

Diary of William Bartram
presented to Thomas Meekam
by his daughter
Ann Bartram Carr.

Presented by Thomas Meekam
to the Academy of Natural
Sciences of Philadelphia
May 11th 1885.

The Germantown Nurseries,

Chew St., below Gorgas,

Germantown, Philadelphia.

Calendar for the Year 1803,
including the last month of Ann^o 1802
which was generally moderate weather.
White-frost in the Morning, & warm pleasant
Day, or moderate showers, clearing at N. W.
& after frost enough to scale over shallow ponds
with Ice, which was melted before Night.
Till 16th when clearing up from N. W. after a
warm rainy day became extreme cold, & the
night of 17th froze Schuylkill completely over
18th people were sporting on the Ice of the
Delaware & Schuylkill. 19th moderated. 23rd the
Ice broke up, & by 25th no Ice to be seen. About
this time a very small Owl. was caught.
not much exceeding the size of a Sparrow.
(Capita levi). From this time to the end of the
Month moderate weather, a slight fall of
snow & Schuylkill scaled over with Ice, but
disappear'd next day.

January. 1. Hazy, but moderate, & hazy

2. Hazy & warm, wind E. & N. E. soon
calm & warm.

3. Snowed all last Night, wind N. E.

This morning snow 12 inches deep
the ground. Clear'd up after noon
erate, wind S. W. Little Horned-Owl about
the House hunting Mice.

4. Morning clear moderate & hazy, wind S. E.

Jan. 5th Hazy warm & thawing, wind. : 1803
varying between N.E. & S.W.

6. Rained last night. This morning
no snow to be seen. Clear afternoon,
evening cool & windy at W.

7. At midnight the wind came round to
N.W. & blew hard. This morning windy
and cold. Even. calm.

8. Clear blustering & cold; Wind-Clouds
flying all day from N.W. Even. serene
no ice in Riv.

9th Morning clear & cold. River frozen
over near half inch thick of ice, wind
between W. & S.W. Yellow-rumps, Blue Jay,
Blue-bird, Robbin, *Lonia cardinalis*, Crow,
Hawks, *Ampelis*, *Alauda magna*, *A. alpestr.*
Sparrows, Snow-birds, Partridges.

10th Morning hazy, & before noon cloudy &
thawing, afternoon clear at N.W. even, cool
Grey Eagle, Turtle-Dove.

11th Cloudy all day. wind southerly, evening
starlight. Bulcher-bird, Robbin, *Picus au-*
ratus, & several other species, Golden
crowned Wren.

12. Warm & showery all day. Wind S.W.

13. Same weather as yesterday.

14th Showery all night. Morning misty &
warm about 9 o'clock began to rain & by
continued showery all day. wind S.E. general

Jan. 15.th Clear about midnight. at
Morning clear & cool but no Frost. mod-
erate pleasant day. Spiders dark their
webs. Moles heave the ground, Wasps
and many winged Insects, flying about
Blue Bird, Robbin, *Fringilla purpurea*
Yellow lump, Turtle Dove. Many seeds
vegetate in the open Garden.

16.th Morning clear & cool, some frost
Wind W. at noon a dark bank of clouds
came from NW. which discharged some
snow & Hail the cold increases, but
serene wind NW. Blue Bird singing
this morning.

17.th Morning clear and cold, hard Frost
wind N.° W.

18. Forenoon clear & cold, wind W. After-
noon, cloudy & very cold wind rather by
evening more moderate wind W.°

19.th Last night severely cold, This morn-
ing Schuylkill fast frozen over near
an inch in thickness, cold blustering
day, flying clouds passing over from N.W.
evening more calm & moderate, Yellow lumps
Blue bird, Mocking Bird, Robbin, Dove
Loxia cardinalis.

20.th Froze severely last night. This morn-
ing clear; after sunrise, became more
moderate, wind S.° evening calm, cloudy.

January 21st Clear & cold hard 1805.⁴

Frost last night; freezing severely all day. Wind N.W. by N.

22 Clear cold Freezing weather Wind varying between S.W. & N.W. Yellow rumps. Blue bird. Dove, Red bird, Mock bird.

23rd Cloudy morning Wind S.W. Sun shone out mid day. Evening cloudy wind high from South warm.

24th Morning clear & cold, wind high from N.W. all day. Evening calm & more moderate. Wind southerly. Schuykill just frozen but navigation open in the Delaware.

25th Morning cloudy wind N.E. before noon, came round to S. warm, evening starlight but hazy. wind N.W. Ice

26 driving with the Tide.

Morning cloudy wind N.E. Afternoon varying between N.E. & S. moderately warm. Robin, Turtle Dove, *Tecus auratus*, feeding on Fruit of *Celtis*.

27th Cleared up last night, with a light fall of Snow. This morning wind N.W. Cold and blustering all day. Evening more calm & moderate.

28 Clear windy & cold; thawed little about Noon. wind W. Blue Bird Red bird. *Flicca*, *Passerons*, *Smilax rotundifolia*, *Prinos verticillatus*, *Hedera helix* fruit not in bloom.

January 29th

5 1803

Morning clear & very cold. Froze very hard last night. wind W.

30th Morning cloudy, with a light fall of snow, which dissolved before Noon & rain succeeded. Wind Southerly. cleared at evening Wind W.

31st Morning clear. Cold blustering day. Wind N. W. evening serene.

February 1st Cold frosty morning Wind southerly, became warm with the Sun rising, midday warm as Summer. Bees out of their hives, some Flocks of Duck in River.

2^d Foggy & drizzling, wind Easterly in the morning, changed about Noon with rain from South. Evening warm & misty. Several sorts of Ducks arrived from South on their return to the North. viz. *Anas nigra*. *A. boschas* *Mergus merganser*.

Flock of Bluebirds feeding on berries of *Prinos verticillatus*.

3^d Morning warm & drizzling, wind Southerly. cleared about noon with a Thunder-gust, from S. W. accompanied with high Wind, Rain, Hail and Snow, cleared off before Night. Evening blustering from N. W. & Freezing.

4th Clear & severely cold, freezing hard all day, wind W. & S. W. evening calm & more moderate.

5th Froze severely last night. morning clear Wind S. E. grew hazy after Sunrise & continued increasing, till towards Sunsetting, when it began to snow, evening wind N. E.

February 5th

Flocks of Robbins, feeding on fruit of *Celtis*
Pasimmons, & Red Cedar. *Prinos auratus*
& blue bird comes in for shares.

6th Rain all night & all this day, wind South
Ice driving in Schuylkill.

7 Warm & Misty all Day wind South
Schuylkill clear of Ice. Robbins, glean-
ing the Trees & Shrubs, of their fruit,
such as *Celtis*, *Diospyros*, Red Cedar
Prinos &c

8th Misty & warm, frost nearly out of the
ground. Winter *Acornite* (*Heliborus. Hiem-*
-alis) above ground also, *Crocus verna*, (*Gal-*
-anthos, & tulips. Robbin sings, Redwing
Black-bird (*Oriolus phoeniceus*) arrived.
Snow birds begin to associate, meditating
their departure for the North.

9th Froze Ice this morning on ponds
wind Easterly, midday warm and
pleasant as May. towards evening cloud-
ed up at w. a little sprinkling of Rain,
afterwards, cleared away cool.

Spiders dart their webs, Peach Trees
begins to assume a redish colour in the
last years growth, & their blossom-buds be-
gin to swell.

10th Cold windy day, wind playing
between N. W. & North.

11th Plentyfull white-frost. Clear
warm pleasant day, Wind southerly

February 12th

1803

Cloudy morning, & chilly, wind N.E.
Before noon became warmer, wind S.E.
heavy dark clouds from South W. showery
toward evening. Turtle Dove, sparrows
sing. (*Fringilla rufa*)

13th Showery all night & constantly this
day wind south, about sunsetting wind
came about N.W. Valentine Eve.

14th Cold rain & sleet all night, wind S.W.
This morning cold & freezing, & continued
very cold & blustering all day, wind N.

15th Morning cloudy & freezing, chilly all
day wind northerly, sun shone out midday.
Evening cloudy & chilly wind N.E. like
for snow. Turtle Doves in flocks.

16th Morning cloudy & extreme cold wind
high N.E, which increased all day, after-
noon began to snow, Evening stormy.

17th Stormy snowy night, Morning very
cold, snow about 4 inches deep on the
earth. cleared about noon, & became warmer
& thawy, wind westerly, Evening cloudy &
warmer, calm.

18th Cloudy & cool, wind northerly, sun shone
out midday, afternoon thawy, wind S.W.
Turtle Dove, Blue-Bird.

19th Morning clear wind W, froze Ice
and the surface of the Earth also.
pleasant moderate day. Helibones
hemalis in flower. Evening cloudy

February 20th

8

Lowery morning, cloudy day, warm
The snow nearly melted, wind S. E.
Little Owl. (*Ninox asio*) whistles this
Morning about Daybreak. Robbin
seeks his Mate. Blue bird also. Evening
cloudy & dark, wind N. E.

21st Cloudy morning, cleared about
noon wind S. afternoon & evening
warm & moderate. Orioles (*phoeniceia*)
in small flocks, pass by
Meadow Lark *clauda magna*
field mice.

22nd Morning misty, cleared before
noon pleasant warm day.
wind southerly.

23rd Clear pleasant warm day,
green winged Teal passing to the
North. Gracula *purpurea* (crow-Black-
bird) arrived. Evening cloudy, wind S.

24th Cloudy chilly day with gentle show-
ers, from N. E. wind northerly at evening

25th Morning cloudy, wind N. E.
cleared afternoon, wind N. extreme cold.

26th Froze very hard last night. A very
cold morning till noon, when more
moderate, clear wind easterly.

27th Plentiful white Frost. Clear pleasant
temperate weather, wind S. W. Turtle Dove
Rice vegetates in open air.

February 28.th

1803 9

Plentiful white Frost & some Ice on Ponds.
after Sunrise became cloudy & thawy.

Evening Cloudy & warm: like for Rains.

Flocks of Ducks passing northward.
Sciurus striatus (Ground-Squirrel)
come out of his winter quarters.

Primula in flower. Wind S. E

March, 1.st

A snow-squall from N.W. about day-break,
cleared before noon, the wind high, flauy
and very cold. Evening clear.

2^d Morning clear froze extreme hard
last night & this morning betwixt
day break & sun-rise generally supposed
to be colder than at any time last winter.
A man was found frozen to death. This morning

3^d. Wind S. E.^t

Morning clear, hard frost, sealed Schuyl-
kill over, but the wind coming from south
soon became, a warm pleasant day & the
Ice disappeared. Evening calm & cool
Turtle Dove, Blue bird, Sparrows. sing

4th Morning clear plentiful white frost.
Warm pleasant day. wind S. W. by S.
great numbers of Ducks in Schuylkill
from the south.

5th

Clear, chilly, & unpleasant all day
Wind Eastward.

March 6th

10

- For noon cloudy wind brisk from N.E. clear about noon, moderate wind E. Halo round the Moon 10 o'clock in the Evening. Blue bird pair.

7th

Snow this morning, cloudy & chilly all day, wind playing between E & N.E. evening calm, & warmer wind S.E.

Scolopax minor s. arvensis (Meadow-Lark) arrived. *Alauda migratoria*.

8th Snow last night. 3 inches deep on the Earth this morning. Cloudy chilly day. Wind N.E.

9th

- Clear & moderate, wind N.E. in the morning afternoon S.E. evening serene

10th

- Clear pleasant day, wind S. & S.W. shifting.

11th

- Clear pleasant warm day wind southerly. Spring-Frog whistle. *Scolopax rufa* (Wood-Cock) arrived. Flights of Redwings pass notherly all day. Snow birds, & other Sparrows assemble, meditating, their journey to the North. Yellow Bump and Cedar bird, appear. Killdeer (*Charadrius vociferus*) sing.

March 12th

1803.

Warm spring weather, wind southerly

Robin (*Turdus migratorius*) sing

Red Bird (~~*Geothlypis*~~ ^{*Loxia*} *cardinalis*)

Cowpen bird. Oriolus phoenicea sing.

13th Cloudy morning, wind N.E.
Sun shone out at midday. Evening
Rain.

14th Morning cloudy and misty, cleared
about noon Wind N.E. pleasant
Warm day. Evening cloudy, wind
high at N.E. Large flights of Black-
birds (*Oriolus phoenicea*) with (Brow-
Blackbirds (*Gracula*) associated with
them. And Ducks, passing nothing
Some Wild-geese have passed. (*Anas*
canadensis. Wood-cock pair.

Tussilago farfara in flower.

15th Clear & warm Wind S. Turtle Dove
coos. Pewee arrived. Shad-Frog.

16th Clear warm day Wind S. Alder
in flower. Large flights of Wild Pidgeons

17th Morning lowery, afternoon and
Evening cloudy, with light showers
of Rain. Wind N.E. Alder in flower

18th Cleared away this morning wind
S.W. pleasant warm Day. Narcis-
sus, Galanthus in flower.

March 19th

12

Clear, warm growing weather, wind southerly. - Aurora borealis, this evening.

20th

Misty morning, wind N.E. light Rain most of the day, Thunder westward this Evening.

21st Clear & moderate wind S.W.

Shad & Herring, brought to market. et. Pewit, build their nest.

22 Morning clear and cold wind

N.W. The ground in some places, hardened by frost. midday very warm. evening cloudy & chilly wind northerly. Elm Maple, & Corylus ovalana, in flower.

23. Rain & snow most of the day wind N.E.

24th

— Cold cloudy morning wind S.W. cleared about Noon wind at N.W. evening calm & serene. moderate.

25 Clear & cold ponds sealed over with Ice, wind N.W. Evening more moderate

26th Cloudy & hazy after a White Frost Corylus in flower.

27th Cold frosty morning, wind N. all day.

March 28th 1803.
Hard frost: ponds. Ice over & thawed
little all day. wind high at N.
Evening calm & more moderate

29th Cold morning, hard frost: ponds
cover'd with Ice; wind northerly fore-
noon, afternoon S. W. warmer.

Persian Iris, dwarf Blue Iris, Hepat-
-ua Draba, blue Hyocyntk in flower.

30th White frost wind southerly, warm
growing weather. Wild Geese &
Bank Martins passing northerly
all Day. Saxifraga, rupestris,
Arabis rupestris, & lyrata in flower.

31. Red Sun (dry misty weather) wind
E. Bank Martin passing northerly
in large flights, flying high.

April 1st

Misty morning, cloudy all day.
Wind Easterly. Barn Swallow arriv-
ed Hyocyntk in flower.

2^d Warm growing weather, wind
South.

3^d Warm growing weather. Bank
Martins, & Barn Swallows, passing
to the north. Husbandmen sowing
spring. Barley & planting early Potatoes.
Flax & Hemp above ground. Pasture
grounds assume a pleasing green hazy

April 4th Fine weather, shad caught ¹⁴
in great abundance, Gardeners, busy
at sowing & planting excellent vegetables.

5th Cool. wind blustering from Nor.th
Blue bird, Robbin, Pewit build their
Nests. Violets in flower.

6th Morning cool, some frost on cold
dry lands, wind N. Afternoon
wind S. warm. Sanguinaria
Anemone Thalictroides, An. Hepatica
Mespilus niva in flower. Mataulia
grisea arrived from south.

7th Cool morning wind N. afternoon
Warm & pleasant. Quaw Bird
(*Ardia nycticorax*) arrived.

8th Clear & warm growing weather
afternoon Thunder & light showers
from West.

9th Cool wind North

10th Morning cold, frost, some Ice
we apprehend much young frost
destroyed by it. Evening moderate
wind southerly.

11th Misty, Red Sun. Thrush (*Turdus rufus*)
arrived.

12th Red smoky Sun very warm at Noon
Wind E. evening hazy wind N. E.
Dentaria encaphylla, in flower.

13th

April 13th

1803

Smoky Sun, hazy evening dark
and misty wind S. W.

14th Misty, Sun appeared, 2 or 3 hours
about midday red as blood, through
dry mist or smoke. Evening hazy
& dark. *Ardia Herodias* arrived

15th Cherries Plum & Pears in flower.

Morning misty, Wind N. E.,
began to rain about noon, when a
density of the Atmosphere was so
great that it became almost neces-
sary to light Candles to dine by,
& shortly afterwards, the Wind &
rain increasing, became a tempestuous
Evening. *Tewink* (*Tringella eryoth.*
rostrata may) arrived.

