustering day

30<sup>th</sup> Same

31<sup>st</sup> Same, cool blustering N W. some frost this <sup>morning</sup>

April. 1<sup>st</sup> Same cool blustering <sup>N W.</sup> weather

2<sup>d</sup>. Same, more moderate wind variable

3<sup>d</sup>. Same, very warm growing weather

4<sup>th</sup>. Same wind southerly Robbin sings

5<sup>th</sup>. Same. Shad in abundance

6<sup>th</sup>. Same wind variable. N, N E, W, S W.

7<sup>th</sup>. Cloudy; wind variable. W, S W. Butterfly.

8<sup>th</sup>. Same some rain this morning

9<sup>th</sup>. Same misting. Wind N E.

10<sup>th</sup>. Same misting rain. N E.

11<sup>th</sup>. Rain showers all night, cleared this morning; wind N W. Blustering air moderately cool. Barn Swallow Gulls, Terns, Tringa, piping noddies



April 12<sup>th</sup> Clear & warm as summer 1822

13<sup>th</sup> Rain last night & today till evening

cleared westward. Kingfisher from the south

14<sup>th</sup> White throat Sparrow found no other.

Cool & blustering wind W.

15<sup>th</sup> Moderately cool wind westerly

16<sup>th</sup> Rain all last night & today wind N.E.

17<sup>th</sup> Cleared this morning from N.W. a cool day

18<sup>th</sup> Rain all day wind N.E. House wren

19<sup>th</sup> Same. Brown Thrush (*Turdus rufus*)

arrived & sings in the morning. Cowbird bunting

Little grey warbler. ~~Wep. for will arrived.~~

20<sup>th</sup> Same, light showers of rain, wind N.E.

21<sup>st</sup> Same. Sun shone out about noon N.E.

22<sup>d</sup> Morning cloudy & mistling wind N.E.

cleared afternoon N.W. cool

23<sup>d</sup> Morning clear & cool, Afternoon cloudy

and warm wind N.E. Wep. or will. Summer bird

24<sup>th</sup> Same sultry at noon, wind S. Cat. bird.

25<sup>th</sup> Same hot as mid summer. Summer

Yellow Bird, & most other Summer residents

from the south, arrived. Therm. 22. at noon

26<sup>th</sup> Same very sultry. Song Thrush (<sup>singing</sup> Wood-hobbin)

27<sup>th</sup> Forenoon clear & sultry, afternoon cloudy

evening dark in west, cool wind high S.

28<sup>th</sup> Plentiful showers of rain last night, cleared

at noon high wind from S.W. evening N.W. cool

29<sup>th</sup> Windy & cool. Afternoon sultry

30<sup>th</sup> Same Oriolus spurius, sings, sultry



Huntingbird 1822

May 2 Sultry wind S. Orioles Baltimore

long nest or Baltimore bird. Fire bird.

2d. King. bird. Night-Hawk. viewed. Therm 88

3. Same hot sultry. wind S.W. Cuckoo arrived

3. Same Peewee bird passing notherly

Blue Linnet. Woods Pewee. arrived

4th. Cloudy & misting wind N.E. Green Heron.

Ardea nicticorax (Quaw bird)

Partridge (Tetrao marlandica) Pyrus coronaria

Halca forficata in flower.

5th. Rain last night from S cleared this morning from N.W. blustering & cool.

6th. Clear cool & blustering wind N.W.

7th. Some white frost this morning. From cloudy, cleared afternoon N.W.

8th. Morning cloudy, cleared afternoon

Cardinal Redbird, Redhead Woodpecker

9th. Clear, moderate growing weather

Yellow breast Chat, Muscivora crenata.

10th. Same

11th. Same

12th. Same. Sun hid & foggy at rising & setting

13th. Morning clear, dry. Afternoon cloudy

14th. Extremely hot at noon after a heavy dew & foggy morning.

15th. Hot & dry.

Major Doudel



May 16<sup>th</sup> Forenoon sultry wind W 1822

afternoon & evening cloudy wind W

17<sup>th</sup> Cloudy mistling, wind E

18<sup>th</sup> Forenoon mistling wind E afternoon  
clear & moderate wind W

19<sup>th</sup> Heavy rain last evening with lightning  
& Thunder, from NW. moderate pleasant day

20<sup>th</sup> Clear forenoon, afternoon cloudy wind W

21<sup>st</sup> Cloudy & showery, sultry wind varying } S W

22<sup>nd</sup> Cloudy & windy S W. Dark cloud NW

23<sup>rd</sup> Clear, moderate, wind W. S W

24<sup>th</sup> Cool pleasant weather, wind N W

25<sup>th</sup> Clear & cool wind N E. Cherries <sup>in market</sup> Strawberries

26<sup>th</sup> Cloud forenoon with small rain in evening

27<sup>th</sup> Rain last night & this morning. Cleared  
afternoon Evening serene, wind W

28<sup>th</sup> Morning mistling, cleared at noon, hot  
evening serene & pleasant wind W

29<sup>th</sup> Fog this morning, Hot sultry day. W

30<sup>th</sup> Some light showers of rain all day. S.

