

NO  
'68

SPRING.

SUMMER.

THE  
OLD

FARMER'S

1860.

ALMANAC

BY

ROBERT B. THOMAS



BENJAMIN FRANKLIN



ROBERT B. THOMAS



AUTUMN.



WINTER.

WORCESTER:  
EDWARD MELLEN, JR.

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10. Because in Natural History, Science and Art, it not only includes accurate descriptions and definitions of objects, words and terms before known or used, but also of those recently discovered, invented, or introduced.

11. Because, in words of old English, in local and provincial words and expressions, both English and American, in phrases, in modern words and significations, in technical and commercial words and terms, it is far more complete than any similar work.

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NUMBER SIXTY-EIGHT.

THE  
(OLD)  
**FARMER'S ALMANACK,**

CALCULATED ON A NEW AND IMPROVED PLAN,  
FOR THE YEAR OF OUR LORD

**1860;**

Being BISSEXTILE or LEAP YEAR, and (until July 4) 84th of American Independence.

FITTED FOR BOSTON, BUT WILL ANSWER FOR ALL THE NEW ENGLAND STATES.

Containing, besides the large number of Astronomical Calculations,  
and the Farmer's Calendar for every month in the year,  
as great a variety as any other Almanack of

**NEW, USEFUL, AND ENTERTAINING MATTER.**

ESTABLISHED IN 1793,

**BY ROBERT B. THOMAS.**



\* \* \* Another year  
Succeedeth to the past; in their bright round  
The Seasons come and go; the same blue arch  
That hath hung o'er us, will hang o'er us yet;  
The same pure stars we've loved to watch,  
Will blossom still at twilight's gentle hour.

G. D. PRENTICE.

**BOSTON:**

**PUBLISHED BY HICKLING, SWAN & BREWER.**

Sold by the Booksellers and Traders throughout New England.

[Entered according to Act of Congress, in the year 1859, by HICKLING, SWAN & BREWER,  
in the Clerk's Office of the District Court of the District of Massachusetts.]

## TO PATRONS AND CORRESPONDENTS.

We again have the pleasure of appearing before our numerous patrons and friends, and, with many wishes for their prosperity and happiness, present them with the sixty-eighth number of our annual, bearing the date of 1860.

The constantly increasing circulation of the work, now reaching almost a quarter of a million copies yearly, indicates that it meets the approval of the people of New England, to whom we are indebted for that circulation. We hope the work will be ever worthy of this approval.

The Presidential Election occurring in 1860, we have, upon page 45, inserted statistics in regard to electors, votes for President in 1856, &c., which will be found interesting. By reference to page 32, it will be seen that important changes have been made during the past year in the Courts in Massachusetts.

We are under obligations to Hon. Chief Justice Shaw for the interest he has shown in having the terms of the Supreme Judicial Court correct in our pages; to a gentleman of Boston for valuable tables upon the weather, rain, &c., for 10 years past, which will be found on page 46; to G. P. Lyon, Esq., for information in regard to the Courts in New Hampshire; to C. H. Parkhurst, Esq., Attorney at Law, Providence, for information as to the Courts in Rhode Island; to C. L. Flint, Esq., for a valuable article in regard to Agriculture in New England on pages 34 and 35; to Mr. F. G. Sauborn for a brief but excellent article upon Insects on page 42; and to others, friends and correspondents, who have enabled us to add to the value and usefulness of the work, and make it, as we trust, more acceptable to all.

Collected, as the information in the Almanac is, from a great variety of sources, entire accuracy may not be attained; still, this is the point aimed at, and if errors are found in the work, the publishers will feel obliged if they could be advised of them, by letter, and corrections will be made in future numbers.

Again asking that the favors of correspondents should be brief, and should reach us by July 1st of each year, directed to care of the Publishers, we would repeat the promise of the Editor, "that no effort shall be spared to make the Almanac useful, pleasing, and worthy the continued patronage of its numerous friends."

*Wm. O. Thomas.*

### EXHIBITIONS OF AGRICULTURAL SOCIETIES IN MASS.

The Legislature of Massachusetts, passed, in 1859, an Act to take effect from and after January, 1860, in which it is provided as follows:

SEC. 3. The Agricultural Societies herein named shall commence their Annual Exhibitions on the days following:

The "Middlesex North," and "Highland," on the last Thurs. but two in Sept.

The "Middlesex South," and "Hampden East," on the last Tues. but one of Sept.

The "Middlesex," and "Hampden," on the last Thurs. but one of Sept.

The "Essex," and "Worcester North," and "Berkshire," on the last Tues. of Sept.

The "Franklin," "Worcester Co. West," and "Norfolk," on the last Thurs. of Sept.

The "Housatonic," "Worcester," and "Bristol," on the first Tues. of Oct.

The "Hampshire, Hampden, and Franklin," "Worcester South," and "Plymouth," on the first Thurs. of Oct.

The "Barnstable," on 2d Tues. of Oct.

The "Nantucket," and "Hampshire," on the 2d Thurs. of Oct.

The "Martha's Vineyard," on the 3d Tues. of Oct.

### PROTECTION OF TREES ON HIGHWAYS.

The Legislature of Massachusetts also passed, in 1859, the following Act for the further protection of Trees on Highways:

*Be it enacted, &c., as follows:* Whoever shall, negligently or carelessly, suffer any horse or other beast, driven by or for him, or any beast belonging to him and lawfully being on the highway or other public way, to break down, destroy or injure any tree not his own, standing for use or ornament on the said highway, or shall negligently or wilfully, by any other means, break down, destroy or injure any such tree, shall be subject to an action for damages, at the suit of the owner or tenant of the land in front of which such tree stands.

YEARLY AND QUARTERLY MEETINGS OF FRIENDS IN NEW ENGLAND,  
Same as in Almanac of 1858.

## ECLIPSES OF THE SUN AND MOON FOR 1860.

In this year there will be two eclipses of the SUN, and two of the MOON.

I. — *An Annular Eclipse of the Sun*, January 22d, visible to southern extreme of South America and Southern Ocean.

II. — *A Partial Eclipse of the Moon*, February 6th, as follows :

Moon enters Penumbra,	7h. 18m.	} P. M. Mean time at Boston.
Moon enters Shadow,	8h. 19m.	
Greatest Eclipse,	9h. 45m.	
Moon leaves Shadow,	11h. 12m.	
Moon leaves Penumbra,	12h. 13m.	

Magnitude of Eclipse = 0.812 (Moon's diameter = 1).

III. — *A Total Eclipse of the Sun*, July 18th, visible as a partial eclipse at the following places :

	Beg.	End.		Beg.	End.
Eastport, Me.,	7h. 44m.	9h. 56m.	Boston, Mass.,	7h. 25m.	9h. 31m.
Bangor, Me.,	7h. 35m.	9h. 46m.	Northamp., Mass.	7h. 16m.	9h. 22m.
Portland, Me.,	7h. 28m.	9h. 37m.	A.M. Providence, R. I.	7h. 22m.	9h. 28m.
Concord, N. H.,	7h. 22m.	9h. 28m.	Hartford, Ct.,	7h. 16m.	9h. 21m.
Montpelier, Vt.,	7h. 17m.	9h. 24m.	New Haven, Ct.,	7h. 15m.	9h. 18m.

IV. — *A Partial Eclipse of the Moon*, August 1st, invisible to the continent of America ; visible in the remainder of the world.

## NAMES AND CHARACTERS OF THE PLANETS.

☉ The Sun.	♂ Mars.	♄ Saturn.	♃ Vesta.
☾ The Moon.	♃ Jupiter.	♅ Uranus.	♃ Juno.
☿ Mercury.	♁ The Earth.	♆ Neptune.	♃ Pallas.
♀ Venus.			♃ Ceres.

## NAMES AND CHARACTERS OF THE ASPECTS.

♁ Conjunction, or in the same degree.	♁ Opposition, or 180 degrees.
* Sextile, 60 degrees.	♁ Dragon's Head, or Ascending Node.
□ Quartile, 90 degrees.	♁ Dragon's Tail, or Descending Node.
△ Trine, 120 degrees.	

## NAMES AND CHARACTERS OF THE SIGNS OF THE ZODIAC.

1 ♈ Aries, head.	5 ♌ Leo, heart.	9 ♎ Sagittarius, thighs.
2 ♉ Taurus, neck.	6 ♍ Virgo, belly.	10 ♏ Capricornus, knees.
3 ♊ Gemini, arms.	7 ♎ Libra, reins.	11 ♐ Aquarius, legs.
4 ♋ Cancer, breast.	8 ♏ Scorpio, secrets.	12 ♑ Pisces, feet.

## CHRONOLOGICAL CYCLES FOR 1860.

Golden Number,	18	Dominical Letters,	A G	Roman Indiction,	3
Cycle of the Sun,	21	Epact,	7	Julian Period,	6573

## MOVABLE FEASTS AND FASTS FOR 1860.

Septuagesima Sunday, Feb. 5	Good Friday, April 6	Holy Thursday, May 17
Shrove Sunday, " 19	EASTER SUNDAY, " 8	Whit Sunday, " 27
Ash Wednesday, " 22	Low Sunday, " 15	Trinity Sunday, June 3
First Sunday in Lent, " 26	Rogation Sunday, May 13	Advent Sunday, Dec. 2

## HINTS AND HOME THOUGHTS FOR 1860.

The matter of insurance against fire is so important, and so apt to be neglected, that I would ask if you have attended to it? Is the policy all right, and at a responsible office? — I suppose you are aware that the surest way to destroy your own health is to be constantly drinking that of other people. — The exercise of prudence, perseverance, and manly energy, will prevent you from having to read, as Jerrold says, "those hard words, want and poverty, in the iron book of daily life." — Keep your soul open to the sunshine, for if your heart gets clouded with discontent and impatience, you will find the pleasantest place on earth dark and disagreeable. — Never open the door to a small vice, lest a large one should enter. — Control your speech and actions, for an idle, inconsiderate word, or the thoughtless act of a moment, may poison or cloud the happiness of yourself or another for a lifetime. — A grain of prudence is worth a pound of craft. — Upright walking is sure walking. — People who are jealous or particularly careful of their own rights and dignity, always find enough of those who do not care for either, to keep them continually uncomfortable. — Zeal, not rightly directed, is pernicious; for as it makes a good cause better, so it makes a bad cause worse. — Witty sayings are as easily lost as the pearls slipping off a broken string; but a word of kindness is seldom spoken in vain; it is a seed which, even when dropped by chance, springs up a flower. — If there are no trees by the road-side near your dwelling, cannot you set out some this year?

## COMMENCEMENTS, ANNIVERSARIES, AND VACATIONS, OF COLLEGES AND THEOLOGICAL SCHOOLS, IN NEW ENGLAND.

**HARVARD, AT CAMBRIDGE, MASS.—Com.,** 3d Wed. July. Vaca., 1st, from end of first term, 6 w.; 2d, from end of second term (commencement week), 6 w.; the academical year being divided into two terms of 20 weeks each, and beginning at com.

**CAMBRIDGE THEO. SEM., AT CAMBRIDGE, MASS.—**Vaca., same as Harvard College.  
**TUFTS COLLEGE, MEDFORD, MS.—Com.,** 2d Wed. in July. Vaca., 1st, from end of 1st term, 6 w.; 2d, from end of 2d term, 6 w. College year divided as at Harvard College.

**AMHERST, AT AMHERST, MASS.—Com.,** 2d Thurs. in Aug. Vaca., 4 w. from com.; 6 w. from the Wed. before annual Thanksgiving; 3 w. from the 3d Wed. in April.

**WILLIAMS, AT WILLIAMSTOWN, MASS.—Com.,** 1st Wed. in Aug. Vaca., com. 5 w.; from 4th Tues. in Nov., 6 w.; 3d Tues. in Apr., 2 w.

**ANDOVER THEOL. SEM., AT ANDOVER, MASS.—**Anniv., 1st Wed. in Sept. Vaca., 7 w., and 5 w. preceding last Wed. in May.

**NEWTON THEO. SEMINARY, AT NEWTON, MASS.—**Anniv., last Wed. in June. Vaca., 9 w. from anniv., and also 3 w. from last Wed. in January.

**YALE, AT NEW HAVEN, CONN.—Com.,** last Thurs. in July. Vaca., 7 w. from com.; 2 w. before 1st Wed. in Jan., and 3 w. before 1st Wed. in May, when the terms commence.

**TRINITY, AT HARTFORD, CONN.—Com.,** Thurs. before July 4th. Vaca., 8 w. from

com.; 2 w. from the Thurs. before Christmas; 3 w. from the close of Lent term.

**WESLEYAN, AT MIDDLETOWN, CONN.—Com.,** 4th Wed. in June. Vaca., 4 w. from com.; 8 w. from Dec. 1; 2 w. from May 4.

**UNIVERSITY OF VERMONT, AT BURLINGTON.—Com.,** 1st Wed. in Aug. Vaca., com. 4 w.; 1st Wed. in Dec. 8 w., and 1 w. from 2d Wed. in May.

**MIDDLEBURY, AT MIDDLEBURY, VT.—Com.,** 2d Wed. in Aug. Vaca., com. 4 w.; last Wed. in Nov., 8 w.; 1 w. from 4th Wed. in April.

**DARTMOUTH, AT HANOVER, N. H.—Com.,** last Thurs. in July. Vaca., 4 w. from com.; 7 w. beginning in Nov., and 2 w. in May.

**BROWN, AT PROVIDENCE, R. I.—Com.,** 1st Wed. in Sept. Vaca., from 2d Wed. in July to com., and from 3d Wed. in Jan. to 3d Wed. in Feb.

**BOWDOIN, AT BRENSWICK, ME.—Com.,** 1st Wed. in Aug. Vaca., at com., 3 w.; from last Wed. in Nov., 8 w.; 1 w. from 3d Wed. in April, 2 w.

**WATERVILLE, AT WATERVILLE, ME.—Com.,** 2d Wed. in Aug. Vaca., at com., 4 w.; from 2d Wed. in Dec., 8 w.; from 1st Wed. in May, 1 w.

**MAINE WESLEYAN SEM., AT READFIELD, ME.—**Two terms, of 15 weeks each. Fall term com. 1st Wed. in Aug. Spring term com. 1st Wed. in March.

**BANGOR THEO. SEM., AT BANGOR, ME.—**Anniv., last Wed. in July. Vaca., from do., 12 w.

### EXECUTIVE GOVERNMENT OF THE UNITED STATES (JUNE, 1859).

JAS. BUCHANAN, Penn., President, \$25,000	Howell Cobb, Geo., Sec. Trea., \$8,000
Lewis Cass, Mich., Sec. State, 8,000	Jacob Thompson, Miss., " Inter., 8,000
Isaac Toucey, Conn., " Navy, 8,000	Joseph Holt, Ky., Post. Gen., 8,000
John B. Floyd, Va., " War, 8,000	Jer. S. Black, Penn., Atty " 8,000

### AMERICAN PRESIDENTS.

Where Born.	Date of Birth.	Term of Office.	Age when term expired.	Died.
Geo. Washington, Va.,	Feb. 22, 1732,	1789 to 1797,	68,	Dec. 14, 1799
John Adams, Mass.,	Oct. 19, 1735,	1797 to 1801,	do.,	July 4, 1826
Thomas Jefferson, Va.,	Apr. 2, 1743,	1801 to 1809,	do.,	July 4, 1826
James Madison, "	Mar. 5, 1751,	1809 to 1817,	do.,	June 28, 1836
James Monroe, "	Apr. 2, 1759,	1817 to 1825,	do.,	July 4, 1831
John Q. Adams, Mass.,	July 11, 1767,	1825 to 1829,	62,	Feb. 23, 1848
Andrew Jackson, S. C.,	Mar. 15, 1767,	1829 to 1837,	70,	June 8, 1845
Martin Van Buren, N. Y.,	Dec. 5, 1782,	1837 to 1841,	59,	
Wm. H. Harrison, Va.,	Feb. 9, 1772,	1841 —	69,	Apr. 4, 1841
John Tyler, "	Mar. 29, 1790,	1841 to 1845,	55,	
James K. Polk, N. C.,	Nov. 2, 1795,	1845 to 1849,	54,	June 15, 1849
Zachary Taylor, Va.,	Nov. 24, 1784,	1849 to 1850,	65,	July 9, 1850
Millard Fillmore, N. Y.,	Jan. 7, 1800,	1850 to 1853,	53,	
Franklin Pierce, N. H.,	Nov. 23, 1804,	1853 to 1857,	53,	
James Buchanan, Penn.,	Apr. 13, 1791,	1857 —		

### LEGAL TENDER OF GOLD AND SILVER COIN.

American Eagle, coined prior to July 31, 1834, 270 gr., is	\$10 66	Central American, 17 dwt. 7 gr., is	\$1 00
Half Eagle, 135 gr., is	5 33	Florin of Southern German States,	40
Eagles coined since July '34, 257 gr., 10 00		Florin of Austrian Empire,	48½
Double Eagle and parts in proportion.		Specie Dollar of Sweden and Norway,	1 06
Doublon, 17 dwt. 8 gr., is	15 58	" " " Denmark,	1 05
Half Johanna, 9 dwt., is	8 53	Thaler of Prussia and Germany,	69
British Sovereign, 5 dwt. 3½ gr., is	4 87	Pound of Nova Scotia, New Brunswick, Newfoundland, and Canada,	4 00
French Napoleon, 4 dwt. 3½ gr., is	3 86	Franc of France and Belgium, and	
Spanish Dollar, 17 dwt. 7 gr., is	1 00	Livre of Sardinia,	18 6-10 cts.
Mexican Dollar, 17 dwt. 7 gr., is	1 00	Ducat of Naples,	80 "
Peruvian Dollar, 17 dwt. 7 gr., is	1 00	Piastre of Turkey,	4 2-5 "
Chilian Dollar, 17 dwt. 7 gr., is	1 00	5 Franc Piece (French),	93 "

# WORTHLESS AND UNCURRENT BANK NOTES IN NEW ENGLAND.

CORRECTED BY GILBERT & SONS, BANKERS AND BROKERS,

16 Merchants' Bank Building, 28 State Street, Up Stairs. (June, 1859.)

## MASSACHUSETTS.

American Bank, }  
 Commercial Bank, }  
 Commonwealth Bank, }  
 Cochituate Bank, }  
 Franklin Bank, }  
 Fulton Bank, }  
 Grocers Bank, }  
 Hancock Bank, }  
 Haymarket Sq. Bank, }  
 Kilby Bank, }  
 Lafayette Bank, }  
 Middling Interest Bank, }  
 Oriental Bank, }  
 South Bank, }  
 Amherst Bank, Amherst. }  
 Berkshire Bank, Pittsfield. }  
 Bank of General }  
 Interest, }  
 Essex Bank, } Salem.  
 Farmers' Bank, }  
 Chelsea Bank, Chelsea.  
 Citizens' Bank, Nantucket.  
 City Bank, Lowell, *fraud.*  
 Cohannet Bank, Taunton.  
 Cohasset Bank.  
 Charlestown B'k, } Charles-  
 Phoenix Bank, } town.  
 Rochester and Milton Bk.  
 Duxbury Bank, Duxbury.  
 East Bridgewater Bank, E.  
 Bridgewater.  
 Essex Bank, N. Andover.  
 Farmers' Bank, Sandstone.  
 Farmers' and Mechanics'  
 B'k, Belchertown.  
 Farmers' and Mechanics'  
 B'k, South Adams.  
 Greylock Bank. [ton.  
 Hampshire B'k, Northamp-  
 Ipswich Bank, Ipswich.  
 Manuf.'s B'k, Georgetown.  
 Manufacturers' & Mechan-  
 ics' Bank, Nantucket.  
 Mendon Bank, Mendon.  
 Middlesex B'k, Cambridge.  
 Middling Interest Bank, Sa-  
 lem, *closed.* [buryport.  
 Newburyport Bank, New-  
 Nahant Bank, Lynn.  
 Norfolk Bank, }  
 Roxbury Bank, } Roxbury.  
 Winthrop Bank, }  
 Pawtucket B'k, Pawtucket.  
 Phoenix Bank, Nantucket.  
 Sandwich Bank, Sandwich.  
 Sutton Bank, Wilkinsonville.

## NEW HAMPSHIRE.

Concord Bank, Concord.  
 Cheshire Bank (old).  
 Claremont B'k, Claremont.  
 Derry Bank, of Derry.  
 Dover Bank, Dover (old).  
 Exeter B'k (old), }  
 Exeter B'k (new), } Exeter.  
 Granite Bank, }  
*clo.* (old), }  
 Farmers' Bank, Amherst.

Lancaster B'k, Lancaster.  
 Lebanon Bank, Lebanon.  
 Manufacturers' Bank, New  
 Ipswich.  
 Commercial Bank, } Ports-  
 Piscataqua Bank, } mouth.  
 Portsmouth Bank, }  
 Grafton Bank, Haverhill.  
 Hillsboro' Bank, Hillsboro'.  
 New Hampshire B'k, Ports-  
 mouth. [*closed.*  
 New Hampshire Union B'k,  
 Pemigewasset B'k, Plym'th.  
 Winnipiseogee B'k, *closed.*  
 Wolfborough B'k, Wolfboro'.  
 Rochester B'k, Rochester.

## CONNECTICUT.

Bank of Seymour, Seymour.  
 Bridgeport Exchange Ass'n.  
 Bridgeport Manufactur. Co.  
 Colchester B'k, Colchester.  
 Commercial Bank, Tolland.  
 Conn. Mining Co., Hartford.  
 Derby Bank, Derby.  
 Eagle Bank, New Haven.  
 Eastern B'k, W. Killingsly.  
 Granite, Voluntown, *fraud.*  
 Housatonic R. R. Company,  
 Bridgeport.  
 Manufacturers' B'k, Derby.  
 Litchfield Bank, Litchfield.  
 Merch's Ex. B'k, Bridgept'.  
 N. Haven Co. B'k, N.Haven.  
 Woodbury B'k, Woodbury.

## MAINE.

Agricultural Bank, Brewer.  
 Androscoggin Bank.  
 Brunswick B'k, Brunswick.  
 Bangor Bank, }  
 Bangor Comm'cl B'k, }  
 Bath Bank, } Bangor.  
 City Bank, }  
 Exchange Bank, }  
 Lafayette Bank, }  
 Penobscot Bank, }  
 People's Bank, }  
 B'k of Portland, }  
 Exchange Bank, }  
 Georgia Lumber Com., }  
 Portland.  
 Maine Bank, }  
 Bank of Old Town, } Orono.  
 Stillwater Cal B'k, }  
 B'k of Westbrook, } Westb'k  
 Franklin Bank, }  
 Canton Bank, China.  
 Castine Bank, Castine.  
 Central Bank, Hallowell.  
 City B'k, Portland. [gusta.  
 Citizens' B'k (old plate), Au-  
 Citizens' Bank (new plate),  
 Augusta. [borough.  
 Damariscotta Bank, Noble-  
 Ellsworth B'k, Ellsworth.  
 Frankfort Bank, Frankfort.  
 Globe Bank, Bangor.  
 Hallowell and Augusta B'k,  
 Hallowell.

Hancock B'k, Ellsworth.  
 Kennebeck Bank, Hallowell.  
 Kennebank Bank, Kenne-  
 Machias Bank. [bank.  
 Megunticook B'k, Camden.  
 Negumkeag Bank.  
 Newport Bank, Newport.  
 Oxford B'k, Fryeburg. [port.  
 Passamaquoddy Bank, East-  
 Saco B'k, Saco.  
 Ship Builders' Bank, Rock-  
 land, *broke.*  
 St. Croix Bank, Calais.  
 Union Bank, Brunswick.  
 Vassalborough B'k, Vassal.  
 Waldo Bank, Belfast.  
 Washington Co. B'k, Calais.  
 Waterville B'k, Waterville.  
 Winthrop Bank, Winthrop.  
 Wiscasset Bank, Wiscasset.  
 B'k of Hallowell, Hallowell.  
 Maritime Bank, Bangor.  
 Monsum River Bank, } San-  
 Sanford Bank, } ford.  
 Westbrook B'k, Westbrook,  
*closed.*

## VERMONT.

Danby Bank, Danby.  
 Agricultural B'k, Troy. [ton.  
 B'k of Bennington, Benning-  
 B'k of Manchester, Manch'r.  
 Bank of Orange County.  
 B'k of Woodstock, Woodst'k.  
 Bank of Windsor, Windsor.  
 Commercial Bank of Ver-  
 mont, Poultney.  
 Essex Bank, Guildhall.  
 Green Mountain Bank.  
 Jefferson Banking Co.  
 Phoenix Bank.  
 Vt. State B'k, and branches.  
 South Royalton Bank, S. R.