16th Cold drizzling rain, sometimes snow
& small hail. Wind N.

17th The earth covered with snow this morn-
ing, but soon melted yet continued snow-
ing all day, which desolved as soon as
it fell on the Earth Wind N. evening
calm & warmer.

18th Clear & cool, some thin Ice this morn-
ing wind N. at noon N. E. evening E.
Motacilla rubicilla, *Luercus rubra*
in flower.

19th Clear & cold wind N. W.

April 19.th Morning cool extraordi-¹⁶
nary heavy dew, midday very warm
wind E. evening cool. wind N. E.

20th Cool some Frost, wind N. E.
evening cloudy.

21st Cool morning, chilly day, wind E.
Humming bird, Apple, & Judas Tree
in flower. Glow worm, sparkles.

22^d Clear & moderate, wind N. W.
evening cloudy wind N. Tree Frog
summer Yellow Bird. *Ciris cana-*
ensis, *Viola pedata*, *V. palmata*,
Bartsia coccinea, *Helonias bullata*
Trilium erectum, *T. sessile*, in flower.

23^d Clear very warm midday hazy
after noon, Evening cloudy. Wind S.
Tree Frog.

24th Morning & forenoon hazy & warm
wind S, afternoon clouded up from
W. Rain, evening wind N. E.
Cat bird arrived.

25th Stormy, with Rain all Day
wind N. E.

26th Forenoon tempestuous Rain & sleet
Afternoon more moderate wind
N. E. evening starlight.

27th Clear, yet a furious wind from N. E.
Evening more calm. Whip-poor-Will,
Bats flying.

April 28th

1803.

Cloudy day, evening misty wind N.E.
Halesia tetraaptera, *Claytonia Thalictri-*
um tenelle, *Arabis bulbosa*, *Celtis occident.*
in flower.

29th Cloudy warm growing weather
Apples, Pears & Plum in full flower
Fishing Hawk arrived, from south

30th Clear & very warm at noon after-
wards a light shower of Rain, evening
cooler. Wind southerly.

May, 1st

Morning misty, cleared before noon
Warm, growing, showery day. Dogwood
in flower Olive Flycatcher arrived

2nd Last ^{night} Lightning Thunder & Rain
Morning clear & cool. Wind North.
Halesia tetraaptera in flower.

Merula pelagica, *Turdus minor*
arrived.

3rd Frost this morning, wind north.
Midday warm, evening mild, wind
wind S. E. Baltimore, Yellow throat,
Yellow breasted Chat arrived.

4th Cool morning wind E. even-
ing cloudy. Red head (*Peucaea arietina*)
Muscaesopha tyrannus (King-
bird) arrived.

18
May 5th

Rain all the forenoon, wind E.^t
cleared after noon wind W.^t

6th Cool windy day wind N. W.
Evening very cold.

7th Clear & cold, hard Frost this morn-
-ing. Ice on ponds young shoots
of Trees & shrubs killed by the Frost,
particularly Passimmon, Red Mul-
berry, Magnolia glauca, M. tripect-
-ala Phaseolus & many others.
Cuculus carolinensis, arrived from
south. & Summer Redbird.

8th Rain last night with Thunder & this
morning the Earth covered 2 or 3 inches
deep with Snow, & the Trees loaded with
it which broke many to pieces: contin-
ued snowing till 9 or 10 o'clock wind
N. E.^t clear before night; evening calm
& cool.

9th White frost & some Ice, clear
cool ~~Day~~ Day wind westerly

10th White Frost

11th Pleasant warm day.

12th Hazy & moderately warm
Blue Bird brought out their
young Broods. Iris various
species in flower.

May 13th

1803.

Hazy & warm, afternoon Thunder & some
rain from west. evening cloudy, lightning
Rice Bird, Yellowbreasted Chat arrived

14th Clear Temperate weather, wind
S. E. most of summer passinger
Birds arrived,

15th Hazy, moderate growing weather
wind S. E.

16th Hazy & moderate. Planting Indian
corn. *Nymphaea adenica* in flower

17th Clear warm day, rather hot

18th Hazy very warm wind S.

19th Hazy forenoon, evening cloudy
and cool. wind N. E.

20th Hot day, wind variable Thunder-
showers from E. & N. W. afternoon
clear at evening. wind N. Aurora-
borialis.

21st Morning clear & cool wind N.

22nd Cloudy with slight sprinkling
of Rain

23rd Hazy wind S. afternoon cloudy wind
N. E. evening Rain.

24th Cloudy & misty, wind high at N. E.

25th Cloudy & cool, wind N. E.

26th Cloudy & cold wind N. E.

27th Clear & cold wind N. E.

May 23th The same weather ²⁰
as yesterday

24th Hazy very warm midday. wind S.E.

30th Cloudy & misty. Wind E.
Syrax grandifolium in flower
& Lightning-Flys.

31st Heavy rain this morning, show-
ery all day. wind Easterly

June 1st

Morning clear warm & pleasant
afternoon cloudy westward Even-
ing Thunder & Rain from N. W.

2^d Clear & moderate wind north-
erly. Female Rice-Bird passing
to the north, after the males to breed.

3^d Showery wind southerly.
Guilandina dioica in flower

4th Nymphaea odorata in flower.

Clear forenoon. afternoon clouded
up from W. with heavy Thunder
showers.

5th Heavy showers of rain. but no
Thunder. evening clear wind N. W.

6th Clear & cold wind N. W.⁺

7th Misty, growing weather, Hesperian
Fly destructive to grain: particu-
larly wheat, by preying upon its
tender stalks.

June 8th Clear & Warm wind ²¹ 1803
northerly. *Kalmia latifolia*, *R. angustifolia* in flower.

9th Same weather

10th Cool morning, very hot about noon

11th Hot & dry, Wind S. W. Lightning
N. E. at evening.

12th The heat very oppressive wind S. W.

13th Very sultry afternoon some
wind from S. W. with Thunder
clouds from different points round
the Horizon.

14th Very hot & sultry wind S. W.
Thunder, Showers afternoon
eastward. *Cornus alba* in flower.

15th Cloudy & cool, wind Easterly.

16th Cloudy & sultry, misty till 11 of clock

17th Hazy & sultry after a Foggy morning

18th Foggy morning. hot & sultry day
Thunder - gust southward wind S.
Cornus sericea in flower.

19th Foggy morning. Midday very sultry
showery afternoon from S. W.
Eriogonum Philadelphicum in flower

20th Cool pleasant day wind N. W.
Spirea lobata, *Cornus sericea*,
Sambucus occidentalis (Black Elder)
Rhododendron maximum, *R. arom.*
Ceanothus americanus, in flower.

June 21st

Clear & cool wind N. W.

22^d Hot & dry wind. Southerly.

23^d Extremely hot & dry, vegetation suffers, grass becomes dry in pastures

24th Hot & dry wind S. W. no dew to revive vegetation

25 Exceedingly hot & sultry wind S. W. Barley Harvest.

26th Sultry, afternoon, thunder-showers N & E. wind varying from S. to E. Evening lightning N. W.

27th Thunder showers, round the horizon, yet the upper district of Kingsess received, little Rain

28th Thunder showers, round the horizon all day, but none heavy evening serene & cool, Wind W.

29th Morning cool & clear wind N. W. evening hazy wind southerly Barley Harvest. Libellula appear in abundance. Spizella monticola Hammercallis fulva in flower

30th Clear cool morning, heavy dew midday warm, wind S. W.

July 1. Hot & sultry. No Rain surface of the Earth dry & dusty little verdure in fields & gardens

July 2^d

Morning cloudy. Midday extreme hot & sultry. Thunder showers round the horizon, but little rain fell in upper district of Kingsess. Evening moderate rain from N. E.

3^d Morning cloud & cool wind N.E. evening calm wind southerly

4th Clear & cool. wind Northerly

5th Cool clear & dry wind S. W.

6th Hot & dry, No dew. fields so dry as to be in danger of taking fire, grass as dry as hay, except in low moist places, wind S. W.

7th Hazy & cooler, evening cloudy wind N. E. as it was all day. *Andromeda arborca* in flower

8th Hot & dry, after a foggy morning wind N. W. evening sultry wind S.

9th Hot & sultry, light thunder shower afternoon, evening sultry & cloudy wind westerly.

10th Morning cloudy. win N. E. after noon, clear & dry. wind S. *Siphium perfoliatum*, *Corylla racemiflora*, *Monarda didyma* in flower

11th Morning cloudy, cleared after a Rainbow in the East. A Thunder shower from west past over-rained heavily for 15 minutes, evening clear

July 12th Sultry burning day ²⁹

13th Same as yesterday a Thunder
shower pass'd by southerly. Summer
Locust (*Cicada septentris*) Green musical
Cricket (*Tellegonia musca*, ²³⁸ Oat harvest)

14th Hot & sultry wind S. Evening cloudy.

15th Hot & dry wind S. & S. W evening
Lightning in the North.

16th, 17th Same dry hot weather wind S.

18th close sultry weather wind S.

19th Pentstemon sedoides in flower

19th Clear & cooler air dry wind nther-
ly. *Cicada solitica* Oat harvest

20th Apples & Pears ripe

Hot & dry. wind S. & S. E.

21st Same. Lightning Fly innumerable
20^d in evening.

22^d More moderate but very dry

23^d close sultry day, Evening light-
ning in W. Drouth oppressive
to Vegetation. Little Dew at evening

24th Extremely hot & Sultry be-
fore noon, Afternoon Thunder clouds
westward which towards evening
overspread the hemisphere & shed
refreshing showers, on the parch'd
The Chester Earth.

25th Sultry cloudy day. Sow early Turneps.

July 26th

25 1803.

Cloudy, afternoon a fine shower of Rain from S. Evening cloudy wind N. E. & cool.

27th Rain in gentle showers most of the night & this morning. Clear about Noon with rather & cool. Evening serene. Cate. did. it chatters this evening (*Telegonia laurifolia*)

28th Clear & moderate wind rather.

29th Hot & dry wind westerly

30th Sultry & very hot, the wind N. W.

31st Sultry dry Air, some slight Thunder showers but of little relief to Vegetables: The Earth dry to a great depth.

August 1. Showers of Rain from S. W began early this morning, & continued all all day, cleared up at N. W. evening serene & cool.

2^d Morning coll wind N. W
Midday warm evening sultry wind S. W.

3^d Clear dry & Sultry. Birds, cease singing, except Blue Linnets & some other species of Frongills.

4th Forenoon sultry hot & dry to an extreme afternoon Thunder & moderate Rain till Evening.

August 5th

26

Dry & cool win N. evening calm
wind. S. sow Turneps

6th Dry & hot wind S. some rain
passed southerly. Lightning flies
are nearly gone.

7th Morning cloudy, afternoon rain:
the most plentiful & refreshing show-
ers since May.

8th Light showers during the Night.
Mistling rain this morning, Sun
shone out, at Noon. Afternoon heavy
showers till evening. Wind shifting
between N. E. & S.

9th Warm & showery all day with
little Sunshine. some lightning &
Thunder, Evening sultry, continued
lightning S. W.

10th Clear & temperate till Evening
sultry, & light shower from west
with lightning but no Thunder

11th Clear & moderate, Wind westerly
light Thunder showers, round the
horizon. Malignant Fever in
N. York.

12th Clear & moderate wind W.

13th Morning clear, very hot & sultry
midday wind S. afternoon cloud-
ed at West heavy showers of Rain, Thunder
& lightning.

August. 14th - 1803.²⁷
Cool & pleasant wind
variable, between N.E. & S.W.

15th - Moderate Evening & Morning
Partridge resumed their Winter
Language

16th - Cool & pleasant weather.

17th - Clear & very warm midday, aft-
ernoon cloudy westward, Evening sultry.
Lightning at almost every point
round the horizon.

18th - Cool mornings & evening hot
at midday

19. Cool morning, temperate day

20th - Clear & moderate forenoon, after-
noon cloudy & sultry. Evening cloudy
& cool wind N.E. misting rain

21. Hot & sultry forenoon, afternoon
a Shower of rain from N.W. evening
cool.

22. Cold morning wind N.W. clear
evening very cool, Sparrows moul-
ed from north.

23^d - Clear & cool wind northerly
A fine northern light this even-
ing (Aurora borealis).

Partridge

29

August 24th Cool morning, midday hot
Evening calm & warm.

25th Clear & very hot midday.

26th Clear hot day, Wind Easterly

27th Morning, Foggy. Air smoky evening
cooler, sun sets fiery & red. wind
S. W.

28th Clear & dry wind westerly

29th Clear & dry very hot midday even-
cool brisk wind at N. E.

30th Same weather & c

31. Cool, dry, & hazy wind. S. evening
cloudy, wind N. E.

September. 1. Cloudy & cool wind N. E.

2^d Cool & dry wind northerly, cloudy.

3^d Cool & dry wind N. W. Buck wheat
in blossom

4th Cool morning wind Northerly even-
ing warm & hazy wind S.

5 Moderate day: rather hot about
Noon. Evening cloudy wind S.

6th A light shower of Rain in the Night
accompanied with some lightning
& Thunder from west, This morning
clear & cool wind N. W. evening
very cool for the season.

September 7th

1803²⁹

Morning very cold, perhaps some
Frost at no great distance from the
Tide Waters, wind N. W. Evening
calm but very cool.

8th Cold & Dry wind N. W.

9th Same weather

10th Warmer, wind variable

glow worms sparkle in the grass

11th Clear & Dry wind Southerly

Wild Pidgeons, arrived from north
Poke berries, & wild Grapes ripe

12th Same wind & weather all

vegetation suffers by the drought.

Malignant-Fever prevails in the City
to the great terror of its inhabitants

13th Mistling Rain, this morning

& Evening, wind Easterly.

14th Misty morning cleared about

10 o'clock wind S. E. evening calm
& warm.

15th Morning misty, cleared about

10 o'clock wind S. clouded up from

S. W. afternoon, began to Rain afternoon

Inter-mittent, heavy showers, with some
Lightning & Thunder, Lightning Flies

(Lampyris) streaming through the air

16th

September 16th Clear & cool wind
Notherly Evening calm wind W.

17th Morning clear & cool, Afternoon
& Evening cloudy wind S.

18th Clear & cool, wind notherly.

19th Cool morning, some white frost
pleasant day Evening calm
Malignant Fever, prevails in
the City. People, alarmed, many
Families flying into the Country
The same Terrible Fever. In Alex-
andria in Virginia. & N. York.
Harrisbourg on Susquahana, very
sickly also.

20th Cloudy wind N.E. Evening ^{Rain}
& wind S.

21st Cool wind notherly

22nd Same as yesterday.

23rd Foggy morning, hot medday
Fever yet mortal in City

24th Foggy morning medday hot as
Summer evening cloudy wind E.

25th Rain wind notherly. Cleard
about Noon, Evening cold wind N.

26th Cool wind N.W.

27th Dry & cool

28th The same

1803

Sept. 29th Cool morning wind W.
midday hot evening cloudy
& cool wind N.E. House Swallow
& chimney-bird left us, & Bank Martin
passing daily in large flights southerly
Cat Bird Red & wood Thrush are yet
with us. Sowing Wheat, Barley & Rice

30th Cool & clear, wind northerly, evening
cloudy & warmer

October 1st Cool clear & dry, wind N.

Flights of Birds pass in southerly
by Moon light.

2^d Foggy morning, midday warm
Evening serene. Glow worm, Cat
Bird, Towee Bird, Blue Linn et yet
with us. Yellow rump (Parus virginic.
arrived in flights from north feeding
on Cedar berries.

3^d Morning cloudy wind N.E. evening
Rain & stormy. Turdus rufus yet
with us.

4th Cool & clear wind northerly

5th Same evening hazy & warmer
wind southerly.

6th Clear & moderate wind W.

7th Same weather as yesterday

8th Smokey sun, hot midday, Red
Thrush. Pewee Cat Bird, yet.

October 9th Cloudy wind N. E.

Asters, Golden rods, Helianthus
Rudbeckia, Coreopsis, in flower.
Loxia curvirostra arrived from N.

10th Same as yesterday

11th Morning warm & foggy, midday
hot Thermom. 70.

12th Cloudy, wind N. E. evening
Rain. warm.

13th Morning, cloudy with light shower
of Rain, cleared about noon very
warm Therm. 70, at noon, 72 at
Evening. Lightning in West. Wind
S. W.

14th Light shower of Rain in the Night
Pleasant Temperate Day Therm. 72
at Noon.