31<sup>st</sup> Rain all day, some heavy showers. S. E.

June 1<sup>st</sup> Morning fog, cleared & black sultry

Therm 82. Afternoon showery, some heavy

2<sup>d</sup> Same. heavy shower in evening. W

3<sup>d</sup> Same ————— Wind N W



JUNE 4<sup>th</sup> Very hot about noon Therm 86  
 afternoon cloud & shower of rain. in evening.  
5<sup>th</sup> Cool day wind light N.E.  
6<sup>th</sup> Same, more moderate  
7<sup>th</sup> Sultry wind S.W. evening cloudy.  
8<sup>th</sup> Same, light shower afternoon, wind S.W.  
9<sup>th</sup> Clear, cool & moderate, wind N.W.  
10<sup>th</sup> Clear sultry wind N.W. Therm. 86.  
11<sup>th</sup> Forenoon same, afternoon a heavy  
 shower of rain from N.W. with thunder.  
12<sup>th</sup> Clear cool & pleasant wind N.W.  
13<sup>th</sup> Same Therm 82 wind N.E.  
14<sup>th</sup> Same ——— 80.  
15<sup>th</sup> Same ———  
16<sup>th</sup> Same ———  
17<sup>th</sup> Same a little rain towards evening S.W.  
18<sup>th</sup> Same — wind variable a refreshing rain  
19<sup>th</sup> Clear, moderate wind variable  
20<sup>th</sup> Forenoon a plentiful shower of rain  
 cleared towards evening wind S.W.  
21<sup>st</sup> Morning cloudy rain afternoon S.W.  
22<sup>d</sup> Clear cool day wind N.W.  
23<sup>d</sup> Clear sultry at noon Therm 84 evening cloudy  
24<sup>th</sup> Mistling rain this morning cleared afternoon  
 Therm. 80 at noon wind S.W.  
25<sup>th</sup> Cloudy & mistling sultry wind easterly

Mistling rain

at service.

N.E.  
S.W.  
S.W.

General J. M.



26<sup>th</sup> Forenoon cloudy with showers of 1822  
small rain cleared at noon. Evening serene

27<sup>th</sup> Clear, cool & pleasant wind NW

28<sup>th</sup> Same  
29<sup>th</sup> Morning sultry midday Therm. 86. evening  
cloudy in west

30<sup>th</sup> Clear, hot at noon Therm 88 altho a brisk  
wind varying W. N.W. Ry harvest began.

July 1<sup>st</sup> hot & sultry Therm 90. wind S.W.

2<sup>d</sup> Heavy Rain last evening with Thunder  
Cloudy & Sultry. with showers of Rain today  
Tetigonia

3<sup>d</sup> Cloudy & sultry. Morning & Evening Locust

4<sup>th</sup> Same

5<sup>th</sup> Same. light showers of Rain Evening serene

6<sup>th</sup> Morning cloudy, sultry Therm 88  
afternoon clear & windy W.

7<sup>th</sup> Cloudy & showery, sultry, Thunder Th. 88

8<sup>th</sup> Clear cool morning; very warm at noon

9<sup>th</sup> Therm. 90. windy from W. N.W.

Same cooler evening serene

10<sup>th</sup> Same - hot at noon wind S.W.

11<sup>th</sup> Cloudy sultry Therm. 88, 90. wind S.

12<sup>th</sup> Morning cloudy. light showers of Rain  
cleared afternoon wind N.W.

13<sup>th</sup> Sultry, showery, Therm. 88, 91. wind S.W.

14<sup>th</sup> Cool, pleasant wind S.W. Evening serene.



July 15<sup>th</sup> Cloudy sultry, heavy shower of  
rain afternoon, from SW. some thunder.

16<sup>th</sup> Clear cool wind NE.

17<sup>th</sup> Same, Creech-Owl whistles in evening.

18<sup>th</sup> Same sultry at noon Therm. 88. 90.

19<sup>th</sup> Same sultry Therm 90

20<sup>th</sup> Same - - - 92

21<sup>th</sup> Same. - - - 90. want rain in the garden

22<sup>o</sup> Same - - - 88.

23<sup>o</sup> Same

24<sup>th</sup> Cloudy thunder showers southerly but  
not here wind SW.

25<sup>th</sup> Clear & cool, wind NW after a plentiful  
show of rain this morning

26<sup>th</sup> Clear, cool, wind NW ~~any spray~~

27<sup>th</sup> Forenoon clear, moderate Therm 84

Evening cloudy in west wind NE

28<sup>th</sup> Light showers, this morning cleared before noon &  
midday sultry Therm 84.

29<sup>th</sup> Heavy rains with Thunder last night  
clear & moderate day. wind W SW.

30<sup>th</sup> Clear, moderate wind NE.

31<sup>st</sup> Same

August 1<sup>st</sup> Clear unclouded sky

temperate pleasant Therm 82

Public Office



August 2<sup>d</sup> Morning foggy hot at noon. Therm 82, wind S W. 182

3<sup>d</sup> Same — 88. 90. wind S.