## RHODE ISLAND.

Bristol Union B'k, Bristol.  
 Burrillville B'k, Burrillville.  
 Eagle Bank, Newport.  
 Farmers' Exchange Bank,  
 Gloucester.  
 Farmers' and Mechanics'  
 Bank, Pawtucket.  
 Farmers' Bank, Wickford.  
 Franklin Bank, Providence.  
 Hamilton Bank, Scituate.  
 Hamilton B'k, N'th Scituate  
 Mount Hope Bank, Bristol.  
 Pascoag Bank, Pascoag Vill.  
 Providence Co. B'k, S'thfield.  
 R. I. Agricul. B'k, Johnston.  
 Scituate Bank, Scituate.  
 Tiverton Bank, Tiverton.  
 Bank of Republic, Prov.  
 Bank of South Co., Wake-  
 field.  
 Mount Vernon Bank, Prov.  
 R. I. Central, E. Greenwich.  
 Hopkinton B'k, Westerly.  
 Warwick Bank.

1860.

JANUARY, first Month.

## Astronomical Calculations.

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	23	S.	2	7	22	25	13	21	32	19	20	24	25	19
2	22		57	8	22	17	14	21	22	20	20	11	26	18	47
3	22		52	9	22	9	15	21	11	21	19	58	27	18	32
4	22		46	10	22	0	16	21	0	22	19	44	28	18	16
5	22		39	11	21	51	17	20	48	23	19	31	29	18	0
6	22		32	12	21	42	18	20	36	24	19	16	30	17	44

☽ First Quarter, 1st day, 6h. 3m., morning.

☾ Full Moon, 8th day, 10h. 39m., morning.

☾ Last Quarter, 15th day, 2h. 14m., morning.

☉ New Moon, 22d day, 7h. 32m., evening.

☽ First Quarter, 31st day, 0h. 27m., morning.

Days of Month.	Days of Week.	☉		Length of Days. h. m.	Day's Incre. h. m.	☉ S.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. s. h. m.	☽ South. h. m.
		Rises. h. m.	Sets. h. m.					Morning h. m.	Evening h. m.			
1	SU.	7 30	4 38	9	0	4	8	4 38	5 1	h'd	0 6	6 10
2	Mo.	7 30	4 39	9	0	5	4	5 25	5 51	h'd	1 10	6 54
3	Tu.	7 30	4 40	10	0	6	5	6 18	6 47	n'k	2 16	7 43
4	W.	7 30	4 41	11	0	7	5	7 18	7 49	n'k	3 25	8 36
5	Th.	7 30	4 42	12	0	8	6	8 20	8 51	arm	4 36	9 34
6	Fr.	7 30	4 43	13	0	9	6	9 22	9 54	arm	5 44	10 37
7	Sa.	7 30	4 44	14	0	10	6	10 25	10 55	br.	6 47	11 41
8	SU.	7 29	4 45	16	0	12	7	11 23	11 49	br.	7 40	morn.
9	Mo.	7 29	4 46	17	0	13	7	—	0 14	h'rt	rises.	0 43
10	Tu.	7 29	4 47	18	0	14	8	0 39	1 4	h'rt	7 36	1 41
11	W.	7 29	4 48	19	0	15	8	1 28	1 51	bel.	8 54	2 36
12	Th.	7 28	4 49	21	0	17	8	2 14	2 37	bel.	10 9	3 27
13	Fr.	7 28	4 50	22	0	18	9	3 0	3 23	rei.	11 23	4 17
14	Sa.	7 28	4 51	23	0	19	9	3 47	4 12	rei.	morn.	5 5
15	SU.	7 27	4 52	25	0	21	10	4 38	5 6	sec.	0 35	5 54
16	Mo.	7 27	4 54	27	0	23	10	5 36	6 6	sec.	1 47	6 44
17	Tu.	7 26	4 55	29	0	25	10	6 37	7 9	sec.	2 59	7 36
18	W.	7 26	4 56	30	0	26	11	7 40	8 11	thi.	4 6	8 30
19	Th.	7 25	4 57	31	0	27	11	8 42	9 12	thi.	5 6	9 25
20	Fr.	7 25	4 58	33	0	29	11	9 40	10 6	kn.	5 59	10 18
21	Sa.	7 24	5 0	36	0	32	12	10 31	10 55	kn.	6 43	11 10
22	SU.	7 23	5 1	38	0	34	12	11 16	11 36	legs	sets.	11 58
23	Mo.	7 23	5 2	39	0	35	12	11 56	—	legs	5 52	ev. 44
24	Tu.	7 22	5 3	41	0	37	12	2 0	0 33	legs	6 54	1 27
25	W.	7 21	5 5	44	0	40	13	3 0	1 9	feet	7 54	2 7
26	Th.	7 21	5 6	45	0	41	13	4 1	1 44	feet	8 54	2 47
27	Fr.	7 20	5 7	47	0	43	13	5 2	1 18	feet	9 54	3 26
28	Sa.	7 19	5 8	49	0	45	13	6 2	2 36	h'd	10 57	4 6
29	SU.	7 18	5 10	52	0	48	13	7 3	3 33	h'd	morn.	4 48
30	Mo.	7 17	5 11	54	0	50	14	8 3	4 17	n'k	0 0	5 33
31	Tu.	7 16	5 13	57	0	53	14	9 4	4 42	n'k	1 7	6 23



JANUARY hath 31 days.

1860.



We know the fleeting years advance ;  
 We feel the winter's bitter cold ;  
 But how we may each good enhance,  
 And shun each ill, we would be told.

D.	M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	A.		1st S. af. Chr. Cir. <i>Change-</i>	<p>MANY new and happy years to you and yours, friends and readers; and to make the years happy, they must commence with good resolutions, and continue and end with the performance of them. This is the time to balance accounts, and for each one to look closely into his affairs, and, if he sees where errors of omission or commission have occurred, to avoid such errors in future.</p> <p>Of this month an eloquent author writes nearly thus: "Snow is on the ground; cold is in the air. Why is the ground hidden? Why is the earth white? So hath God completed the past; so hath he spread the earth like an unwritten page for a new year! Old sounds are silent in the forest and in the air. Insects are dead, birds are gone, leaves have perished. Upon the earth lies, white and tranquil, the emblem of newness and purity." The earth indeed may be frozen, but, by reading and reflection, the germs of mental progress may be planted at this season that will yield abundant harvests. Well-conducted newspapers and useful books will aid all to acquire knowledge that will be constantly beneficial.</p> <p>In this month plan the year's work as far as possible.</p>
2	Mo.	☉	in Perigee. <i>able,</i>	
3	Tu.		{ C. C. Lenox, Cam-bridge, and Plym. } Gr. Elong. W.	
4	W.		{ Mass. and Maine Legisla- } <i>with</i>	
5	Th.		{ 6th. Vermont State House at } Montpelier burnt, 1857.	
6	Fr.		Epiphany. ☾ runs high.	
7	Sa.	♀	gr. hel. lat. S. <i>rain</i>	
8	A.		1st S. af. Epiph. <i>or</i>	
9	Mo.	8th. ♂ ♃ ☾	High <i>snow.</i>	
10	Tu.	♄ ♃ ☉	tides.	
11	W.		{ Intensely cold in N. E. } Ther. 9 to 40° b. 0, 1859. ♂ ♃ ☾	
12	Th.		{ 14th. Peace betw. G. Br. } and U. S. ratified, 1784. <i>Very</i>	
13	Fr.		<i>cold.</i>	
14	Sa.		{ Downfall of the Haytien Empire. } Soulouque abdicates, 1834.	
15	A.		2d S. after Ep.	
16	Mo.		{ Ex-Gov. Slade, of Vt., } died, 1859. ♀ in ☉	
17	Tu.	♄ ♃ ☾	Low tides.	
18	W.		{ Very cold in N. Eng. Therm. at } Boston 13° below 0, 1857.	
19	Th.	☾	runs low. <i>Fine,</i>	
20	Fr.		{ 19th. Antarc. Continent disc. } by U. S. Expl'g Ex., 1840. <i>but</i>	
21	Sa.	♄ ♀ ☾	<i>cold.</i>	
22	A.		3d S. after Ep.	
23	Mo.		{ 22d. Henry Hallam, the his- } torian, died, aged 81, 1859. <i>High</i>	
24	Tu.		{ Very cold. Therm. at } Boston 24° bel. 0, 1857. <i>tides.</i>	
25	W.	♄ ♀ ☾	{ Conv. of } St. Paul. <i>Some</i>	
26	Th.		♀ in Aphelion. <i>snow</i>	
27	Fr.	♄ ♃ ☾	<i>or rain.</i>	
28	Sa.		{ Wm. H. Prescott, the historian, } died, aged 63, 1859.	
29	A.		4th S. after Ep.	
30	Mo.		{ 29th. Wm. C. Bond, the Astron. } Cam. Observ., died, aged 63, 1859.	
31	Tu.		{ Cold Tues. } 1815.	

1860.

FEBRUARY, second Month.

## Astronomical Calculations.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	17	S.10	7	15	23	13	13	27	19	11	22	25	9	11
2	16	53	8	15	4	14	13	6	20	11	1	26	8	49
3	16	36	9	14	45	15	12	46	21	10	39	27	8	26
4	16	18	10	14	26	16	12	25	22	10	17	28	8	4
5	16	0	11	14	6	17	12	4	23	9	55	29	7	41
6	15	42	12	13	47	18	11	43	24	9	33			

○ Full Moon, 6th day, 9h. 51m., evening.

☾ Last Quarter, 13th day, 2h. 7m., evening.

● New Moon, 21st day, 2h. 54m., evening.

☾ First Quarter, 29th day, 3h. 11m., evening.

Days of Month.	Days of the Week.	☺		Length of Days.		Day's Incre.		☺	☾	Full Sea, Boston.		☾'s Place.	☾		☾
		Rises.	Sets.	h.	m.	h.	m.			S.	A.		Morning	Evening	
1	W.	7 15	5 14	9 59	0 55	14 10	5 41	6 12	arm	2 16	7 17				
2	Th.	7 14	5 15	10 10	0 57	14 11	6 46	7 21	arm	3 23	8 16				
3	Fr.	7 13	5 16	10 30	0 59	14 12	7 57	8 32	arm	4 27	9 18				
4	Sa.	7 11	5 18	10 71	1 3	14 13	9 6	9 38	br.	5 24	10 21				
5	SU.	7 10	5 19	10 91	1 5	14 14	10 9	10 38	br.	6 12	11 21				
6	Mo.	7 9	5 20	10 111	1 7	14 15	11 5	11 30	h't	6 50	morn.				
7	Tu.	7 8	5 21	10 131	1 9	14 16	11 54	—	h't	rises.	0 19				
8	W.	7 7	5 23	10 161	1 12	14 17	0 17	0 40	bel.	7 46	1 14				
9	Th.	7 6	5 25	10 191	1 15	14 18	1 3	1 25	bel.	9 3	2 6				
10	Fr.	7 4	5 26	10 221	1 18	14 19	1 48	2 10	rei.	10 19	2 57				
11	Sa.	7 3	5 27	10 241	1 20	15 20	2 32	2 55	rei.	11 35	3 47				
12	SU.	7 2	5 28	10 261	1 22	15 21	3 19	3 45	sec.	morn.	4 39				
13	Mo.	7 0	5 29	10 291	1 25	14 22	4 12	4 41	sec.	0 47	5 32				
14	Tu.	6 59	5 31	10 321	1 28	14 23	5 12	5 44	thi.	1 57	6 26				
15	W.	6 58	5 32	10 341	1 30	14 24	6 17	6 50	thi.	3 0	7 20				
16	Th.	6 56	5 33	10 371	1 33	14 25	7 23	7 54	kn.	3 56	8 14				
17	Fr.	6 55	5 34	10 391	1 35	14 26	8 24	8 53	kn.	4 42	9 6				
18	Sa.	6 54	5 36	10 421	1 38	14 27	9 21	9 45	kn.	5 20	9 56				
19	SU.	6 52	5 37	10 451	1 41	14 28	10 10	10 32	legs	5 50	10 42				
20	Mo.	6 51	5 38	10 471	1 43	14 29	10 51	11 8	legs	6 14	11 25				
21	Tu.	6 49	5 39	10 501	1 46	14 30	11 25	11 43	feet	sets.	ev. 6				
22	W.	6 48	5 41	10 531	1 49	14 1	—	0 0	feet	6 47	0 46				
23	Th.	6 46	5 42	10 561	1 52	14 2	0 16	0 32	feet	7 48	1 25				
24	Fr.	6 45	5 43	10 581	1 54	14 3	0 49	1 6	h'd	8 49	2 5				
25	Sa.	6 43	5 44	11 1	1 57	13 4	1 24	1 42	h'd	9 51	2 46				
26	SU.	6 42	5 46	11 4	2 0	13 5	2 0	2 20	n'k	10 56	3 30				
27	Mo.	6 40	5 47	11 7	2 3	13 6	2 40	3 1	n'k	morn.	4 17				
28	Tu.	6 38	5 48	11 10	2 6	13 7	3 23	3 48	n'k	0 2	5 8				
29	W.	6 37	5 49	11 12	2 8	13 8	4 15	4 45	arm	1 9	6 4				

VENUS will be evening star until July 18th, and morning star the rest of the year.  
 JUPITER will be morning star until January 11th, then evening star until July 29th, and morning star again the rest of the year.

FEBRUARY hath 29 days.

1860.



Think not of winter as a dreary time,  
But duty cheerfully fulfil;  
And deem it virtuous and sublime  
To cultivate the noble will.

M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	W.	♁ ♃ ☾ Low	A Look well to your cattle many times daily; see that they are kept warm, and regularly fed, that they may have a good start in the spring; for, according to the old adage, "cattle well wintered are half summered." The woodpile, too, is an object of great interest at this season to all in the house.
2	Th.	{ Purification Virgin Mary. tides.	
3	Fr.	☾ runs high. <i>driving</i>	Last year I made some suggestions as to the preparation of a hot-bed in this month; and now I would say that a poultry-house is a good thing upon a farm, and this is a good time to build one, if you have not one on your premises. Let it be in a warm place, sheltered from cold winds, watertight above, roosts not too far from the ground nor directly over each other, nor too small, and always kept as free from insects as possible; put gravel or dry ashes on the floor, with some old mortar or oyster-shells pounded up. The house should be white-washed in spring and fall, and thus kept clean; boxes should be fixed for the hens to lay in, so that they may be undisturbed. As to the best kind of fowls, those with fancy names may cost more than the old-fashioned barn-door fowls, but the latter will be, probably, as profitable, and as satisfactory as any. The meat that is given to
4	Sa.	♁ ♃ ☾ <i>storm</i>	
5	A.	Septuagesima S. <i>is</i>	The dog, if cut fine and given to the hens, would improve their condition, for they need animal food of some kind to make them thrive.
6	Mo.	☾ ecl., visible. <i>near.</i>	
7	Tu.	♁ ♃ ☾ High	
8	W.	{ Wm. and Mary's College, Williamsburg, Va., burnt, 1853. tides. <i>Fine,</i>	
9	Th.	tides. <i>Fine,</i>	
10	Fr.	♃ stat. <i>but</i>	
11	Sa.	♁ ♃ ☉ <i>quite cold.</i>	
12	A.	Sexagesima S. <i>Snow</i>	
13	Mo.	{ 12th. Oregon admitted as 33d State to the Union, 1859. <i>or</i>	
14	Tu.	♁ ♃ ☾ Low <i>rain.</i>	
15	W.	♃ gr. hel. Lat. S.	
16	Th.	☾ runs low. tides.	
17	Fr.	<i>Much finer for</i>	
18	Sa.	19th. ♁ ♃ ☉ Sup. <i>a</i>	
19	A.	Quinquagesima S. <i>few</i>	
20	Mo.	22d. ☐ ♃ ☉ <i>days.</i>	
21	Tu.	Shrove Tu. ♁ ♃ ☾	
22	W.	Ash W. { WASHINGTON born, 1732. High	
23	Th.	♁ ♃ ☾ tides. <i>Now look</i>	
24	Fr.	St. Matthias. <i>out</i>	
25	Sa.	♁ ♃ ☾ <i>for a storm.</i>	
26	A.	1st S. in Lent. Quad. S.	
27	Mo.	<i>Very pleas-</i>	
28	Tu.	{ Great fire in Purchase Street, Boston, 1859.	
29	W.	♁ ♃ ☾ <i>ant.</i>	

the dog, if cut fine and given to the hens, would improve their condition, for they need animal food of some kind to make them thrive.

1860.

MARCH, third Month.

Astronomical Calculations.

Days.	d. m.		Days.	d. m.		Days.	d. m.		Days.	d. m.		Days.	d. m.		
	d.	m.		d.	m.		d.	m.		d.	m.		d.	m.	d.
1	7	18	7	4	59	13	2	38	19	0	8	16	25	2	6
2	6	55	8	4	36	14	2	15	20	0	N.	7	26	2	29
3	6	32	9	4	12	15	1	51	21	0	31	27	2	53	
4	6	9	10	3	49	16	1	27	22	0	55	28	3	16	
5	5	46	11	3	25	17	1	4	23	1	19	29	3	39	
6	5	23	12	3	2	18	0	40	24	1	42	30	4	3	

- Full Moon, 7th day, 8h. 0m., morning.
- ☾ Last Quarter, 14th day, 4h. 24m., morning.
- ☽ New Moon, 22d day, 9h. 11m., morning.
- ☽ First Quarter, 30th day, 2h. 9m., morning.

Days of Month.	Days of the Week.	☉		Length of Days.	Day's Inere.	☽	☽	Full Sea, Boston.		D's	D	D
		Rises.	Sets.					Morning	Evening			
		h. m.	h. m.	h. m.	h. m.	S.	A.	h. m.	h. m.		h. m.	h. m.
1	Th.	6 35	5 51	11 16	2 12	12	9	5 18	5 52	arm	2 13	7 2
2	Fr.	6 34	5 52	11 18	2 14	12	10	6 27	7 4	br.	3 11	8 2
3	Sa.	6 32	5 53	11 21	2 17	12	11	7 40	8 15	br.	4 2	9 2
4	SU.	6 30	5 54	11 24	2 20	12	12	8 49	9 20	h'rt	4 42	10 0
5	Mo.	6 28	5 55	11 27	2 23	12	13	9 49	10 17	h'rt	5 16	10 56
6	Tu.	6 27	5 57	11 30	2 26	11	14	10 43	11 7	bel.	5 45	11 49
7	W.	6 25	5 58	11 33	2 29	11	○	11 29	11 51	bel.	rises.	morn.
8	Th.	6 24	5 59	11 35	2 31	11	16	—	0 12	rei.	7 51	0 41
9	Fr.	6 22	6 0	11 38	2 34	11	17	0 34	0 57	rei.	9 10	1 33
10	Sa.	6 20	6 1	11 41	2 37	10	18	1 20	1 43	sec.	10 27	2 26
11	SU.	6 18	6 2	11 44	2 40	10	19	2 7	2 32	sec.	11 41	3 21
12	Mo.	6 17	6 4	11 47	2 43	10	20	2 57	3 23	thi.	morn.	4 16
13	Tu.	6 15	6 5	11 50	2 46	9	21	3 51	4 20	thi.	0 50	5 13
14	W.	6 13	6 11	11 53	2 49	9	22	4 51	5 23	thi.	1 49	6 8
15	Th.	6 12	6 7	11 55	2 51	9	23	5 55	6 27	kn.	2 39	7 2
16	Fr.	6 10	6 8	11 58	2 54	9	24	6 59	7 29	kn.	3 21	7 52
17	Sa.	6 8	6 9	12 1	2 57	8	25	7 57	8 23	legs	3 53	8 39
18	SU.	6 6	6 10	12 4	3 0	8	26	8 48	9 12	legs	4 19	9 24
19	Mo.	6 5	6 12	12 7	3 3	8	27	9 34	9 54	legs	4 41	10 5
20	Tu.	6 3	6 13	12 10	3 6	7	28	10 14	10 33	feet	5 2	10 46
21	W.	6 1	6 14	12 13	3 9	7	29	10 51	11 8	feet	5 21	11 25
22	Th.	5 59	6 15	12 16	3 12	7	☉	11 25	11 42	h'd	sets.	ev. 5
23	Fr.	5 58	6 16	12 18	3 14	7	1	11 59	—	h'd	7 42	0 46
24	Sa.	5 56	6 17	12 21	3 17	6	2	0 16	0 34	h'd	8 47	1 29
25	SU.	5 54	6 18	12 24	3 20	6	3	0 53	1 13	n'k	9 54	2 15
26	Mo.	5 52	6 19	12 27	3 23	6	4	1 33	1 54	n'k	11 0	3 5
27	Tu.	5 51	6 20	12 29	3 25	5	5	2 17	2 40	arm	morn.	3 58
28	W.	5 49	6 22	12 33	3 29	5	6	3 5	3 32	arm	0 5	4 55
29	Th.	5 47	6 23	12 36	3 32	5	7	4 1	4 32	br.	1 3	5 53
30	Fr.	5 45	6 24	12 39	3 35	4	8	5 5	5 39	br.	1 55	6 51
31	Sa.	5 44	6 25	12 41	3 37	4	9	6 14	6 49	h'rt	2 39	7 47

MARCH hath 31 days.

1860.



Know, as in very truth it is,  
That every season has its good,  
And every day its share of bliss :  
And life is better understood.

D. M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Th.	St. David. ☾ runs high.	If you want your name to be held in grateful remembrance, plant trees; if you want to improve the roadsides in your town, plant trees; if you want to add to the beauty of the surroundings of your dwelling, for your own and your friends' eyes, plant trees; if you would have your house and grounds more valuable, to keep or to sell, plant trees; if any of your land is not well adapted for cultivation or pasturage, cannot you plant trees? if you want property that, like money at interest, will be "growing while you are sleeping," plant trees. G. B. Emerson, in his Report on the Trees and Shrubs of Massachusetts, says: "A tree which furnishes a cool shade to the inhabitants of a house, is at the same time and on that account its best ornament. * * * In the summer season, a modest house shaded by an oak or an elm speaks more to the feelings and is more beautiful than the showiest house unprotected from the sun. * * * Trees should be planted not only by dwelling houses and along roads, they should be in every pasture, and by watering-places, and near every barn, — wherever cattle, horses, or sheep, are to be provided for."
2	Fr.	♂ ♀ ☾, ♀ in ☽. Low	
3	Sa.	{ 7th. Hon. A. V. Brown, P.M. Gen., d. a. 64, 1853.	
4	A.	2d S. in Lent. <i>Some</i>	
5	Mo.	♂ ♀ ☾, & in ☽ <i>snow</i>	
6	Tu.	{ C. C. Greenf. & Northampton. <i>or rain.</i>	
7	W.	{ Now to May tar apple-trees to prev't ascend of fem. bug of canker worm.	
8	Th.	High <i>Rough,</i>	
9	Fr.	tides. <i>uncom-</i>	
10	Sa.	♀ in per. ♀ sta.	
11	A.	3d S. in Lent. <i>fort-</i>	
12	Mo.	<i>able weather.</i>	
13	Tu.	State election in N.H.	
14	W.	♂ ♂ ☾ ☾ runs low.	
15	Th.	{ 14th. Mary Shaughnessy died at Canton, Mass., aged 112, 1859.	
16	Fr.	{ gr. elon. ☐ ♂ ☽ Low	
17	Sa.	St. Patrick. ♂ ♀ ☽ tides.	
18	A.	4th S. in Lent. <i>Cooler.</i>	
19	Mo.	20th. ♂ in ☽ ♀ gr. hel. lat. N.	
20	Tu.	☽ enters ♀. Spring b.	
21	W.	{ 20th. C. C. Plymouth. <i>Dashes of</i>	
22	Th.	{ City of Quito visited by earthquake, 1859. ♂ ♀ ☾	
23	Fr.	♀ sta. ♂ ♀ ☾ High	
24	Sa.	tides. <i>rain or snow.</i>	
25	A.	5th S. in Lent. Annunc.	
26	Mo.	♂ ♀ ☾ <i>Grows</i>	
27	Tu.	{ C. C. Taunton and Worcester. ♂ ♀ ☾	
28	W.	☾ runs high. <i>much</i>	
29	Th.	{ 27th. Col. Jaques, a disting. friend of agriculture, died, aged 82, 1859.	
30	Fr.	♂ ♀ ☾ Tides <i>frer.</i>	
31	Sa.	{ 28th. Fall of Aerolites in Kentucky, 1859. low.	

1860.

APRIL, fourth Month.

Astronomical Calculations.

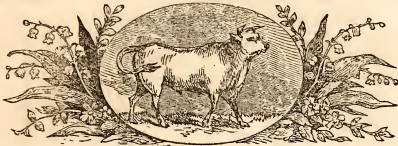
☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	4	N.	49	7	7	6	13	9	18	19	11	25	25	13
2	5		12	8	7	28	14	9	40	20	11	46	26	13	45
3	5		35	9	7	50	15	10	1	21	12	6	27	14	4
4	5		58	10	8	13	16	10	22	22	12	26	28	14	22
5	6		21	11	8	35	17	10	43	23	12	46	29	14	41
6	6		43	12	8	56	18	11	4	24	13	6	30	14	59

- Full Moon, 5th day, 5h. 16m., evening.
- ☾ Last Quarter, 12th day, 8 h. 50m., evening.
- ☽ New Moon, 21st day, 1h. 1m., morning.
- ☽ First Quarter 28th day, 9h. 52m., morning.