15th Morning cloudy, cleared at
Noon, Evening clear & cool wind N. W.
Therm. 64.

16th Clear & cool wind N. W. Ther. 60.

17th Clear & cool Wind N. W. high and
blustering. Therm. 52.

18th Cold morning but no appearance
of Frost. wind N. W.

19th Clear & moderate, afternoon
cloudy. Evening drying Rain
wind S. W.

33 1803

October 20th Clear & cool, wind N. W.
Evening cold wind. N.

21. Cold morning. Little white Frost
pleasant warm Day wind W.
Evening hazy & calm

22. Temperate (I went yet with
us. some Astors & Goldenrods yet
in flower. Snow Bird arrived

23. Temperate, clear & dry Even. cold.

24th White Frost this morning. Pleasant
warm midday. Evening calm

25th Temperate Therm. 66. wind
Easterly.

26th Warm & dry, Therm 72. wind
Easterly. Evening warm & cloudy

27. Misty morning sun shone about
noon very warm Therm. 68. ~~Evening~~
calm warm & cloudy.

28th Morning misty, cloudy all day
Evening misting Rain, warm

29th Mock bird on his passage southerly,
misting Rain. cleared afternoon.

30th Cool blustering Day wind NW.
Some rather ~~glac~~ Therm. 54.

November 1. Clear cool & dry

2^d Clear cool & dry. wind northerly

3^d Temperate. Evening cloudy.

34
November 4th Cloudy. Temperature
5th Cloudy & moderately warm,
Evening light Rain wind E.

6th Gentle showers, moderately warm
Till afternoon, cleared at N.W.
Evening cold & blustering.

7th Cool, Evening wind N.W. high
and blustering.

8th Ice this morning & the ground
hard frozen. Mockbird, yet with
us, being northern passagers, on their
journey southward, feeding on *Smilax*
Rhamnus cath. *Pursh.* *Hedera* &c.

9th Ice & the Earth frozen this morning
clear cool day with high N.W.

10th Skim of Ice on shallow Pond.
wind N.W.

11th Ponds continued frozen over all day
wind N.W. Evening very cold and
freezing.

12th Ice near an Inch in thickness on
ponds wind N.W. afternoon wind
strong from S. evening warm

13th Cloudy wind S. evening Rain

14th Cloudy & warm wind E.

15th Cloudy moderately warm
wind N.E.

16th Cloudy & cool wind N.E. Even-
ing tempestuous.

17th Cloudy & light Rain forenoon, cleared
afternoon cool N.W.

November 18th

1803.

Clear & cold wind N. W. Mock bird

19th Same weather, rather moderate

20th Severe frost last night, moderate

Day wind southerly. Evening cloudy

21st Rain this morning, wind N. cleared
towards evening, wind E. moderate

22^d Clear & cool, wind N. W. afternoon &
evening moderate.

23rd Clear pleasant moderate day after
a plenty of white frosty morning
wind southerly

24th Cloudy morning, cleared afternoon
Evening moderate. wind S. W.

25th Morning clear & moderate, Afternoon
cloudy & raw air, wind northerly

26th Clear & cool wind N. W.

27th same, exceeding dry Streams of Water
dried up & many Water Mills are
much retarded in their operations

28th Clear pleasant weather, Woodcock.

29th Cloudy & chilly all day

30, Morning cloudy, Evening fair wind
N. E.

December 1st Warm showers of rain

2^d Clear cold, & blustering wind N. W.

3^d clear & pleasant weather

4th White frost, moderate pleasant Day

26
Extract from old voyages & Travels to
America, Concerning the Articles for
Victuals, used by the Indians (or Natives .ie.
The seed of an herb, resembling Cragwort[†];
The plant grows about 3 feet high. of the
seed they make a thick broth or pottage of
a very good taste; of the stalks burned to ashes
make a sort of salt, used to season their broths.

An herb in form of a Mangold[†], 6 feet
in height, the head of flowers a span in breadth
(*Planta solis*.) of the seed they make bread
and broth. These plants they cultivate for food.

* *Lambquarters*, or?

† *Helianthus annuus*. Sunflower.

[The text on this page is extremely faint and illegible. It appears to be a handwritten entry, possibly a list or a series of notes, but the characters are too light to transcribe accurately.]

December, 5th

Morning serene. Therm. temperate
midday warm as summer, Butterflies
flying about, flowers in the Garden
6th Dark foggy morning until 11 o-
clock the Sun shone out dimly
very warm midday, wind South
Evening warm & cloudy wind S.E.
Grasshoppers Scarabii & abundance
of Flies & other Insects, sporting in
the Air.

7th Moderately warm; no frost, wind N.E.

8th Cloudy wind N.E. Rain & stormy
this Evening.

9th Clear & pleasant. Temperate

10th Forenoon clear, Evening cloudy
warm wind southerly. Mock
bird, Blue bird, Redwing, Robin
Pheasant, Woodcock, yet with us
Dandelion, Herb. Robert, Veronica
arvensis, Houstonia, Alsine in flower
in open garden.

11th Warm & cloudy, wind E. Rain
in Evening wind N.E. Meadow Lark.

12th Morning showery clear before
noon, wind S.W. pleasant & moderate
by noon, evening calm & warm
Lightning S.W.

December 13th

39 1803

Cold stormy, with Rain Wind W. Evening clear & windy at N. W.

14th Clear & moderate, wind N. W.

15th Smart Frost this morning. Warm pleasant Day. Wind southerly. Evening cloudy & shilly wind N. E.

16th Rain last night. Day moderately warm Day Evening Dark cloudy. wind S. W.

17th Morning clear. Blustering Day wind N. W.

18th Shilly & cloudy wind S. W.

19th Clear & pleasant wind S. W.

20th Cool & clear wind N. Mock-bird yet

21st Cold & frosty.

22. Very cold, sealed Schuy Kill over with Ice, wind N. Evening milder cloudy wind E. like for Snow.

23. Morning Rain & sleet, wind N. E. at noon wind E. Evening S. E. Warm Rain all night.

24th Cloudy misty & Warm. wind N. evening N. E. Blue Bird sings.

Cross-bill in Flocks feeding of Pine seeds & seeds of the Ash. Christmas-Eve

25. Cold Rain wind N. E. Rain during the Night, cleared before day break, from N. W. with a sleet of Snow.

46

December 26th The snow, melted & disappeared before noon, afternoon and Evening cloudy & warm wind W. Mock-bird, Woodcock, Bluebird Flicker! Crows bill, Alauda magna! Flies, spiders & various Insects.

27th Cloudy & chilly no Frost.

28. Hazy & warm after a plentiful white Frost.

29th Hazy & warm, no Frost. - Mock-bird, spiders, spin their Webs and other Insects flying about. Fields & Pastures yet green with Grass and Herbage.

30th Cloudy & warm

31. Rain this morning, & drizzling till Noon, wind S. afternoon cloudy evening Star light wind N. E. Mock bird yet.

January. 1.

1804.

Rainy Day, wind N. E. a little Snow early in morning, but before 10 o'clock, became Warm Rain. Evening misty. Mock bird, Frogs yet out in wet springy places.

2^d Cool morning, slight Frost, pleasant clear day, wind S. W. Evening calm & warm. wind N. E. -

January 3^d.

41
1804.

Showers of Rain most all last night,
Cloudy & misty all day, Evening dark &
misty, warm as Month of May or June
wind southerly all day. Evening S.E.
Mock bird.

4th Clear'd up about daybreak at N.W.
cold morning blustering Day. Evening
very cold. } Louisiana deliver'd up to
United States by the French
for 15 mill^{ns}. of Dollars.
5th A severe cold morning wind N.W.
moderated about noon, Evening hazy
& moderate wind southerly. (12th Day)

6th White Frosty morning. A moderate
pleasant day wind S.W. Evening
hazy & warm. Mock bird. Blue bird
Robbin. Flicker. Meadow Lark. Talco
sparrow. Dandelion in flower, as well
as Violet, Veronica, Herb Robert,
& some others.

7th Cool, white Frosty Morning. This
Day warm as Summer. Evening
cloudy wind Easterly. Wild Pigeons
in the Forests, feeding on Acorn

8th Began to rain this morning about
sun-rise which increasing became
th a wet tempestuous day wind N.E.
9th Rained all last night, & this morning
until Noon, after noon clear'd up at N.W.
Evening cool.

January 10th

42

Cold freezing night & morning, which continued increasing all day, wind high & blustering, Evening extreme cold: slight snow clouds passing over from N.W. This day is the first winter like weather we have had this season. The fields & gardens until yesterday appearing green & flowery.

11th Extremely cold last night: froze schuykill over completely near an Inch in thickness, The Day as cold: wind high & blustering between N.W. & N.

12th Morning clear & cold froze severally. after Sunrise became warmer calm & moderate wind southerly Evening hazy & calm. Robbers.

13th Evening - Star appears in the West just above the horizon.

Slight fall of snow cleared about Noon at N.W. Evening moderate & calm.

14th Morning clear & moderate, Evening cloudy & chilly Wind W.

15th Snow this morning, cleared about Noon, wind N.W. moderate

16th Clear & cold morning wind W. Afternoon more moderate, wind southerly Evening hazy. Large flights of Robbin seem to be on their passage southerly.

January 17th

92
1804.

Rain till noon wind between S. & W.
afternoon cleared at N. W. Evening
cold & blustering

18th Cold blustering day wind high at
N. W. Evening extremely cold.

19th Extreme cold night, This morning
Scheuylkill fast frozen over, moderated
after sunrise & began to snow, wind
S. E. Snow this evening about 4 inches
in depth. Air more mild, & misty.

20th Clear & cold. wind N. W.

21st Blustering cold night. Therm. 15
~~below zero~~. clear pleasant day Evening
calm & more moderate.

22nd Morning cloudy & freezing, about
noon began to snow, & continued all
day, wind high at N. E.

23rd Stormy with fine snow & extremely
cold. The snow about 12 inches deep on
the earth wind N. E.

24th Clear & moderate. Thawed afternoon
where the sun shone till night.
Only Jays, Snow-birds & crows to be seen

25th Forenoon cold thawed afternoon
wind northerly, Evening cold wind
N. W.

26th Cool moderate day after a hard
freezing night. Purple Finch

44

January 27th Froze extremely
last night. The day more moderate
Wind northerly. Evening milder wind
N.E. Robbins feeding on Red cedar ber-
ries. purple Finch feeding on seeds of the corn
28th Snow & sleet wind N.E. cleared
Afternoon wind N.W. Evening cold.
Robbins, Partridges, call, Ho-oi-lee

29th Blustering cold day wind N.W.

30th Cloudy & sunshine alternately
moderate & thawing all day
wind S.W. Evening cooler wind
N.W.

31 Cool, cloudy & sunshine alternate
ly wind northerly.

February 1st

Clear & warm pleasant day wind S.W.
1st Full evening, cloudy & warm wind S.

2^d Robbins.
Gentle warm showers & Sunshine
wind S.W.

3^d Pleasant moderate day wind N.W.
Evening calm & hazy wind southerly.

4th Same as yesterday wind S.W.

5th Clear, moderate & pleasant

6th Freezing morning, moderate
pleasant day wind northerly.

7th moderate thawing weather

February 8th

45
1804

Cloudy & warm, thawing all day wind
southerly. Evening cooler wind N. E. Rain.
Bluebird, Robin.

9th showery all last night. & showery
today till noon cleared at N. W.
Evening hazy & cold. Freezing.

10th Cold but not severe wind N. W.

11th Clear & pleasant day wind west-
wardly, Robbino, Firetrails,

12th Pleasant warm day wind S. W.
Redbird, Titmouse, sing. Ducks are
seen south.

13th Clear warm & pleasant wind S. W.
Ice in Schuykill broke & drove with
the ebb tide, blow Gray's Ferry.
Evening cooler but not freezing.
wind N. E. Valentine's Eve

14th Clear & cold wind N. W.

15th Clear & warm as May day wind
varying E. & S. W.

16th Clear, moderate, & pleasant Even-
ing hazy. wind southerly. Redwing
Sterling sings.

17th Showery wind N. E. cleared at eveng.
moderate wind N.

18th Clear warm spring weather, Tulips
Crocus & Hyacinth peeping out of the ground.

February 19th

46

Warm pleasant spring weather
seeds vegetate in open grounds.

Heliborus hyemalis in flower.

Tringilla rufa, *Alauda alpestris*.

Black Duck, arrived from south on
their passage or return to the North

as also Turtle Dove, Large flights of
wild Pigeons (*Columba migratoria*)

20th Clear & temperate wind westerly
+ Frost nearly out of the ground.

21st Clear pleasant weather, wind
variable southerly between E & W.
Blue winged & Green winged Teal
migrating northerty on their return
to breed.

22nd Forenoon clear & moderate wind
S. W. Afternoon cloudy becoming
cool. wind N. E.

23rd Cold & cloudy wind N. E. began
to snow about 10 o'clock this morn-
ing, & continued increasing all day
Evening stormy with snow.

24th Blustering & cold snow 4 inches
deep on the earth, wind N. W.

25th Froze extremely severe last night
This morning Schuylkill fast frozen
en over, wind N. W. evening clear &
freezing, wind high & flowy.

February 26th

47
1804

Clear & cold froze hard last night. Wind variable between N.W. & S.W. evening calm & more moderate.

27th Morning clear & cold wind W. afternoon hazy & thawing. wind S.W. Evening cloudy calm & warm wind S. Flocks of ducks in Schuy Kill arrived from the S. Ice driving with the tide.

28th Cloudy morning, afternoon light rain wind N.E. Evening, sleety.

29th Hazy & warm thawing weather wind S.W. Ducks from South.

March. 1st

Cloudy morning began to snow about 11 o'clock wind N.E. Evening Rain.

Pidgeons, flying notherly. Robbins in flocks, every appearance & feeling of winter.

2^d 3. 4. 5. cloudy cold freezing weather
the wind variable mostly notherly.

6. more moderate, Evening chilly, wind N.E.
7th cloudy with intervals of sunshine

the wind notherly air cool, but not freezing

8th Same as yesterday. Wind N.N.W.

9th Cool & cloudy yet thawing. Wind N.W.

10th Clear, moderate, pleasant wind N.W.

11th The same as yesterday. Crow black-

12th bird arrived.

Plentiful white frost warm day
wind S.E.

March 13th

Rainy day, wind N.E. clear'd at evening wind N.W. Pidgeons in flocks

14th cool windy day. wind N.W.

15th The same weather, Evening serene

16th Clear & pleasant, wind northerly
Evening calm, wind South

17th White frost warm & pleasant wind S.
Flocks of Geese flying to the north
Spring Frogs pipe.

18th Morning cloudy, wind North
Evening clear windy & very cold

19th Forenoon clear & cool, Evening cloudy
wind S.W.

20th Clear & cold wind northerly

21st Clear warm growing weather
wind southerly. Geese passing north-
ward. Alder, Silver leaved maple
Dewey Daffodil, Draba verna, in flower.

22nd Pleasant warm day. Wind South.

Pewee, Red Sparrow arced.

23rd Cloudy & cool, Wind N.

24th Cloudy & cool wind West evening
showery.

25th Morning clear & cool white Frost
Wind W. afternoon cloudy Even-
ing warm & showery. wind S. Wood Frog

26th Hazy & warm growing weather.
wind S.W.

27th Warm growing weather
smoky Sun.

March 28th Showery all day 1804.
wind N. E.

29th cloudy & cool lightning & Thunder
in the Night.

30th Showery all day wind N. E. even-
ing cool wind N.

31st Ice this morning, cold blustering day
wind N. Evening more calm and
moderate.

April. 1. cold frosty morning wind N.
Evening hazy & warmer wind S. E.

2^d Cool, frosty morning

3^d same

4. 5th cool & showery wind N. E.

6th Rain all day wind N. E.

Rock saxifrage, Hepatica in flower

7th Clear & moderate wind N. W.

8th Cool flying clouds from N. W.

Spida alon arrived. Flight of
Pidgeons. Martins & House Swallow.

9th Warm & showery wind S

10th Showery Thunder & Hail wind W.

11th Rain this morning cleared after-
noon, Evening cool wind N. W.

12th cool, wind blustering N. W

13th Temperate wind N. W. grey Flycatcher

14th Rain growing weather, even hot
about noon wind W. Cewink arrived

15th warm growing weather wind S.