4<sup>th</sup> Same — Evening cloudy in West Valley Rain

5<sup>th</sup> Cloudy, moderate wind N W.

6<sup>th</sup> Clear & cool wind N W in the morning in the evening N E.

7<sup>th</sup> Same

8<sup>th</sup> Same — Therm. 84.

9<sup>th</sup> Same clear & dry weather, morning cool, midday hot Therm 84, wind N E.

10<sup>th</sup> Same

11<sup>th</sup> Same. hot & dry. Therm 86.

12<sup>th</sup> Same — 90

13<sup>th</sup> Dense fog this morning cleared before noon hot sultry Therm. 90 evening cloud at W a light rain fell.

~~For a few minutes.~~

~~14<sup>th</sup> Cool pleasant day Therm. 84. wind N E.~~

~~15<sup>th</sup> Forenoon clear hot Therm. 90 evening~~

~~a shower of rain from N. — 88.~~

~~16<sup>th</sup> Clear & cool wind N W. 84.~~

~~17<sup>th</sup> Same till noon afternoon sultry 88.~~

~~18<sup>th</sup> Same hot & dry~~

~~19<sup>th</sup> Same. Very severe drought generally~~

~~20<sup>th</sup> Same a destructive drought~~

~~21<sup>st</sup> Same. no sight of rain~~

~~22. Same. no sight of rain~~

23. Morning sultry. Afternoon heavy Rain 5<sup>th</sup>

August 24<sup>th</sup> mostly cloudy with light showers  
 25<sup>th</sup> Morning cool clear mid evens. Therm 83, wind N  
 26<sup>th</sup> Clear, cool. Therm. 78, wind S.E.  
 27<sup>th</sup> Same ————— 70.  
 28<sup>th</sup> Same ————— 80  
 29<sup>th</sup> Same ————— 82 wind N.E.  
 30<sup>th</sup> Forenoon clear sultry 80. evening cloudy }  
 31<sup>st</sup> Mostly cloudy & sultry 80. N.E.

September: 1. Clear sultry 82. wind E. S.E.  
 2. Forenoon sultry Therm 83 afternoon and evening showery with much thunder S.W.  
 3<sup>d</sup> Clear sultry. Therm 80.  
 4<sup>th</sup> Clear dry cool wind N.E.  
 5<sup>th</sup> Same, sultry at noon  
 6<sup>th</sup> Same  
 7<sup>th</sup> Same  
 8<sup>th</sup> Same ————— Therm 86. wind E.  
 9<sup>th</sup> Foggy morning hazy sultry day Therm 84. }  
 10<sup>th</sup> Same ————— Therm 82.  
 11<sup>th</sup> Clear & cloudy, alternately, sultry. Therm 86, 8.  
 12<sup>th</sup> Clear sultry Therm 89, 90.  
 13<sup>th</sup> Same ————— 92.  
 14<sup>th</sup> Refreshing shower of rain with thunder  
 15<sup>th</sup> Clear moderate Therm 80.  
 16<sup>th</sup> Cloudy evening Rain 80 wind S.W.  
 17<sup>th</sup> Clear & cool wind N.W.



October 27<sup>th</sup> morning cloudy af - 1822

September

1822

- 18<sup>th</sup> Clear, cool morning 'tis said white frost  
was near Donby, wind NW Thon 55 at 11
- 19<sup>th</sup> Cloudy warm Evening light breezes  
wind from N E to SW. *Colours*
- 20<sup>th</sup> Pleasant showers of Rain all last night  
and till 10 of lock this morning from SW  
with some thunder this evening cool wind NW.
- 21<sup>st</sup> Clear & moderate wind NW
- 22 Same ————— NW.
- 23<sup>d</sup> Same — hot at noon wind NE.
- 24<sup>th</sup> Same ————— NE.
- 25<sup>th</sup> Morning clear sultry hot at noon  
evening cloudy wind NE
- 26<sup>th</sup> Cloudy & misting till noon wind E. Thon 78.
- 27<sup>th</sup> Cloudy afternoon showery wind S.
- 28<sup>th</sup> Same
- 29<sup>th</sup> Sultry wind S.
- 30 Rain with thunder last night  
This day clear, moderate wind NW.
- October 1<sup>st</sup> morning cool cloudy wind NE.
- 2<sup>d</sup> Showery all day ——— NE
- 3<sup>d</sup> Clear, cool, wind NE.
- 4<sup>th</sup> Same Same
- 5<sup>th</sup> Same

October 6. Same Foggy morning hot at noon

7<sup>th</sup> Foggy morning hot at noon

8<sup>th</sup> Morning misty hot day

9<sup>th</sup> Clear moderate. No frost yet, some passengers & birds arrived from the north.

10<sup>th</sup> Morning cloudy, wind S afternoon Rain S W.

11<sup>th</sup> Cloudy misty, wind southerly

12<sup>th</sup> Clear, moderate wind W, N W.

13<sup>th</sup> Serene & moderate; evening red & smoky } Sun }

14<sup>th</sup> Smoky cloud, chilly wind N E.