Days of Month. Days of the Week.	☉	Rises.		Sets.		Length of Days.		Day's Incr.		☉ S.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. h. m.	☽ S. h. m.	☽ Souths. h. m.			
		h.	m.	h.	m.	h.	m.	h.	m.			Morning	Evening							
1 SU.	5	42	6	26	12	44	3	40	4	10	7	22	7	54	h'rt	3	14	8	41	
2 Mo.	5	40	6	27	12	47	3	43	3	11	8	25	8	54	h'rt	3	43	9	34	
3 Tu.	5	39	6	28	12	49	3	45	3	12	9	22	9	49	bel.	4	10	10	26	
4 W.	5	37	6	30	12	53	3	49	3	13	10	14	10	38	bel.	4	35	11	17	
5 Th.	5	35	6	31	12	56	3	52	3	14	11	2	11	24	rei.	5	0	morn.		
6 Fr.	5	33	6	32	12	59	3	55	2	15	11	46	—	rei.	rises.	0	10			
7 Sa.	5	32	6	33	13	1	3	57	2	16	0	9	0	32	sec.	9	16	1	4	
8 SU.	5	30	6	34	13	4	0	2	17	17	0	56	1	21	sec.	10	29	2	1	
9 Mo.	5	28	6	35	13	7	4	3	1	18	1	46	2	12	thi.	11	35	2	59	
10 Tu.	5	27	6	36	13	9	4	5	1	19	2	38	3	4	thi.	morn.	3	57		
11 W.	5	25	6	37	13	12	4	8	1	20	3	31	3	59	kn.	0	31	4	53	
12 Th.	5	23	6	39	13	16	4	12	1	21	4	27	4	56	kn.	1	16	5	45	
13 Fr.	5	22	6	40	13	18	4	14	0	22	5	26	5	55	legs	1	52	6	35	
14 Sa.	5	20	6	41	13	21	4	17	0	23	6	23	6	50	legs	2	22	7	20	
15 SU.	5	19	6	42	13	23	4	19	F.	24	7	16	7	42	legs	2	46	8	3	
16 Mo.	5	17	6	43	13	26	4	22	0	25	8	6	8	29	feet	3	7	8	44	
17 Tu.	5	15	6	44	13	29	4	25	1	26	8	50	9	11	feet	3	26	9	23	
18 W.	5	14	6	45	13	31	4	27	1	27	9	32	9	52	h'd	3	45	10	3	
19 Th.	5	12	6	46	13	34	4	30	1	28	10	12	10	32	h'd	4	5	10	44	
20 Fr.	5	11	6	47	13	36	4	32	1	29	10	51	11	10	h'd	sets	11	27		
21 Sa.	5	9	6	48	13	39	4	35	1	30	11	29	11	48	n'k	7	44	ev.	1	2
22 SU.	5	8	6	50	13	42	4	38	2	1	—	0	8	n'k	8	52	1	12		
23 Mo.	5	6	6	51	13	45	4	41	2	2	0	30	0	52	arm	9	58	1	54	
24 Tu.	5	5	6	52	13	47	4	43	2	3	1	15	1	39	arm	10	58	2	50	
25 W.	5	3	6	53	13	50	4	46	2	4	2	4	2	30	arm	11	51	3	48	
26 Th.	5	2	6	54	13	52	4	48	2	5	2	56	3	23	br.	morn.	4	45		
27 Fr.	5	0	6	55	13	55	4	51	3	6	3	51	4	20	br.	0	37	5	41	
28 Sa.	4	59	6	56	13	57	4	53	3	7	4	51	5	23	h'rt	1	13	6	35	
29 SU.	4	58	6	57	13	59	4	55	3	8	5	55	6	26	h'rt	1	43	7	26	
30 Mo.	4	56	6	58	14	2	4	58	3	9	6	57	7	27	bel.	2	10	8	16	

APRIL hath 30 days.

1860.



Rise in the morn, prepared to do  
 Some act of good, however small ;  
 Let friend to friend prove ever true,  
 And foe to none, but friend to all.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	G.	6th S. in Lent. Palm S.	<p>“FARMING don't pay; it is poor business,” I have heard said. No business pays well, unless pursued with spirit and energy. But if farming don't pay, I will tell you what does pay; common sense pays, whether you get it from your own experience, the words of others, or reading; and industry, thoroughness, calculation, prudence, forethought, all of them pay, in any business, and in farming as directly as in any other. Somewhere between the producer and the consumer there is a profit in every legitimate business; and it wants this same common sense to find where the profit is, this industry to make it, and this prudence to keep it after it is made. If vegetables of different kinds can be planted in the spring, and in the autumn there can be gathered of “some fifty and of some an hundred fold,” it would seem that if enough were planted, and they were properly taken care of, it would “pay” to farm it, and to raise them, as these productions must be profitable; while apples, pears, strawberries, or cranberries, and the varied produce of the farm or garden, add to the profits. What pursuit is safer, more healthful and respectable, than good farming?</p>
2	Mo.	{ State election, Connecticut. $\delta \wp \odot$ Inf.	
3	Tu.	C. C. Lenox. $\delta \wp \odot$	
4	W.	State Elec. R.I. <i>Cool.</i>	
5	Th.	$\wp$ in per. $\square \wp \odot$	
6	Fr.	Good Friday. High	
7	Sa.	tides. <i>Snow or</i>	
8	G.	EASTER DAY. <i>rain.</i>	
9	Mo.	{ 10th. Hon. Thos. H. Ben- ton died, aged 76, 1858. <i>Very</i>	
10	Tu.	{ C. C. Barnstable, Ips- wich, & Springfield. $\odot$ r. low.	
11	W.	$\delta \wp \odot$ , $\delta \wp \wp$ <i>fine</i>	
12	Th.	<i>for a few days.</i>	
13	Fr.	$\wp$ in $\wp$ Low	
14	Sa.	15th. $\wp$ sta. tides.	
15	G.	1st S. af. Easter. Low S.	
16	Mo.	<i>Rain.</i>	
17	Tu.	{ Dr. Franklin died, aged 84, 1700. { C. C. Dedham.	
18	W.	$\delta \wp \odot$ <i>Finer.</i>	
19	Th.	$\delta \wp \odot$ <i>More</i>	
20	Fr.	{ Snow Storm in { New Eng., 1851. $\wp$ sta.	
21	Sa.	<i>showery</i>	
22	G.	2d S. af. E. High	
23	Mo.	$\wp$ in ap. $\delta \wp \odot$ St.G.	
24	Tu.	$\delta \wp \odot$ , $\odot$ runs high. ti.	
25	W.	St. Mark. <i>weather.</i>	
26	Th.	$\delta \wp \odot$ <i>Finer,</i>	
27	Fr.	$\wp$ gr. hel. lat. N. <i>with</i>	
28	Sa.	{ 27th. Bishop Doane, of N. J., died, aged 60, 1859. Low	
29	G.	3d S. af. E. $\delta \wp \odot$ tides.	
30	Mo.	$\wp$ gr. elon. W. <i>showers.</i>	

1860.

MAY, fifth Month.

## Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.		d.	m.		d.	m.		d.	m.		d.	m.	
1	15	N. 17		7	17	0	13	18	33	19	19	55	25	21	5
2	15	35		8	17	17	14	18	48	20	20	8	26	21	15
3	15	53		9	17	33	15	19	2	21	20	20	27	21	25
4	16	10		10	17	48	16	19	16	22	20	32	28	21	35
5	16	27		11	18	4	17	19	29	23	20	48	29	21	44
6	16	44		12	18	19	18	19	42	24	20	54	30	21	53

○ Full Moon, 5th day, 2h. 17m., morning.

☾ Last Quarter, 12th day, 2h. 32m., evening.

● New Moon, 20th day, 2h. 2m., evening.

☽ First Quarter 27th day, 3h. 20m., evening.

Days of Month.	Days of the Week.	☉		Length of Days.		Day's Incre.		☉	☽	Full Sea, Boston.		☽'s Place.	☽		☽
		Rises.	Sets.	h.	m.	h.	m.			F.	A.		Morning	Evening	
1	Tu.	4 55	6 59	14	45	0	3	10	7 57	8 26	bel.	2 36	9 6		
2	W.	4 53	7 14	8 5	4 3	11	8 53	9 20	rei.	3 0	9 57				
3	Th.	4 52	7 24	10 5	6 3	12	9 46	10 11	rei.	3 26	10 49				
4	Fr.	4 51	7 34	12 5	8 3	13	10 36	11 1	sec.	3 54	11 44				
5	Sa.	4 49	7 44	15 5	11 4	○	11 25	11 49	sec.	rises.	morn.				
6	SU.	4 48	7 54	17 5	13 4	15	—	0 13	thi.	9 15	0 42				
7	Mo.	4 47	8 04	19 5	15 4	16	0 38	1 4	thi.	10 17	1 41				
8	Tu.	4 46	8 14	21 5	17 4	17	1 29	1 54	kn.	11 7	2 39				
9	W.	4 45	8 24	23 5	19 4	18	2 19	2 44	kn.	11 49	3 34				
10	Th.	4 43	8 34	26 5	22 4	19	3 8	3 32	kn.	morn.	4 26				
11	Fr.	4 42	8 44	28 5	24 4	20	3 56	4 21	legs	0 21	5 14				
12	Sa.	4 41	8 54	31 5	27 4	21	4 46	5 11	legs	0 47	5 58				
13	SU.	4 40	9 04	33 5	29 4	22	5 36	6 1	feet	1 10	6 40				
14	Mo.	4 39	9 14	35 5	31 4	23	6 26	6 50	feet	1 30	7 20				
15	Tu.	4 38	9 24	37 5	33 4	24	7 14	7 38	feet	1 49	8 0				
16	W.	4 37	9 34	39 5	35 4	25	8 1	8 24	h'd	2 8	8 40				
17	Th.	4 36	9 44	41 5	37 4	26	8 47	9 10	h'd	2 30	9 22				
18	Fr.	4 35	9 54	43 5	39 4	27	9 32	9 55	n'k	2 53	10 6				
19	Sa.	4 34	10 04	45 5	41 4	28	10 18	10 42	n'k	3 21	10 55				
20	SU.	4 33	10 14	47 5	43 4	●	11 5	11 28	n'k	sets.	11 47				
21	Mo.	4 32	10 24	49 5	45 4	1	11 51	—	arm	8 50	ev. 43				
22	Tu.	4 32	10 34	50 5	46 4	2	0 14	0 39	arm	9 47	1 41				
23	W.	4 31	10 44	52 5	48 3	3	1 4	1 29	br.	10 35	2 40				
24	Th.	4 30	10 54	54 5	50 3	4	1 55	2 20	br.	11 15	3 37				
25	Fr.	4 29	11 04	55 5	51 3	5	2 46	3 11	h'rt	11 46	4 31				
26	Sa.	4 28	11 14	57 5	53 3	6	3 37	4 4	h'rt	morn.	5 23				
27	SU.	4 28	11 24	58 5	54 3	7	4 31	4 59	bel.	0 15	6 13				
28	Mo.	4 28	11 34	59 5	55 3	8	5 28	5 57	bel.	0 39	7 1				
29	Tu.	4 27	11 44	59 1	57 3	9	6 26	6 56	rei.	1 3	7 50				
30	W.	4 26	11 54	59 3	59 3	10	7 26	7 55	rei.	1 27	8 40				
31	Th.	4 26	12 04	59 3	59 3	11	8 24	8 53	sec.	1 54	9 33				



MAY hath 31 days.

1860.



He who, by honest, hardy toil,  
Reclaims waste lands, or plants a tree,  
Makes useful what was useless soil,  
Is honored, and should ever be.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Tu.	{ R. I. Leg. meets at Providence. St. Ph. St. J.	EARLY this month the <i>Garden</i> must have attention. "There should be something of the agreeable and ornamental even in the kitchen-garden, which should be laid out with the triple object of convenience, profit, and beauty. * * * The moral influence exerted over the minds and characters of the young by a well-arranged and carefully-conducted garden is certainly a consideration of no unimportant moment." Cultivate carefully, and to their utmost capacity of production, only a few square rods as a garden, and you will be surprised at the pleasure and profit yielded. Even a comparatively small portion of time spent in the garden would enable you to have a dish of vegetables, healthful and pleasant to the taste, upon the table at any time. At this season of the year the appetite craves vegetable food. We long, too, for the delicious strawberry and the refreshing currant, and, if we would have them at the proper time, we must begin in season to take care of the garden. If you have to purchase seed, get of responsible seedsmen that which can be recommended, of old or new varieties; enrich your land, look sharp after injurious insects, and use the hoe constantly, and you will be rewarded.
2	W.	Conn. Legis. meets.	
3	Th.	<i>Fine, with</i>	
4	Fr.	Linnaeus b., 1707. <i>show-</i>	
5	Sa.	{ Bonpland, the Naturalist, d. 1858.	
6	G.	{ Leslie the painter d., a. 65, 1859.	
7	Mo.	4th S. af. E. High <i>ers.</i>	
8	Tu.	{ runs low. tides.	
9	W.	{ 6th. Humboldt, the Natur- alist, died, aged 89, 1859. <i>Very</i>	
10	Th.	♀ gr. elon. E. ☐ ♀ ☉	
11	Fr.	♂ ♂ ☾ <i>pleasant.</i>	
12	Sa.	<i>Look out for late</i>	
13	G.	{ 13th. Prof. D. Olmsted died, aged 68, 1859. Low	
14	Mo.	5th S. af. E. Rogation S.	
15	Tu.	13th. ♀ gr. hel. lat. S.	
16	W.	♂ ♀ ☾ tides. <i>frosts.</i>	
17	Th.	{ 14th. Joseph Sturge, philanthropist, died in Eng., aged 65, 1859.	
18	Fr.	Ascension Day. <i>Cool,</i>	
19	Sa.	<i>with high winds.</i>	
20	G.	Dark Day, 1780. ♂ ♀ ☾	
21	Mo.	1st S. af. Ascen. <i>Finer.</i>	
22	Tu.	{ Battle at Montebello betw'n High Allies and Austrians, 1859.	
23	W.	♂ runs high. tides.	
24	Th.	C.C. Edgartown. <i>Rain</i>	
25	Fr.	♂ ♀ ☾, ♂ ♀ ☾ <i>per-</i>	
26	Sa.	{ 21st. Steamer Vanderbilt ar. at N. Y. from Southamp. in 9d. 9h. 26m., 1859.	
27	G.	{ Terrible eruption of Mt. Vesuvius, 1858. ♂ ♀ ☾	
28	Mo.	Whit S. <i>haps.</i>	
29	Tu.	♂ ♀ ☉ Low <i>Cloudy</i>	
30	W.	tides. <i>and dull</i>	
31	Th.	<i>for some days.</i>	
		{ Battle of Palestro between Allies and Austrians, 1859. ♂ ♀ ♀	

1860.

JUNE, sixth Month.

Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.	9	d.	m.	9	d.	m.	9	d.	m.	9	d.	m.	9
1	22	N.	7	22	50	13	23	16	19	23	27	25	23	23	
2	22	17	8	22	55	14	23	19	20	23	27	26	23	21	
3	22	24	9	23	0	15	23	21	21	23	27	27	23	19	
4	22	31	10	23	5	16	23	23	22	23	27	28	23	16	
5	22	38	11	23	9	17	23	25	23	23	26	29	23	13	
6	22	44	12	23	12	18	23	26	24	23	25	30	23	9	

- Full Moon, 3d day, 0h. 2m., evening.
- ☾ Last Quarter, 11th day, 8h. 20m., morning.
- ☽ New Moon, 19th day, 0h. 39m., morning.
- ☽ First Quarter, 25th day, 7h. 52m., evening.

Days of Month.	Days of the Week.	☽		Length of Days.		Day's Incre.		☽		Full Sea, Boston.		☽'s Place		☽		☽	
		Rises.	Sets.	h.	m.	h.	m.	F.	A.	Morning	Evening	R.	S.	R.	S.	Souths.	Souths.
1	Fr.	4 25	7 30	15	5 6	1	2	12	9 21	9 49	sec.	2 26	10 29				
2	Sa.	4 25	7 31	15	6 6	2	2	13	10 17	10 43	thi.	3 4	11 26				
3	SU.	4 25	7 32	15	7 6	3	2	○	11 9	11 34	thi.	rises.	morn.				
4	Mo.	4 24	7 32	15	8 6	4	2	15	11 59	—	thi.	8 58	0 25				
5	Tu.	4 24	7 33	15	9 6	5	2	16	0 23	0 47	kn.	9 43	1 22				
6	W.	4 23	7 34	15	11 6	7	2	17	1 11	1 34	kn.	10 19	2 16				
7	Th.	4 23	7 34	15	11 6	7	2	18	1 56	2 18	legs	10 48	3 6				
8	Fr.	4 23	7 35	15	12 6	8	1	19	2 39	3 0	legs	11 12	3 52				
9	Sa.	4 23	7 35	15	12 6	8	1	20	3 20	3 41	feet	11 32	4 35				
10	SU.	4 22	7 36	15	14 6	10	1	21	4 2	4 24	feet	11 51	5 16				
11	Mo.	4 22	7 36	15	14 6	10	1	22	4 45	5 7	feet	morn.	5 55				
12	Tu.	4 22	7 37	15	15 6	11	0	23	5 31	5 55	h'd	0 11	6 35				
13	W.	4 22	7 37	15	15 6	11	0	24	6 20	6 45	h'd	0 30	7 16				
14	Th.	4 22	7 38	15	16 6	12	S.	25	7 11	7 37	h'd	0 52	7 59				
15	Fr.	4 22	7 38	15	16 6	12	0	26	8 4	8 31	n'k	1 18	8 46				
16	Sa.	4 22	7 38	15	16 6	12	0	27	8 58	9 25	n'k	1 51	9 36				
17	SU.	4 22	7 39	15	17 6	13	1	28	9 52	10 19	arm	2 31	10 31				
18	Mo.	4 23	7 39	15	17 6	13	1	29	10 46	11 12	arm	sets.	11 29				
19	Tu.	4 23	7 40	15	17 6	13	1	●	11 37	—	br.	8 29	ev. 29				
20	W.	4 23	7 40	15	17 6	13	1	1	0 2	0 27	br.	9 13	1 28				
21	Th.	4 23	7 40	15	17 6	13	2	2	0 52	1 17	h'rt	9 48	2 25				
22	Fr.	4 23	7 40	15	17 6	13	2	3	1 41	2 6	h'rt	10 18	3 19				
23	Sa.	4 24	7 40	15	16 DEC.	2	4	2	30	3 54	bel.	10 43	4 10				
24	SU.	4 24	7 40	15	16 0	1	2	5	3 17	3 40	bel.	11 7	4 59				
25	Mo.	4 24	7 40	15	16 0	1	2	6	4 5	4 31	rei.	11 32	5 48				
26	Tu.	4 25	7 40	15	15 0	2	3	7	4 59	5 27	rei.	11 58	6 37				
27	W.	4 25	7 40	15	15 0	2	3	8	5 57	6 28	rei.	morn.	7 28				
28	Th.	4 25	7 40	15	15 0	2	3	9	7 0	7 32	sec.	0 27	8 21				
29	Fr.	4 26	7 40	15	14 0	3	3	10	8 3	8 34	sec.	1 3	9 17				
30	Sa.	4 26	7 40	15	14 0	3	3	11	9 5	9 35	thi.	1 45	10 14				



A stainless reputation, won  
 By daily duties Heaven requires,  
 Shines brighter than the summer's sun,  
 And heightens all our good desires.

M.	D.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Fr.	♃ in ♄	<i>Much finer.</i>	By this time your various crops will promise well, if the enriching deposits of your barn-yard, and the fertilizing mixtures, have been liberally applied to the land. The warm sun and the gentle, life-giving rain have caused the tender plants to put forth, and it is now that the care and supervision of the intelligent cultivator of the earth are called for. The Hon. Josiah Quincy, in an address delivered before the Massachusetts Agricultural Society, many years since, said, "Most is done for agriculture when every farmer is excited to small attentions and incidental improvements, such as proceed, for instance, from the constant application of a few plain and common principles; such are, that in farming nothing should be lost, nothing neglected; that everything should be done in its proper time, everything put in its proper place, everything executed by its proper instruments. These attentions, when viewed in their individual effect, seem small, but they are immense in the aggregate. Let us cast our eyes, then, from the door of the farmhouse. What do we see? Are the fences on the road in good condition? * * * Is nothing useful lost, and does nothing useless offend?"
2	Sa.	{ 4th & 5th. Heavy frosts in Northern States, 1859. ♄ ♃ ♀		
3	G.	Trinity S.	High	
4	Mo.	{ Bat. Magenta, bet'n Allies & Aust's, 1859. ♄ r. low.		
5	Tu.	C. C. Concord.	tides.	
6	W.	{ N. H. Leg. in meets. ♃ per. ♄ ♃ ☉ Sup.		
7	Th.	Corpus Christi.	♄ ♃ ☉	
8	Fr.	{ Gr. fire in Salem, Mass., 1859. Warm,		
9	Sa.		<i>close weather, with</i>	
10	G.	1st S. af. Trin.	<i>showers.</i>	
11	Mo.	St. Barnabas.	♀ at greatest brilliancy.	
12	Tu.	{ C. C. Greenf. & Northampton. ♄ ☿ ☉	Low	
13	W.	{ 11th. Prince Metternich. Austria, died, aged 86, 1859.	of tides.	
14	Th.		<i>Finer again.</i>	
15	Fr.	{ Severe thun. storm in and about Boston, 1854.	<i>Show-</i>	
16	Sa.	♃ gr. hel. lat. N.	<i>ery</i>	
17	G.	2d S. af. Trin.	♄ ♃ ☉	
18	Mo.	♃ sta.	☉ runs high.	
19	Tu.	{ C. C. Worcester.	<i>weather.</i>	
20	W.	♄ ♃ ☉, ☐ ☿ ☉	High	
21	Th.	☉ enters ♄.	Summer b.	
22	Fr.	♀ in ♄, ♄ ♃ ☉	tides.	
23	Sa.	21st. ♄ ♃ ☉, ♄ ♃ ☉		
24	G.	3d S. af. Trin.	Midsum. d.	
25	Mo.	{ 24th. Great battle of Solferino, between Allies and Austrians, 1859.		
26	Tu.	{ C. C. Springfield and Dedham.	♀ sta. Low	
27	W.	tides.	<i>More</i>	
28	Th.	{ Victoria crowned, 1858.	♄ ♃ ♃	
29	Fr.	St. Peter.		
30	Sa.		<i>showers.</i>	

1860.

JULY, seventh Month:

Astronomical Calculations.

Days.	d. m.		Days.		d. m.		Days.		d. m.		Days.		d. m.	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
1	23	N. 5	7	22	32	13	21	45	19	20	45	25	19	32
2	23	1	8	22	25	14	21	36	20	20	34	26	19	19
3	22	56	9	22	18	15	21	27	21	20	22	27	19	5
4	22	50	10	22	10	16	21	17	22	20	10	28	18	51
5	22	45	11	22	2	17	21	6	23	19	58	29	18	37
6	22	39	12	21	54	18	20	56	24	19	45	30	18	22

- Full Moon, 2d day, 11h. 23m., evening.
- ☾ Last Quarter, 11th day, 1h. 14m., morning.
- New Moon, 18th day, 9h. 36m., morning.
- ☽ First Quarter, 25th day, 0h. 56m., morning.