50

April 16th Warm, growing weather
Therm. 70, Peach, Pears in bloom

17th Cool Therm 60. evening Rain
wind high N. E. Thrush (*Turdus*
rufus) Flocks of Ducks returning
from north.

18th Clear cool day wind E. *Aquilegia*
canadensis, *Saxifraga nivalis* in flower

19th warm day after a white frost

20th cool cloudy Day, wind E. Even?
dark and blustering wind N. E.

21st Cool & cloudy wind E. evening
Stormy with constant heavy rain

22nd cloudy & warm wind southerly
the river Schuylkill overflowing
the rapid waters, carry along
bridges, rafts, & timber swept
from the shores. Flocks of Pigeons
flying notherly.

23^d Cool wind N. W. Whippoorwill
cries at evening.

24th Same weather evening calm
& warm.

25th cloudy, with some Rain wind N. E.

26th Moderate growing weather

27th Cool, cloudy wind notherly,
Pewit, built her nest.

April 28th Cool & cloudy

51
1804.

29th cloudy morning heavy dew
warm pleasant day, wind S.
Cherry, Peach, Pear in flower, Cherry-
swallow arrived.

30th Clear & cool, wind N. W. in morning
evening warm & hazy wind S.

May 1st morning cloudy, cleared about
10 o'clock warm growing weather;
showery afternoon, wind S. W. evening
cool wind N. W.

2^d Cool morning wind N. W. Even-
ing serene.

3^d Clear & pleasant wind southerly

4th Warm & pleasant; rather sultry,
at midday, wind S. Kingbird.

5th Therm. 78. Warm growing weather

6th light showers of Rain all day, Even-
ing, lightning wind S. W. Cuckoo.

7th Warm growing weather; rather

hot & sultry, midday. Halosia foot
raptora in flower. Summer Red bird

8th Warm wind S. Blue Linnet

9th Warm & hazy wind eastwardly.

10th Rain wind N. E.

11th Same weather w. N. E.

52
May 12th Clear & cool, wind yet N.E.

13th Clear & cool. wind yet N.E. a little white frost this morning in low clay land. Yesterday was celebrated in the City. The purchase of Louisiana.

14th Warm light showers of Rain
Evening calm & warm wind S.E.

15th Forenoon clear & warm. Afternoon cloudy, Evening dark wind high N.E.

16th Rain, wind N.E. Last Night
Lightning Thunder & heavy Rain

17th Cool wind yet N.E.

18th Clear moderate pleasant weather wind S.W. Bluebird brot out their broods.

19th Clear moderate & pleasant. wind S.W. All the summer birds arrived.

20th Hazy & sultry, wind brisk from S. & evening calm & cloudy.

21st Hazy. Evening showery, with Lightning & Thunder

22nd Showers with short intervals of sunshine, sultry. Therm. near 80. Lightning & Thunder in Evening. Lightning, Slys.

23^d May. Cool & cloudy, with ⁵² 1804.
some light Rain, wind N. E.

24th Morning cool & cloudy cleared
about 9 o'clock, warm at noon
evening hazy.

25th Cloudy & cool, Evening Rain

26th Cloudy & misty.

27th Cool & cloudy. evening Starlight wind N. E.

28th Clear & cool, wind forenoon Easterly
Evening N. W. remarkably cool for
the season.

29th Cool & cloudy wind easterly

30th Cloudy wind southerly

31st Cloudy & sultry wind S. E. Lightning
at S. W. this evening

June 1st Forenoon misty, Evening

Rain, warm wind S. E. all day
Hay harvest first crop. Flock of *Vultur*
aura.

2^d Warm showery Day

3^d Same weather. *Stewartia*
Magnolia glauca in flower.

4th Clear & warm afternoon Thunder
in West, Evening wind N. W. cool

5th Forenoon moderate, Afternoon
sultry, wind S. Evening lightning
at West. very sultry

54

June 6th Variable: cool & windy
forenoon hot & sultry afternoon
& evening, lightning playing round
the horizon the clear starlight
above.

7th Sultry cloudy weather, wind
easterly.

8th Cloudy or hazy, and sultry
wind easterly.

9th Sultry & hazy wind S.

10th Hazy & sultry, wind S.

11th Hot & sultry Therm 86, wind S.

12 Cloudy & cool, some rain wind N.E.
Therm. 70.

13th Cool, wind northerly.

14th Same weather as yesterday
wind N.E.

15th cool misty weather wind N.E.

16th Same as yesterday

17th Morning misty cleared before
noon, hot & sultry Evening Light-
ning at N.W.

18th showery, Thunder in Evening
wind W. +

19th Showery all day wind S.E.

June 20th Cool rainy day. Evening stormy wind N.E.

21st Showery all day, wind N. E.

22^d Showery wind N.E.

23^d Clear & cool wind S.W.

24th Misty till 12 o'clock clear sultry & hot evening hazy.

25th Showery, moderate, wind Easterly Thunder southward, heavy shower towards evening.

26th Moderate & pleasant, which is pleasing to the Farmers, on account of their hay & harvest.

27th Warm Therm. 82. slight shower about Noon -

28th Warm clear, wind northerly

29th Hazy & cool for the season wind northerly.

30th Forenoon hazy Evening light rain

July 1st showery, with Thunder

2^d Hazy & cloudy most of the day

3^d Clear hot & sultry

4th Same weather Therm. 80, at Night.

56
July 5th 1804. -

Hot, sultry Therm. 80. 10 o'clock at night Thunder showers, all round the horizon

6th Clear sultry. Therm. 89.

7th Same weather

8th Morning misty, cleared before noon very sultry. Therm 92. wind S. W. Afternoon heavy rain from N. W. with much heavy & sharp Thunder, Evening sultry.

9th Hot sultry, Therm. 92 at Noon 84 10 o'clock at night, constant lightning at N. W.

10th Rather cooler Therm. 88. 90 at noon, Afternoon cloudy Evening showery wind. S. W.

11th Morning cloudy till noon Afternoon clear & moderate,

12th moderate

13. Cool wind S. W.

14th - moderate & pleasant

15th Morning misty, cleared about

10 o'clock noon sultry, Afternoon heavy showers of Rain from N. W. with Thunder

July 16th

57

1804.

Clear & cool wind N.W.

17th Same as yesterday: rather cooler.

18th Same till Evening cloudy
wind westerly.

19th Morning misty wind S. E.
began to rain about 10 o'clock and
continued very heavy showers till
after noon cleared up at evening
wind N.W.

20th Cool morning, Afternoon & Evening
smokey sun wind S.W.

21st Morning misty, cloudy, began
to rain about 10 o'clock, heavy
showers till Evening, foggy.

22. & 23rd cool for season wind N.
Red smokey sun

24th Cool morning hazy, The Sun &
moon at night red or grey, the air
smokey wind N.W. Therm. 65.
Summer Bird, mostly done breeding
& singing. Cat Bird, Oriole sparrow
& Blue Linnet yet, give us short
songs.

25th Same weather as yesterday
rather warmer. wind S.

Tetragonea stridulans, whistles in
evening & locusts

July 26th. same weather as yest-
erday wind N.W.

27th Same

28th Same

29th. Clear dry weather, hot midday
wind S.W. Therm. 86. some
thunder this evening from a cloud
at N.W.

30th Same sort of weather, very
sultry at noon, Therm. 90.

31st Sultry, wind S.W. heavy
shower of Rains with severe
Thunder.

August 1st moderate wind N.W.

2 Cool morning, day moderate

3 Moderate, hot enough about
noon. Wind rather light, light-
ning about 10 o'clock north.

4th Hot & dry, Therm. 85. wind W.

5th Moderate & clear, till after-
noon a light shower from N.W.
evening lowery, sun setting red
behind & dark cloud

6th began to rain this morning
about 5 o'clock & continued, heav-
y showers all day, wind varying
N.E. & E. Evening dark & heavy rain.

August 7th

57
1857

Showery all night & this day till
Evening star light wind between N. E.
and East moderately warm. Therm. 76.

8th Cool, cloudy wind N. ~~W.~~

9th Cloudy & sultry, wind S. E.

10th Hazy & sultry, Therm 80, wind
northerly

11th Same weather wind varying
between E & S. Therm. 90.

12th Cloudy, & cool wind N. E. Therm. 74.

13th Same weather, some misty rain
wind N. E.

14th Same weather, Even hazy.

15th Same weather

16th Morning foggy, very sultry day
wind Southerly.

17th Shower this morning about
day break & continued showery all
day with some thunder wind S.

18th Rain last night. Clear & moderate
wind S. W.

19th Clear & moderate, wind S. W.

Baltimore Bird, Night hawk, House Wren
Cat Bird, Thrush, House Swallow, Purple

the & Bank martin yet with us.

20th Clear & sultry Therm. 90. wind S. W.
light showers of Rain this Evening

August 21st Dry & warm Therm 86.
wind S. E.

22. Sultry & hazy, afternoon showery
& with heavy Thunder from S. W.

23 Hazy & moderate. Evening
Red, Sun, & moon rises ferry.

24th Cloudy & sultry, wind S. E.

25th Hazy & moderate wind S.

26th Cloudy moderate wind S.

27th Showery all day. abundance of
Rain fell. No Thunder or Lightning

28th Cloudy & misting, wind S. E.

29th cloudy morning till 9 o'clock
wind N. E. midday & evening
clear air moderate.

30th Pleasant moderate & clear
& wind S. W.

31 Clear, Sultry, the heat more op-
pressive than any day this summer
Therm. 90, 86 this evening, at 9 o'clock

September 1st Same as yesterday
Therm 91. wind varying between
N. E. & S. W.

2 Foggy morning sultry day
Therm 91.

September 3^d ⁶¹ 1804
Hot & dry. Therm. 93

4th Shower of rain last night.

This morning clear, cool & pleasant
wind N. W.

5th Cool & dry wind northerly.

6th Dry, warm. Therm. 86.

7th Foggy morning till 10 o'clock

sultry day Therm. 80.

8th Morning foggy. Sultry day Therm 86.

9th Foggy morning. Sultry day. Therm. 90

10th Pleasant, a light shower from
the S. west. Therm 86.

11th Same as yesterday. Many kinds
of small Birds on their passage
southward, particularly great yellow
throated Wren, & species of Motacilla

12th Cloudy & misting wind N. E.

13th Foggy & misting till noon
wind N. E. Evening serene wind S. W.

14th Clear & cool, wind N. W. most of
the summer, insect catcher birds have
disappeared, continuing their journey
southerly

15th Clear & temperate wind southerly.

16th Hot sultry, wind S.

17th Hot & sultry till noon. Therm. 88.
Heavy gust of rain from N. W.

September 18th

19th moderate & pleasant
Clear & cool, wind N. W. Cat Bird
Humming Bird, Turdus rufus, yet with
us —

20th Clear & cool, wind N. W. Wood-
cock yet with us. Equinox.

21st Very cool morning, But pleasant
midday. Evening cold

22nd Morning clear & cool. After-
noon hazy Evening cloudy wind E.

23rd Hazy, & cloudy Evening wind N.E.

24th Clear & cool wind northerly

25th Cloudy morning, & very cold, Snow
was seen to fall clear about noon
clouded up from west toward evening
wind N. E. 9 o'clock began to rain

26th Cool cloudy morning, after
a rainy night. sun shone
out midday. wind N. E. evening
cloudy. House Wren, Woodcock
Cat. Bird yet with us

27th Cloudy morning, but clear'd
soon after sunrise. A pleasant
warm day wind West.
Evening serene.

September

1804

28th Clear & pleasant. wind S. W.

29th Clear & cool wind N. W.

30th Clear & cool wind N. Evening
cold. Glow worms. Golden & Ruby crown
wren, arrived from North.

October 1. Clear cool & Dry, Frost
this morning in the Garden wind S. W.

2^d Cool & Dry wind Northerly.
white Frost, this morning.

3 Clear & pleasant, rather warm
at Noon, wind S. W. Red Thrush
Trove Bird, Blue Linnet, Cat Bird
yet with us. Yellow Lumps.
4. Flocks of Robbers arrived from N.
several kinds of Ducks also pass
on, but no Geese yet.

4th Clear pleasant weather, but
very dry. wind S. W.

5th Morning foggy, cleared about
10^o Clock. warm as summer. wind
S. W. Evening calm, warm, cloudy
Bank martins passing. S. -

6th Clear & cool wind N. W

7. Evening calm & warmer

7th Clear & cool wind N. W.

October 8th - Morning cool & clear
A plentiful white frost. warm
and pleasant at noon. wind S.
Evening calm & hazy.

9th - Morning cloudy & chilly, wind
S.W. cleared before noon, from N.W.
Afternoon, squally, wind very high;
with frequent sprinkling of rain.
Flight of Bank Martin passing
southerly.

10th - A tremendous stormy Night.
Trees blown down, & vessels
overset in the Delaware, many
people drowned. This morning yet
stormy wind N. & N.W. Afternoon
& evening the wind more moderate
but cold.

11th - Morning clear & cool, but no
frost, moderate pleasant day;
wind W. evening cloudy & calm
Towee Bird yet with us, & also
Pewee

12th - Clear & pleasant wind S.W.
Cat Bird yet with us. Purple Finch
& Hemp Bird arrived from north.

13th - Clear & moderate wind N.W.

14th - Morning clear & cold. A plent-
yful white frost, wind N.W. evening
hazy wind N.E. Cat bird Pewee with us.

October 15th

1804.

Morning cool & hazy. Sun shone out about
noon. Afternoon clouded up wind S. Evening

Rain - Warm & pleasant Therm 70, at noon

16th Morning hazy wind northerly

17th Rain from N.E. all day & Evening
tempestuous.

18th Cloudy & misting, wind N.E.

19th Forenoon cloudy & cool, cleared about
noon Wind S.W. Evening serene
& mild. Picus varius arrived from N.
Yellow rump in abundance feeding on
Red cedar berries & Hemp seed.

20th Clear & moderate wind N.W.

Flocks of Geese & Ducks pass south

21st Morning Foggy, cleared about 10 o'clock
warm pleasant day, wind South.

Evening calm, cloudy. Glow worms
sparkle. There was a plentiful white frost
this morning.

22 Foggy morning pleasant warm day
evening cloudy wind N.E.

23. morning cloudy, after some rain in
the night, cleared about noon, after-
noon & evening pleasant & warm

24th Morning cloudy. Showery about
noon, cleared afternoon with a North
wind, soon after great flights of Ducks
& Geese passing southward. evening
clear & moderate wind W.

October 25th

Some white Frost this morning, wind
notherly all day. Evening, clear and
cold

26th Stormy rainy day, wind N. E.
Evening tempestuous.

27th Sleet & snow last night, but all
disappeared by Sun rise. Pleasant
moderate day. wind S. W. this evening.

28th Warm, & more pleasant than
any Summer day, wind S.

29th Warm as summer, innumerable
Butterflies of different species, Bees
Wasps, Flies & other Insects, visiting
the Flowers in the Gardens, such
as Tagetes, Asters, Solidago &c.

30th Morning Foggy, & hazy till
11 o'clock, afternoon warm and
pleasant, wind S.

31st Clear & cool, wind notherly

November 1st

Frost this morning, moderate pleasant
day; wind notherly

2^d Moderate & pleasant, wind S. W.
Mocking bird, with us, on his passage
southerly.

3^d Morning foggy, cleared about 9 o'clock
warm pleasant day; rather hot
at noon, Tagetes, Ipomoea coccinea
Convolvulus purpureus in flower &c.

November 4th

67 1804.

Foggy morning. afterwards warm & pleasant
wind South.

5th Cool morning, wind N. W. evening
warm & calm wind N. E.

6th Some white Frost this morning
moderate pleasant Day

7th Plentiful white Frost, this morning
moderately warm day, evening calm

8th Foggy morning, cloud afternoon & evening.
wind N. E. Yellow throated Wren
passing to the south.

9th Rain from N. E. Evening tempestuous

10th clear windy & cool; wind N. W.

11th Clear & cool fore noon wind S. W.
afternoon wind N. W. evening very cold.

12th This morning large flights of Ducks
passing southward.

12th The surface of the Earth hard frozen this
morning & some Ice on Ponds. a cold
blustering Day. wind N. W. Great yellow
throated Wren yet with us.

13th Cold & blustering. Wind N. W.

14th Cold. Ice on the Flats of Schuykill
cloud before noon. Wind N. E. toward evening
began to snow, & bodes a tempestuous Night

15th cleared about Day break after a heavy
Rain from N. W. which cleared away the
snow. A cold blustering Day.