15<sup>th</sup> Clear, pleasant day, some white frost this morning, wind N W.

16<sup>th</sup> Same: more haze in evening wind W.

17<sup>th</sup> Same, hot at noon Therm 70 wind W

18<sup>th</sup> Same. Therm 74. Red Sun morning evening

19<sup>th</sup> Same — 78, 20. same

20<sup>th</sup> Same — 78 - 80.

21<sup>st</sup> Little ice in this morning; cloudy day Therm 74

22<sup>d</sup> Clear cool wind N W.

23<sup>d</sup> Same some Ice this morning.

24<sup>th</sup> Cloudy cool wind N E

25<sup>th</sup> Clear & cool wind N E.

26<sup>th</sup> Some ice this morning wind easterly

27<sup>th</sup> Clear & cool wind N W.



October 27<sup>th</sup> morning cloudy af- 1827

-ternoon rain wind NE.

28<sup>th</sup> Rain this morning NE cleared afternoon

29<sup>th</sup> Clear cool and blustering wind NW

30<sup>th</sup> Same wind NW

31<sup>st</sup> Same, wind SW warm as summer at noon

November 1<sup>st</sup> cold blustering wind NW

2<sup>d</sup> Clear moderate, some white frost this morning

3<sup>d</sup> Same warm as summer at noon

4<sup>th</sup> smoky sun (Indian summer)

5<sup>th</sup> Same, hot at noon

6<sup>th</sup> Same - plentiful white frost this morning

7<sup>th</sup> some ice on ponds, a dense fog in River Dr. & war

8<sup>th</sup> Same - hot at noon - evening cloudy NE.

9<sup>th</sup> Warm Rain

10<sup>th</sup> Clear & warm as summer, wind NW

11<sup>th</sup> Cloudy wind NE.

12<sup>th</sup> Same NE.

13<sup>th</sup> Same wind eastwardly.

14<sup>th</sup> Moderate pleasant autumnal weather

Trees gorgeously painted with variegated leaves

15<sup>th</sup> Forenoon misty afternoon Rain NE

16<sup>th</sup> Rain all last night cleared this morning

NW cool blustering.

17<sup>th</sup> Clear moderate wind NW.

18<sup>th</sup> Same

Wagon Journal



November 17<sup>th</sup> Morning foggy - till 1822  
towards noon cleared, wind S W. pleasant

18<sup>th</sup> Forenoon misty Afternoon rain wind varying

19<sup>th</sup> Clear, moderate wind NW

20<sup>th</sup> Clear & warm as summer after a slight  
white frost in morning wind southerly

21<sup>st</sup> Cloudy, some drizzling Rain wind S W

22 Rain. wind NE: heavy rain evening & night.

23<sup>d</sup> Clear. Wind W NW. Bristling cold.

24<sup>th</sup> Same

25<sup>th</sup> Same

26<sup>th</sup> Forenoon cloudy chilly some rain  
Evening serene wind NW

27<sup>th</sup> Clear and cloudy alternately wind variable

28<sup>th</sup> Rain from NE in morning W afternoon.

29<sup>th</sup> Cloudy warm wind NE.

30<sup>th</sup> Rainy day wind S W. cleared at NW  
some thunder. Crow. Black bird yet.

December 1<sup>st</sup> Cool wind NW. Last night  
showers of Rain from South towards morning, wind  
round West & lastly NW with heavy showers  
& tremendous lightning & thunder. Blue bird

2<sup>d</sup> Morning clear, hard frost. Afternoon cloudy

3<sup>d</sup> Snow from NE evening clear NW snow hinder

4<sup>th</sup> Clear wind NW hard freezing.

5<sup>th</sup> Hard frost, ponds frozen, Afternoon moderate  
evening cloudy a brilliant moon. Sun  
near the horizon.



December 6<sup>th</sup> rather cloudy & freezing. NW

7<sup>th</sup> Same Afternoon warm & thawing  
blue bird & various jays, wood peckers

8<sup>th</sup> Clear moderate wind NW.  
Same. Bluebird, Meadow Lark

9<sup>th</sup> Forenoon clear, afternoon cloudy. SW

10<sup>th</sup> Same

11<sup>th</sup> Clear & warm as summer wind SW

12<sup>th</sup> Same wind. NE. Cloudy at west.

13<sup>th</sup> Cloud, misty wind NE

14<sup>th</sup> Misting warm as summer

15<sup>th</sup> Cleared this morning about 2 o'clock, NW.  
bluster in cold.

16<sup>th</sup> Hard freezing this morning till noon  
afternoon milder wind evening cloudy

17<sup>th</sup> <sup>blue bird</sup> Same, like for snow.

18<sup>th</sup> Same, no frost, Blue birds.

19<sup>th</sup> misting warm as summer.

20<sup>th</sup> Same wind NE.

21<sup>st</sup> Same, Blue bird wind NE.

22<sup>nd</sup> Morning misting, cleared at noon NW.

23<sup>rd</sup> This morning some snow cleared  
afternoon NW cold & freezing

24<sup>th</sup> Hard frost this morning wind NW.