Days of Month.	Days of the Week.	☀		Length of Days.		Day's Decre.		☾ S.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. S.		☽ Souths. h. m.			
		Rises. h. m.	Sets. h. m.	h.	m.	h.	m.			Morning h. m.	Evening h. m.		h.	m.				
1	SU.	4 27	7 40	15	13	0	4	4	12	10	3	10 30	thi.	2	37	11 11		
2	Mo.	4 27	7 40	15	13	0	4	4	○	10 55	11 19	kn.	3	35	morn.			
3	Tu.	4 28	7 40	15	12	0	5	4	14	11 42	—	kn.	rises.	0	6			
4	W.	4 28	7 40	15	12	0	5	4	15	0	4	0 26	legs	8	48	0 58		
5	Th.	4 29	7 39	15	10	0	7	4	16	0	47	1	7	legs	9	14	1 45	
6	Fr.	4 29	7 39	15	10	0	7	4	17	1	27	1	46	legs	9	37	2 30	
7	Sa.	4 30	7 39	15	9	0	8	5	18	2	5	2	24	feet	9	56	3 12	
8	SU.	4 31	7 38	15	7	0	10	5	19	2	42	3	0	feet	10	15	3 52	
9	Mo.	4 32	7 38	15	6	0	11	5	20	3	18	3	37	h'd	10	34	4 31	
10	Tu.	4 32	7 37	15	5	0	12	5	21	3	57	4	18	h'd	10	56	5 11	
11	W.	4 33	7 37	15	4	0	13	5	22	4	41	5	5	h'd	11	19	5 53	
12	Th.	4 34	7 36	15	2	0	15	5	23	5	30	5	57	n'k	11	47	6 37	
13	Fr.	4 35	7 36	15	1	0	16	5	24	6	26	6	56	n'k	morn.	7	25	
14	Sa.	4 35	7 35	15	0	0	17	6	25	7	27	7	58	arm	0	23	8 17	
15	SU.	4 36	7 34	14	58	0	19	6	26	8	30	9	1	arm	1	9	9 14	
16	Mo.	4 37	7 34	14	57	0	20	6	27	9	32	10	2	br.	2	5	10 13	
17	Tu.	4 38	7 33	14	55	0	22	6	28	10	31	10	58	br.	3	13	11 13	
18	W.	4 39	7 32	14	53	0	24	6	●	11 24	11 48	br.	sets.	ev.	12			
19	Th.	4 40	7 32	14	52	0	25	6	1	—	0	12	h'rt	8	18	1	9	
20	Fr.	4 41	7 31	14	50	0	27	6	2	0	36	1	0	h'rt	8	45	2	3
21	Sa.	4 42	7 30	14	48	0	29	6	3	1	23	1	46	bel.	9	12	2	54
22	SU.	4 43	7 29	14	46	0	31	6	4	2	8	2	30	bel.	9	36	3	44
23	Mo.	4 44	7 28	14	44	0	33	6	5	2	53	3	16	rei.	10	1	4	34
24	Tu.	4 44	7 28	14	44	0	33	6	6	3	40	4	6	rei.	10	29	5	25
25	W.	4 45	7 27	14	42	0	35	6	7	4	33	5	3	sec.	11	3	6	18
26	Th.	4 46	7 26	14	40	0	37	6	8	5	35	6	7	sec.	11	43	7	12
27	Fr.	4 47	7 25	14	38	0	39	6	9	6	40	7	14	thi.	morn.	8	9	
28	Sa.	4 48	7 23	14	35	0	42	6	10	7	49	8	22	thi.	0	32	9	5
29	SU.	4 49	7 22	14	33	0	44	6	11	8	52	9	21	kn.	1	28	10	0
30	Mo.	4 50	7 21	14	31	0	46	6	12	9	49	10	15	kn.	2	29	10	52
31	Tu.	4 51	7 20	14	29	0	48	6	13	10	39	11	2	kn.	3	33	11	41

JULY hath 31 days.

1860.



Labor is dignity and wealth  
 To those who wield its giant power ;  
 Honor and ever-blooming health  
 Attend it both in field and bower.

M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	G.	4th S. af. Trin. ☾ r. low.	THE New England Farmer says:
2	Mo.	☽ sta. <i>Changeable for</i>	"July is the haymaker's month.
3	Tu.	{ C. C. 1st. ♂ ♀ ♀, ☉ in ap.	Now we must bestir ourselves.
4	W.	{ Independence ♂ ♂ ☾ High	The timothy, the redtop, and the
5	Th.	dec., 1776. tides. <i>some days.</i>	sweet clover are all ready for the
6	Fr.	{ Judge Marshall died, 1837. <i>Hot.</i>	scythe. If you would have the
7	Sa.	♂ ♀ ☽ <i>Some rain.</i>	hay-mow retain the true flavor of
8	G.	5th S. after Trinity.	the hay-field, you must cut the
9	Mo.	♂ ☽ ☾ <i>Very fine</i>	grass while it is in blossom and
10	Tu.	C. C. Salem. ♂ in ☽	before it has lost its sweet aroma.
11	W.	{ Treaty of Peace, between Allies and	* * * * *
12	Th.	{ Austrians, announced as signed, '59. <i>Low some days.</i>	"We said July is the haymak-
13	Fr.	{ Hon. Rufus Choate died, aged 59, 1859. tides.	er's month ; but it is not wholly
14	Sa.	♂ ☽ ☾	thus. The reapers must have
15	G.	6th S. af. Trin. <i>Rain</i>	their share of it. The grain as
16	Mo.	☾ runs high. <i>may</i>	well as the grass must be cut in
17	Tu.	18th. ☉ ecl., vis. ♂ ♂ ☉	season. Do not let it stand till
18	W.	♂ ♀ ☾, ♂ ♀ ☉ inf. ♂ ☽ ☾	the kernel will shell out in hand-
19	Th.	High <i>be expected.</i>	ling the sheaves. When grain is
20	Fr.	♂ ♀ ☾, ♀ in ap. ♂ ♀ ☾	ripe it is liable to be injured by
21	Sa.	tides. <i>More rain</i>	rains and wind. There is risk in
22	G.	7th S. after Trinity.	letting it remain longer than is
23	Mo.	{ 22d. Heavy storm of thunder	absolutely necessary, and, when
24	Tu.	{ and lightning in Mass., 1853. <i>and wind.</i>	properly dried, the sooner it is
25	W.	{ Dog Days begin. St. James.	housed the better.
26	Th.	☽ sta. <i>Low Good</i>	"The cornfields and the garden
27	Fr.	♀ in aph. tides. <i>weather</i>	must not be neglected in July.
28	Sa.	☾ runs low. <i>again.</i>	Weeds will grow in July as well
29	G.	8th S. af. Trin. ♂ ☽ ☉	as in June. The corn must have
30	Mo.	<i>Storm at hand.</i>	its last hoeing this month. See
31	Tu.	♂ ♂ ☾	that it is well done. Leave no
			weeds to bear a crop of seed for
			next year. Your root crops want
			frequent visits from the wheel-
			hoe, to keep the ground light and
			mellow."
			Sowing winter turnips should
			not be delayed beyond Aug. 10th.

1860.

AUGUST, eighth Month.

**Astronomical Calculations.**

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	17	N.52	7	16	15	13	14	29	19	12	34	25	10	33
2	17	37	8	15	58	14	14	11	20	12	15	26	10	12	
3	17	21	9	15	41	15	13	52	21	11	55	27	9	51	
4	17	5	10	15	23	16	13	33	22	11	34	28	9	29	
5	16	49	11	15	6	17	13	14	23	11	14	29	9	8	
6	16	32	12	14	47	18	12	54	24	10	53	30	8	46	

- Full Moon, 1st day, 0h. 49m., evening.
- ☾ Last Quarter, 9th day, 4h. 39m., evening.
- ☽ New Moon, 16th day, 5h. 36m., evening.
- ☽ First Quarter, 23d day, 8h. 6m., morning.
- Full Moon, 31st day, 4h. 13m., morning.

Days of Month.	Days of the Week.	☽		Length of Days.		Day's Decre.		☽ S.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. S.		☽ Souths.	
		Rises. h. m.	Sets. h. m.	h. m.	h. m.	h. m.	h. m.			Morning h. m.	Evening h. m.		h. m.	h. m.	h. m.	h. m.
1	W.	4 52	7 19	14 27	0 50	6	6	○	11 23	11 42	legs	rises.	morn.			
2	Th.	4 53	7 18	14 25	0 52	6	15	—	—	0 0	legs	7 41	0 26			
3	Fr.	4 54	7 17	14 23	0 54	6	16	○	0 18	0 36	feet	8 2	1 9			
4	Sa.	4 55	7 15	14 20	0 57	6	17	○	0 53	1 10	feet	8 21	1 49			
5	SU.	4 57	7 14	14 17	1 0	6	18	○	1 27	1 45	feet	8 40	2 29			
6	Mo.	4 58	7 13	14 15	1 2	6	19	○	2 2	2 20	h'd	9 0	3 8			
7	Tu.	4 59	7 12	14 13	1 4	5	20	○	2 38	2 57	h'd	9 22	3 49			
8	W.	5 0	7 10	14 10	1 7	5	21	○	3 17	3 38	n'k	9 48	4 32			
9	Th.	5 1	7 9	14 8	1 9	5	22	○	4 0	4 25	n'k	10 20	5 17			
10	Fr.	5 2	7 8	14 6	1 11	5	23	○	4 52	5 20	n'k	10 59	6 6			
11	Sa.	5 3	7 6	14 3	1 14	5	24	○	5 51	6 24	arm	11 50	7 0			
12	SU.	5 4	7 5	14 1	1 16	5	25	○	6 58	7 33	arm	morn.	7 56			
13	Mo.	5 5	7 3	13 58	1 19	5	26	○	8 8	8 41	br.	0 52	8 55			
14	Tu.	5 6	7 2	13 56	1 21	4	27	○	9 13	9 44	br.	2 2	9 55			
15	W.	5 7	7 0	13 53	1 24	4	28	○	10 13	10 40	h'rt	3 20	10 53			
16	Th.	5 8	6 59	13 51	1 26	4	29	○	11 5	11 29	h'rt	4 40	11 49			
17	Fr.	5 9	6 57	13 48	1 29	4	30	○	11 51	—	bel.	sets.	ev. 42			
18	Sa.	5 10	6 56	13 46	1 31	4	31	○	2 0	13 0 35	bel.	7 38	1 34			
19	SU.	5 11	6 54	13 43	1 34	3	32	○	3 0	58 1 20	rei.	8 4	2 26			
20	Mo.	5 13	6 53	13 40	1 37	3	33	○	4 1	42 2 5	rei.	8 32	3 18			
21	Tu.	5 14	6 51	13 37	1 40	3	34	○	5 2	29 2 54	sec.	9 4	4 12			
22	W.	5 15	6 50	13 35	1 42	3	35	○	6 3	19 3 46	sec.	9 41	5 7			
23	Th.	5 16	6 48	13 32	1 45	2	36	○	7 4	14 4 45	thi.	10 28	6 4			
24	Fr.	5 17	6 47	13 30	1 47	2	37	○	8 5	18 5 52	thi.	11 22	7 1			
25	Sa.	5 18	6 45	13 27	1 50	2	38	○	9 6	26 7 0	kn.	morn.	7 56			
26	SU.	5 19	6 43	13 24	1 53	2	39	○	10 7	33 8 4	kn.	0 22	8 48			
27	Mo.	5 20	6 42	13 22	1 55	1	40	○	11 8	34 9 1	kn.	1 26	9 38			
28	Tu.	5 21	6 40	13 19	1 58	1	41	○	12 9	26 9 50	legs	2 32	10 24			
29	W.	5 22	6 39	13 17	2 0	1	42	○	13 10	12 10 33	legs	3 40	11 7			
30	Th.	5 23	6 37	13 14	2 3	0	43	○	14 10	53 11 11	feet	4 53	11 48			
31	Fr.	5 24	6 35	13 11	2 6	0	44	○	11 28	11 45	feet	rises.	morn.			

AUGUST hath 31 days.

1860.



Look o'er the wide extended plain,  
And labor's footprints you may see,  
Where wave the fields of nodding grain,  
The growing crops, and fruitful tree.

D. M.	D. W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	W.	<i>Much</i>	THIS month has generally been esteemed the dryest in an average of years of any of the summer or fall months, and has been therefore thought best by some for well-digging, ditching, and draining. On page 46 will be found the mean quantity of rain falling per month for many years, showing that August is not really the dryest month; though, as farming work may not crowd hard now, it may be the most convenient to attend to draining. The advantage of draining land is well set forth by Hon. M. P. Wilder, in one of his excellent addresses before a pomological society. He says: "The importance of thorough draining and perfect cultivation of the soil," for fruit culture, "have not received the consideration they deserve. * * * Thorough draining lies at the foundation of all successful cultivation, and in cold, wet, undrained grounds, the disease of trees commences at the root. * * * Wherever there is an excess of water, and consequently too low a temperature, and the soil is not properly drained and thoroughly worked, the vital energies of the plant are soon impaired. * * * How many of the diseases of fruit-trees are attributable to this cause, it is not easy to determine."
2	Th.	{ Arkwright died, 1792. <i>High rain.</i>	
3	Fr.	{ Eugene Sue died at Paris, aged 49, 1857. <i>tides.</i>	
4	Sa.	5th. ♂ ♀ ☽ <i>Warm.</i>	
5	G.	9th S. after Trinity.	
6	Mo.	Ben. Johnson d., 1637.	
7	Tu.	{ C. C. Plymouth. <i>Cooler, with</i>	
8	W.	{ Geo. Canning died, aged 56, 1827. <i>high</i>	
9	Th.	♀ sta. ♂ gr. hel. lat. S.	
10	Fr.	♂ ♀ ☉ inf. <i>Low winds.</i>	
11	Sa.	♂ ♀ ☾ tides. <i>Very fine,</i>	
12	G.	10th S. af. Trin. ☾ r. high.	
13	Mo.	{ Great tornado at Read Ing, Mass., 1857. <i>with</i>	
14	Tu.	♂ ♀ ☾ <i>great heat.</i>	
15	W.	♂ ♀ ☾, ♂ ♀ ☾.	
16	Th.	{ Battle of Brimington, 1777. <i>Cooler.</i>	
17	Fr.	♂ ♀ ☾ <i>High tides.</i>	
18	Sa.	♀ gr. hel. lat. S. ♂ sta.	
19	G.	11th S. af. Trin. ♀ sta.	
20	Mo.	{ Charter Oak, Hartford, blown down, 1856. <i>Rain</i>	
21	Tu.	{ 29th. Frost in low grounds near Boston, 1855. <i>is</i>	
22	W.	♂ ♀ ☉ <i>not far off.</i>	
23	Th.	♀ at gr. bril. ♂ gr. hel. lat. S.	
24	Fr.	St. Barth. <i>Low Very</i>	
25	Sa.	☾ runs low. <i>tides.</i>	
26	G.	12th S. af. Trin. <i>fine.</i>	
27	Mo.	♂ ♀ ☾, ♀ gr. elong. W.	
28	Tu.	{ C. C. Lawrence. ♀ in ☽ <i>Change-</i>	
29	W.	From before early frost to Dec. 1, far apple-trees to protect from ascent of female bugs of canker worms.	
30	Th.	<i>able</i>	
31	Fr.	<i>and dull.</i>	

1860. SEPTEMBER, ninth Month.

**Astronomical Calculations.**

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	8	N.	3	7	5	50	13	3	33	19	1	13	25	1
2	7		41	8	5	27	14	3	10	20	0	50	26	1	30
3	7		19	9	5	4	15	2	46	21	0	27	27	1	54
4	3		57	10	4	41	16	2	23	22	0	N. 3	23	2	17
5	6		35	11	4	19	17	2	0	23	0	S. 20	29	2	41
6	6		12	12	3	56	18	1	37	24	0	44	30	3	4

- ☾ Last Quarter, 8th day, 6h. 23m., morning.
- ☽ New Moon, 15th day, 1h. 25m., morning.
- ☽ First Quarter, 21st day, 6h. 41m., evening.
- ☽ Full Moon, 29th day, 8h. 56m., evening.

Days of Month.	Days of the Week.	☀		Length of Days.		Day's Decre.		☽	☾	Full Sea, Boston.		☽'s Place.	☽		☽ Souths.
		Rises. h. m.	Sets. h. m.	h.	m.	h.	m.			F.	A.		Morning h. m.	Evening h. m.	
1	Sa.	5 25	6 33	13	8	2	9	0	16	—	0 1	feet	6 47	0 28	
2	SU.	5 26	6 32	13	6	2	11	1	17	0 17	0 34	h'd	7 6	1 7	
3	Mo.	5 27	6 30	13	3	2	14	1	18	0 51	1 9	h'd	7 27	1 48	
4	Tu.	5 28	6 28	13	0	2	17	1	19	1 27	1 45	n'k	7 51	2 29	
5	W.	5 30	6 27	12	57	2	20	2	20	2 5	2 25	n'k	8 20	3 13	
6	Th.	5 31	6 25	12	54	2	23	2	21	2 46	3 7	n'k	8 56	4 0	
7	Fr.	5 32	6 23	12	51	2	26	2	22	3 31	3 57	arm	9 41	4 51	
8	Sa.	5 33	6 22	12	49	2	28	3	23	4 26	4 56	arm	10 36	5 45	
9	SU.	5 34	6 20	12	46	2	31	3	24	5 28	6 2	br.	11 40	6 41	
10	Mo.	5 35	6 18	12	43	2	34	3	25	6 37	7 13	br.	morn.	7 39	
11	Tu.	5 36	6 16	12	40	2	37	4	26	7 47	8 20	h'rt	0 54	8 36	
12	W.	5 37	6 14	12	37	2	40	4	27	8 51	9 20	h'rt	2 11	9 32	
13	Th.	5 38	6 13	12	35	2	42	4	28	9 48	10 14	h'rt	3 29	10 26	
14	Fr.	5 39	6 11	12	32	2	45	5	29	10 39	11 3	bel.	4 49	11 19	
15	Sa.	5 40	6 9	12	29	2	48	5	☽	11 26	11 48	rei.	sets.	ev. 12	
16	SU.	5 41	6 7	12	26	2	51	5	1	—	0 10	rei.	6 30	1 5	
17	Mo.	5 42	6 6	12	24	2	53	6	2	0 33	0 56	sec.	7 2	2 0	
18	Tu.	5 43	6 4	12	21	2	56	6	3	1 20	1 45	sec.	7 39	2 57	
19	W.	5 44	6 2	12	18	2	59	6	4	2 10	2 36	sec.	8 23	3 55	
20	Th.	5 45	6 0	12	15	3	2	7	5	3 3	3 31	thi.	9 16	4 53	
21	Fr.	5 46	5 59	12	13	3	4	7	6	3 59	4 29	thi.	10 15	5 50	
22	Sa.	5 47	5 57	12	10	3	7	8	7	5 1	5 33	kn.	11 19	6 44	
23	SU.	5 49	5 55	12	6	3	11	8	8	6 6	6 38	kn.	morn.	7 35	
24	Mo.	5 50	5 53	12	3	3	14	8	9	7 8	7 36	legs	0 24	8 22	
25	Tu.	5 51	5 52	12	1	3	16	9	10	8 3	8 29	legs	1 28	9 6	
26	W.	5 52	5 50	11	58	3	19	9	11	8 53	9 15	legs	2 32	9 47	
27	Th.	5 53	5 48	11	55	3	22	9	12	9 36	9 56	feet	3 32	10 27	
28	Fr.	5 54	5 46	11	52	3	25	10	13	10 15	10 34	feet	4 33	11 7	
29	Sa.	5 55	5 45	11	50	3	27	10	☽	10 53	11 11	h'd	5 33	11 47	
30	SU.	5 56	5 43	11	47	3	30	10	15	11 28	11 45	h'd	rises.	morn.	



SEPTEMBER hath 30 days.

1860.



Then honor him who tills the soil,  
As well as those who rear our domes;  
For both leave monuments of toil  
Which point to many happy homes.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Sa.	2d. $\delta \psi \zeta$ , $\varphi$ in per.	<p>AN agricultural writer of repute says: "August is the best time for ploughing and seeding down such mowing lands as need re-seeding. * * * From the 10th of August to Sept. 20th is appropriate time for this work. There can be no doubt that this is the best way to resuscitate worn-out grass lands, but it is important that it be done in season." Flint, in his treatise on Grasses and Forage Plants, says: "The most important point to be observed, is to use a large number of species of grasses, with smaller quantities of each than those most commonly used. This is Nature's rule; for in examining the turf of a rich old pasture we shall find a large number of different species growing together." * * * As an instance of what he considers an improvement in our ordinary mixtures for permanent pastures, Mr. Flint, in the treatise above referred to, suggests 1 lb. of Sweet-scented Vernal, 2 lbs. each of Meadow Foxtail, Meadow Fescue, Redtop, and Rough-stalked Meadow Grass, 3 lbs. of Timothy, 4 lbs. each of June Grass, Italian Ryegrass, and Perennial Clover, 5 lbs. White Clover, 6 lbs. each of Orchardgrass and Perennial Ryegrass, — say 41 lbs. per acre.</p>
2	G.	13th S. af. Trin. High	
3	Mo.	tides. <i>Unsettled.</i>	
4	Tu.	{ C. C. Lenox, Greenf., Northamp., & Lowell. $\square \text{H} \odot$	
5	W.	{ 4th. State elec., Vermont. Dog d. end.	
6	Th.	$\delta \varphi \text{h}$ <i>A storm</i>	
7	Fr.	$\delta \text{H} \zeta$ <i>is not far</i>	
8	Sa.	$\zeta$ runs high. <i>off.</i>	
9	G.	14th S. af. Trin. Low	
10	Mo.	State elec., Maine. tides.	
11	Tu.	{ C. C. Worces- ter. $\delta \varphi \zeta$	
12	W.	$\varphi$ gr. hel. lat. N. $\delta \text{H} \zeta$	
13	Th.	$\delta \text{h} \zeta$ <i>Very fine,</i>	
14	Fr.	{ Rev. J. Sawyer d. at Bangor, Me., a. 109, 1858. $\delta \varphi \zeta$	
15	Sa.	<i>with rather high</i>	
16	G.	15th S. af. Trin. High	
17	Mo.	16th. $\delta$ in per. $\text{H}$ sta. tides.	
18	Tu.	<i>winds.</i>	
19	W.	<i>Weather more</i>	
20	Th.	$\delta \psi \odot$ <i>unsettled.</i>	
21	Fr.	{ St. Mat. $\delta \varphi \odot$ sup. $\zeta$ r. low.	
22	Sa.	$\odot$ enters $\sphericalangle$ Autumn b.	
23	G.	16th S. af. Trin. Low	
24	Mo.	$\delta \delta \zeta$ tides. <i>Some</i>	
25	Tu.	{ C. C. Taunton { Days and nights { and Dedham. { nearly equal.	
26	W.	<i>rain, perhaps.</i>	
27	Th.	<i>Fine again.</i>	
28	Fr.	$\varphi$ gr. elong. W. $\delta \varphi \text{H}$	
29	Sa.	St. Michael. $\delta \psi \zeta$ Ti.	
30	G.	17th S. af. Trin. high.	

1860.

OCTOBER, tenth Month.

## Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.	h.	d.	m.	h.	d.	m.	h.	d.	m.	h.	d.	m.	h.
1	3	S.	27	7	5	46	13	8	2	19	10	15	25	12	21
2	3		51	8	6	9	14	8	25	20	10	36	26	12	42
3	4		14	9	6	32	15	8	47	21	10	57	27	13	2
4	4		37	10	6	55	16	9	9	22	11	19	28	13	22
5	5		0	11	7	17	17	9	31	23	11	40	29	13	42
6	5		23	12	7	40	18	9	53	24	12	1	30	14	2

☾ Last Quarter, 7th day, 6h. 21m., evening.

● New Moon, 14th day, 9h. 53m., morning.

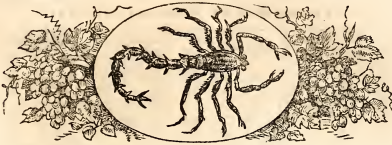
☽ First Quarter, 21st day, 9h. 26m., morning.

○ Full Moon, 29th day, 2h. 6m., evening.

Days of Month.	Days of the Week.	☉		Length of Days.	Day's Decre.	☽	☽	Full Sea, Boston.		☽'s Place	☽		☽
		Rises.	Sets.					Morning	Evening		R.	S.	
		h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	Mo.	5 57	5 41	11 44	3 33	11 16	—	0 2	h'd	5 57	0 28		
2	Tu.	5 58	5 39	11 41	3 36	11 17	0 20	0 39	n'k	6 25	1 12		
3	W.	6 05	5 38	11 38	3 39	11 18	0 58	1 18	n'k	6 59	1 58		
4	Th.	6 15	5 36	11 35	3 42	11 19	1 39	2 1	arm	7 39	2 47		
5	Fr.	6 25	5 34	11 32	3 45	12 20	2 24	2 48	arm	8 30	3 39		
6	Sa.	6 35	5 33	11 30	3 47	12 21	3 13	3 40	arm	9 29	4 34		
7	SU.	6 45	5 31	11 27	3 50	12 22	4 8	4 38	br.	10 37	5 29		
8	Mo.	6 55	5 29	11 24	3 53	13 23	5 10	5 43	br.	11 49	6 25		
9	Tu.	6 65	5 27	11 21	3 56	13 24	6 16	6 49	h'rt	morn.	7 19		
10	W.	6 85	5 26	11 18	3 59	13 25	7 21	7 52	h'rt	1 4	8 12		
11	Th.	6 95	5 24	11 15	4 2	13 26	8 22	8 51	bel.	2 21	9 4		
12	Fr.	6 105	5 23	11 13	4 4	14 27	9 18	9 44	bel.	3 38	9 55		
13	Sa.	6 115	5 21	11 10	4 7	14 28	10 10	10 35	rei.	4 57	10 48		
14	SU.	6 125	5 19	11 7	4 10	14 29	11 0	11 24	rei.	6 17	11 42		
15	Mo.	6 145	5 18	11 4	4 13	14 1	11 47	—	sec.	sets.	ev.	39	
16	Tu.	6 155	5 16	11 1	4 16	14 2	0 10	0 35	sec.	6 13	1 38		
17	W.	6 165	5 15	10 59	4 18	15 3	1 1	1 27	thi.	7 5	2 39		
18	Th.	6 175	5 13	10 56	4 21	15 4	1 54	2 21	thi.	8 4	3 39		
19	Fr.	6 185	5 11	10 53	4 24	15 5	2 48	3 15	kn.	9 8	4 36		
20	Sa.	6 195	5 10	10 51	4 26	15 6	3 42	4 10	kn.	10 14	5 29		
21	SU.	6 205	5 8	10 48	4 29	15 7	4 38	5 7	legs	11 20	6 18		
22	Mo.	6 225	5 7	10 45	4 32	16 8	5 35	6 2	legs	morn.	7 3		
23	Tu.	6 235	5 5	10 42	4 35	16 9	6 29	6 56	legs	0 23	7 46		
24	W.	6 245	4 10 40	4 37	4 37	16 10	7 21	7 45	feet	1 24	8 26		
25	Th.	6 255	3 10 38	4 39	4 39	16 11	8 8	8 31	feet	2 24	9 6		
26	Fr.	6 265	1 10 35	4 42	4 42	16 12	8 53	9 14	h'd	3 24	9 46		
27	Sa.	6 284	5 9 10 31	4 46	4 46	16 13	9 35	9 55	h'd	4 25	10 27		
28	SU.	6 294	5 8 10 29	4 48	4 48	16 14	10 15	10 35	h'd	5 26	11 10		
29	Mo.	6 304	5 7 10 27	4 50	4 50	16 15	10 55	11 15	n'k	6 29	11 55		
30	Tu.	6 314	5 6 10 25	4 52	4 52	16 16	11 34	11 54	n'k	rises.	morn.		
31	W.	6 334	5 4 10 21	4 56	4 56	16 17	—	0 15	arm	5 40	0 44		

OCTOBER hath 31 days.