16th cool windy day, evening calm & hazy.

17th Hazy, & plentiful white Frost & Ice
Cool windy day wind N. W.

November 18th

A smart Frost, but a pleasant Day
wind southerly

19th Smart Frost. Pleasant warm Day
wind S.

20th Hazy & moderate wind Easterly

21st Cloudy & warm, wind N.E.

22. slight white frost this morning
clear warm & pleasant day, wind N.

Great yellow throated wren yet with us.

23. Same weather as yesterday

24th Same weather wind N.E.

the evening hazy.

25. Cloudy & misting till 10 o'clock
afterward a pleasant moderate day
the wind variable shifting at all points.

26. Morning misting, cleared before
noon wind S. a pleasant Day

27th Same weather wind W. Evening
clear & cooler. caught a large yellow

28. Throated Wren.

29th Clear, moderate, pleasant Day, after
a white frosty morning wind W.

30th Same as yesterday, wind N.E.
in morning. Evening. S.

Decemb. 1st Cool & cloudy wind N.W.

2^d Cleared in the Night wind N.W. This morn-
ing has been very cool, expect a hard Frost.

3. Cold & cloudy forenoon Evening snow
wind S.E.

Many Owls & Hawks seen flying, sign of
cold stormy weather coming.

December 4th

1807.

- Cool cloudy day, wind variable
- 5th Cold, rather blustering day wind N. W.
- 6th cool & cloudy, slight fall of sleet, wind variable; this Evening S. E. great yellow breasted Wren yet with us.
- 7th Forenoon cloudy wind N, cool, Evening clear & freezing wind N. W.
- 8th Cloudy & chilly, some snow. Wind N. E.
- 9th Clear, hard freezing weather wind N.
- 10th Cold cloudy some snow wind northerly
- 11th Snow most of the day, cleared Afternoon at N. W.
- 12th about 5 inches deep on the ground
- 12th Cloudy & cold thaw'd but little wind N.
- 13th Cloudy cold & starchy wind N. E.
- 14th More moderate light rain all day wind E.
- 15th cold blustering day wind W.
- 16th & 17th same
- 18th Cloudy & very cold, sharp chill fast Frozen, wind S. W. this evening, snowing
- 19th Clear last night. A very cold clear day wind N.
- 20th Extreme cold wind N. Evening cloudy & very dark, begins to snow about 3 o'clock.
- 21th Cloudy & Freezing, wind N. E. Evening snow
- 22th Forenoon cloudy & Freezing wind N. E. Evening clear & more moderate wind S. W. Yellow Rump, today.

December 23rd

70
1804

Cloudy & chilly wind N. E.

24th Same

25th Snow last night. Clear'd this morning. Evening clear & cool, wind N. W.

26th Cloudy & chilly, wind N. E.

27th Rain last night. Clear'd this morning at w. Evening windy & cold

28th Clear pleasant moderate weather. Wind W.

29th Forenoon Snow wind N. E.

Afternoon Rain wind S. W.

30th Very cold & blustering wind N. W.

31st Very cold & blustering wind N. W.

January 1st 1805.

Very cold & cloudy all day wind S. W. & evening Snow.

2nd Snow last night: this morning near 12 inches deep on the earth & clear'd - forenoon wind N. W. moderate.

3rd Hazy & cool, thawed little evening warmer wind S. W.

4th from this to 8th cloudy cold or chilly than once as low as 6. Yesterday & this day thick & misting

10th Hail, Rain & snow alternately all day wind N. E. Evening, impetuous snowing &c

11th Clear'd this morning wind N. W. Snow 10 inches deep on the Earth. Evening serene very cold & freezing

January 12th

1875

Moderate, misty, sometimes light snow

13th Morning misty, cleared after noon from N.W.

14th Light of Robbins, Evening clear & moderate
Clear & very cold, severely thawed at noon
in the sun.

15th Clear & moderate forenoon, afternoon hazy

16th Moderate wind southerly, evening

hazy.

17th Warm cloud & thawing wind southerly

18th Cloudy, misty & thawing all day, wind
varying, cleared at evening N.W. cold.

Blue Bird, Robin, Crow & Great Yellow
the called Wren

19th Very high wind all last night, This day
severely cold Therm. 12 above 0. Yesterday
it was 50. Blue Birds & Yellow Birds
feeding on Red cedar berries.

20th Forenoon cloudy wind N.E. afternoon &
evening snow, wind S.E.

21st Cleared up this morning after a snowy
night wind N.W. Snow fell about
2 12 inches depth during the night.

22nd Extreme cold, Therm 2 above 0. wind N.W.

23rd Morning clear & cold wind N.W.
afternoon & evening more moderate S.W.

24th Hazy & thawing wind S. Evening cloudy N.E.

25th Misty warm & thawing Therm 30 wind S.

26th Moderate, thawing wind variable,
Evening sleety wind N.E.

27th Tempestuous with snow. Wind N.E.

28th Snow all day wind N.E. cleared at
the evening wind high at N.W.

29th Cold & clustering snow above 2 feet deep on
the ground & drifted by the wind in banks 5 or
6 feet deep.

30th Clear & moderate thawing mid day wind S.W.

72
January 31st. moderate & Thawing

Yellow throated Wren yet with us

February 1st. clear & cold Therm. 25.

2nd wind N.W. Large flights of Crows pass
Morning & Evening; to & from their ¹⁰roosts
Large flights of Robbins, feeding on
Red Cedar berries & the remains of other
2 Fruits, Blue birds, Hawks & Jays.

3rd Cold & blustering wind N.W.

4th Very cold wind N.W.

5th Clear & cold wind N.W.

6th Hazy & Thawing wind southerly.

7th Misting & Thawing wind easterly.

We record this memorable event. The
Ship Gen^l Butler of 300 tons, was launched
at Pittsburg, on the River Ohio, which is
upwards of 2000 Miles above the mouth of
Mississippi, down whose waters, she must
pass into the Atlantic Ocean.

8th Cloudy forenoon, clear afternoon N.W.

9th Clear & temperate wind NW

10th Hazy & Thawing wind southerly

11th Hazy & warm thawing weather wind
southerly, Red wing, arrow, ^{or hawk} Red bird
the wicker.

12th Pleasant, clear moderate thawing weather
surface of the Earth begins to appear
in high situations, the snow is yet 4 or
5 feet deep where drifted by the wind.
Schuyler & Delaware are yet completely covered
with a great thickness of Ice

February 13th Cloudy & warm 1803

Therm. 58. clear at evening wind S.

14th Rain last night & this morning
Full noon evening blustering wind N.W.

15th Cool blustering day wind N.W.

16th Very cold & freezing all day wind N.W.

17th Same as yesterday.

18th Clear & cool wind N.W.

19th Clear warm & thawing wind southerly
clouded up from west afternoon
evening chilly wind N.E.

20th Cloudy & warm wind southerly

21. Pleasant warm day wind variable

22 Warm & pleasant as may
the Ice growing with the tide in
Schuylkill. Crow Black Bird

23 Warm & pleasant wind S.

24th Cowpen Bird, large flights of Ducks
on their passage northward

Moderate wind S.W. Sailing Chile
clear of Ice from New-Bridge down
to Delaware, Kildeea. ^{ferus} Charadrius vociferans

25th Clear & warm as summer wind S.W.
evening serene. wind N.E.

26th Clear & moderate, wind N.E. Cross-
Bill arrived from south on their way ^{southward} north

27th Cloudy day, chilly wind S.
evening rain wind E.

28th Rain chilly wind N.E.

March

March 4

Warm & pleasant as month of May
Frogs begin to appear & Tortoises.
Ground Squirrels, frisking about in the
Sun.

2. Pleasant spring weather, wind N.E.
variable.

3. Same weather

4. Pleasant warm, *Heliborus humalis*
in flower, wind N. E.

5th Clear & moderate wind S. W.
a plentyfull white frost this
morning.

6th Morning clear & moderate
afternoon cloudy. Evening
Stormy with Rain from S. E.

7th Pleasant warm day wind S. W.
Pewit arved, Snowdrops in flower.

8th Foggy & misting, cleared about 10
o'clock hot as summer, clouded up
at West, Thunder & showery (this even.)

9th Flock of Geese past by to north.

9th Morning Foggy & misting cleared
about 10 o'clock very warm as
summer distant Thunder westward
easterly, evening small Rain.
wind very high from N. E.

10th Forenoon cloudy & misting

11th Evening Rain & Stormy wind N.E.

11th cool cloudy

12th A chilly cloudy day, with short inter-
vals of sun shine: a little snow from
flying clouds, about 11 o'clock wind N.

March 13th .. cold blustering very little / 805. 75

Sunshine during the day wind N.W. with some squalls of snow.

14th hard frost last night, this day cold Windy

15th N.W. Hazy & moderately warm after a frosty morning, wind S.

16th rather hazy warm as May, Smokey, wind S.W. Saxifraga cespitosa, flowers

17th Little white frost this morning, smoky Sun wind S.W. Flock Geese past by.

18th No frost. Same smoky warm growing weather. Woodcock, Pewit, Blue Bird

19th Robbin pair & began building their nests.

20th Smokey & hot as Summer at noon, wind S.W. Evening cloudy wind very boisterous at N.E.

21th Cloudy morning cleared before 10 o'clock very warm day, wind E.

22th Morning cloudy. Cleared about noon from W. Afternoon wind N.W. Evening blustering & cold.

23th Cool but pleasant day wind northerly

24th Same ice this morning wind N. More moderate this evening wind E.

25th plentiful white frost moderate day

26th Same weather, Smokey Sun

27th Same weather. Narcissus, Violet

28th Hyacinth, Muscari, Colchicoot, in flower

29th Cloudy & misty till 9 o'clock, when it cleared wind S.W. Evening warm very hot about noon. Terns, gulls, Flight of Bank martin passing northerly all Day

March 27th cloudy & chilly wind NE

28th Showery all day wind NE.

29th Cloudy & Chilly, wind NE.

30th Rain all day wind NE. evening
tempestuous.

31st Showery all night & today till noon
wind N. E. evening calm & warm
starlight.

April 1st Clear warm growing
weather, Peach in bloom

2^d a little white frost this morning
pleasant warm day.

3^d Morning misty cleared about 9 o'clock
warm growing weather.

4th Morning cool wind N.W. Pleasant
moderate weather. Motacilla grisea,
Motacilla tricolor, Hirundo parva
& Hirundo domestica arrived.

5th Cloudy wind N. E. afternoon
& evening Rain

6th Morning cloudy afternoon
clear wind N.W. Evening moderate

7th Clear & cool, wind variable 'twixt
N.W. & S.W. some Thunder and
Rain last night. Fishing Hawk
& King Fisher arrived

8th Clear & pleasant Spring weather:
wind N.W. in morning; evening
southerly.

April 9th

1805.

Cool spring weather

Thrush Sings

10th Cool & blustering, squally, some

Hail, wind N. W.

11th Aurora borealis last night

morning, cold: some frost, in
the low grounds.

12th Clear & pleasant spring weather

Mespilus vuca in bloom

13th same as yesterday

14th Clear & warm Therm. Summer
heat at Noon. Tringa macularia

arrived.

15th Moderate pleasant weather windy & E.

16th Clear dry & pleasant spring weather
Many of Summer Birds arrived.

17th Same smoky sun & dry, wind S. W.

18th Same, Apples, Pears, Plums, Cherries
Currants, &c. in flower, Summer
Yellow bird, Red start, arrived.

19th Smokey sun very warm about
noon wind S. W. Whippoorwill.

20th morning cloudy wind N. E. some Rain
about noon. House Wren arrived.

21st Heavy showers most of the Day
with Thunder & Lightning, wind N. E.

22nd Pleasant spring weather, Turdus
Fogelstrus, arrived. Catbird also.

April 23^d Cloudy Forenoon, Afternoon heavy Rain from W. N. W. Evening drizzling wind southerly. Quail Bird. *Haliaeetus* *Cornus Florida*, *Quercus Rubra* in flower

24th Clear & cool wind W. Evening cloudy wind S. E.

26th Cool & windy, with showers of Rain

27th Cool & blustering wind N. W. Chimney swallow, arrived.

28th some Frost this morning, cool day wind N. W. evening severe wind S.

29th Showery & Sunshine alternately wind southerly. Evening Rain

30th Clear & temperately cool wind N. W. Cuckoo arrived, & most other summer Birds.

May 1. Frost this morning pleasant warm day wind S.

2^d Fine moderate spring weather, wind southerly.

3^d Warm growing weather. wind S.

4th Forenoon hot & sultry wind S afternoon cloud up from W. Evening heavy Thunder & huzk. *Ardea virescens*

5th Clear moderate

6th Same wind N. W.

7th Little white Frost this morning

8th Clear & cool morning. Afternoon clouded up from west, wind S. E. Evening Rain. Lightning flys.

May 9th forenoon showery, wind high
at. P. E. evening clear & cool, wind N. W. 1805.

10th Temperate & clear wind S.

11th Cloudy & sunshine, with some Thunder
& light showers. wind strong S. E.

12th Showery, all day & this Evening.

13th Cool, flying clouds wind N. W.

14th Fine pleasant growing weather
Magnolia glauca in flower
mowing first crop of Grass.

15th Rain, wind N. E.

16th Cloudy, wind N. E.

17th Heavy Rain & Thunder last night
morning drizzling, cleared about
noon wind N. W. Evening cool.

18th Moderate & pleasant, Blue Bird
brot out their young brood

19th Moderate, clear & pleasant spring
weather, Cheonan thus in flower

20th Morning clear wind S, afternoon
clouded up, from West evening Rain
wind N.

21st Showery day wind S. W. cleared at
N. W. Evening cool.

22nd Rain

23. Pleasant

24. 25. Warm & dry 3rd Sun wind S. W.

26th Clear, dry & warm

May 27th. Smoky red sun, heavy
Dews, cool mornings & evenings
hot midday.

28th Same, as yesterday.

29th Cloudy, some rain wind N.E.

30th Cherries, Strawberries ripe.
Clear, dry, & cold for the season

31st White Frost this morning, Cool
Day. Evening hazy.

June 1. cool. hazy red sun

2^d Cloudy forenoon, evening hazy.

3^d hazy & sultry, Evening cloudy
in the west.

4th Very warm & sultry wind S.W
Afternoon Thunder Shower from
N.W.

5th Clear moderate and pleasant
Wind N.W.

6th Very hot & sultry about noon
in Evening cloudy & cool, Wind E.

Cloudy & cool wind E. Evening, misting.

8th showery, wind S. E

9th showery wind northerly.

10th Cool, Showery all Day from
flying clouds, wind northerly

11th Cool, Swift flying Clouds from N.W.

12th Pleasant clear weather, hot about
noon, wind variable

June 13th - Very hot & dry air 1805.³¹
wind S.W.

14th Hot dry & sultry, Evening cloudy

15th A fine shower of Rain, this morn-
ing before Day. very hot & sultry day
Thunder & lightning this evening N. W.

16th Sultry with Thunder showers from N.W.

17th Sultry, Thunder shower from N. E.

17th same as yesterday, till Evening cleared at
the N. W. cooler

18th Clear pleasant day rather hot about
noon, wind S. W. Evening serene

19th 20th Morning clear, very sultry at noon
afternoon Thunder showers, Evening
cloudy & sultry. wind southerly.

20th Clear forenoon, afternoon Thunder showers
round the Horizon. Evening cloudy. Wind N. E.

22nd Same, as yesterday

23rd morning misting, hot & sultry, Heavy
rain from south. Evening, sultry & cloudy.
wind Eastward.

24th Clear moderate & pleasant wind W

25th same. but rather hotter, at noon

wind S. Evening cooler wind N. E.

26th Same, Evening cooler wind N. E.

27th Cool pleasant day wind N.W.

28th Dry, temperate, & pleasant. wind W.

29th Dry & hot Therm. 86. want Rain

30th same: rather cooler, wind N. E.

82
July 1st Cool pleasant day, some
showers, round the horizon, wind W.

2^d Dry & sultry, Leaves of Mave, quill
from heat & drought.

3^d Same, hot & dry, vegetation suffers:
grass, is burnt with the Sun's heat,
wind S. W.

4th Extremely hot & parching, Vegeta-
tion languishes, grass, burnt on the
earth. Wind S. W.

5th Same hot & dry, Locust chatters

6th
Extremely hot & sultry till 2^o Clock
P. M. Clouded at west Evening
Thunder but no Rain, except a
few drops. Therm. 94.