25<sup>th</sup> Blue bird  
some snow this morning but melted  
by noon evening clear moderate NW.

26<sup>th</sup> Blue bird.

27<sup>th</sup> Forenoon cloud, chilly wind variable  
Same.

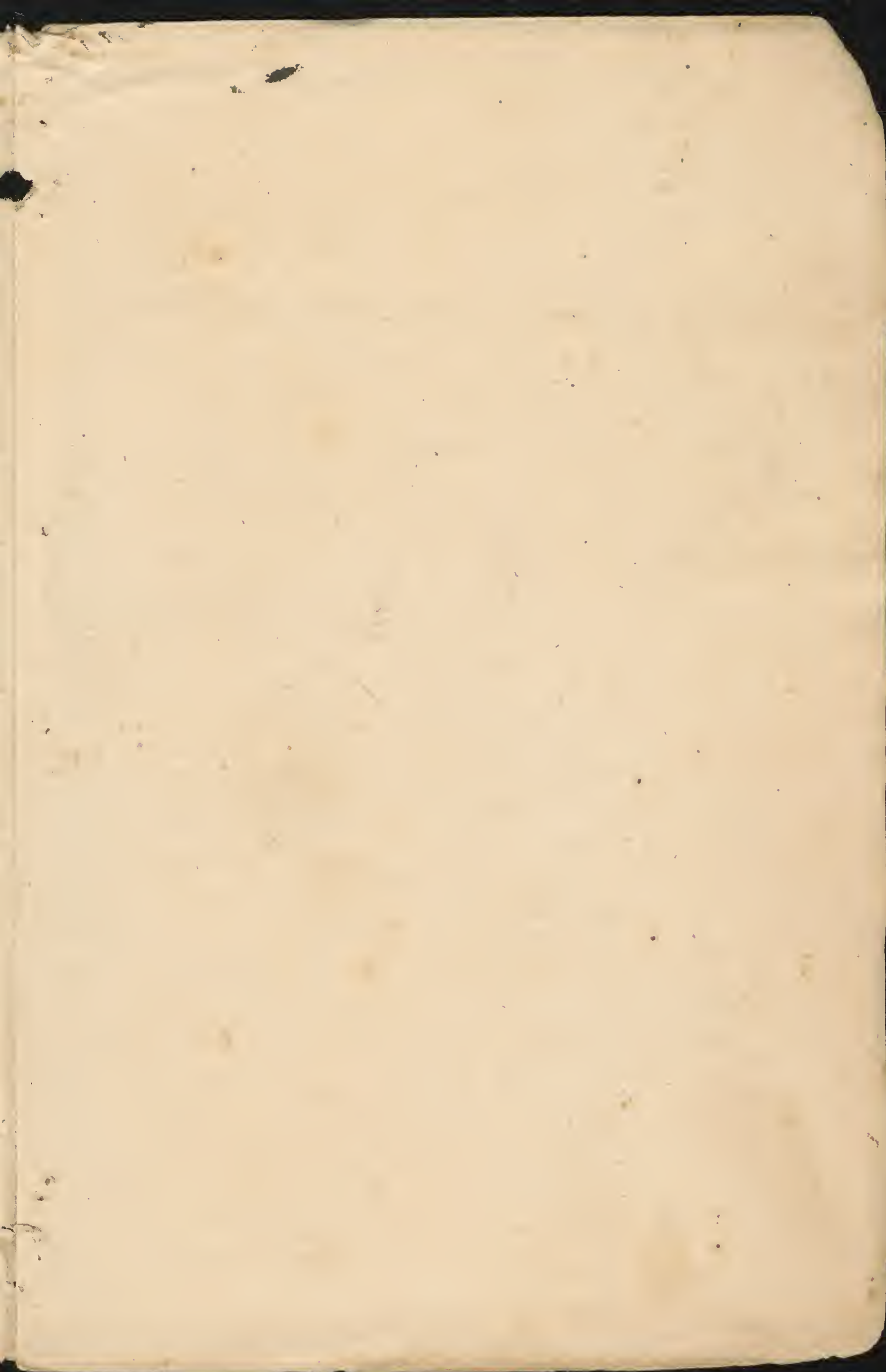
December 28<sup>th</sup>. Snowing. wind <sup>N E</sup> 1899  
depth about 3 inches this evening