1860.



Recall the gifts received from Heaven,  
And lay them all at Memory's shrine;  
Remember some have harder striven,  
Whose share of good is less than thine.

D.	M.	W.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Mo.		<i>Frequent</i>	Now come the cold nights, the frosty mornings, and the sunshiny days — the most melancholy, and yet the most beautiful, of all the year. But work still remains to be done. The roots are not all out of the ground. Carrots grow long after the frosts have begun to nip the more tender plants. Apples and other fruits, especially the winter varieties, are now to be gathered; — mind you don't bruise them by careless picking. If it pays to set out and follow up your trees with tender care year after year, till they begin to reward your labors, a little extra care in gathering your apples by hand, one by one, and laying them gently away, will equally pay for time and trouble. A single decaying apple, bruised in gathering or packing, may cause you the loss of half a barrel. Look out for the cattle during these cold, chilly nights, especially young calves. Better take them in too early than too late. Feed up the cows, too, or they will now fall off in milk, and cannot easily be brought up again. Now is the time, also, to look to the farming tools which have been used in summer, and to put them away, carefully cleaned and dry, for next season's use. Exposure to the weather will destroy them as fast as ordinary usage.
2	Tu.		C. C. Springfield.	
3	W.		<i>showers</i>	
4	Th.		{ 5th. Crystal Palace, N. Y., destroyed by fire, 1858.	
5	Fr.	♁ ♃ ♁	<i>of rain.</i>	
6	Sa.	♁ in ♄	♁ runs high.	
7	G.	18th S. af. Trin.	<i>Fine</i>	
8	Mo.		{ John Hancock died, aged 56, 1740.	
9	Tu.		{ C. C. Barnstable and Newburyport.	
10	W.	♁ ♃ ♁	<i>the season.</i>	
11	Th.		{ Vt. Legis. meets.	
12	Fr.		{ 9th. First arr. of overland mail from Cal. at St. Louis, in 23d 4h., 1858.	
13	Sa.	14th. ♀ in ♄	♁ ♀ ♃	
14	G.	19th S. af. Trin.	<i>Cooler,</i>	
15	Mo.	♁ ♃ ♁	<i>High with high</i>	
16	Tu.	♀ in aph.	<i>tides. winds.</i>	
17	W.		Burgoyne surrend. 1777.	
18	Th.		St. Luke. ♁ runs low.	
19	Fr.		{ Mrs. Mary Hennessey d. at Salem, aged 101 years 4 months, 1858.	
20	Sa.		<i>Great plenty of</i>	
21	G.	20th S. af. Trin.	<i>wind</i>	
22	Mo.	♁ ♃ ♁	<i>Low</i>	
23	Tu.		{ The French, by order of Napo. I., blew up Kremlin and evac. Mos., '12.	
24	W.		<i>tides. and rain.</i>	
25	Th.		<i>Pleasant.</i>	
26	Fr.	♁ ♃ ♁	<i>Some flakes</i>	
27	Sa.		{ Hon. E. P. Walton, of Vt., died, a. 66, 1856.	
28	G.	21st S. af. Trin.	{ St. Sim. } { St. Jude. }	
29	Mo.		R. I. Leg. m. at Newport.	
30	Tu.		{ 20th. Great earthquake in New England, 1737.	
31	W.		<i>tides. snow.</i>	

1860. NOVEMBER, eleventh Month.

## Astronomical Calculations.

Days of Declination.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	14	8.40	7	16	30	13	18	10	19	19	39	25	20	54
2	14	59	8	16	48	14	18	26	20	19	52	26	21	6
3	15	18	9	17	5	15	18	41	21	20	6	27	21	17
4	15	36	10	17	22	16	18	56	22	20	18	28	21	27
5	15	55	11	17	38	17	19	11	23	20	31	29	21	37
6	16	13	12	17	54	18	19	25	24	20	43	30	21	47

☾ Last Quarter, 6th day, 4h. 33m., morning.

☉ New Moon, 12th day, 7h. 52m., evening.

☽ First Quarter, 20th day, 4h. 8m., morning.

○ Full Moon, 28th day, 6h. 54m., morning.

Days of Month.	Days of the Week.	Rises.	Sets.	Length of Days.	Day's Decre.	☉	☽	Full Sea, Boston.	☽'s Place.	☽	☽	Souths.	
		h. m.	h. m.	h. m.	h. m.	F.	A.	Morning Evening		R. S.		h. m. h. m.	
1	Th.	6 34	4 53	10 19	4 58	16	18	0 36	0 59	arm		6 27	1 36
2	Fr.	6 35	4 52	10 17	5 0	16	19	1 22	1 46	arm		7 24	2 30
3	Sa.	6 36	4 51	10 15	5 2	16	20	2 10	2 35	br.		8 29	3 25
4	SU.	6 38	4 49	10 11	5 6	16	21	3 0	3 26	br.		9 39	4 20
5	Mo.	6 39	4 48	10 9	5 8	16	22	3 53	4 20	h'rt		10 51	5 13
6	Tu.	6 40	4 47	10 7	5 10	16	23	4 49	5 19	h'rt	morn.	6 5	
7	W.	6 41	4 46	10 5	5 12	16	24	5 49	6 19	bel.		0 4	6 55
8	Th.	6 43	4 45	10 2	5 15	16	25	6 49	7 19	bel.		1 18	7 44
9	Fr.	6 44	4 44	10 0	5 17	16	26	7 49	8 19	rei.		2 32	8 35
10	Sa.	6 45	4 43	9 58	5 19	16	27	8 48	9 15	rei.		3 48	9 27
11	SU.	6 46	4 42	9 56	5 21	16	28	9 42	10 9	sec.		5 6	10 21
12	Mo.	6 48	4 41	9 53	5 24	16	☉	10 36	11 3	sec.		6 25	11 19
13	Tu.	6 49	4 40	9 51	5 26	15	1	11 29	11 54	thi.	sets.		ev. 19
14	W.	6 50	4 39	9 49	5 28	15	2	—	0 19	thi.		5 47	1 20
15	Th.	6 52	4 38	9 46	5 31	15	3	0 45	1 12	kn.		6 50	2 21
16	Fr.	6 53	4 37	9 44	5 33	15	4	1 38	2 3	kn.		7 57	3 17
17	Sa.	6 54	4 36	9 42	5 35	15	5	2 28	2 52	kn.		9 5	4 9
18	SU.	6 55	4 35	9 40	5 37	15	6	3 16	3 40	legs		10 11	4 57
19	Mo.	6 56	4 35	9 39	5 38	14	7	4 3	4 27	legs		11 14	5 41
20	Tu.	6 58	4 34	9 36	5 41	14	8	4 51	5 16	feet	morn.	6 23	
21	W.	6 59	4 33	9 31	5 43	14	9	5 41	6 5	feet		0 15	7 3
22	Th.	7 0	4 33	9 33	5 44	14	10	6 29	6 54	feet		1 15	7 43
23	Fr.	7 1	4 32	9 31	5 46	13	11	7 18	7 42	h'd		2 14	8 23
24	Sa.	7 2	4 32	9 30	5 47	13	12	8 5	8 29	h'd		3 15	9 5
25	SU.	7 4	4 31	9 27	5 50	13	13	8 52	9 16	n'k		4 17	9 50
26	Mo.	7 5	4 31	9 26	5 51	12	14	9 39	10 3	n'k		5 21	10 38
27	Tu.	7 6	4 30	9 24	5 53	12	15	10 26	10 50	n'k		6 26	11 30
28	W.	7 7	4 30	9 23	5 54	12	☉	11 13	11 36	arm	rises.		morn.
29	Th.	7 8	4 29	9 21	5 56	11	17	11 58	—	arm		5 18	0 24
30	Fr.	7 9	4 29	9 20	5 57	11	18	0 21	0 45	br.		6 20	1 20

NOVEMBER hath 30 days.

1860.



Pay each his due, then from thine own  
 Relieve a suffering brother's need ;  
 Make truth and virtue widely known,  
 By every word and every deed.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Th.	All Saints' day. $\delta \text{ } \text{H} \text{ } \text{C}$	DANIEL WEBSTER remarked,
2	Fr.	$\text{C}$ runs high. <i>Very</i>	"If we work on immortal minds,
3	Sa.	<i>fine, but</i>	* * * we engrave on those
4	G.	22d S. after Trinity.	tablets something which no time
5	Mo.	$\text{q}$ gr. hel. lat. S. <i>cool.</i>	can efface, but will brighten to
6	Tu.	$\left. \begin{array}{l} \text{PRESIDENTIAL} \\ \text{ELEC. IN U. S.} \end{array} \right\} \left. \begin{array}{l} \text{State Elec.} \\ \text{in Mass.} \end{array} \right\}$	all eternity." A celebrated au-
7	W.	$\delta \text{ } \text{C}$ , $\text{q}$ gr. elon. E. Low	thor writes somewhat thus:
8	Th.	$\delta \text{ } \text{h} \text{ } \text{C}$ tides. <i>Hard</i>	"That class of men who make the
9	Fr.	<i>frost, but fine</i>	most and best use of their <i>heads</i>
10	Sa.	$\delta \text{ } \text{q}$ $\text{C}$ <i>days.</i>	will in fact be the most influen-
11	G.	23d S. af. Trin. <i>Misty,</i>	tial." "The only way to over-
12	Mo.	<i>and more uncomfortable</i>	come the difference between the
13	Tu.	$\left. \begin{array}{l} \text{Great fall of meteors observed} \\ \text{at N. Haven and N. Y., 1857.} \end{array} \right\}$	educated and uneducated portions
14	W.	$\left. \begin{array}{l} \text{C. C. Ed-} \\ \text{gartown.} \end{array} \right\} \delta \text{ } \text{q}$ $\text{C}$ <i>High</i>	of society, is to rear up a genera-
15	Th.	$\text{C}$ r. low. tides. <i>for</i>	tion of well-educated, thinking,
16	Fr.	$\text{q}$ in per. <i>some days.</i>	reading farmers and mechanics."
17	Sa.	$\text{q}$ sta. $\square \text{ } \text{C}$	This is the season for general
18	G.	24th S. af. T. $\left. \begin{array}{l} \text{Cardinal Wol-} \\ \text{sey died, 1530.} \end{array} \right\}$	reading; when thus employed,
19	Mo.	$\left. \begin{array}{l} \text{Prisoner known as the "Man} \\ \text{with the Iron Mask" d., 1703.} \end{array} \right\}$	have, if possible, a Dictionary and
20	Tu.	$\delta \text{ } \text{q}$ $\text{C}$ <i>Finer and</i>	an Atlas by you for reference.
21	W.	Low <i>pleasant for</i>	Books for farmers are now con-
22	Th.	$\delta \text{ } \text{q}$ $\text{C}$ tides. <i>some</i>	stantly being published; we give
23	Fr.	$\square \text{ } \text{q}$ $\text{C}$ <i>days.</i>	the titles of a few: Flint's Milch
24	Sa.	$\left. \begin{array}{l} \text{Tr. of peace with Great} \\ \text{Brit. signed at Ghent, 1814.} \end{array} \right\} \text{q}$ in $\text{C}$	Cows and Dairy Farming, and his
25	G.	25th S. af. Trin. <i>Signs</i>	Grasses and Forage Plants, new
26	Mo.	$\left. \begin{array}{l} \text{Colossal statue of Washington} \\ \text{placed on monum. at Bal., 1859.} \end{array} \right\}$	edition; Beecher's Plain Talks
27	Tu.	$\delta \text{ } \text{q}$ $\text{C}$ inf. <i>of a storm.</i>	about Fruits, Flowers, and Farm-
28	W.	$\delta \text{ } \text{q}$ $\text{C}$ <i>High</i>	ing; Copeland's Country Life;
29	Th.	$\text{q}$ in per. $\text{C}$ r. high.	The American Home Garden;
30	Fr.	St. And. $\square \text{ } \text{h} \text{ } \text{C}$ tides.	Darlington's American Weeds and
			Useful Plants; Herbert's Hints
			to Horse-Keeper; French's Farm
			Drainage; Langstroth on Bees;
			Downing's Landscape Garden-
			ing and Rural Architecture, new
			edition. Don't be afraid of get-
			ting information from books.

1860. DECEMBER, twelfth Month.

## Astronomical Calculations.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	21	S.	56	7	22	43	13	23	13	19	23	27	25	23
2	22		5	8	22	49	14	23	16	20	23	27	26	23	21
3	22		13	9	22	54	15	23	19	21	23	27	27	23	19
4	22		21	10	23	0	16	23	22	22	23	27	28	23	15
5	22		29	11	23	5	17	23	24	23	23	26	29	23	12
6	22		36	12	23	9	18	23	26	24	23	25	30	23	8

☾ Last Quarter, 5th day, 1h. 17m., evening.

● New Moon, 12th day, 8h. 4m., morning.

☽ First Quarter, 20th day, 1h. 26m., morning.

○ Full Moon, 27th day, 10h. 33m., evening.

Days of Month.	Days of Week.	☉		Length of Days.	Day's Decre.	☽	☽	Full Sea, Boston.		☽'s Place.	☽		☽ Souths.	
		Rises.	Sets.					Morning	Evening		R.	S.		
		h.	m.	h.	m.	F.	A.	h.	m.		h.	m.	h.	m.
1	Sa.	7 10	4 29	9 19	5 58	11	19	1 9	1 33	br.	7 30	2 15		
2	SU.	7 11	4 28	9 17	6 0	10	20	1 57	2 21	h't	8 42	3 10		
3	Mo.	7 12	4 28	9 16	6 1	10	21	2 45	3 9	h't	9 54	4 2		
4	Tu.	7 13	4 28	9 15	6 2	9	22	3 33	3 58	bel.	11 7	4 52		
5	W.	7 14	4 28	9 14	6 3	9	23	4 24	4 51	bel.	morn.	5 41		
6	Th.	7 15	4 28	9 13	6 4	8	24	5 19	5 48	bel.	0 20	6 29		
7	Fr.	7 16	4 28	9 12	6 5	8	25	6 17	6 47	rei.	1 33	7 18		
8	Sa.	7 17	4 28	9 11	6 6	8	26	7 18	7 50	rei.	2 47	8 10		
9	SU.	7 18	4 28	9 10	6 7	7	27	8 21	8 51	sec.	4 3	9 4		
10	Mo.	7 19	4 28	9 9	6 8	7	28	9 21	9 51	sec.	5 20	10 2		
11	Tu.	7 20	4 28	9 8	6 9	6	29	10 21	10 49	thi.	6 32	11 2		
12	W.	7 20	4 28	9 8	6 9	6	●	11 15	11 40	thi.	7 37	ev.	3	
13	Th.	7 21	4 28	9 7	6 10	5	1	—	0 5	kn.	sets.	1 2		
14	Fr.	7 22	4 29	9 7	6 10	5	2	0 30	0 54	kn.	6 45	1 57		
15	Sa.	7 23	4 29	9 6	6 11	4	3	1 17	1 40	legs	7 54	2 48		
16	SU.	7 23	4 29	9 6	6 11	4	4	2 2	2 23	legs	9 0	3 34		
17	Mo.	7 24	4 29	9 5	6 12	3	5	2 44	3 4	legs	10 2	4 17		
18	Tu.	7 25	4 29	9 4	6 13	3	6	3 23	3 44	feet	11 3	4 59		
19	W.	7 25	4 30	9 5	INC.	2	7	4 5	4 26	feet	morn.	5 38		
20	Th.	7 26	4 31	9 5	0 1	2	8	4 48	5 11	h'd	0 3	6 18		
21	Fr.	7 26	4 31	9 5	0 1	1	9	5 35	6 0	h'd	1 3	7 0		
22	Sa.	7 27	4 32	9 5	0 1	1	10	6 25	6 51	h'd	2 4	7 43		
23	SU.	7 27	4 32	9 5	0 1	0	11	7 18	7 45	n'k	3 7	8 29		
24	Mo.	7 28	4 33	9 5	0 1	S.	12	8 12	8 39	n'k	4 10	9 19		
25	Tu.	7 28	4 33	9 5	0 1	1	13	9 7	9 35	arm	5 15	10 13		
26	W.	7 28	4 34	9 6	0 2	1	14	10 2	10 29	arm	6 15	11 9		
27	Th.	7 29	4 35	9 6	0 2	2	○	10 55	11 19	br.	7 11	morn.		
28	Fr.	7 29	4 35	9 6	0 2	2	16	11 43	—	br.	rises.	0 6		
29	Sa.	7 29	4 36	9 7	0 3	3	17	0 7	0 30	br.	6 30	1 2		
30	SU.	7 29	4 37	9 8	0 4	3	18	0 53	1 16	h't	7 43	1 56		
31	Mo.	7 30	4 38	9 8	0 4	4	19	1 39	2 2	h't	8 57	2 48		

DECEMBER hath 31 days.

1860.



Thus may each freeman, year by year,  
Nobly sustain a freeman's right,  
Be free from debt, from guilt, and fear,  
And shine with heaven's reflected light.

East Cambridge.

J. W. D.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Sa.	♁ ♃ ☉ <i>Grows</i>	<p>THE Old Year is nearly gathered to the past; the New, with its unacted history, is approaching. H. W. Beecher says: "The Almanac for the year died without a groan. He seemed as vigorous only the day before as the first day of his life, and held his own to the last moment. Were it not that another child of the same family, bearing the same general features, and apparently of the same temper, is ready to take his place, we should be inconsolable. For no other friend have we to whom we can go for advice as we could to him. He spoke mostly in figures. His knowledge in various things was not small, and was exceedingly practical. He held converse with the stars, and seemed to know what was going on among all the planets. * * * He was fond of looking after the tides; he kept a calendar of various events and days. * * * We seldom took in hand an important matter without consulting him, and never found his judgment of events wrong. Nothing pleased him more than on some winter night to be drawn forth and held before the glowing fire, and be persuaded into spiritual converse." Adieu, until we wish you a Happy New Year in the next number of the Almanac.</p>
2	G.	1st S. in Advent. <i>much</i>	
3	Mo.	<i>cooler.</i>	
4	Tu.	{ C. C. North- ampton. ♂ ♃ ☾	
5	W.	♁ ♃ ☾ <i>Wind</i>	
6	Th.	Low <i>and rain</i>	
7	Fr.	♃ sta. tides. <i>or snow.</i>	
8	Sa.	♃ sta. ♀ gr. hel. lat. N.	
9	G.	2d S. in Advent. ♂ ♀ ☾	
10	Mo.	♁ ♃ ☾ <i>Becomes</i>	
11	Tu.	{ C. C. Green- field. 9th. ♃ gr. hel. lat. N.	
12	W.	☾ runs low. <i>finer.</i>	
13	Th.	♃ stationary. High	
14	Fr.	{ WASHINGTON died, aged 67, 1799. tides.	
15	Sa.	♃ gr. elong. W. <i>Clear</i>	
16	G.	3d S. in Ad. <i>and cold.</i>	
17	Mo.	{ 16th. Tea destroyed in Boston Harbor, 1773.	
18	Tu.	☐ ♃ ☉ <i>Thaw and</i>	
19	W.	♁ ♃ ☾ <i>blustering.</i>	
20	Th.	♁ ♃ ☾ ♃ sta.	
21	Fr.	St. Thomas. Low <i>Fine</i>	
22	Sa.	21st. ☉ ent. ♃ Winter b.	
23	G.	4th S. in Ad. tides. <i>again.</i>	
24	Mo.	{ 25th. C. C. Salem, New. or Ips., as ord. by Court, and Springt. & Wor.	
25	Tu.	Christmas. ♂ ♃ ☾	
26	W.	{ C. C. Ded- ham. ☾ runs high.	
27	Th.	St. John. <i>Windy,</i>	
28	Fr.	Holy Innocents. High	
29	Sa.	30th. ☉ in per. tides.	
30	G.	1st S. af. Christ. <i>with</i>	
31	Mo.	♁ ♃ ☾ <i>snow or rain.</i>	

# COURTS.

N. B. — For times and places of holding the Supreme Judicial Court (and the Law Terms of the same), and of the Superior Court of Massachusetts, see page 32. For County Commissioners' Meetings (C. C.), in Mass., see Calendar pages.

## SUPREME COURT OF THE UNITED STATES.

At Washington, to commence on the first Monday in December annually.

Chief Justice and Judges same as 1858, except Hon. Nathan Clifford, of Maine, appointed instead of Hon. B. R. Curtis, resigned.

UNITED STATES CIRCUIT COURTS IN THE FIRST AND SECOND EASTERN CIRCUITS. — IN MAINE — at Portland, 23d Apr. and 23d Sept. In N. HAMPSHIRE — at Portsmouth, May 8, and at Exeter, Oct. 8. In MASSACHUSETTS — at Boston, May 15 and Oct. 15. In CONNECTICUT — at N. Haven, 4th Tues. in Apr., and at Hartford, 3d Tues. in Sept. In RHODE ISLAND — at Newport, June 15, and at Providence, Nov. 15. In VERMONT — at Windsor, 4th Tues. in July, and at Rutland, Oct. 3. (Corrected 1859.)

UNITED STATES DISTRICT COURTS. — IN MAINE — at Portland, 1st Tues. in Feb. and Dec.; at Wiscasset, 1st Tues. in Sept.; at Bangor, 4th Tues. in June. In N. HAMPSHIRE — at Portsmouth, 3d Tues. in March and Sept.; at Exeter, 3d Tues. in June and Dec. In MASSACHUSETTS — at Boston, 3d Tues. in Mar., 4th Tues. in June, 2d Tues. in Sept., and 1st Tues. in Dec. In CONNECTICUT — at Hartford, 4th Tues. in May and Nov.; at N. Haven, 4th Tues. in Feb. and Aug. In RHODE ISLAND — at Newport, 2d Tues. in May and 3d Tues. in Oct.; at Providence, 1st Tu. in Feb. and Aug. In VERMONT — at Windsor, Mon. after 4th Tu. in July; at Rutland, Oct. 6. (Correct. 1859.)

☞ If any of the days happen on Sunday the Court is to commence on the Monday following.

BOSTON POLICE COURT, every day at 9 A. M. and 3 P. M., except Saturday, when the afternoon session is omitted. BOSTON JUSTICES' COURT, every Saturday at 9 A. M.; all at the Court House, Court Square, Boston. POLICE COURTS have also been established at New Bedford, Taunton, Salem, Lowell, Lawrence, Worcester, Springfield, Pittsfield, Fall River, Newburyport, Chelsea, Williamstown, Roxbury, Lee, Chicopee, Gloucester.

## COURTS IN THE STATE OF CONNECTICUT.

SUPREME COURTS. — At Hartford, 4th Tues. in Feb., and 2d Tues. in Sept. At Bridgeport, 2d Tues. in Feb. At New Haven, 3d Tues. in Feb., 4th Tues. in Sept. At New London, 2d Tues. in March. At Litchfield, 4th Tues. in April, 3d Tues. in Oct. At Brooklyn, 1st Tues. in Mar., 2d Tues. in Oct. At Middletown, 3d Tues. in Mar. At Tolland, 4th Tues. in Mar., 2d Tues. in Nov. At Danbury, 1st Tues. in Oct. At Norwich, 4th Tues. in Oct. At Haddam, 1st Tues. in Nov.