7th Hot, sultry & dry. Therm. 92.

8th Same hot dry air, few clouds.
If any rise from the western horizon
The sun seems to devour them. wind S. W.
Therm. 94.

9th Extremely hot & dry Therm. 98 in
shade, at 2^o Clock.

10th rather more moderate. but dry air
altho cloudy most of the day Therm. 90.
wind variable most of the day ratherly.

11th Same, morning little Foggy. Therm. 90.

12th Same, morning Foggy, afternoon cloudy
& Thunder on western horizon, some lightning
in Evening. wind S. W. Therm. 90.

July 13th

1805

Forenoon extremely hot Therm. 96 about 12 o'cl.
wind S. S.W. Thunder Clouds rise from west
gentle shower at Evening, some refreshment
to the languishing Vegetable.

14th Clear & moderate, evening sultry wind S.

15th Clear & dry Therm. 90. wind S. S. E.
Whistling Cricket (Tetegonia).

16th Clear & dry. Therm 90, some small
Thunder showers round the horizon

17th Same, wind high S.W. evening sultry

18th More temperate, yet dry air, wind W.

19th Cooler but serene & dry, Therm 85.
Wind N.W. & N. all day

20th Clear, hot & sultry, Therm 86. wind var^{iable}

21st Same, clear hot & dry, no sign of Rain

22. Same, Therm. 84.

23^d Same, dry & Hot wind E & S.

24th Same Therm. 90. wind variable.

25th Same, cloudy forenoon wind variable

26th Morning misty cleared about 9 o'clock

sultry & hot till about 5 o'clock
A.M. some rain with Thunder from
West, evening lightning round the horizon
close & sultry. Therm. 86 at noon.

27th moderate, Therm. 80.

28 Morning cool, midday sultry Therm. 80.

29th Same Therm 90

30 Sultry

31. Same, evening sultry & Hazy

84

August 1. slight shower of Rain
this morning from South, the Day
somewhat cooler. Therm. 80.

2^d Clear sultry & dry, after a Foggy morning
Therm. 87.

3^d Foggy morning cleared about 8 o'cl.
wind S. E. Therm 87. Fine shower of
Rain with a high wind from S.
rained moderately for about 2 hours

4th Forenoon cooler wind N.W. afternoon
and evening, sultry wind S. W.

5 Cool pleasant day, wind N.W.

6th Cool morning, hot at noon Therm 84.
evening cool, wind N.W.

7 Clear & hot, Therm 86. wind S.

8th Cloudy forenoon: some Thunder
& a little Rain about Sun rise
Therm. 86 at noon

9th Morning, foggy, sultry at noon,
afternoon, cloudy from S. W. a
moderate Rain in evening with Thunder
Therm. 86 at noon

10th more temperate, some rain Therm 84

11th Same, Therm. 82.

12th Same, clear & dry. Therm. 86.

13th Forenoon clear & hot. Therm 92.

14th Evening cloudy with light shower.
Morning pleasantly cool
Midday rather hot Therm 84.

85 1805

August 15th Dry & hot Therm 87.

16th Morning cloudy & sultry clear
about 9^o Clock very hot Therm. 87.

17th Morning cool & clear, wind N. midday

18th hot. Therm 84. evening calm & warm
Clear hot & dry Therm. 87.

19th Same — Therm 89.

20th Same.

21st Clear & Dry. Evening sultry & calm
Therm 87.

22nd Serene, calm & Sultry. Therm 95.

23^d Same. Therm. 94.

24th Same. Therm. 92.

25th cloudy night & foggy morning
hazy & sultry day Therm. 90. some
lightning & Thunder from, slight partial
showers nothward. evening calm & sultry

26th Forenoon sultry, Thunder with
slight showers round the horizon
Therm. 91. wind. S.

27th Foggy morning, Midday & evening
sultry wind S. E. Therm. 90.

28th The pleasantest day we have had
for two months, morning cloudy
wind S. E. began to rain about
10^o Clock, & continued with moderate
showers all day. Therm 80.

29th Heavy rain last night. & Showery all
this day wind S. E. Therm. 76

August. 30th

86

Moderate wind variable, Therm 80.
at Noon.

31st Cloudy & cool wind northerly.

September 1. Cool, cloud most of the day
wind northerly Therm 70.

2^d Clear & moderate. Therm. 80 at Noon

3^d Same - - - - 80.

4th Forenoon cloudy, afternoon clear
and pleasant. Therm. 76. Fever

5th worked in City.

6th Morning pleasant but hot about
Noon. Therm. 84. Wind S. E.

6th Morning foggy till 8 o'clock, midday
sultry & dry wind S. W. Therm. 85.

7th Clear sultry. Therm. 87.

8th Same. Therm. 90. Evening cloudy
wind E. cooler.

9th Cloudy moderately cool wind E.
evening serene & pleasant.

10th Clear pleasant weather but in
great want of Rain Therm. 80.

11th Clear & dry Therm 82.

12th Same Therm 86. most of Summer
Beds of passage left us.

13th Began to rain this morning about
day break, wind N. E. Drizzling all day
evening wet & tempestuous. Therm. 68.

14th Rain all night & showery all this
day wind S. E. Therm. 78.

September 15th

1805

Pleasant Day; rather hot at noon
Therm. 84. Lightning this evening.
round the horizon. wind S. E.

16th Moderate Day. Therm. 85. Even^g. hazy

17th Morning misty Rain about 7 o'cl^o.
Evening sultry & hazy. Therm 80.

18th Morning cloudy, Evening hazy
and sultry.

19th Clear & warm Therm. 84. wind S. W.

20th Same. Therm. 86.

21st Clear & dry wind S. W. Therm. 80.

22^d Morning clear & cool. wind N. Therm 60.
at noon 70. Evening cloudy wind S. E.

23^d Morning clear & cold after a slight
shower of Rain. wind Northerly

24th Clear & cool. wind N. W. Aurora borealis
this evening about 9 o'clock.

25th Same. slight shower of Rain this
evening. wind S.

26th Cloudy, with little sun about noon
cool & pleasant, but dry air

27th Cloudy & cool. wind northerly, Evening
Rain, high wind N. E.

28th Rainy day wind N. E. wind tempestuous

29th Same. cleared at North about 9 o'clock
at evening.

30th Clear & cool wind northerly.

Thrush. Junco. Cutbird. Pewee, & several
Flycatchers yet with us

October 1.

88
October 1. Clear pleasant moderate
Therm. 65 at noon

2. Cloudy & misting wind N.E.

3^d Morning misty, afternoon
clear wind. W. cool.

4th Clear & cool wind W.

5th Pleasant moderate weather wind S.

6th Shower of Rain this morning
cleared before noon wind N.W.
evening cold. Geese pass to the south.

7th Cool day wind N.W.

8th Ice this morning, pleasant day
Therm. 58 at noon

9th Pleasant moderate, Therm 60
at noon. Cat Bird, Chewink
Pewit, Red Thrush yet with us

10th Same as yesterday, Humming Bird.

11th Clear pleasant day rather hot
about noon Therm. 82.

12th Pleasant moderate Therm. 70
about noon. Pewit, Chewink
Cat Bird

13th Cool pleasant day wind N.W.

14th White frost this morning, warm pleas-
ant day. Chewing, Humming bird Cat bird
Pewit. Ground Squirrel yet out.

15th Forenoon warm, wind southerly.
Evening cloudy wind S.E.

October 16th warm Rain wind S. 1895.

17th Clear about midnight from N.W. wind high & blustering. This morning cool. Evening more moderate & calm wind S.W.

18th Cool & clear wind S.W.

19th Same weather wind high from W. evening cold.

20th Frost this morning, afternoon cloudy wind Easterly & chilly.

21st Cloudy chilly & misting, wind N.E.

22^d Forenoon Rain, as last night. wind N.E. cleared up afternoon from N.W. evening clear & cold Therm. 44.

23. Frosty morning, pleasant, serene warm day, wind S.

24th Showery & sleety from N.W. evening clear & cold.

25th Cloudy most of the day & chilly smart frost last night. Turwink yet with us.

26th Cloudy & Rain, wind Northerly. Evening in sleet, snow & tempestuous.

27th Cleared up in the night from N.W. morning & day blustering & cold

28th Clear & cool wind W. Ice on the flats of Schuylkill this morning. Cat Bird yet with us Snow Bird arrived from the North.

29th White frost this morning, afterward a warm pleasant day.

30 Smoky sun, temperate, wind E.

31st Same

November 1 ⁹⁰ misty morning, pleasant warm day. Therm. 66 at noon
Pewee yet with us

2^d Misty & warm, some light showers
of Rain. Cat Bird

3^d Same, wind S. E.

4th Clear & warm as June at midday
wind S. W. Cat Bird.

5th Clear pleasant, after a slight Frost
this morning, wind S. W.

6th Same. Cat Bird yet. wind S. W.

7th Cloudy wind N. E.

8th Cloudy wind variable. Evening cool.
wind N. E. Flock Geese, pass southerly

9th cloudy & cool wind N. E. evening ra-
to. the tempestuous with Rain

10th cleared up about daybreak N. W.
cool windy day. Flock of Geese pass by

11th Cool windy day N. W. evening freezing

12th Plentiful white Frost this morn-
in. Pleasant warm day Wind S. W.

13th Morning Foggy until 9 o'clock cleared
up a fine warm day evening' hazy
& moderate wind S. W.

14th Cloudy & misty wind N. E.

15th Rain all night & this morning
till noon cleared up N. W.

16th Cold blustering day wind N. W.

Pewee yet with us, Chrysanthemum
indicum in full flower in open garden
and exhibit a glorious show

17th

November 17th

1805

Cool blustering day, wind N. W.

18th Cloudy & cold, warmer Evening Rain
wind S. W.

19th Rain wind N. E.

20th Clear up last night N. W. cool day
Evening calm & moderate

21st Cool & moderate evening serene

22^d Cloudy with light Rains wind N. E.

23^d Cloudy wind S. E. after a plentiful
white Frost.

24th Light Rains all day. Wind Easterly

25th Clear up in the Night at N. W
Clear cool day.

26th Clear & cool, some appearance of Ice
this morning. Yet many Flowers in
the Garden. Evening cloudy.

27th Clear & pleasant wind S. Evening cloudy

28th Clear rather cold wind N. W.

29th Clear, & warm as Summer wind S. E.

30th Same

December 1st Blustering night.

2^d Cold & clear day wind N. W.
Morning cloudy Afternoon & Evening
serene & moderate wind Southerly

3^d Same - thin scale of Ice on ponds

4th Smart Frost this morning. Ice
near an inch in thickness on ponds
hazy & chilly day.

5th Smoky & misty, warm, wind S. E.

6th Cloudy wind S. Evening Rain

7th Clear & cool wind N. W.

8th Same: Evening cold & freezing.
Same

December 9th Clear & Cool, wind N.W. 92

10th Same

11th Rather more moderate this evening wind N.E.

12th Pleasant white Frost this morning
pleasant clear warm day

13th Cloudy, wind southerly.

14th Showery & warm, wind S. Water Frogs
whistle & Land Frogs hopping about the
Garden. Lightning this Evening at N.W.

15th Clear'd up in the night N.W.
moderately cool pleasant day.

16th Cool morning, clear forenoon wind N.W.

17th Fine clear warm day wind W
Evening calm

18th Morning cool white frost; forenoon
clear & warm, wind S. Evening cloudy

19th White frost this morning, afterwards
a warm pleasant day as in May.
wind S.

20th Warm showery morning wind S.W.
Evening serene wind N.W.

21st Clear & cool, wind W.

22d

Chrysanthemum indicum, *Calendula*
Alone media, several species *Veronica*
Lamium complexicorne *Rudbeckia*
Artemisia, *Amygdalus frumita* in flower in
open Garden. *Vespa annularis*, several
species *Phalena* & *Musci*, flying about
& also Grasshopper, with other Insects
Fields & pastures, as green with grass
& herbage as in Summer.

23 Cloudy & chilly wind variable
between N.W. & N.

24th Showery this morning wind N.E.;
began about day break afternoon &
Evening clear, wind N.W.

25th Morning cool & blustering wind 1805
 N. W. evening moderate & calm
26th Clear & pleasant as in Spring after
 a frosty morning. *Houstonia cordata*, Coral
Honey-suckle, & several other flowers yet in
 open garden. Moles heave the earth. Spiders
 weave their webs, & many flying insects about
28th Evening hazy.
 morning cloudy wind N.E. began to rain
 about 9 o'clock & continued increasing all
 day Evening tempestuous.

29th Last night heavy rain. Cleared this morn-
 ing at west blustering evening moderate
30. no frost this morning, cool day wind N.W.
 + and blustering this evening.
31st Ice on Schaulkull Shore all day, very cold
 wind W. Evening calm & freezing.

January 1. Morning cloudy & chilly, 1806.
 cleared up about noon with a squall of
 snow, evening serene & cold.

2^d Cloudy chilly day wind S.W. Evening
3. S.E. with a light fall of snow.
3. Moderate, wind W. Evening serene
 & calm.

4th Beautiful white frost this morning
 & some thin ice on Mlay hills shore.
 Pleasant warm day after, Therm 30, at noon

5th Morning clear, pleasant warm day
 Therm. 34. Evening cloudy wind N. E.

6th Began to snow last night, & continued
 all this day, wind N. E. Evening tempestuous
7th Warm showy & misty, not much snow
 left on the ground, wind S.

8th Cloudy & chilly showed a little about
 noon, wind N.W.

9th Slight fall of snow last night. This
 morning clear & freezing all day wind
10. N.W. Evening serene & exceeding cold.

January 10th

94

Chilly day wind N.E. in morning, afternoon S.W. Evening cloudy.

11th Very cold freezing night. Schultze retreated over, but drove with the tide about noon. Afternoon moderated wind S. Aurora borealis this evening.

12th pleasant moderate day

13. Warm & thawing from 10 Lock in the morning till 4 A.M. wind S. Evening cloudy & chilly wind N.E.

14th Rain wind N.E. evening tempestuous & sleety.

15. clear in the night, a very cold blustering day, wind N.W. evening W. by S.

16. Exceedingly cold last night. This morning about sunrise Therm. 3 above zero or 0. Blustering freezing all day. Wind between S.W. & N.W.; it was S.W. by W. this morning

17th Clear & freezing wind N.W. Therm. 10. above 0. in the City 13, above 0. 4 miles distance which perhaps owing to the atmosphere of the City being warmed by at a moderate estimate, at 30,000 fires burning in the houses during 12 hours of the day

18th Extreme cold this morning wind N. Afternoon hazy & thawing wind S. Evening cloudy & chilly wind N.E.

Saw a Towhee (*Fringilla crocifabula*) in a sheltered situation.

19th Snow last night & this day till evening. Warm & slight Rain

20th Cloudy warm & thawing.

21. Same

22. Snowy night. This day snow & sleet by turns. Evening tempestuous wind N.E.

January 23^d

95 1806.

Clear this morning about Daybreak moderate
& thawing all day. Evening squally & cold wind N.W.

24th Moderate & thawing all day wind northerly

Evening serene

25th Clear temperate & pleasant as in month
11. of May wind S.W.

26th Same weather wind S.W. Winter Sparrow
sings, & the Blue bird. Spiders Flys, Locusts
& many other Insects flying about.
Skullhill nearly clear of Ice, except
above the Falls, & what is drifted up on shore

27th Fine serene warm day. Heliborus h. emaly
several Veronea's, Parnula in flowers
wasps Flys & Insects flying about Asp's
melipia flying in search of forage wind N.E.

28th Same pleasant moderate weather wind E.W.

29th Same wind variable, snow almost gone
Skullhill clear of Ice below the Bridges
Blue Bird sings.

30th warm, after a misting morning wind S.

31st Foggy morning cloudy & warm & thawing

February 1st Cloudy & warm some misting
wind variable mostly N.E.

2^d Clear up at N.W. in the night, & moderate

3^d pleasant clear day, Evening calm wind N.E.

4th Morning cloudy, cleared about Noon
Afternoon clear from N.W.

5th Clear & cool, wind N.W. evening calm & moderate

6th Cool blustering day wind N.W.

7th Rather more moderate wind N.W.
Evening serene & calm Blue Bird sings

8th Morning hazy, afternoon cloudy evening
Rain, wind S.E.