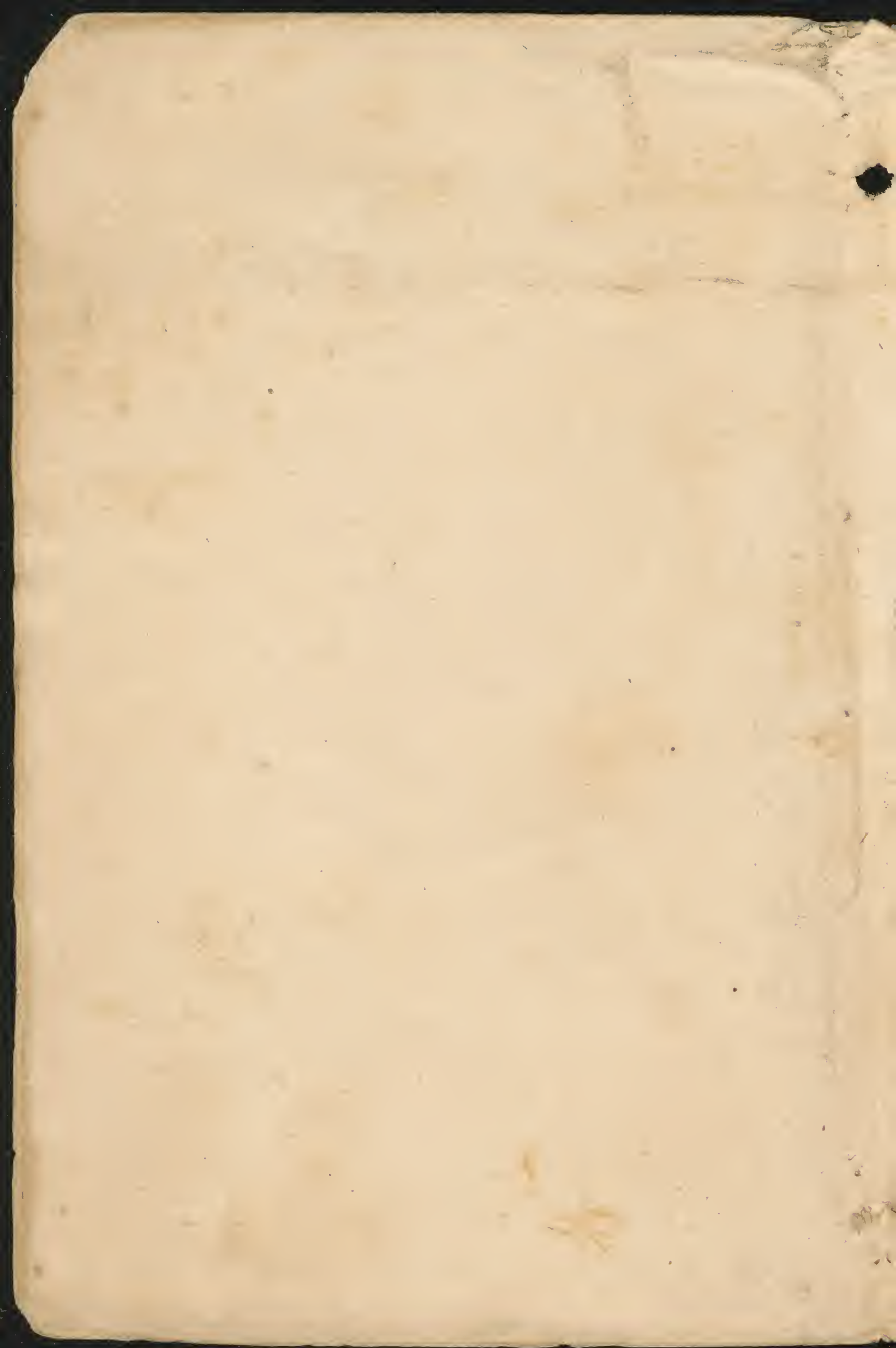
29<sup>th</sup> Clear, mod W.