SUPERIOR COURTS. — At Hartford, 2d Tues. in Mar., 3d Tues. in July, 4th Tues. in Sept., and 3d Tues. in Dec. At New Haven, 1st Tues. in Mar., 2d Tues. in May, 3d Tues. in July, 1st Tues. in Sept., 2d

Tues. in Oct., and 3d Tues. in Dec. At Norwich, 1st Tues. in April, 3d Tues. in Nov. At New London, 3d Tues. in Jan., 4th Tues. in Aug. At Danbury, 2d Tues. in Aug. and 3d Tues. in Oct. At Brooklyn, 1st Tues. in Jan., 3d Tues. in Mar., 1st Tues. in Aug., 1st Tues. in Nov. At Litchfield, 4th Tues. in Jan., 2d Tues. in April, 2d Tues. in Sept., and 1st Tues. in Nov. At Middletown, 1st Tues. in Feb., and 1st Tues. in Sept. At Haddam, 2d Tues. in April, and 1st Tues. Dec. At Tolland, 2d Tues. in April, 1st Tues. in Sept., and 1st Tues. in Dec. At Bridgeport, 1st Tues. in Mar., 3d Tues. in Dec. (Corrected 1859.)

COUNTY COURTS. — Abolished in 1855.

## COURTS IN THE STATE OF VERMONT.

SUPREME COURTS. — Middlebury, 1st Mon. aft. 3d Tues. in Jan. Rutland, 1st Mon. aft. 4th Tues. in Jan. Manchester and Bennington, alternately, 2d Tues. aft. 4th Tues. in Jan. Newfane, Mon. following 2d Tues. aft. 4th Tues. in Jan. Woodstock, 4th Tues. aft. 4th Tues. in Jan. Chelsea, 6th Tues. aft. 4th Tues. in Jan. Burlington, 1st Tues. in Jan. St. Albans, 1st Mon. aft. 2d Tues. in Jan. North Hero, 1st Fri. aft. 3d Tues. Jan. Hyde Park, 3d Tues. in Aug. Montpelier, 2d Tues. in Aug. Irasburg, 1st Thurs. next aft. 3d Tues. in Aug. St. Johnsbury, 1st Thursday next aft. 4th Tues. in Aug. Guildhall, 4th Tues. in Aug.

COUNTY COURTS. — Middlebury, 1st Tues. in June, and 2d in Dec. Rutland, 2d Tues. in Mar. and Sept. Manchester, 3d Tues. in June, and Bennington, 4th Tues. in Dec. Newfane, 2d Tues. in April and Sept. Woodstock, 4th Tues. in May, and 2d in Dec. Chelsea, 4th Tues. in June, and 3d in Jan. Burlington, last Tues. in Mar., and 3d in Sept. St. Albans, 2d Tues. in April and Sept. North Hero, last Tues. in Feb. and Aug. Hyde Park, 4th Tues. in May, and 1st in Dec. Montpelier, 2d Tues. in Mar. and Sept. Irasburg, 4th Tues. in June and Dec. St. Johnsbury, 1st Tues. in June and Dec. Guildhall, 3d Tues. in Sept. and Mar. (Corrected 1859.)



## COURTS IN THE STATE OF RHODE ISLAND.

**SUPREME COURTS.**—At Newport, 3d Mon. in Feb., and 4th Mon. in August. Providence, 4th Mon. in March and Sept. South Kingston, 2d Mon. in Aug., and 1st Mon. in Feb. Bristol, 1st Mon. in March, and 2d Mon. in Sept. East Greenwich, 2d Mon. in March, and 3d Mon. in Sept.

**COURTS OF COMMON PLEAS.**—At Newport, 2d Mon. in April and Oct. Providence, 1st Mon. in June and Dec. South Kingston, 2d Mon. in May, and 1st Mon. in Nov. Bristol, 1st Mon. in May, and last Mon. in Oct. East Greenwich, 2d Mon. in Feb., and 3d Mon. in Aug.

**GENERAL ASSEMBLY.**—There are two sessions; one at Newport, on the last Tuesday in May, for Election and other business, which adjourns to meet at Providence in January following. (Corrected 1859.)

## COURTS IN THE STATE OF NEW HAMPSHIRE.

An Act reorganizing the Judiciary of N. H. was passed by the Legislature and approved June 23, 1859. We give, as far as our limits will permit, the provisions of some of the sections:

Sec. 1. That from and after the taking effect of this act (Aug. 1, 1859), the Court of Common Pleas shall be and hereby is abolished, and all laws establishing such Court and providing for Justices thereof shall be and hereby are repealed.

Sec. 2. All processes, matters and things whatsoever, existing, pending, and remaining in the Court of Common Pleas at the time this Act takes effect, shall be and the same hereby are transferred to the Supreme Judicial Court.

Sec. 7. For the business of the Supreme Judicial Court, other than at the Trial Terms thereof, the Co. of Carroll shall be annexed to and constitute a part of Judicial District No. 1, and the Co. of Belknap shall be annexed to and constitute a part of Jud. Dist. No. 2; and Jud. Dist. No. 4, as heretofore constituted, and the Law Terms of said Court at Ossipee and at Gilford, are abolished. On and after the 1st of August, 1859, Jud. Dist. heretofore known and called Jud. Dist. No. 5, shall be called and known as Jud. Dist. No. 4. All processes, matters, and things now pending and remaining in the Supreme Judicial Court for Jud. Dist. No. 4, shall be transferred to the said Court, holden within and for districts numbered one and two accordingly.

**SUPREME JUDICIAL COURT.—TRIAL TERMS.**

Sec. 8. Trial terms of the Supreme Judicial Court shall be holden annually by one or more Justices thereof at the times and places following: at Portsmouth, 3d Tues. of Oct., and Exeter, 2d Tues. of Jan. and April, for Co. of Rockingham. At Dover, 2d Tues. of Feb., last Tues. of May and 1st Tues. of Sept., for Co. of Strafford.

At Gilford, 1st Tues. of Feb., and the 3d Tues. of Aug., for the Co. of Belknap. At Ossipee, 3d Tues. of April, and 3d Tues. of Oct., for Co. of Carroll. At Concord, 3d Tues. of Aug. and 1st Tues. of Feb., for Co. of Merrimack. At Amherst, 1st Tues. of Sept., Manchester, 1st Tues. of Jan., and at Nashua, 1st Tues. of May, for Co. of Hillsborough. At Keene, 3d Tues. of April and Oct., for Co. of Cheshire. At Newport, 4th Tues. of Jan. and 1st Tues. of Sept., for Co. Sullivan. At Haverhill, 1st Tues. of April and Oct., for the Western Jud. Dist., and at Plymouth, 3d Tues. of May and Nov. for the Eastern Jud. Dist. in Co. Grafton. At Lancaster, 4th Tues. of April and Oct., for Co. of Coos.

**SUPREME JUDICIAL COURT.—Law Terms.** For the business of the Supreme Judicial Court, other than at the trial terms thereof, the State, by the old law, was divided into five Judicial Districts, as follows: No. 1. To consist of the Counties of Rockingham and Strafford; No. 2. Of the Counties of Merrimack and Hillsborough; No. 3. Of the Counties of Cheshire and Sullivan; No. 4. Of the Counties of Belknap and Carroll; No. 5. Of the Counties of Grafton and Coos. It will be seen that the new law of June, 1859, changes the Jud. Districts, as provided in Sec. 7.

The old law provided that the Supreme Judicial Court should hold terms thereof, to be called Law Terms, annually, within the aforesaid Judicial Districts, at the times and places following: Exeter, 3d Tues. of June, and Dover, 2d Tues. of Dec. Manchester, 1st Tues. of June, and Concord, 1st Tues. of Dec. Keene, 1st Tues. of July, and Newport, 3d Tues. of Dec. Ossipee, 2d Tues. of July, and Gilford, 4th Tues. of Dec. Lancaster, 3d Tues. of July, and Haverhill, Tues. next after 4th Tues. of Dec. (Corrected 1859.)

## COURTS IN THE STATE OF MAINE.

**SUPREME JUDICIAL COURTS. LAW TERMS.**—Bangor, 4th Tues. May. Augusta, 3d Tues. June. Portland, 2d Tues. July.

**SUPREME JUDICIAL COURTS. CIVIL ACTIONS.**—Saco, 1st Tues. Jan. Alfred, 4th Tues. May, and 3d Tues. Sept. Portland, 3d Tues. Jan. and April, and 2d Tues. Oct. Paris, 2d Tu. Mar., Aug., and Nov. Farmington, 3d Tues. Apr. and Oct. Norridgewock, 3d Tues. Mar., Sept., and Dec. Augusta, 1st Tues. Mar., 3d Tues. Aug., and 4th Tues. Nov. Rockland, 4th Tues. Jan. Wiscasset, 1st Tues. of May and Oct. Bel-

fast, 1st Tues. Jan., May, and Oct. Bangor, 1st Tues. Jan., April, and Oct. Machias, 1st Tues. Jan. and Oct., and 4th Tues. Apr. Ellsworth, 4th Tues. April and Oct. Houlton, 2d Tues. March, and 3d Tues. Sept. Dover, last Tues. Feb., and 2d Tues. Sept. Auburn, 4th Tues. Jan., April, and Sept. Bath, 1st Tues. April, and 3d Tues. Aug. and Dec.

**SUPREME JUDICIAL COURTS. CRIMINAL.**—Portland, 1st Tues. March, last Tues. July, and last Tues. Nov. Bangor, 1st Tues. Feb. and Aug. (Corrected 1859.)

## SUPREME JUDICIAL AND SUPERIOR COURTS IN MASSACHUSETTS. (JULY, 1859.)

By an act of the Legislature of Massachusetts, in April, 1859, the Court of Common Pleas throughout the State, the Superior Court for Suffolk County, and the Municipal Court for Boston, were all abolished, and a Superior Court with ten Judges substituted.

**SUPREME JUDICIAL COURT OF MASS.**  
**JURY TERMS.** — For Barnstable and Dukes Counties, at Barnstable, 1st Tuesday of May. For Berkshire Co., at Lenox, 2d Tues. of May. For Bristol Co., in alternate years at New Bedford and Taunton, beginning at New Bedford 2d Tues. of Nov., 1859. For Essex Co., at Salem, 1st Tues. of May. For Franklin Co., at Greenfield, on the 2d Tues. of Sept. For Hampden Co., at Springfield, 4th Tues. of April. For Hampshire Co., at Northampton, 3d Tues. of April. For Middlesex Co., at Lowell, 1st Tues. of May. For Nantucket Co., at Nantucket, 1st Tues. of July. For Norfolk Co., at Dedham, 3d Tues. of Feb. For Plymouth Co., at Plymouth, 2d Tues. of July, except in the year 1859. For Suffolk Co., at Boston, 1st Tues. of October and April. For Worcester Co., at Worcester, 4th Tues. of June.

**LAW TERMS OF SUPREME JUDICIAL COURT OF MASSACHUSETTS.** — A law term of the Supreme Judicial Court shall be held at Boston on the first Wednesday of January of each year, which term may be adjourned, from time to time, to such places and times as may be most conducive to the despatch of business and the interests of the public; and all questions of law, whether arising upon appeal, exception, or otherwise, and from whichever court, shall be therein entered and determined, if the same arise in either of the following Counties: Essex, Suffolk, Middlesex, Norfolk, Plymouth, Bristol, Barnstable, County of Dukes County or Nantucket, and all questions of law in criminal cases.

And law terms of said court shall also annually be held as follows:

At Lenox, for Berkshire Co., 2d Tues. of September.

At Northampton, Hampshire Co., for the counties of Hampshire and Franklin, Mond. succeeding the 2d Tues. of Sept.; at Springfield, for Hampden Co., 4th Mond. of Sept.

At Worcester, for Worcester Co., on the 1st Monday of October.

**SUPERIOR COURT OF MASSACHUSETTS.** — For Essex Co., (civil) at Salem, 1st Mond. of June and Dec. — at Lawrence, 1st Mond. of March, and at Newburyport, 1st Mond. of Sept.; (crim.) at Lawrence, 3d Mond. of Jan., at Newburyport, 2d Mond. of May, and at Salem, 4th Mond. of Oct.

For Middlesex Co., (civil) at Lowell, 2d Mond. of March and 1st Mond. of Sept., at Concord, 1st Mond. of June, and at Cambridge on 2d Mond. of Dec.; (crim.) at Cambridge, 2d Mond. of Feb., at Concord, 4th Mond. of June, and at Lowell, 3d Mond. of Oct.

For Hampshire Co., at Northampton, (civil) 3d Mond. of Feb., 1st Mond. of June, and 3d Mond. of Oct.; (crim.) 2d Mond. of June and 3d Mond. of Dec.

For Franklin Co., at Greenfield, 3d Mond. of March, and 2d Mond. of Aug. and Nov.

For Hampden Co., at Springfield, (civil) 2d Mond. of March and June, and 1st Mond. of Oct.; (crim.) 3d Mond. of May, and 1st Mond. of Dec.

For Berkshire Co., at Lenox, (civil) 4th Mond. of Feb., June and Oct.; (crim.) 1st Mond. of Jan. and July.

For Norfolk Co., at Dedham, 4th Mond. of April, and 3d Mond. of Sept. and Dec.

For Plymouth Co., at Plymouth, 2d Mond. of June, and 3d Mond. of Oct., and 2d Mond. of Feb.

For Bristol Co., at Taunton, 2d Mond. of March and Sept., and at New Bedford, 2d Mond. of June and Dec.

For Suffolk Co., (civil) at Boston, 1st Tues. of Jan., April, July and October; (crim.) at Boston, 1st Mond. of every month.

For Barnstable Co., at Barnstable, Tues. next after 1st Mond. of April, and 1st Tues. of Sept.

For Nantucket Co., at Nantucket, 1st Mond. of June and Oct.

For Dukes County, at Edgartown, last Mond. of May and Sept.

For Worcester Co., (civil) at Worcester, 1st Mond. of March, Mond. next after 4th Mond. of Aug., and 2d Mond. of Dec.; and at Fitchburg, 2d Mond. of June and Nov.; (crim.) at Worcester, 3d Mond. of Jan., 2d Mond. of May, and 3d Mond. of Oct.; and at Fitchburg, 2d Mond. of Aug.

## PROBATE AND INSOLVENCY COURTS IN MASSACHUSETTS.

JUDGES. (JUNE, 1859.)

Suffolk Co., Isaac Ames, Boston.  
Essex Co., Geo. F. Choate, Salem.  
Middlesex Co., W. A. Richardson, Lowell.  
Worcester Co., Henry Chapin, Worcester.  
Franklin Co., Chas. Mattoon, Greenfield.  
Bristol Co., Edm. H. Bennett, Taunton.  
Plymouth Co., Wm. H. Wood, Middleboro'.

Barnstable Co., Jos. M. Day, Barnstable.  
Nantucket Co., Edw. M. Gardner, Nant.  
Dukes Co., Th. G. Mayhew, Edgartown.  
Hampden Co., John Wells, Chicopee.  
Hampshire Co., Sam. F. Lyman, Northam.  
Norfolk Co., Geo. White, Quincy. [Berksh.  
Berkshire Co., James T. Robinson, West

The Courts for Probate business to be held as now provided by law (see p. 33 of this work); and for Insolvency business to be held in the shire towns of the several counties, and at such other places and at such times as decided by the Judges. Both Courts to be held by the same Judge.

## PROBATE COURTS IN MASSACHUSETTS.

**COUNTY OF SUFFOLK.** — At the Probate Office, in Court Square, Boston, every Mon. in the year, except the 1st and last Mon. in June, every Mon. in July, and the 1st Mon. of each of the five succeeding months.

**COUNTY OF NORFOLK.** — At Roxbury, 4th Tuesday in February, May, August and November, at 10 o'clock, A. M., and at same hour on every Saturday, except the Saturdays following the above-mentioned Tuesdays. At Dedham, 1st Tuesday in every month. At Quincy, 2d Tuesday in Feb., May and Aug. At Wrentham, 3d Tuesday in May, Aug. and Nov. At Medway, 3d Tuesday in Feb., June, and Oct.

**COUNTY OF MIDDLESEX.** — At Cambridge, 2d Tues. of each month, except July, and 4th Tues. in Jan., Feb., Mar., April, Aug., Nov. and Dec. At Concord, 1st Tues. in Jan., March, May and Oct. At Framingham, 4th Tues. in June and Oct. At Groton, 4th Tues. in May and Sept. At Lowell, 1st Tues. in Feb., April, June, Sept. and Dec.

**COUNTY OF WORCESTER.** — At Worcester, at the Probate Office, 1st Tues. in every month. At West Brookfield, 2d Tues. in May and Oct. At Clinton, 3d Tues. in May and Oct. At Fitchburg, Wed. next after 3d Tues. in May and Oct. At Templeton, Thurs. next after 3d Tues. in May and Oct. At Barre, Friday next after 3d Tues. in May and Oct. At Milford, 4th Tues. in May. At Uxbridge, 4th Tues. in Oct.

**COUNTY OF ESSEX.** — At the Probate Office in Salem, first Tues. of each and every month in each year. At Ipswich, 3d Tues. of Feb., May, Aug., and Nov. At Newburyport, last Tues. in March, June, Sept. and Dec. At Haverhill, 3d Tues. in April and Oct. At Gloucester, 3d Tues. in Jan. and July. At Lynn, Wed. following 1st Tues. in Jan. and July. At Marblehead, Wed. following 1st Tues. in April and Oct. At Andover, 2d Tues. in Aug. At N. Andover, 2d Tues. in Feb. At Lawrence, 2d Tues. in March, June, Sept. and Dec.

**COUNTY OF HAMPSHIRE.** — At Northampton, 1st Tues. in each month. At Amherst, 2d Tues. in Jan. and Aug. At Belchertown, 2d Tues. in May and Oct. At Chesterfield, 3d Tues. in May and Oct.

**COUNTY OF FRANKLIN.** — At Greenfield, 1st Tues. in Nov., 2d Tues. in Feb., March, May and Oct., 3d Tues. in Dec., and 4th Tues. in Aug. At Conway, 1st Tues. in Feb., 3d Tues. in July. At Charlemont, 3d Tues. in May and Oct. At Orange, last Tues. in April, 3d Tues. in Sept. At Northfield, Wed. next after last Tues. in April, 3d Tues. in Sept.

**COUNTY OF HAMPDEN.** — At Springfield, 1st Tues. in Jan., Feb., March, April, June, July and Nov., 4th Tues. in April, Aug. and Sept. At Westfield, 3d Tues. in

March, June, Sept. and Dec. At Monson, 2d Tues. in June. At Palmer, 2d Tues. in Sept.

**COUNTY OF BARNSTABLE.** — At Barnstable, 2d Tues. in Jan., Feb., March, Aug., Sept., and Dec., 3d Tues. in May and June. At Sandwich, 2d Tues. in Nov. At Falmouth, Wed. next after 2d Tues. in Nov. At Harwich, 3d Mon. in April, and last Mon. in Oct. At Brewster, Tues. next after 3d Mon. in April, and Tues. next after last Mon. in Oct. At Orleans, Wed. next after 3d Mon. in April, and Tues. next after last Mon. in Oct. At Truro, Thurs. next after 3d Mon. in April. At Wellfleet, Wed. next after last Mon. in Oct. At Provincetown, Fri. next after 3d Mon. in April, and Thurs. next after last Mon. in Oct. At Dennis, Thurs. after 2d Tues. in Oct.

**COUNTY OF PLYMOUTH.** — At the Probate Office, in Plymouth, 3d Mon. in Jan., Feb., and May, 2d Mon. in April and Aug., and 1st Mon. in Dec. At Scituate, 1st Tues. in June, last Tues. in Nov. At Hingham, 1st Tues. in March, last Tues. in Aug. At East Bridgewater, 1st Tues. in April, July and Oct. At Bridgewater, last Tues. in Feb. At North Bridgewater, last Tues. in July. At Middleborough, 1st Tues. in May, Aug., and last Tues. in Oct. At Wareham, Wed. next after 1st Tues. in May, and Wed. next after 1st Tues. in Nov. At Abington, 2d Mon. in Jan. At Hanover, last Mon. in Sept.

**COUNTY OF BRISTOL.** — At Taunton, 1st Tues. in Jan., 1st Tues. in March, 1st Tues. in June, and Fri. next after 1st Tues. in Nov. At New Bedford, 1st Tues. in Feb., Fri. after 1st Tues. in May, last Tues. in Aug. and 1st Tues. in Dec. At Freetown, 1st Tues. in Jan. At Rehoboth, Fri. after 1st Tues. in Sept. At Pawtucket, 1st Tues. in April. At Dighton, Fri. next after 1st Tues. in Oct. At Norton, 1st Tues. in July. At Westport, 1st Tues. in Aug. At Seekonk, 1st Tues. in Sept. At Fall River, Fri. after 1st Tues. in April, Fri. after 1st Tues. in July, and 1st Tues. in Oct. At Attleborough, 1st Tues. in May.

**COUNTY OF BERKSHIRE.** — At Lenox, 1st Tues. in Jan., Feb., Mar., April, May, June, Sept., Oct. and Dec., 3d Tues. in July, and 2d Tues. in Nov. At G. Barrington, Wed. next after 1st Tues. in Feb. and May, Wed. after 3d Tues. in July, and Wed. after 2d Tues. in Nov. At Lanesborough, 2d Tues. in Jan. and Oct., 4th Tues. in April, and 4th Tues. in July. At Adams, Wed. next after 2d Tues. in Jan. and Oct., and Wed. next after 4th Tues. in April and July.

**DUKE'S COUNTY.** — At West Tisbury, 3d Mon. in Oct. At Holmes' Hole, 3d Mon. in April. At Edgartown, 3d Mon. in Jan. and July, and 1st Mon. in June and Dec. At Tisbury, 1st Mon. in March and Sept.

**COUNTY OF NANTUCKET.** — At Nantucket, 1st Tues. in every month.

(Corrected 1859.)

## WHAT NEW ENGLAND HAS DONE FOR HER AGRICULTURE.

BY CHARLES L. FLINT, SECRETARY OF MASS. STATE BOARD OF AGRICULTURE.

The development of the agricultural resources of the New England States is of comparatively recent date. In the early settlement of Maine and New Hampshire farming was by no means so prominent an object of pursuit as it has since become. The first settlers were lumbermen, fishermen and traders, and their energies were devoted to the cutting of timber and its transportation to the coast, and thence to the older settlements of the country and to foreign ports. The clearing and culture of the soil was effected chiefly with the object of furnishing the requisite supplies for those engaged in other pursuits. Legislative and associated action for the promotion of improvements in the modes of culture naturally follow at a later period; and hence we find that every civilized state has sought to advance its agricultural interests only after the foundations of the social system are laid, and men feel the need of a higher social and physical culture.

### MAINE.

It was not till the year 1832 that the Legislature of Maine took any steps for the encouragement of agricultural societies, and then an act was passed authorizing the State Treasurer to pay to any agricultural or horticultural society, which shall apply for it, a sum equal to that which such society had raised by subscription or otherwise, to the extent of three hundred dollars a year to each society so applying. Previous to this date, that is in 1807, the "Kennebec Agricultural Society" was incorporated by the Legislature of Massachusetts, having been instituted, in 1787, by some individuals on the Kennebec river, of whom the Messrs. Benjamin and Charles Vaughan seem to have been the leading spirits. Through their influence and the enterprise which they diffused, the "Maine Agricultural Society" was incorporated in 1818, and held the first exhibition in Maine in 1820, the only funds at command being the entry fees of members. A second exhibition the next year exhausted the funds, and its active operations were suspended for some years. The efforts required to procure the legislation of 1832 awakened more general interest in the subject, and the incorporation of county agricultural societies rapidly multiplied. In 1852 a Board of Agriculture was established, but no means were placed at its control. This organization existed till 1855, when an act was passed incorporating a State Agricultural Society, with an executive committee, exercising the functions of a Board of Agriculture, till, in 1856, the Board was reorganized under a more satisfactory law, and now eight thousand copies of the Report of the Secretary of the Board are printed by the State for distribution. The act reestablishing the Board was so amended in 1857 as to place that body on a basis of permanent usefulness. The talented and efficient Secretary, Mr. S. L. Goodale, has already won a wide and deserved reputation by his instructive and admirable reports.

### NEW HAMPSHIRE

Early encouraged county agricultural societies, and in 1814 the Rockingham County Society was incorporated, and soon after, in 1817, the Cheshire, which held the first cattle show of New Hampshire in Charlestown, on the 7th October, 1818. Strafford, Hillsboro' and Grafton counties soon followed, and in 1821 the Board of Agriculture was established, and the bounty of the State to the societies above named amounted to \$800. The evils of vacillating legislation were apparent in 1822, when the whole appropriation was refused, except the sum of \$250 to enable the Board of Agriculture to finish the publication of its report. The societies languished and died. The act establishing the Board of Agriculture was repealed in 1823. The present State Society was incorporated in 1849, and thus far, though suffering from uncertain legislation to some extent, it has maintained its vitality to the present time, and the State now publishes the Reports of the society as a public document.

### VERMONT

has established a State Agricultural Society, but has published no report from which a knowledge of its operations, or the efficiency of its county societies, can be gathered. This is much to be lamented.