9th Forenoon heavy Rain from S. & afternoon
clear up from N.W. Evening blustering.

10th Morning cold, blustering day wind N.W.
Therm 20 above zero.

February 10th cloudy & chilly. 96

11th Hazy & cloudy, *Heliborus himalis* in full flower, & visited by the honey-Bee.

Draba vernalis in flower, *Veronica* s. s.

12th Cloudy wind N.E. Evening Rain

13th Clear & cool wind N.W.

14th Forenoon pleasant & moderate after a white frost afternoon, cloudy & chilly. Evening showery wind E.

15th Cloudy, with little sunshine, warm wind very high from S.W.

16th Moderate & pleasant wind N.W. Frogs ^{whistle}

17th Cloudy & chilly wind N.E. Evening snow wind S.E.

18th Forenoon misting, cleared afternoon moderate. Evening calm & warm

19th Warm as May day wind S.W.

Butterflies & various Insects, flying.

20th Cloudy warm as Summer *Crocus*

vernalis, Snowdrop in flower, Red Wing Blackbird sings. Rain this evening.

21st Cloud up last night at N.W. Cool blustering day but no Frost

22^d. Same, some Ice this morning on Ponds. Frogs & pond Tortoises out,

23rd Day warm as Month of May.

Had Frogs noisy as in May, Butterflies & other winged Insects.

24th some hard frost this morning. Forenoon warm and pleasant as May, Evening cloudy wind S.

25th Cold & blustering wind N.W.

February 26th 97 1886

White Frost this morning, warm pleasant day Evening same wind S.

27th Clear warm & pleasant as month of May Snow drop & Crocus vana in flower woodcock sercops. in Evening

28th Cool blustering day wind N.W.

March 1st Blustering wind N.W. Evening

severely cold.

2nd more moderate, evening calm but freezing

3rd Very cold freezing weather till evening moderated wind N.W. Meadow Snipe

4th Cloudy morning wind S.E. little

snow about 9 o'clock, but melted before noon. Evening cool wind N.W.

5th Cloudy & chilly wind N.E.

6th morning cloudy wind Northerly afternoon clear wind S.W.

7th Morning cloudy little snow & sleet, afternoon clear. Evening squally wind N.W.

8th Blustering & cold wind N.W.

9th Same - Perwit arrived.

10th Same rather more moderate wind W.

11th Same, rather blustering wind N.W.

12th Same

13th Forenoon blustering & chilly wind N. Evening sleety.

14th Forenoon, cloudy chilly wind N. Evening Rain. wind N.E.

15th Drizzling between snow & Rain

16th cold Frosty morning, evening same and moderate

- Cool blustering & disagreeable wind N.W.
 evening cloudy wind N.E.
- 18th cloudy & chilly wind W. evening
 dark & cool like for rain wind E.
- 19th Morning cloudy wind N.E. began
 to snow about noon. Evening Rain
- 20th Rain & sleet all day wind N.E.
21. Morning cloudy cleared afternoon
 N.W. coming very cold.
22. Cool blustering wind N.W. Evening
 same & milder wind S.
23. Morning chilly & misty, Sun appear-
 ing red about noon. Evening cloudy
 wind variable.
- 24th Snow & sleet forenoon afternoon } wind N.E.
 cleared up. Evening cool wind N.W.
- 25th Cloudy & chilly after & a severe
 frosty morning.
- 26th Cloudy & chilly wind variable
 mostly north. Thunder this afternoon.
- 27th Very cold & blustering wind N.W.
28. Frosty morning, pleasant moderate
 day wind southerly.
- 29th Clear dry & moderate, wind N.W.
- 30th some ice on ponds this morning: white
 frost noon & evening warm & delightful
 Peach nearly in bloom. *Arabis vespertina*
Jayapaga, in bloom, as also Elm Maple
 & *Saxifraga* in flower. Ducks
 & Teal arrived from south. wind southerly
31. Clear dry & moderate vegetation now
 advances rapidly. Wind S.
 Bank Martin, pass northerly.

April 1st

1806.

A light shower of Rain early this morning
clear before noon at N.W. Evening cool

2^d Light blue-grey Flycatcher arrived
Blustering & cold wind N.W.

3^d White Frost this morning, pleasant
moderate weather: wind southerly. Peach
blossoms begin to expand, & display the cheerful
grooming scenes of Spring

4th Hazy Sun in morning & Evening wind
S.W. Warm but very dry

5th Red sun, clear & dry wind high N.E. all day
Red bird (*Loxia cardinalis*) sings.

6th Forenoon Red Sun & hazy, afternoon cloudy
Wind light from N.E.

7th Rain wind N.E. Evening tempestuous

8th Clear up last night from N.W. Cold
blustering day expect a hard Frost tonight

9th Surface of the Earth hard frozen this
morning but no Ice seen, cold blustering
day wind West. This evening very cold
wind N.W.

10th White Frost forenoon plus ant wind W
at noon a snow squall from N.W. Evening
blustering & cold. Horn Swallow arrived

11th Extremely cold froz Water in a Bowl
near a fire which was burning all night

12th Cold freezing night Ice on the shores
of Skuyklee & on the ponds in the garden
half an Inch in thickness. Therm. 26 after
Sunrise. Day cold & blustering wind N.W.
Evening milder & more calm wind S.W.

13th Ice this morning. Cool blustering day
wind N.W. Evening calm & moderate wind S.W.

14th White Frost & some Ice, but a pleasant
warm day. Evening serene & delightful
some species of *Phalacrocorax*, flying

April 15th

White Frost this morning.
Pleasant warm day wind S. E. forenoon
with little Rain, clear at noon, evening
hazy wind S. W. Fishing Hawk and
Chaparril arrived.

16th Warm growing weather, wind S.
Evening cool, cloudy & blustering, wind N.
after Lightning at N. W.

17th Dry windy & cool wind N. W.

18th Same, wind W.

19th Same, very warm midday wind
variable (Fox col'd Thrush arrived)

20th Hazy & warm forenoon smoky Sun.
Afternoon dark, cloudy, Evening Rain came
S. E. House-Wren arrived.

21st Showery last Night & today, wind N. E.
Evening cloudy & dark wind high.

22nd Forenoon cloudy, wind variable,
Evening clear.

23rd Morning cloudy clear at 9 o'clock
warm pleasant growing weather
Evening hazy. Yellow bird arrived
(Motacilla eslearns).

24th Cool & dry wind N. W.

25th Some white frost this morning
Midday warm & dry wind W.
Evening cloudy.

26th Showery wind S. E. Evening
Thunder & a heavy rain from N. W.

27th Chimney Swallow arrived

Pleasant growing weather,

28th Cloudy & chilly, wind Northwesterly
King Bird, Green Heron, Oriole.

April, 29th. Cool. wind N.W. ¹⁰¹ 1806

30th Same. Cherries & Pears in bloom

May 1st Morning cloudy, with misting Rain
cleared before noon wind N.W. evening cool

2^d Some Frost this morning. But afterward
a very warm & pleasant day, wind S.W.

3^d Warm growing weather wind S.

4th Same smoky Sun

5th Same very warm, Rain

6th Same, sultry, evening dark

7th Same, few drop of Rain from S.W.

8th Same little sprinkling of Rain afternoon
from S.W. evening serene. cooler

9th Forenoon Rain from S.W. Cleared
up at N.W. wind very blustering. Evening
windy & cold.

10th Cold & blustering wind N.W.

11th Some Frost this morning. moderate &
pleasant day wind S.W. Evening serene

12th Very warm day wind southerly

13th Hazy & sultry wind S.E.

14th Cloudy & cool, wind E. Evening
tempestuous wind N.E.

15th Morning cloudy, Evening serene
& cool wind Easterly

16th Cool morning little white Frost
Evening warm. hazy wind S.

17th Warm & dry, springs very low & pastures
drying up.

18th Hazy & sultry wind Southerly

19th Morning cloudy, cleared forenoon
hazy & sultry.

May 20th Cloudy & sultry, little

Rain afternoon, but not enough to lay the dust.

21st Cloudy & cool wind N.E.

22^d Morning cloudy wind N.E. afternoon & evening clear, wind yet N.E. & very cool
The drought is alarming. In Virginia & N.C. Carolina immense damage & loss is occasioned by fires spreading over the swamps & forests: in consequence of the drought

23^d Morning cloudy wind N.E. evening tempestuous with Rain.

24th Rain with strong wind N.E. evening calm & misting, wind E.

25th Morning cloudy & misting afternoon clear evening cool wind N.W.

26th Warm growing weather

27th Hazy & cool.

28th warm pleasant growing weather Tulip Tree in flower. Bee swarm.

29th Sultry day wind S.W.

30th Same Evening Rain

31st Thunder showers round about the horizon, but not much Rain

1806. 102
June 1st. Forenoon sultry Therm 82.
Afternoon Thunder showers from W. & N.W.
Evening cooler.

2^d. Clear & cold, wind N. Evening wind E.

3^d. Same

4th. Cold morning wind northerly, midday
hot wind S. evening calm & serene.

hard Frost in Jersey, Ice on ponds, & the
young leaves of Trees & shrubs, as well
as Peas Beans &c. much injured by the Frost,
but no frost observed in Pennsylvania
near Philadelphia

5th. Foggy morning gentle showers all day
wind southerly.

6th. Hot & sultry. distant Thunder at West
7th afternoon but no Rain

8th. Cloudy with some drops of Rain at
evening. Sultry.

9th. Sultry, a light shower of Rain after-
noon from west

10th. Same. light Thunder showers round
the horizon.

11th. Same

12th. Same

Very warm day, drought alarming
Young fruit drops, Rerules & springs
blow, corn & other spring crops suffer
The grass Caterpillar, commeth
great devastation on wheat in
Virginia.

13th. Cloudy & cooler but no Rain

14th. Same

June 15th moderate & pleasant. 104

Evening cool & windy, cloudy at West
16th A little haze this morning but
not to prevent the sight of a
grand eclipse of the Sun: almost
total.

17th Morning cool & pleasant, at meridi-
an hot Therm 84.

18th Hot day Therm. 90. fine shower of
Rain this evening.

19th Cloudy & cool wind N.E.

20th Morning misting afternoon
sultry, Evening showery & much Thunder
or N.E. & S. but little Rain in Kings Co.

21st Clear & cool wind high N.W.

22^d Temperate & pleasant weather.

23^d Clear hot & dry, Vegetation suffers
in want of Rain; Swales & Springs
dried up.

24th Very sultry Therm. 90. Evening cloudy
westward, Lightning & Thunder expect
Rain before morning.

25th Forenoon sultry Therm. 84.
afternoon gentle showers, with
thunder.

26th Cool pleasant day wind W.

27th Same

28th Same, Evening haze wind S.W.

29th Sultry, Evening showery wind S.

30th Morning misting, afternoon &
Evening heavy showers of Rain

July 1st Hot & sultry, very heavy

Rain from west in Evening, with heavy Thunder.

2^d Moderate & pleasant wind W.

3^d Cool & pleasant forenoon, Evening showery wind. S. E.

4th Serene cool & pleasant, wind N. W.

5th Same

6th Forenoon cool & pleasant, afternoon sultry, Evening Lightning N. W.

7th Morning cloudy till 10 o'clock a little Rain, cleared at noon Evening sultry Lightning at west.

8th Same weather, Evening hazy

9th Hazy & sultry Evening Rain

10th Moderate pleasant weather.

11th Same wind northerly, Summer & Evening Locust. (Cicada)

12th Cool pleasant wind northerly

13th Same. slight sprinkling of Rain

14th Foggy morning till 9 o'clock, cleared very sultry hot wind southerly.

15th Green Creeper, sings in evening.

16th Very sultry. Thunder shower afternoon

17th Cool pleasant day wind variable

18th Forenoon extreme sultry after a foggy morning, Afternoon a heavy Thunder shower

19th Morning sultry afternoon clouded up at west Evening heavy Rain with

Thunder

20th Moderate pleasant Forenoon. Evening heavy Thunder gust.

- July 20th Cool pleasant weather wind between N.W. & W.
- 21st Same, Evening calm & Sultry
- 22^d Showery till noon clear N.W.
Cool
- 23rd Cool for the season wind N.W.
- 24th Same; morning very cool & heavy Dew Indian corn in blossom
Mock Bird have left off singing.
- 25th Moderate pleasant weather.
- 26th Very sultry day, wind W.
- 27th Same
- 28th Forenoon very sultry afternoon showery from N.W.
- 29th Temperate & pleasant. wind N.W.
- 30th Cloudy & cool, after showers of Rain last night. Evening drizzling, wind N.E.
- 31st Cool & pleasant wind N.W.

August 1st Cloudy & cool. Evening.

- Rain wind S.E.
- 2^d Morning cool & pleasant afternoon Rain evening cool wind S.W.
- 3^d Cool pleasant wind N.W.
- 4th Cool & clear wind W.
- 5th Same, some light showers of Rain from N.W.
- 6th Clear & sultry after a Foggy morning night Haikah pass southerly

August 7th Hot & sultry after 1806
noon showery, with terrible Thunder
in evening.

8th Hot sultry day. Evening cloudy &
lightning at west.

9th Cool pleasant, wind N.W.

10th Same

11th Same

12th Morning foggy, cleared before noon
Afternoon cloudy. Evening Rain wind S.E.

13th Moderat pleasant, wind N.W.

14th Sultry Evening cloudy wind S.E.

15th Cloudy & sultry, wind variable

16th Cloudy & drizzling wind S.E.

17th Cool pleasant wind N.W.

18th Same. House swallow & Nighthawk
gone southward.

19th Morning cool & pleasant. After-
noon & evening sultry. Lightning
westward. Autumnal plants begin
to show their flowers, as, Goldenrod
asters, Rudbeckia, Symplicium, &c.

20th Rain this morning, cloudy all
day win Eastward.

21st Exceeding hot & sultry, slight showers
afternoon, toward evening.

22nd Sultry after a misting morning
Evening cloudy.

23rd Heavy showers of Rain all day
Evening tempestuous wind N.E.

168

August 24th Tempestuous night
and morning, cleared about noon
afternoon & evening, clear & moderate

25th Cool pleasant day wind W.

26th Same

27th Same

28th Cold morning afternoon & evening

29th cloudy moderate & pleasant, evening
cloudy wind S.W.

30th Bally & hazy evening cloudy

31st Morning misting, day moderate
evening clear & sultry

September 1st Showery all day

Evening cloudy & sultry, lightning
wind S. E. 7th.

2nd Heavy Thunder & Rain last night,
drizzling this morning, cleared afternoon
from N.W. Evening clustering & cold.

3rd Cool day wind N.W.

4th Same.

5th Cool morning, very warm mid-
day wind S.E.

6th Same wind variable, evening
cool wind N.W.

7th Cloudy & cool wind N.E.

8th Misting till 9 o'clock cleared wind N.E.

September 9th 1806.

Morning misty, cleared about 10 o'clock moderately warm. evening hazy & sultry wind S. W. chimney-bird. Whipporwill yet with us. Lightning N. W.

10th Cool day wind N. W.

11th Forenoon cleared & cool wind northerly afternoon moderate, evening cloudy wind S. Whipporwill yet.

12th Cloudy & chilly, evening calm & mild wind S. E.

13th Fine Rain this morning with some Thunder, wind S. cleared about noon.

Evening hazy & warm

14th moderate pleasant Day wind E.

15th Hot sultry day. Whipporwill, glow-worms,

16th Sultry Therm. 86. wind S.

17th Evening cloudy.

17th Same Therm 86. wind S. Whipporwill

18th Morning misting cleared about 9 o'clock

19th sultry day Therm 84. wind S. E.

19th Clear & moderate

20th Foggy morning, cleared about 11 o'clock moderate Therm. 80. Evening sultry & hazy.

21st Morning misting, hazy & sultry till evening clouded up N. W. which came over with terrible lightning & Thunder & heavy Rain: An alarming conflagration took place, opposite our house in mearmensing,

September 22. Cloudy & cool wind N.E. 110

23^d Same

24th Cool & showery wind N.E.

25th Same. Evening wind S.E.

26th Mistling & warm wind N.E.

27th Same forenoon wind S.W.
Evening hazy.

28th Cool morning, moderate pleasant
Day wind Easterly.

29th Morning cloudy wind N. afternoon
N.E. & Rain Evening tempestuous

30th Drizzling Rain forenoon, Evening clear
from 11. moderate.

October 1st Clear Warm day, Therm 78.
Wind S.