30 Same — Evening cold freezing, wind NW,  
Blue bird, purple finch, meadow Lark, Jay.

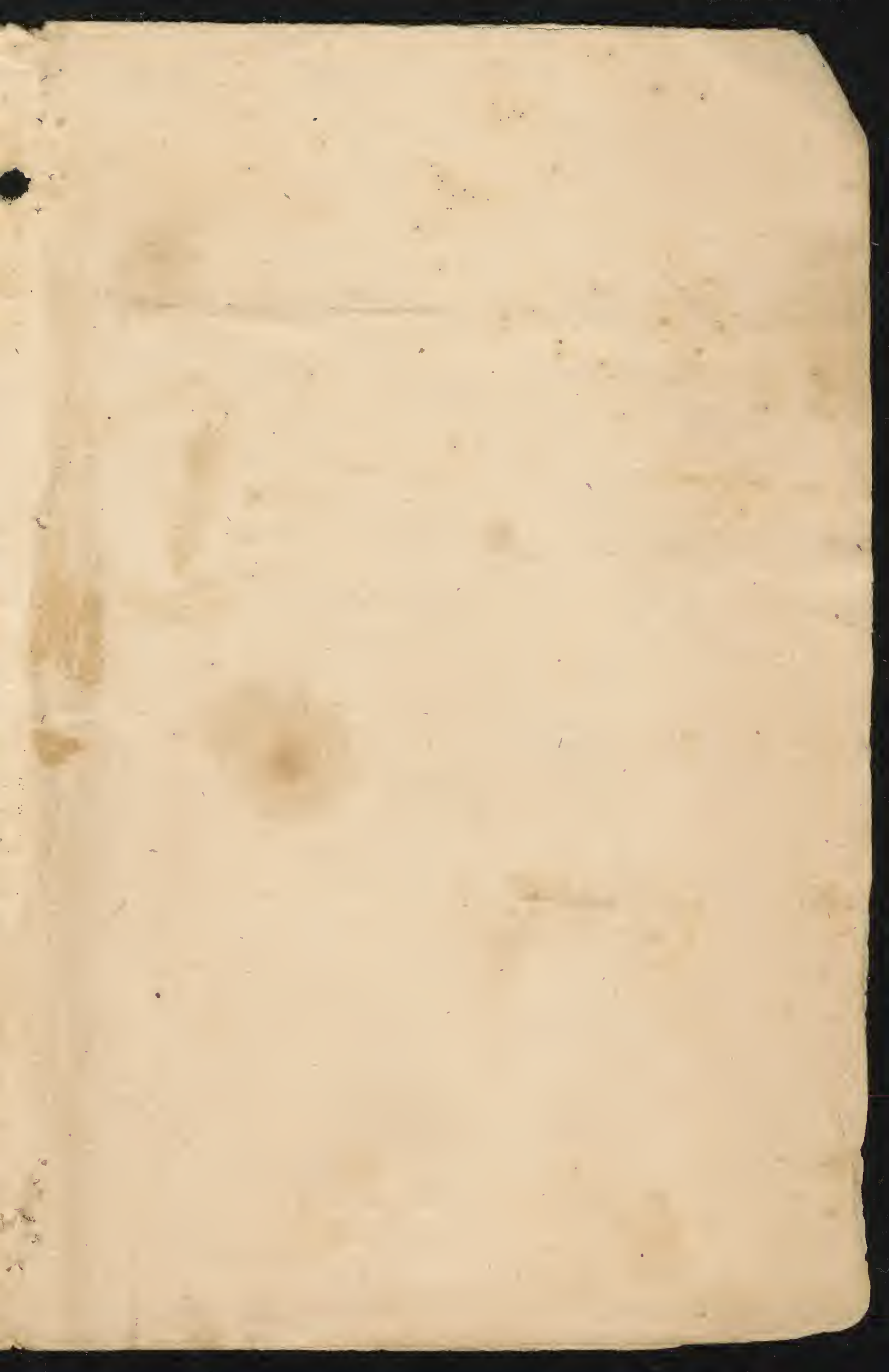
31<sup>st</sup> Same, hard freezing Wind variable