### CONNECTICUT.

The activity and practical ability of Henry A. Dyer, the energetic Secretary of the Connecticut State Agricultural Society, and the invaluable investigations of Prof. S. W. Johnson, the chemist of that society, ought to secure for it the liberal encouragement of the State government, and the cordial coöperation of every farmer. Incorporated in 1852, this society has held several fairs, which have excited wide competition and awakened great interest among the farming population; but the appropriations to the society come with a stinted hand, and limit its influence and its energy. The county societies of this State are, for the most part, in a flourishing condition.

### RHODE ISLAND

extends its aid incidentally to agriculture through its society for the Encouragement of Domestic Industry, agriculture being one of its many branches.

### MASSACHUSETTS

has uniformly adopted a liberal policy towards this great interest, and its legisla-

tion has presented but little vacillation. The Massachusetts Society for Promoting Agriculture, incorporated in 1792, still lives, and can point to a record seldom equalled for usefulness or efficiency. Its present active Secretary, Richard S. Fay, Esq., has done much to awaken new interest in its past history and in its later operations. The chief object of the society has been to introduce new and improved breeds of stock, and to spread them over the State by means of sales, thus bringing them within the reach of the farmers. In this way it has done more than any other society in the country, and has exerted a very marked influence on the improvement of the stock of New England. The incorporation of county societies followed a few years later, and the bounty of the State, amounting to two hundred dollars on a thousand which each society should raise and invest as a permanent fund, was granted as early as 1816. The aggregate amount to each society now reaches \$600 a year. The county societies number twenty-three, and the State bounty exceeds twelve thousand dollars a year. The Massachusetts Horticultural Society, incorporated some years since, though not receiving the bounty of the State, has done more, probably, to awaken interest in the cultivation of fruits, and in horticulture, including landscape gardening, than any other similar association in the country. A Board of Agriculture was organized as a department of the government in 1852, with a supervisory power over the county societies, and each society receiving the State bounty is required by law to make its returns to the Board in a manner prescribed by the latter. Ten thousand copies of the Report of the Board of Agriculture are published by the State for distribution among the farmers. The Board has collected one of the largest and best selected Agricultural Libraries in the country, and is engaged in forming a State Cabinet illustrating every department of the natural history of the Commonwealth. The interest already awakened in the State collection led to the application to the Legislature of 1859, and the appropriation of \$100,000 by that body, for the establishment of a Museum of Comparative Zoölogy, at Cambridge, the benefits of which will be felt through all coming time.

#### IMPORTANT AID TO THE STUDY OF NATURAL HISTORY.

THE MUSEUM OF COMPARATIVE ZOÖLOGY, incorporated by the Legislature of Massachusetts in 1859, has been organized. The Museum is to be located at Cambridge, upon land appropriated therefor by the corporation of Harvard College, and to contain, with other valuable collections, that made by Professor Louis Agassiz, and to be under his care.

A meeting of the trustees of the Museum of Comparative Zoölogy, incorporated by chap. 208 of the acts passed at the last session of the Legislature, was held in the Council Chamber, April 30th, 1859. Twelve of the fifteen gentlemen named in the act were present. His Excellency Governor Banks, being the person first named, called the meeting to order, and Wm. Gray, Esq., was chosen secretary pro tem.

A code of by-laws was adopted, under which Gov. Banks was appointed President of the corporation, *ex officio*. Wm. Gray, Esq., was chosen secretary, and Samuel G. Ward, Esq., treasurer. Committees were chosen to carry out the plans of the corporation. The by-laws prescribe that the annual meeting shall be held on the last Monday in January.

The committee to solicit subscriptions made a report, showing that the sum of \$70,000 has been obtained. This, with the \$50,000 contributed by Wm. Gray, Esq. (executor of the estate of F. C. Gray, Esq.), exceeds the amount (\$100,000) which the act granting State aid to the amount of \$100,000 from the proceeds of the Back Bay lands, requires to be raised by private subscription.

Subsequent to the above meeting, we learn, from the *Boston Advertiser*, "that a committee, consisting of Gov. Banks, Chief Justice Shaw, Hon. G. S. Boutwell, and Wm. Gray, Esq., in connection with the corporation of Harvard College, drew up articles of agreement, calculated to consolidate and harmonize the various interests engaged in the organization of this Museum." June 14, 1859, the ground was broken for the foundation of the Museum building.

#### EDUCATION IN MASSACHUSETTS.

THE twenty-second annual report of the Board of Education was published early in 1859. In this report, as remarked by the *Boston Traveller*, the valuable services of the State Normal Schools, in providing superior teachers for the schools of the State, are fully set forth. These institutions have now four hundred and nine pupils. The various Teachers' Institutes of the State number 1545 members. The money raised for schools in 1857-8, was \$1,341,252.03, an increase of \$57,524.28 on the previous year. The number of public schools in 1857-8 was 4,421, an increase of 61 from the year 1856-7. The number of scholars attending the public schools in summer, in 1858, was 199,792, or 3,911 more than in 1857, being an increase of four per cent.; number attending in winter, 118,193, or 15,167 more than in 1857; number of children in the State between the ages of 5 and 15 years, in 1858, 223,304, an increase of 1,826. The amount raised by tax for each scholar was 21 cents more than in 1857.

## AGRICULTURE, HORTICULTURE, AND OTHER USEFUL MATTERS.

### AGRICULTURE OF MASSACHUSETTS.

WE are indebted to Charles L. Flint, Esq., for his Sixth Annual Report as Secretary of the Massachusetts Board of Agriculture, with the Reports of Committees appointed to visit the County Societies, which, with the Appendix, constitute a volume of about 630 pages, 8vo.

This Report embraces an account of the doings of the board at the State Farm, before their surrender of the care of the place, in 1859, with details of various operations, among others, experiments with different manures upon various kinds of crops, the positive results of which are given, and are very valuable. In laying out work for the year 1859, a committee recommended a division of subjects interesting to the farmer, among their number; "each committee having assigned for its consideration a particular subject which it may be thought best to investigate." The recommendation was adopted, and the various subjects were divided among the members, and they have issued circulars to individuals in different parts of the State, the replies to which, we doubt not, will embody a large amount of information new and valuable to all interested in agriculture.

Reports upon different topics, by committees of the board, are made, and appear in the work.

The committee appointed to investigate the subject of the potato-rot, recommend every farmer, at the proper season of the year, to save some of the balls of the potato, and plant the seeds in a suitable soil, throwing aside such as, upon ripening, show marks of disease, and planting, from year to year, only such as grow vigorously and appear healthy.

The article upon corn and the corn-crop, by the secretary, will be read with interest, and embodies a large amount of valuable information.

A catalogue is given of the State Agricultural Museum, showing that a collection has been made, of great value and importance, of birds, animals, rocks, minerals, fossils, insects, &c., peculiar to the State, and more extensive than we should have supposed could have been collected during the short time that the Museum has been established.

We wish our limits permitted a more extended notice of the doings of the board, who are patriotically devoting themselves to forwarding the interests of agriculture in our State, and liberally giving their time and their practical knowledge to this important cause. And we wish, too, that we could give some extracts from the excellent addresses delivered before the Agricultural Societies, one of which, by Ex-Gov. Washburn, upon "Taste and Common Sense in Farming," abounds with suggestions which farmers appreciating these qualities would admit the truth of, and be glad to read.

We repeat the wish heretofore expressed, that these Reports may be in every town library, and read by every farmer in our State; for the diffusion of the information contained in them must do great good.

### \* MASSACHUSETTS SOCIETY FOR PROMOTING AGRICULTURE.

WE have received the published Transactions of this Society, during the year 1858, which is prefaced by an abstract of the Records of the Society from its formation in 1792, prepared by its Secretary, Richard S. Fay, Esq., showing what the society has been doing from that time to the time of publication of this volume. We can say, in the language of the *Boston Journal*, "The record is a noble one, and shows that no efforts have been spared to improve the modes of agriculture in this Commonwealth. Very liberal premiums have been offered, from the first, for superior specimens of farm stock, skilful culture, agricultural machines, &c., and large sums have been expended in importing foreign farm-stock of high repute, and in assisting County Agricultural Societies." The volume comprises a number of premium Essays, of much interest to farmers.

### MASSACHUSETTS HORTICULTURAL SOCIETY.

IN March, 1859, the report upon the Habits of the Robin was presented to this Society, which, in January, 1858, appointed a committee to investigate the subject. This investigation one of their number has been making, from month to month, since the appointment. It seems this bird is one of the friends of the gardener and farmer, whose services cannot well be dispensed with, for an examination of the crops of robins discloses the fact that these birds eat the larvæ of the "*Bibio albipennis*," which, the report says, are very pernicious in gardens, feeding upon the roots of plants which wither and die. Gardeners have found these larvæ mischievous in their strawberry-beds, vine-borders, flower-pots, ranunculus-beds, &c. The robin finds these worms, which are deposited near together, and repairs to the spot daily, glutting himself with them until the colony is destroyed. Caterpillars and beetles, the last the parents of the well-known wire-worm, were found to have been eaten by the robin in June. — If, therefore, the robin asks for a few of the tempting fruits which he has helped to save for us, better give them to him, than to destroy him and keep the worms and bugs in our gardens.

### FARMING IN MASSACHUSETTS. — SOILING OF CATTLE.

THE Hon. Josiah Quincy, who has actively devoted a great portion of his long and useful life to important public interests, and whose experience in farming entitles his opinions thereon to careful consideration, in the prefatory note to a recently published essay upon Soiling of Cattle, says: "If Massachusetts means to retain her population at home, and preserve somewhat of the proportion of weight she possesses in our Union, she must study, act upon, and encourage, the productive power of land, and inculcate on her agricultural class that the true interests, both of the State and individuals, are best promoted by cultivating small tracts of land to the utmost productive power of the soil. By a mistaken notion that a considerable extent of land is requisite to enable a farmer to keep many head of cattle, a most wasteful proportion of it is retained for the sole purpose of pasturage, and thus, compared with its inherent productive power, made useless. If only the interest of the market value of such comparatively useless tracts was applied to the cost of labor for highly cultivating small portions of land, and that which is now kept for pasture permitted only to grow up for wood, the profit to the State and individual would be in an important degree increased."

In another part of the work the author says: "The great secret of European success in agriculture is stated to be much labor on comparatively little land."

As to soiling or stall-feeding of cattle, Mr. Quincy remarks: "There are six distinct advantages which those who advocate soiling propose to themselves by the practice, and on which they establish the preference of this mode to the common one of pasturing cattle during the summer. 1st. The saving of land. 2d. Saving of fencing. 3d. Economizing of food. 4th. Contributing to the better condition and greater comfort of the cattle. 5th. The greater product of milk. 6th. The attainment of manure." These several points are enlarged upon in the treatise, and are well worthy the attention of those engaged in farming.

### THE POTATO ROT.

Mr. Robert French, of East Haverhill, N. H., states that potatoes grown from seed that has been soaked one hour in blue vitriol water, will not rot. His receipt is "one-fourth of a pound of blue vitriol dissolved in three parts of water; cut the potatoes and soak them in the solution one hour, and then plant them. They will germinate readily, and their vines will not blast, nor their tubers rot." Try it in a small way.

### POTATO CULTURE.

At a meeting of the Farmers' Club, at New York, there was a long discussion on the best mode of planting potatoes, and, as usual, there were diverse opinions on the subject. Several contended in favor of the best tubers for seed in this as in all other vegetable productions. Professor Mapes said the British troops stationed at St. Helena were employed in experimenting upon the growth of potatoes, and Gen. Beatson, the commander, reported that "the largest potato, planted entire, cultivated flat, and at the depth of six inches, yielded the best results."

### SETTING FIRE TO BUILDINGS.

THE *Boston Transcript*, in a well-written article from a reliable writer, remarks in regard to this crime, which seems to be increasing among us, and which is as dastardly as it is criminal, "A popular impression prevails, to some extent, that, in this Commonwealth, the highest penalty, under the existing law of arson, can be inflicted only in cases where occupied dwelling-houses are primarily set on fire; and the incendiary indulges a feeling of comparative security while he applies the torch to a barn or other outbuilding. The law cannot be too generally known that the crime is one and the same, whether the dwelling-house be set on fire in the first instance, or by sparks or flame from the barn or outbuilding so ignited by the incendiary. The clearest evidence that he did not intend to burn the dwelling-house will avail him nothing."

### WHAT THE AMERICAN CHILDREN EAT.

A CORRESPONDENT of the *Poughkeepsie Daily Democrat* states that "while visiting a school in Montreal, he asked the teacher if there were any American children there. She said there were, and she could tell them by their pale faces, bright eyes and nervousness. They learned quicker, but lost so many days during the term from sickness, that they did not get along so fast as those who were able to be present constantly. He also took occasion to examine their luncheon-baskets, and found the American fare to be a piece of mince-pie, the same of pound-cake, two dough-nuts, a pickle, and a cold sausage; while the English, Irish, and Scotch children had either two days' old bread, with meat, or bread and butter, or bread and apple with nothing else."

### PROSPERITY.

"We care not what a man's pursuit may be, he will prosper if he sticks to it. Fortune, to be won, must be besieged. But he who runs about the world in chase of the fickle jade, will find that, *ignis fatuus* like, she always eludes his grasp. 'A rolling-stone,' the proverb says, 'gathers no moss.' Men who seek gold-fields on the other side of the globe, when industry, thrift and energy, are certain to yield success at home, resemble the old woman who wasted the day in looking for her spectacles, which, all the time, were perched upon her nose. Those who despair of prosperity at home, rarely mend matters by going away, unless they also mend their habits of business; and, in that event, fortune would smile on them if they stayed at home. If those who adventure in foreign gold-fields would submit to half the privation here, they would find that, instead of traversing oceans to get wealth, they could dig it at their own doors."

### THE GARDENS OF NEW ENGLAND.

THE farmer's garden is the introduction to a large volume, of which every acre is a page, bearing the marks of his character. Viewed in this light, the gardens of New England are full of hopeful and instructive reading to those who consult their chronicles. They show that science, taste, and successful industry, have been brought to bear upon agriculture. They mark the degree of mental culture and refinement to which the farmers of the country have attained. — *Elihu Burritt*.



## POETRY, ANECDOTES, &amp;c.

## FARMER'S WORK.

BY CHARLES SWAIN.

Take the spade of Perseverance ;  
 Dig the field of Progress wide ;  
 Every bar to true Instruction  
 Carry out and cast aside ;  
 Every stubborn weed of Error,  
 Every seed that hurts the soil, —  
 Tares, whose very growth is terror,  
 Dig them out, whate'er the toil !

Give the stream of Education  
 Broader channel, bolder force ;  
 Hurl the stones of Persecution  
 Out where'er they block its course ;  
 Seek for strength in Self-exertion ;  
 Work, and still have faith to wait ;  
 Close the crooked gate to fortune ;  
 Make the road to honor straight.

Men are agents for the future ;  
 As they work so ages win  
 Either Harvest of advancement,  
 Or the product of their sin.  
 Follow out true Cultivation,  
 Widen Education's plan,  
 From the majesty of Nature  
 Teach the majesty of MAN.

## COURTESY.

Courtesy is a distinctive feature of civilized and intelligent society. It is the most beautiful illustration of the refining power which a higher development of humanity always exerts upon our race. By courtesy we mean that behavior of man towards man which he would ask for himself. It is but another and instinctive mode on the part of intelligent society of carrying out this great Christian motto, which lies at the base of good order and harmony among men, "Do unto others as ye would that others should do unto you."

## THE MORTGAGE.

The house is high, and decorated round  
 With architecture's cunningest inventions ;  
 Within, arts hold harmonious contentions,  
 And luxury a temple there has found.  
 But o'er the roof and all the ample ground,  
 Noiseless, yet of the most malign intentions,  
 A viewless thing the master never mentions,  
 Though unto his sole vision it is bound,  
 Whether he wakes or sleeps, has settled firm ;  
 Henceforth to hang unbidden ever nigh,  
 Haunt all his hours close as the undying worm ;  
 And, when he feeds his guests, unceasingly  
 Before him stalk, unseen of others' eyes,  
 Threat'ning to drive him from his paradise.

## THE PUNCTUAL MAN.

A punctual man is very rarely a poor man, and never a man of doubtful credit. His small accounts are frequently settled, and he never meets with difficulty in raising money to pay large demands. Small debts neglected, ruin credit, and when a man has lost that, he will find himself at the bottom of a hill he cannot ascend.

## THE CULTIVATOR.

BY J. G. WHITTIER.

Give fools their gold and knaves their power,  
 Let fortune's bubbles rise and fall ;  
 Who sows a field, or trains a flower,  
 Or plants a tree, is more than all.

For he who blesses most is blest ;  
 And God and man shall own his worth,  
 Who toils to leave as his bequest  
 An added beauty to the earth.

And, soon or late, to all that sow,  
 The time of harvest shall be given,  
 The flower shall bloom, the fruit shall grow,  
 If not on earth, at last in heaven.

## BAD EDUCATION.

"Tom," said a horse-dealer to his son,  
 "I want you to ride this horse, and let us see his paces." — "Shall I ride him to buy or to sell?" asked the precocious lad.

## THE PRESS.

BY BOWRING.

— Mightiest of the mighty means,  
 On which the arm of Progress leans, —  
 Man's noblest mission to advance,  
 His woes assuage, his weal enhance,  
 His rights enforce, his wrongs redress, —  
 Mightiest of the mighty is the Press !

## LITTLE THINGS.

Springs are little things, but they are the sources of large streams ; a helm is a little thing, but mark how evenly it governs the course of the largest ship that ever floated the waters ; pegs and nails are little things, but they hold together the large parts of the largest buildings ; that memento sent to us by a friend is a little thing, and cost perhaps but little of this world's wealth, for it is of the simplest kind, and yet it expresses the universe, for it is a thought of love, clothed in a form of beauty ; an angry word, a jealous thought, a frown — all these are little things, but powerful for evil, and are helping to build penitentiaries and prisons, and to fill them with those who merely have carried the same passions and feelings further than we have. Mind the little things.

## IMAGINARY EVILS.

BY CHARLES SWAIN.

Let to-morrow take care of to-morrow, —  
 Leave things of the future to fate ;  
 What 's the use to anticipate sorrow ?  
 Life's troubles come never too late.

If to hope over-much be an error,  
 'T is one that the wise have preferred ;  
 And how often have hearts been in terror  
 Of evils that never occurred !

Half our troubles are half our invention ;  
 And often from blessings conferred  
 Have we shrunk in wild apprehension  
 Of evils that never occurred.

## THE EAGER AND THE CAUTIOUS.

BY WAYLAND.

The too eager, governed by their imagination, rush into needless danger. The too cautious allow a fair prospect of advantage to pass by unimproved. The one is as hable to fail as the other. He who, by the practice of benevolence, has learned a more accurate estimate of the blessings of wealth will more probably than either judge correctly. The miser and sensualist will fall into opposite extremes, one upon each side of him.

## EARLY MEMORIES.

BY O. W. HOLMES.

Too often the light that led our earlier hours  
 Fades with the perfume of our cradle flowers ;  
 The clear, cold question chills to frozen doubt ;  
 Tired of beliefs, we dread to live without ;  
 O then, if Reason waver at thy side,  
 Let humbler Memory be thy gentle guide ;  
 Go to thy birthplace, and if faith was there,  
 Repeat thy father's creed, thy mother's prayer !

## ACTIONS.

Actions speak more forcibly than words ;  
 they are the test of character. Like fruit upon the tree, they show the nature of the man ; while motives, like the sap, are hidden from our view.

## CHARITY.

BY J. R. LOWELL.

O, rich man's son ! there is a toil  
 That with all others level stands ;  
 Large charity doth never soil,  
 But only whitens soft white hands ; —  
 This is the best crop for thy lands ;  
 A heritage, it seems to me,  
 Worth being rich to hold in fee.

## IS IT RIGHT?

There are some very subtle distinctions made in life, some curious and rather wavying lines drawn between questions of right and wrong and expediency and good taste. There are also very few who are really willing to test life and actions by the simple question with which we set out — Is it right? — “ I don't know as it is best ; but I do it.” — “ I know it is rather imprudent ; but then I must.” — “ I knew it was not exactly best ; but still I ventured.” So there is some hesitation and doubt, yet they venture on doubtful ground, when the whole would have been settled clearly by an honest answer to the simple question — Is it right? And, having settled the question as to the right of the matter, ask yourself, before you act, if it is expedient, then, if it is in good taste.

## INGRATITUDE.

SHAKESPEARE.

Blow, blow, thou winter wind ;  
 Thou art not so unkind  
 As man's ingratitude.  
 Thy tooth is not so keen,  
 Because thou art not seen,  
 Although thy breath be rude.  
 Freeze, freeze, thou bitter sky ;  
 Thou dost not bite so nigh  
 As benefits forgot.  
 Though thou the waters warp,  
 Thy tooth is not so sharp  
 As frown remembered not.

## STOP THAT BOY !

FROM THE NORTH ALABAMIAN.

A cigar in his mouth, a swagger in his walk, impudence in his face, a care-for-nothingness in his manner. Judging from his demeanor he is older than his father, wiser than his teacher. Stop him ; he is too fast ! He don't know his speed ; stop him ere tobacco shatters his nerves, ere whiskey makes a beast of him, ere his passions ruin his character, ere the “ lounge masters the man,” ere good ambition and manly strength give way to low pursuits and brutish aims. Stop all such boys ! They are the shame of their families, the disgrace of their towns, the sad and solemn reproach of themselves.

## JUSTICE! — RESOLUTION !

BY JAMES BUCHANAN.

Whilst demanding justice we ought to do justice.  
 How soon difficulties disappear before a firm and determined resolution !

## A POLITE REPLY.

“ What a pity it is,” said a lady to Garrick, “ that you are not taller ! ” — “ I should be happy, indeed, madam,” replied Garrick, “ to be higher in your estimation.”

## MORAL COSMETICS.

You who would save your features florid,  
Lithe limbs, bright eyes, unwrinkled forehead,

From age's devastation horrid,  
Adopt this plan;

'T will make, in climate cold or torrid,  
A hale old man.

Avoid in youth, luxurious diet,  
Restrain the passions' lawless riot;  
Devoted to domestic quiet,

Be wisely gay.

So shall ye, spite of age's fiat,  
Resist decay.

Seek not in Mammon's worship pleasure,  
But find your richest, dearest treasure,  
In books, friends, music, polished leisure;  
The mind, not sense,  
Made the sole scale by which ye measure  
Your opulence.

This is the solace, this the science,  
Life's purest, sweetest, best appliance,  
That disappoints not man's reliance,  
Whate'er his state;

But challenges, with calm defiance,  
Time, fortune, fate.

## THIS TOO SHALL PASS AWAY.

*From the Boston Transcript.*

Many of our readers probably remember the reply of the philosopher to the monarch, who desired some sentence, easily remembered, that would always alleviate the pressure of calamity, and check the exuberance of prosperity. "This too shall pass away," was the chosen motto.

## THE HEAD AND HEART.

BY JOHN G. SAXE.

The Head is stately, calm, and wise,  
And bears a princely part;  
And down below in secret lies  
The warm, impulsive Heart.

\* \* \* \* \*  
The Head erect, serene, and cool,  
Endowed with reason's art,  
Was set aloft to guide and rule  
The throbbing, wayward Heart.

\* \* \* \* \*  
Yet each is best when both unite  
To make the man complete —  
What were the heat without the light?  
The light without the heat?

## WELL-BRED PEOPLE.

Among well-bred people a mutual deference is affected; authority concealed; attention given to each in his turn; and an easy stream of conversation maintained, without vehemence, without interruption, without eagerness for victory, and without any airs of superiority.

## ANSWER TO PROBLEM X. X.

$$396 \times 45 = 17820.$$

## ANSWER TO PROBLEM Y. Y.

1802, 1813, 1819, 1830, 1841, 1847, 1858,  
1869, 1875, 1886, 1897.

## ANSWER TO PROBLEM Z. Z.

22.24 Rods.

## ANSWER TO PROBLEM A.

36½ Days.

## ANSWER TO PROBLEM B.

27 and 3.

## ANSWERS TO CONUNDRUMS IN ALMANAC FOR 1859.

1. Both want ten minutes often. 2. He makes his victim stand and deliver. 3. They are untol(le)d. 4. Both have been covered with g(u)ilt. 5. Always a railing. 6. You make a far-thing present. 7. They are a quart-ette (eat). 8. Wel fare and fare well. 9. It is a step-fa(r)ther.

## PROBLEM C.

The difference between the sum of the squares and the square of the sum of two numbers, is 286. What are those two numbers?

E. A., of M—d.

## PROBLEM D.

At a school there were fifteen young ladies. The teacher desired them to walk every day, for their health, and it was so arranged that they should always go three together, yet no two together but once a week (of 7 days); how was this arranged? For convenience give answer in figures in place of names.

## PROBLEM E.

A man wished to pay the sum of sixty dollars, with dollars, halves, quarters, and eighths, of each an equal number. How many coins of each kind would he require?