2^d Cool pleasant weather wind N.
Catbird yet with us.

3^d Warm pleasant day

4th Same, wind southerly Therm 78.

5th Same wind northerly, Evening
cool northerly light.

6th Warm & dry, wind S.W.

7th Morning cool, wind N.E. Evening
calm & more moderate, Catbird yet

8th Same wind N in Morning

9th Easterly in evening.
Morning misty, midday clear and
pleasant, Evening hazy, wind
southerly

October 19th Cloudy & Chilly 1856

11th Wind N.E. Catbird, Pewee yet with us
Same

12th Same; with rain in the night

13th Windy & cool evening blustering W.

14th Same but no Frost yet

15th Same. wind N.W. no Frost.

16th White Frost this morning, cool pleasant
day wind N.W. Hummingbird. Frost.

17th Moderate, wind Northerly Evening calm
hazy.

18th Hazy & moderate wind northerly

19th Cloudy morning clear afternoon
wind N.W. Evening clear & cool

20th Clear & cool wind N.W.

21st Morning clear & cool, wind Northerly

22^d Evening cloudy wind N.E.

23^d Same

24th Same, evening clear at North

25th Clear & cool, pleasant; wind N.E.
Dry Springs loco.

26th Plentiful white frost this morning
pleasant warm. Day Wind southerly

27th Same

28th Warm but hazy wind Southerly

29th Same. Snow Bird arrived from North
Red Thrush yet with us

30th Cloud & Rain Wind N.E.

31st Dry & Rain forenoon clear afternoon
Evening calm & cool wind N.W.

112
November 1.st Frost with some Ice
Cane Indica, convolvulus carolinus
Atropa physaloides, Capsicum, Menosia
Judica, & some other plant suffer in
the garden: Heliotropium indicum
killed. Wind northerly in morning
2^d 3^d Afternoon. Cold.
— Frost last night, clear cool & dry.
3^d Cool clear & dry.

4. same.

5th Cool, & hazy wind variable,

6th Cloudy & chilly wind N.E. light Rain
— Showery wind N.E.

7th Wind & cold, N.W. blustering

8th Drizzling Rain wind southerly

9th Cold & blustering wind N.W.

10th Same: Evening calm & Chilly wind S.

11th Same, hard frost some Ice on shallow ponds

12th White frost, more moderate evening foggy.

13th Pleasant white frost, pleasant day
— Evening calm & warm wind S.

14th Hazy & cloudy, afternoon wind variable

15th Evening warm & cloudy wind N.E.

16th Showery all day wind N.E.

17th Cool & blustering wind N.W.

18th Same, wind N in evening

19th Clear & cold wind northerly

20th Same, Ice on the flats of Schuylkill

21st Pleasant white frost. Forenoon
— moderate, Afternoon cloudy & chilly
— & wind variable. Evening misting.

22nd Morning misty, cleared before noon
— pleasant warm wind S.W.

23rd Hazy & warm

November 23^d Hazy & drizzling Rain 1806

This evening wind East.

24th Rain last night, Cloudy & misting all day wind N. E.

25th Cloudy Air moderate wind N. E.

26th heavy shower of Rain till noon N. E. Evening cold & blustering wind N. W.

27th Cold & blustering N. W. evening more calm wind N. E.

28th Cloudy & warm wind N. E. a Fresh in the night. Tide over the banks.

29th Cloudy & light rains wind southerly.

30th Clear & cool wind N. W.

December 1st Clear & cool, after a plenty of white frost. Perit yet with us.

2^d Same, wind N. W.

3rd Snow, stormy all day Evening extremely tempestuous. wind N. E.

4th Clear & cold wind N. W.

5th Same; slight fall of snow at evening

6th cloudy & chilly wind N. Westward.

7th Hazy & chilly wind variable

8th Same, evening clear & calm wind S. W.

9th Morning misting Evening cloudy &

10th chilly wind northerly.

11th Snowing all day wind N. E. Evening tempestuous

12th Same. Evening more moderate wind E.

13th Blustering from N. W. evening cold & freezing wind N.

14th Clear & cold wind N. W.

114

December 15th Clear & pleasant
day after a severe frost last night
Skuylkill fast frozen, wind Northerly
Evening moderate wind S.W.

16th Frosty morning, clear moderate
the pleasant weather, wind Eastwardly
17. Robin Blue Bird Yellow Rump.

18th Frosty morning, pleasant day
Hazy, evening misting, wind N.E.
no frost.

19th Hazy & thawy. Snow almost melted
Skuylkill clear of Ice below the
Bridges, large flocks of Robbins,
feeding on Lotice berries, Red Cedar, &
the remains of Poke berries. &c.

20th Same wind S.W. Evening halo round
the Sun.

21st Cloudy & chilly wind variable

22nd Morning drizzling, cloudy & chilly
Ice coming clear at N.W. moderate
No Ice in Skuylkill below Bridge.

23rd Showery wind N.E. Evening clear day
wind S.W. moderate

24th Pleasant warm weather wind S.W.

Evening S.E. Chewink yet with us.

25th Cloudy & chilly. wind S.E.

26th Morning misting & warm as Spring
Evening clear & cool wind N.W.

no Snow to be seen nor frost on the ground.

27th Clear moderate pleasant wind N.W.

28th Showery. Ice towards evening cleared
up from N.W. cold & blustering

December 29th.

Cold & blustering wind S.W.W.

1806.

30th Very cold & freezing all day, wind N.W.

31st Same Evening serene & freezing

January 1. (New Year.) Severe frost
Schuyler again fast frozen, Evng. calm &
more moderate: wind S.E. & Robins, Blue birds.

2d Severe frost. Therm 20. Afternoon & Evening
a milder; not freezing wind Southerly.

3d Sleet last night, cleared by sunrise, forenoon
moderate & thawing, afternoon Wind N.W. evening
cold & freezing.

4th Moderate pleasant clear weather

Robbins, Turtle dove Bluebird, many

Insects flying about Wind S.W.

5th Hazy, evening fair. wind S.

6th Chilly & freezing.

7th Clear, cool & moderate, wind N.W.

8th Same rather more moderate. N.W.

9th Same.

10th Same. wild pigeons flying in flocks.

11th Hazy & chilly wind southerly, evening
cloudy. Robins, Blue bird, Yellow rump.

12th Hazy & warm wind S.W. Evng cloudy.

13th Clear & moderately cold, wind N.W.

14th Clear, very cold, Therm. 12 in evening
much ice, Delaware floating, so as to impede
navigation -

15th Clear & cold froze the River fast last
night Therm 12. this morning

16th Cloudy & chilly Therm. 40. Evening
warm. Wind Southerly.

January. 16th —

Clear moderate. Therm. 46. Insects.
Spiders dark their webs. —

17th Warm clear & cold. Afternoon

hazy & chilly evening cloudy, wind E.

18th Snow ceased afternoon, evening

th cloudy & cool wind Northerly

19. Robbin, bluebird, yellow Bump, Cedarbird.

— Exceeding cold this morning Therm 4 above 0
Robbin's bluebird yellow Bump.

20th Extreme cold this morning,

Therm. Zero (0) wind N.W. after-
noon moderated wind S.W.

Evening moderate & serene.

21. Clear, moderately cool. Therm. 14 above 0.

22nd Hazy & chilly wind N.W. Therm. 29.

23rd Cold morning hazy Therm 10.

Evening cloudy. Warm.

24th moderate & showery, wind Westward.

25th Clear & cold, wind N.W.

Therm. 8. above 0.

26th Exceeding cold this morning wind N.W.

Evening more moderate, wind N.E.

27th Cloudy, wind S.E. showery

28th Pleasant warm day. Therm 46.

29th Warm pleasant. Therm. 50.

30th Warm as Summer.

31st Warm Breeze wind S.E. Ice broke
up in Bay. Hill

121
117
February 1st Clear last night 1807

cool windy Day N. W. Evening calm & moderate

2^d forenoon Warm & pleasant a summer wind S. wind came round to N. W. evening cold & blustering

3^d Cold blustering day wind N. W. Therm 23.

4th Cloudy & chilly. wind notherly. Therm 24.

5th Same wind S. Like for Rain this evening Therm.

this morning at Sunrise 3 above 0.

6th Snow last night. clear this morning before 12 o'clock. at N. W. Evening blustering and extremely cold. below 0

7th Therm. this morning 5. Clear cold & freezing but more moderate this evening wind N. W.

8th More moderate. Therm. this morning 18. Ice between 5 & 6 inches in thickness on Schuykill. bird?

8th Cloudy & chilly, wind variable all day Blue & bird?

9th Cloudy & sunshine alternately. Therm 45. wind variable.

10th Cloudy & thawy, wind variable. a flight of Pigeons pass by Notherly. Evening tempestuous with Rain wind N. E.

11th Cloudy & thawy

12th Rain all day with N. E.

13th Rain until towards evening. Ice on Schuykill. clear of Ice below Bridge. Blue Bird

14th Clear last night from N. W. blustering this evening cold.

15th Cold. Schuykill sealed over again. Snow clear afternoon. Therm. this morn. 14. above 0 & apples & walnuts

16th evening calm & freezing. Cloudy & chilly, snow, Sleet & Rain in evening

February 17th Cloud & chilly

18. Rain & stormy from S.

19th Clear up last night wind W. cold
blustering but not freezing.

20. Same

21. Clear & moderated wind W. Skunk's Owl
in evening.

22. Forenoon warm & pleasant as month
of May. Afternoon & evening cloudy with
S.E. Kildee, Red wing Blue bird.
& *Heleborus hyemalis* in flower

23. Same

24th Cloudy & chilly, sleet & snow at evening

25th Clear & moderate, near all the snow
that fell last night melted.

26th Same wind NW. no frost.

27th Cloudy. Afternoon & evening
Rain & tempestuous

March 1st. Cool wind NW. evening
cloudy more moderate wind S.W.

2d. Snow quail this morning before sunrise
Cold blustering day wind NW. Evening
serene & freezing. Therm 16.

3d. Cold morning, heavy hill fast
frozen over, but cleared away before
night. Evening hazy & warm wind S.

4th Snow 4 inches in depth on the ground.
This morning wind N.E. cleared about
noon warm snow melted before night
Evening cloudy & chilly wind N.E.

5th Snow until 12. O'Clock. Evening clear & cold

121
119

March 6th Pleasant moderate 80%.

weather, wind variable

7th Warm Rain wind N.E.

8th Rain cleared at evening wind N.E.

9th Temperate

10th same blustering snow drops in flower

11th Clear & moderate wind N.W.

12th same. Crow Blackbird (*Gracula baritata*)

13th Rain snow & sleet, Evening tempestuous

14th This morning the ground covered with snow but all disappeared by noon Evening clear & calm. wind N.W.

15th Clear & moderate, wind N.W.

16th Forenoon clear & warm wind S. Evening cloudy. Pewee, Woodcock (*Scelopax*) arrived

17th Warm pleasant day, Vernal Crocus in flower. Cowbird Bird.

18th Cold & blustering, wind N.W. Ponds frozen over this morning. Evening calm & freezing.

19th Cold blustering day, ponds covered with ice this morning, but dissolved before night. Evening freezing.

20th Ice now much in thickness on ponds

Therm. 27.

21st Cool blustering day wind N.W.

Evening calm.

22nd Same wind W.

23^d Serene & moderate. Spring Frogs whistle.

24th Forenoon warm & pleasant, Afternoon hazy wind E. Evening Rain, sleet & tempestuous. Bank Martin arrived.

March 25th —

120

Cleared this morning at West, Evening
clear & cool wind N.W. Aurora Borealis

26th Cold & blustering wind N.W.

27th Same

28th Ice on Ponds this morning wind N.
Afternoon wind S. warm & pleasant
Towards evening clouded up from
S.W. Rain.

29th Rain & sleet wind N.E.

30th Rain & sleet most of the night. Cleared
this morning wind N. Afternoon Wind S.
Evening cloudy wind S.E.

31st Tempestuous night. This morning the
Earth covered with Snow & sleet, cleared
towards evening, cold & blustering wind N.W.

April 1st Hard Frost this morning
cold blustering day, wind W. Evening
more calm & moderate.

2^o Snow hail & sleet wind N.E.

3^o Cool blustering Westwind with Snow-
squalls.

4th Cold & high wind W. Freezing in shade

5th Same till evening calm & moderate
cloudy wind S.E. like for Rain

6th Clear pleasant moderate weather

7th Pleasant spring weather wind S.
Meadow Sedge sowed. Rock-
saxifrage, *Diaplysa* in flower

121
April 8th Clear & moderate 1857.

9th Cloudy morning wind N.E. began to
Rain about noon Evening tempestuous
with Rain. Meadow Snipe arrived.

10th Cool morning, but no frost, wind N.W.
Clear & pleasant day.

11th Fine growing weather, but yet none
of the Fruit Trees in blossom.
Taxifrage, Draba, Hepatica, Arabis Lyra
ta. in flower. Red Bird (cardinal) Kingfisher
Martin, House Swallow arrived.

12th Forenoon cloudy Afternoon Rain

Wind N.E. evening tempestuous
13th Rain & tempestuous wind N.E. & E. Evening
clouded at N.W.

14th Morning clear & cool, afternoon warm
Wind N. Evening calm & moderate

15th no frost
Pleasant, clear, Forenoon wind S.
Which brot, a large Flight of White Brant-
Geese, & a pair of Ravens; the former swept
on to the north, the latter westward.
Afternoon & Evening wind N. No Fruit
Trees yet in bloom, Cornel Tree in blossom.

16th Warm pleasant growing weather
Large flight of Geese passing nothward
Fishing Hawk arrived

17th Hazy, moderate wind S.E. Evening
Chilly wind brisk at N.E.

18th Warm growing weather, rather
hot about midday.

April 19th. Warm as Summer, wind S. 122

Cotopaxi will this Evening.

20th. Warm & showery all day from S.W.
Evening hail, from N.W. with a high
wind & cool. Kingbird, Summer Yellow-
bird, Grey Flycatcher, Green Bittern, Purple
Martin;

21st. Cool windy N.W. Red Thrush, House Wren

22^d. Peach in blossom.

Some frost this morning. Cool day
Wind northerly. Evening more moderate
wind S.

23^d. White frost this morning, pleas-
ant clear weather wind. S.E.

24th. Showery all day, wind Southerly.

25th. Same wind S.E. till noon a
Thunder shower from S.W. Evening
serene wind N.W.

26th. Clear cool & moderate wind N.W.
Wood Thrush.

27th. Clear, temperate growing weather
wind S. Catbird. Cherry in bloom

28th. Cloudy wind S.E.

29th. Showery all day. Very heavy Thund-
er this morning from N. Black till
daylight. Heavy Thunder shower this evening

30th. Forenoon clear pleasant growing
weather. Afternoon, showery, free
night wind N.W.

May 1. Temperate cloudy & light shower
most of the day evening lightning
wind N.E.

123

May 2^d Forenoon Cloudy with 1807th

Thunder & light showers, wind E. Afternoon
wind N.W. Evening wind N. & cold

3^d Blustering & cold wind N. Evening calm
and more moderate

4th Morning cool, Rain before noon from N.W.
Evening blustering.

5th Cool Morning, Evening moderate, cloudy
Wind Westward.

6th Showery & cold, some Thunder eastward
cleared at evening N.W. moderate.

Yucca breasted Chat, Blue Linnet, arrived.

7th Windy & cool. Evening serene & more moderate

8th Forenoon clear & cool. wind N.W. Evening
calm & warmer, wind E.

9th Forenoon cloudy. Afternoon Rain wind N.E.
Evening tempestuous.

10th Cloudy & cool. wind E. Evening serene wind N.W.

11th Forenoon cold wind Northerly, Evening serene
and temperate wind S.

12th Clear & temperate wind southerly Cuckoo
arrived. Dogwood, Apple, Tulip, &c. in bloom

13th Forenoon cloudy, Evening Rain wind S.E.

14th Warm growing weather

15th 16th same

17th same, fine shower last night.

moderate, Day.

18th Cool wind N.W. squally & drizzling in evening

19th Cool, wind N.W.

20th Warm sultry, wind S.

21st same

22nd Dry & sultry forenoon, serene S. Evening
cloudy wind N.E.

Philadelphia.
a general

collection of seeds
& plants native
of America to the
amount 20 dollars
on board the
Schooner Salla
John Welches
ward Betwe Ches-
ward Monday
or Tuesday

Monday
King

Philadelphia
1800