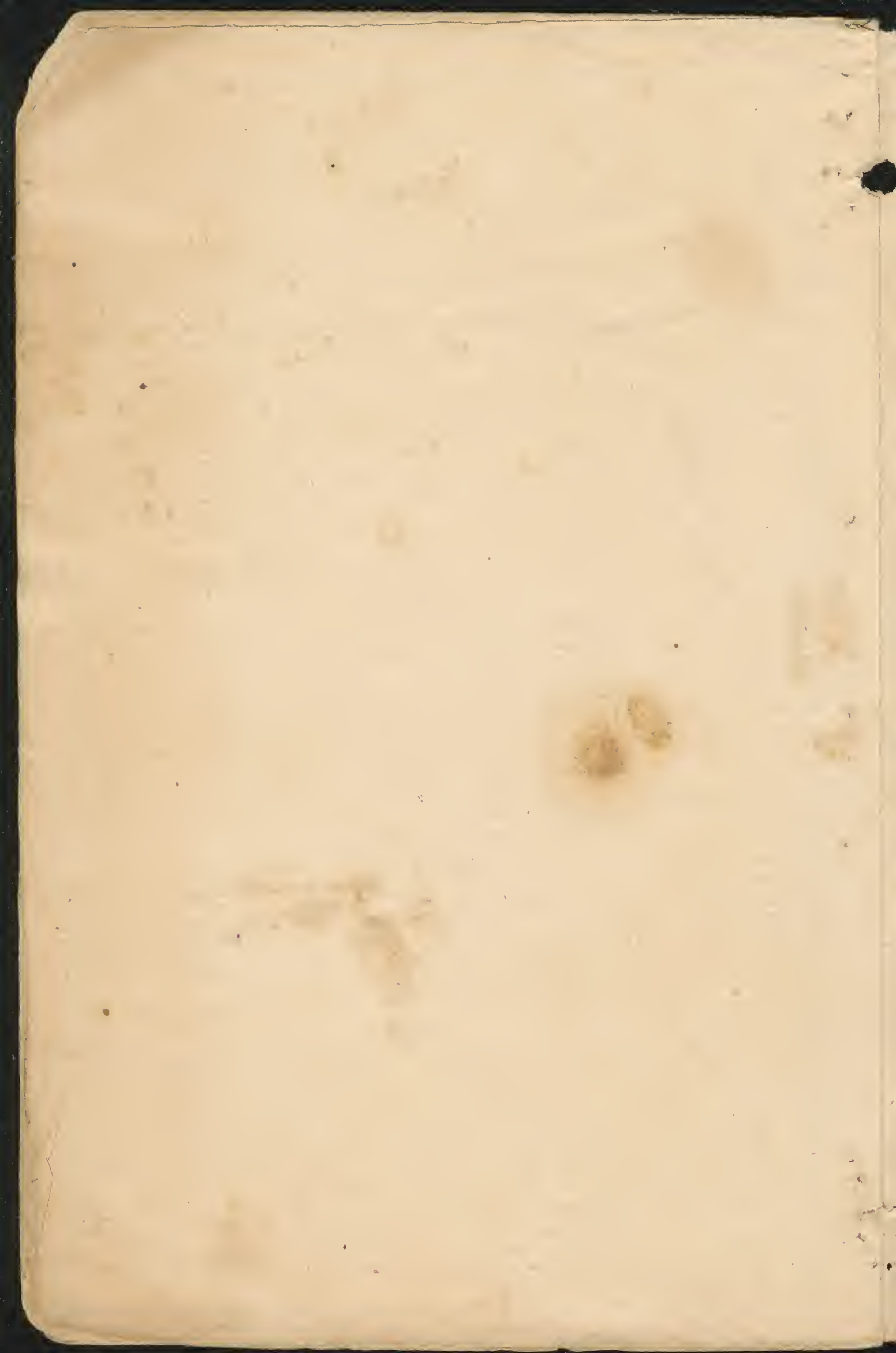




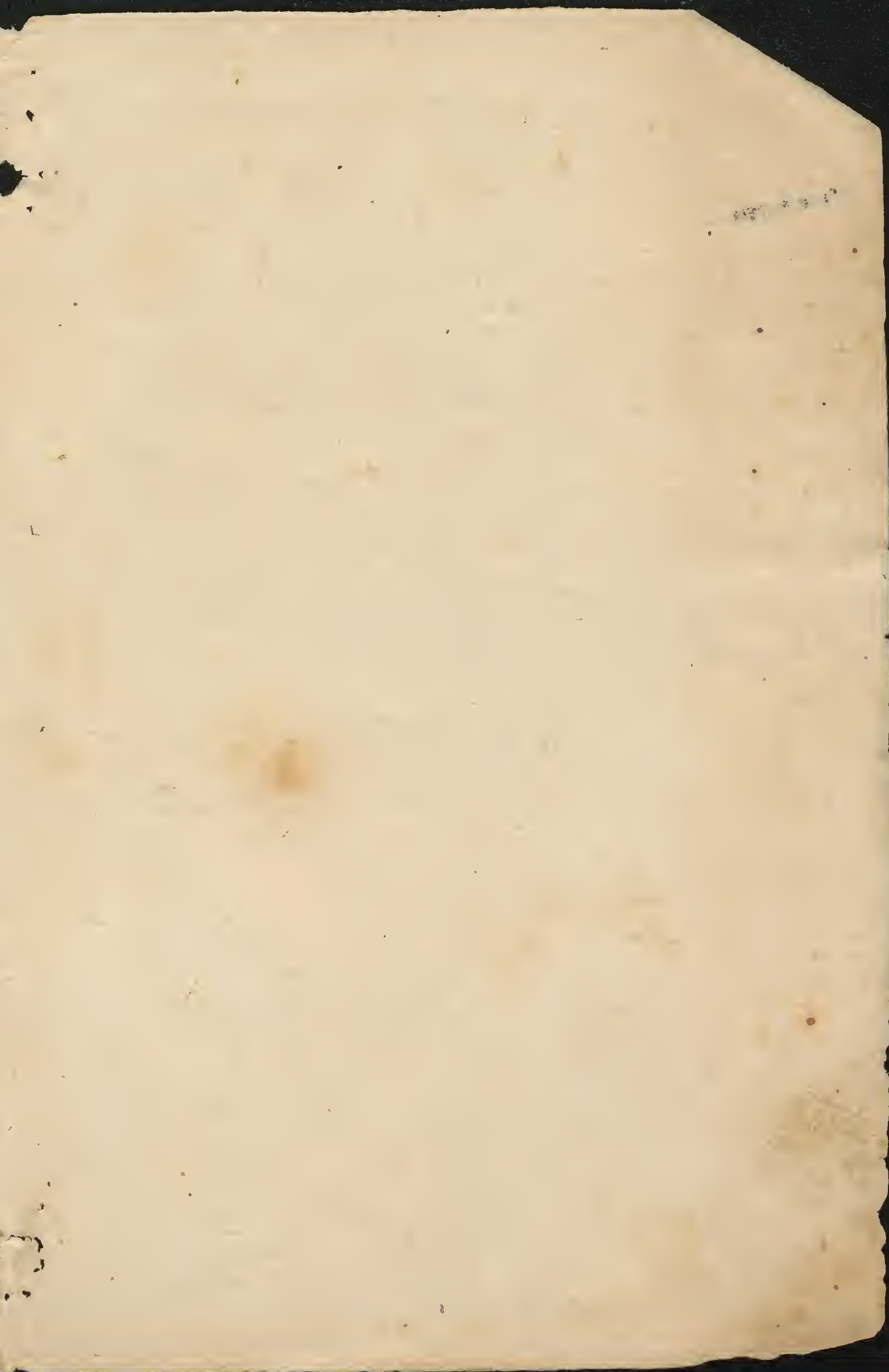












*Philadelphia*