## PROBLEM F.

What two numbers are those whose sum is 806 and whose difference is 124?

E. S., of B—n.

## RIDDLES.

1. Dean Swift often speaks of a queen whose name  
Read backward or forward is always the same.
2. And of female recluses we know that the name  
Read backward or forward is always the same.
3. When you speak to a lady, you 'll find that the name  
Read backward or forward is always the same.
4. You may travel abroad in a carriage whose name  
Read backward or forward is always the same.
5. You may pass over a flat piece of ground whose name  
Read backward or forward is always the same.
6. Where the lamb trots about by a creature whose name  
Read backward or forward is always the same.

## INSECTS INJURIOUS OR BENEFICIAL TO THE FARMER OR GARDENER.

BY F. G. SANBORN.

## INJURIOUS INSECTS.

**CUT WORMS, CATERPILLARS OF DIFFERENT SPECIES OF AGROTIS,** destroy our succulent vegetables, by cutting off their tender stalks close to the ground. Their ravages may be checked by making holes with a stick or crowbar about the plants, into which the worms will fall, and may be killed. Some of the Ground-Beetles, *Carabidæ*, and certain species of Ichneumon-flies, devour great numbers of them.

**THE APPLE-TREE CATERPILLAR, *Clisiocampa Americana*,** is the scourge of all fruit-lovers in New England. Its habits and ravages are too well known to require mention here. The best method of removing them is to crush all in the nests as soon as they make their appearance, as well as the cocoons, which may be found in June and July, on fences and buildings in the vicinity.

**THE CANKER-WORM, *Anisopteryx vernata*,** appears in the moth form, during all the winter and spring months; and the female (which has no wings) lays her eggs on the bark of various fruit and shade trees, whose foliage the caterpillar, as soon as hatched, commences to devour. One of the best preventives is a girdle of tar or melted rubber spread on paper or cloth, and tied about the foot of the tree.

**THE CODLING MOTTH, *Carpocapsa pomonana*.**—Apples are often attacked by small, whitish worms, boring holes through the unripe fruit, and causing "windfalls" and "worm-eaten apples." Pick up every one for the pigs, and tie old cloths about the crotches of the limbs, in which the worms will take refuge and may be killed.

**THE PLUM WEEVIL OR CURCULIO, *Conotrachelus nenuphar*,** is productive of great loss among stone-fruit. Collect and burn the bitten plums; jar the insects from the trees into sheets, and empty them into boiling water, and, above all, call in the aid of the birds. Keep coops of chickens under the trees through the summer, and encourage our native songsters to build in our orchards and gardens, especially the robin, in whose crop I have found numbers of the Curculio and other noxious insects. And here allow me to speak a good word for toads and bats, who are continually at work in the night, putting down these hosts of hurtful insects.

**THE APPLE-TREE BORER, *Saperda bivittata*,** is sometimes prevented from laying its eggs on the tree, by the use of soft-soap, as recommended in last year's Almanac; but, when this fails, as it sometimes will, the chisel and hammer must be applied, by which the grub may be cut out without injury to the tree, which immediately takes a vigorous start, and flourishes thenceforth.

**THE CUCUMBER-BUG, OR STRIPED BUG, *Galeruca vittata*,** is a small beetle, which spoils the cucumber, squash and melon vines, early in the spring and summer. Sprinkling the plants with plaster, snuff, red pepper and charcoal-dust, have been recommended, and also covering the young plants with coarse millinet or lace.

**THE SQUASH-BUG, *Coreus tristis*,** causes the leaves of the squash-vine to curl up and blacken, by sucking the sap from their under surface, where they may be found in clusters in the morning, and killed. Lay shingles on the ground about the vines, and, when examined in the morning, the bugs will be seen collected on the under side, when two shingles may be brought together, and the insects crushed.

**THE ONION-FLY, *Anthomyia ceparum*,** is now injuring that crop to a great extent. It is a grayish fly, somewhat resembling, but smaller than our common house-fly. The maggot, or larva, pierces to the centre of the onion, and kills it. Soot has been recommended, and highly approved, when sown in the drills. Turpentine can be applied in various forms, and will kill anything of the fly species. *Moths* of any description may always safely be destroyed, for they are the progenitors of many pests.

## BENEFICIAL INSECTS. -

Many insects are true friends of the cultivator, in exterminating their noxious kindred.

**THE TIGER-BEETLES, *Cicindelidæ*** may be seen in sandy roads, in pursuit of worms, beetles, &c., with that remarkable activity for which their form seems especially adapted. They can be distinguished by their ferocious jaws and projecting eyes.

**THE ICHNEUMON-FLIES (order *Hymenoptera*),** lay their eggs in living caterpillars; these hatch into small maggots, which feed upon the rich flesh and juices of the suffering animal, and cause its death.

**THE DRAGON-FLIES, *Neuroptera*,** hover about pools of water, catching and devouring on the wing innumerable moths and butterflies, while the LACE-WINGED FLIES, *Hemerobiidæ* are of incalculable benefit in destroying the well-known Plant-Lice, *Aphididæ*, which overrun the tender shoots of apple-trees, rose-bushes, and, in fine, almost every plant in the calendar. Among their enemies we find, also, the "LADY BIRDS," *Coccinellidæ*, and the larvae of *Syrphidæ*, all of which should be carefully protected and cherished.

It is impossible, with our limits, to do justice to this important subject; and we are glad to be able to announce that the Legislature of Mass., in answer to the petitions of influential societies and individuals, in 1859, provided for the publication, under the supervision of the Secretary of the State Board of Agriculture, of that excellent book, Harris's Treatise upon Insects of New England Injurious to Vegetation. The work is to be illustrated by engravings, and will probably be published during the year 1860, and should be in the hands of every farmer and gardener.

## TIDE TABLE.

The tides given in the Calendar pages are for the Port of Boston.

The following table contains the difference between the time of high water at Boston and several other places.

When the sign — is prefixed to the hours and minutes, in the table, the time must be subtracted from the Boston time; and when the sign + is prefixed, the time must be added to the Boston time.

	<i>h. m.</i>		<i>h. m.</i>		<i>h. m.</i>
Albany,	+ 4 12	Charleston,	— 4 15	New London,	— 2 36
Bay, Buzzard's,	— 3 50	Fryingpan Shoals,	— 5 00	Newport,	— 3 50
" Narraganset,	— 3 53	Georgetown Bar,	— 4 30	Norfolk,	— 3 00
" St. Mary's,	— 2 00	Harbor, Anselia,	— 3 00	Philadelphia,	+ 2 57
Bermuda Inlet,	— 4 30	Island, Block,	— 3 53	Plymouth,	0 00
Cape Ann,	0 00	" Pr. Edward,	— 1 00	Portland,	— 0 45
" Charles,	— 3 45	" Rhode,	— 4 45	Port Campbell,	— 2 30
" Cod,	0 00	Marblehead,	0 00	Port Jackson,	— 3 30
" Fear,	— 3 30	New Bedford,	— 3 53	Providence,	— 3 5
" Henry,	— 3 50	Newburyport,	— 0 15	St. Salvador,	+ 4 15
" St. Mary,	— 2 30	New Haven,	— 1 14	Sandy Hook,	— 4 53

**THE BANKS OF THE UNITED STATES.** — A report made by the Secretary of the Treasury at Washington, gives statistics of Banks, comprising, pretty much, all of those in the United States.

The number of banks in 1857 was 1416; in 1858, 1422; in 1859, 1476.

The whole capital is 401,000,000 in 1859, against 370,000,000 in 1857.

The specie is 104,000,000 in 1859, against 58,000,000 in 1857.

The loans and discounts in 1859 are 655,000,000, against 684,000,000 in 1857.

The circulation is 193,000,000 in 1859, against 214,000,000 in 1857.

The capital in New York is represented at \$100,285,480; in Massachusetts, \$61,819,825; in Pennsylvania, \$24,565,805; in Louisiana, \$24,215,689, etc.

**AMERICAN GOLD.** — The gross product of gold from domestic sources in the U. S., from the commencement of operations to the 30th June, 1858,

Has been.....\$443,127,921 31

And the total coinage for the same period,.....651,639,069 78

A difference of.....\$208,511,148 47  
which therefore represents the coinage from foreign gold. The sources of the American gold which has been coined are as follows: —

California \$424,464,240.48. Georgia gold mines 6,708,910.21. N. Carolina 8,729,094.90. Virginia 1,510,400.50. S. Carolina 1,247,856.81. Alabama 191,855.92. Tennessee 84,880.49. Oregon 63,466. New Mexico 48,397. Other States 78,819. Total, \$443,127,921.31. — *Selected.*

**THE GREAT PROJECTS OF THE AGE.** — The New York Herald furnishes an elaborate article in relation to the great projects of the age, and concludes with this recapitulation: —

Pacific Railroad — the American line,.....	\$450,000,000	Tehuantepec Route,.....	10,000,000
Pacific Railroad — one British line,.....	150,000,000	Honduras Railroad,.....	7,000,000
Suez Ship Canal,.....	40,000,000	Central Mexico Railroad,.....	15,000,000
Nicaragua Ship Canal,.....	24,000,000	The Victoria Bridge over the St. Lawrence at Montreal,...	10,000,000
Niagara Falls Canal,.....	10,000,000	Alps Tunnel,.....	5,000,000
Lake Erie and Michigan Canal,.....	18,000,000	Hoosac Tunnel, Massachusetts,.....	2,000,000
Toronto and Georgian Bay Canal,.....	15,000,000	Bergen Tunnel, New Jersey,...	715,000
Lake Champlain and St. Lawrence Canal,.....	6,000,000	Atlantic Telegraph — second line,.....	2,500,000
Ohio Falls Canal,.....	5,000,000	Atlantic and Pacific Telegraph,.....	1,500,000
		Grand total,.....	\$771,715,000

**MANY FACTS IN SMALL COMPASS.** — The number of languages spoken is 4064. The number of men is about equal to the number of women. The average of human life is 33 years. One quarter die before the age of 7; one half before the age of 17. Of every 1000 persons 1 only reaches 100 years. Of every 100 only 6 reach 75 years; and not more than 1 in 500 will reach 80 years. There are on the earth 1,000,000,000 of inhabitants. Of these 33,333,333 die every year; 91,824 die every day; 7,780 every hour; and 60 per minute, or one every second. These losses are about balanced by an equal number of births. The married are longer-lived than the single; and, above all, those who observe a sober and industrious conduct. Women have more chances of life previous to the age of fifty years than men, but fewer after. The number of marriages are in proportion of seventy-six to one hundred. Marriages are most frequent during the months of June and December. — *Selected.*

## TABLE OF SIMPLE INTEREST, AT 6 PER CENT.,

*So arranged that the interest on any sum may be at once ascertained.*

Princi- pal.	1 Day.	1 Week.	1 Month.	1 Year.	Princi- pal.	1 Day.	1 Week.	1 Month.	1 Year.
	<i>D. c. m.</i>	<i>D. c. m.</i>	<i>D. c. m.</i>	<i>D. c. m.</i>		<i>D. c. m.</i>	<i>D. c. m.</i>	<i>D. c. m.</i>	<i>D. c. m.</i>
Cts. 20	0 0 0	0 0 0	0 0 0	1 0 1	Doll. 70	0 1 2	0 8 7	0 35 0	4 20
30	0 0 0	0 0 0	0 0 0	1 0 1	80	0 1 3	0 10 0	0 40 0	4 80
40	0 0 0	0 0 0	0 0 0	1 0 2	90	0 1 5	0 11 2	0 45 0	5 40
50	0 0 0	0 0 0	0 0 0	2 0 3	100	0 1 6	0 12 5	0 50 0	6 0
60	0 0 0	0 0 0	0 0 0	2 0 3	200	0 3 3	0 25 0	1 0 0	12 0
70	0 0 0	0 0 0	0 0 0	3 0 4	300	0 4 9	0 37 5	1 50 0	18 0
80	0 0 0	0 0 0	0 0 0	3 0 4	400	0 6 6	0 50 0	2 0 0	24 0
90	0 0 0	0 0 0	1 0 0	4 0 5	500	0 8 3	0 62 5	2 50 0	30 0
Dolls. 1	0 0 0	0 1 0	0 5 0	5 0 6	600	0 10 0	0 75 0	3 0 0	36 0
2	0 0 0	0 1 0	1 0 0	10 12 0	700	0 11 5	0 87 5	3 50 0	42 0
3	0 0 0	0 2 0	1 5 0	15 18 0	800	0 13 3	1 00 0	4 0 0	48 0
4	0 1 0	0 4 0	2 0 0	20 24 0	900	0 14 8	1 12 5	4 50 0	54 0
5	0 1 0	0 5 0	2 5 0	30 30 0	1000	0 16 4	1 25 0	5 0 0	60 0
6	0 1 0	0 6 0	3 0 0	36 0	2000	0 32 9	2 50 0	10 0 0	120 0
7	0 1 0	0 7 0	3 5 0	42 0	3000	0 49 3	3 75 0	15 0 0	180 0
8	0 1 0	0 9 0	4 0 0	48 0	4000	0 65 8	5 00 0	20 0 0	240 0
9	0 1 0	1 0 0	4 5 0	54 0	5000	0 82 2	6 25 0	25 0 0	300 0
10	0 2 0	1 1 0	5 0 0	60 0	6000	0 98 7	7 50 0	30 0 0	360 0
20	0 3 0	2 5 0	10 0	120 0	7000	1 15 1	8 75 0	35 0 0	420 0
30	0 5 0	3 7 0	15 0	180 0	8000	1 31 5	10 00 0	40 0 0	480 0
40	0 7 0	5 0 0	20 0	240 0	9000	1 48 0	11 25 0	45 0 0	540 0
50	0 8 0	6 2 0	25 0	300 0	10000	1 64 4	12 50 0	50 0 0	600 0
60	1 0 0	7 5 0	30 0	360 0	12000	1 97 3	15 00 0	60 0 0	720 0

Where the interest is at the rate of seven per cent. the year, add one sixth to the product, — of eight per cent., add two sixths, &c. Where at the rate of five per cent., deduct one sixth, — of four per cent., deduct two sixths, &c.

### *A Short and Easy Method of Casting Compound Interest, at 6 per cent.*

**RULE.** — Multiply the given sum, if,

For 2 years, by 1.1236

For 3 years, by 1.191016

For 4 years, by 1.262476

For 5 years, by 1.338225

For 6 years, by 1.418519

For 7 years, by 1.503650

For 8 years, by 1.593848

For 9 years, by 1.689478

For 10 years, by 1.790847

For 11 years, by 1.898298

**NOTE.** — This will give the amount of principal and compound interest for the given number of years. Subtract the principal from the amount, and it will show the compound interest. Any sum of money at compound interest, at six per cent. per year, will double itself in eleven years, ten months, and twenty-two days.

## POST-OFFICE REGULATIONS. (1859.)

**LETTERS.** — A letter not exceeding half an ounce, three cents, pre-paid, under 3000 miles; but over that distance, ten cents, pre-paid.

“A letter, when conveyed wholly or in part by sea to or from a foreign country, over 2500 miles, 20 cents; and under 2500, 10 cents, except all cases where the post-ages have been or shall be adjusted at different rates by postal treaty or convention.”

Drop letters, one cent. Advertised letters, one cent in addition to regular postage.

Valuable letters may be registered at the office, on payment of regular postage and five cents additional.

**NEWSPAPERS, PERIODICALS, UNSEALED CIRCULARS, &c.,** not over 3 oz., 1 cent each, to any part of the United States, or  $\frac{1}{2}$  cent, if paid quarterly or yearly in advance.

Newspapers, &c., not over one and a half oz., half the above rates, if sent within the state where published.

Newspapers, papers, and pamphlets, not over 16 pages, 8vo, in packages of not less than eight ounces to one address, one half cent an ounce; though, if separate pieces, the postage may be more.

All transient matter to be pre-paid, by stamps.

Books, bound or unbound, not over 4 pounds each, 1 cent an ounce under and 2 cents over 3000 miles; to be pre-paid.

Weekly newspapers free in the county of publication, when *transmitted* by mail.

**BILLS** and receipts for payments of money for newspapers may be enclosed in subscribers' papers.

Exchanges between newspaper publishers, for one copy from each office, free.

Newspapers, &c., to be so enclosed that the character can be determined without removing the wrapper; to have nothing written or printed on the paper or wrapper, beyond the direction, and to contain no enclosure other than the bills or receipts mentioned. — To these rules, we would add, always sign your name, and also direct all letters, &c., sent by mail, plainly and distinctly; and use the folded sheet, in preference to envelopes, as this saves separating the post-mark from the letter.

## POPULATION OF THE UNITED STATES AND TERRITORIES

In 1850, according to the Seventh Census. The States arranged in order, according to Free Population, — with the Square Miles of each State, — the number of Electors and Representatives of each State, — and Date of Admission to the Union.

Ratio of Representation, 93,702; adding one for fractions over one half, and allowing three votes for five slaves. For the Representatives of a State deduct two from the Electors, for Senators, each State being entitled to that number of the latter.

STATES.	Square miles.	Electors.	Date of Admission to Union.	White population.	Free colored population.	Total free.	Slaves.
New York,	46,055	35	Original	3,042,574	47,448	3,090,022	—
Pennsylvania,	44,000	27	Do.	2,258,480	53,201	2,311,681	—
Ohio,	39,964	23	1802	1,951,101	25,930	1,977,031	—
Massachusetts,	7,500	13	Original	985,498	8,773	994,271	—
Indiana,	33,809	13	1816	983,634	5,100	988,734	—
Virginia,	64,000	15	Original	894,149	53,906	948,055	473,026
Illinois,	56,405	11	1818	853,059	5,239	858,298	—
Kentucky,	40,500	12	1792	770,061	9,669	779,728	221,768
Tennessee,	45,322	12	1796	767,319	6,280	773,599	249,519
Missouri,	67,380	9	1821	592,176	2,667	594,843	89,289
Maine,	32,628	8	1820	581,920	1,312	583,232	—
North Carolina,	43,800	10	Original	552,477	27,271	580,458	288,412
Georgia,	62,000	10	Do.	513,083	2,586	515,669	362,966
New Jersey,	8,320	7	Do.	466,283	22,269	488,522	119
Maryland,	13,959	8	Do.	418,763	73,943	492,706	89,800
Alabama,	50,722	9	1819	426,515	2,250	428,765	342,894
Michigan,	56,243	6	1836	393,156	2,547	395,703	—
Connecticut,	4,764	6	Original	363,189	7,415	370,604	—
New Hampshire,	9,411	5	Do.	317,554	477	317,831	—
Vermont,	10,212	5	1791	312,756	710	313,466	—
Wisconsin,	53,924	5	1848	303,600	626	304,226	—
Mississippi,	47,151	7	1817	291,536	898	292,434	300,419
South Carolina,	28,200	8	Original	274,775	8,769	283,544	384,925
Louisiana,	46,431	6	1812	254,271	15,685	269,955	230,807
California,	188,981	4	1850	200,000	—	200,000	—
Iowa,	50,914	4	1845	191,830	292	192,122	—
Rhode Island,	1,340	4	Original	144,012	3,543	147,555	—
Arkansas,	52,193	4	1836	162,171	587	162,658	46,983
Texas,	223,000	4	1845	133,131	926	134,057	53,346
Delaware,	2,120	3	Original	71,282	17,958	89,239	2,289
Florida,	53,786	3	1845	47,120	926	48,046	39,341
*Oregon,	341,500	3	1859	20,000	—	20,000	—
*Minnesota,	83,000	4	1858	6,129	—	6,129	—
		303		19,544,014	409,200	19,953,214	3,175,902
Dist. of Columbia,	63			38,027	9,973	48,000	3,687
Territories,							
New Mexico,	210,744			61,632	—	61,632	—
Utah,	188,000			25,000	—	25,000	—
				19,668,736	419,173	20,087,909	3,179,589

\* Admitted to Union since Census of 1850.

TOTAL POPULATION, 23,267,498.

## POPULAR VOTE FOR PRESIDENT IN 1856.

(From the Tribune Almanac.)

STATES.	Rep. Fremont	Dem. Buchanan	Am. Fillmore.	STATES.	Rep. Fremont	Dem. Buchanan	Am. Fillmore.
Alabama.....		46,739	28,552	Mississippi...		35,446	24,195
Arkansas.....		21,910	10,787	Missouri.....		58,164	48,524
California.....	20,691	53,365	36,165	New Hampsh..	38,345	32,789	422
Connecticut....	42,715	34,995	2,614	New Jersey..	28,338	46,943	24,115
Delaware.....	308	8,004	6,175	New York....	276,004	195,878	124,604
Florida.....		6,358	4,833	North Carolina		48,246	36,886
Georgia.....		56,581	42,439	Ohio.....	187,497	170,874	28,121
Illinois.....	96,189	105,348	37,444	Pennsylvania..	147,963	230,772	82,202
Indiana.....	94,375	118,670	22,386	Rhode Island.	11,467	6,680	1,675
Iowa.....	43,954	36,170	9,180	South Carolina*			
Kentucky.....	314	74,642	67,416	Tennessee.....		73,636	66,117
Louisiana.....		22,164	20,709	Texas.....		31,169	15,639
Maine.....	67,179	39,080	3,325	Vermont.....	39,561	10,569	545
Maryland.....	281	39,115	47,460	Virginia.....	291	89,706	60,310
Massachusetts	108,190	39,240	19,626	Wisconsin....	66,090	52,843	580
Michigan.....	71,762	52,136	1,660	Total.....	1,341,514	1,858,292	874,707

\* The Presidential Electors of South Carolina are chosen by the Legislature.

TABLE

SHOWING THE MEAN HEAT OF EACH MONTH AND YEAR IN BOSTON, FOR TEN YEARS (nearly).

Year	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean of year.
1850	30.57	32.40	34.09	42.95	51.55	67.39	72.01	67.57	61.09	52.58	42.71	28.04	48.63
1851	28.21	32.10	37.72	45.87	56.29	65.27	71.01	69.17	62.44	54.16	37.16	24.24	48.64
1852	22.43	28.27	33.46	41.06	57.23	67.91	73.27	67.33	63.10	51.46	39.14	36.49	48.43
1853	28.06	30.57	36.96	45.43	57.91	67.51	71.60	69.15	63.83	51.31	42.14	28.93	49.45
1854	24.98	24.86	33.41	42.54	59.45	66.41	74.06	69.98	62.67	53.86	42.73	26.30	48.44
1855	30.14	21.74	33.76	44.28	54.97	66.50	73.25	68.67	63.20	53.25	41.55	32.44	48.65
1856	18.97	22.03	28.25	46.36	53.54	68.02	73.88	68.62	64.84	52.78	40.69	25.80	46.97
1857	16.78	34.11	33.38	42.46	55.20	64.29	71.62	69.64	63.04	51.32	42.46	34.40	48.23
1858	32.57	23.89	33.13	46.13	52.88	67.61	70.60	67.20	62.93	54.14	36.43	29.56	48.09
1859	27.82	29.50	39.02	43.26	57.28	64.35							

TABLE

SHOWING, IN INCHES, THE QUANTITY OF RAIN AND MELTED SNOW FALLING IN BOSTON FOR TEN YEARS (nearly).

Year	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total in year.
1850	4.59	2.52	5.32	4.82	6.63	2.77	2.70	5.30	7.15	2.10	3.32	6.76	53.98
1851	1.30	4.20	3.88	9.37	3.31	1.80	3.09	1.27	3.50	4.43	5.51	2.65	44.31
1852	4.85	2.85	4.45	10.18	1.95	2.35	3.28	7.63	1.65	2.19	3.47	3.09	47.94
1853	2.44	5.30	2.27	3.78	5.63	.30	3.64	9.40	3.80	3.92	4.43	3.95	48.86
1854	2.91	4.87	2.84	6.63	4.33	2.47	3.70	.58	3.86	2.08	6.80	4.64	45.71
1855	7.22	4.67	1.18	4.28	1.20	3.09	4.15	1.46	1.13	4.61	5.27	5.93	44.19
1856	5.32	.80	1.33	4.37	7.10	2.90	4.02	11.11	4.90	2.70	3.33	4.28	52.16
1857	5.36	2.45	3.09	10.83	5.57	2.02	5.53	7.18	2.56	4.50	2.52	5.26	56.87
1858	3.28	2.30	2.18	5.18	3.89	8.09	4.56	7.03	5.02	3.03	3.38	4.73	52.67
1859	5.93	4.05	7.64	3.36	3.63	7.89							

SNOW-STORMS FOR SIXTEEN YEARS, IN BOSTON.

From the Boston Evening Transcript.

To the Editor of the Transcript.—I herewith transmit to you my annual statement of the number of storms and quantity of snow that has fallen in Boston during the past season. The first snow-storm was on November 13th, 1858, and the succeeding ones were on November 15th, 23d, 28th and 30th; December 4th, 20th, 23d, 30th, and 31st; January 4th, 1859, 8th, 11th, 12th, 17th, and 25th; February 2d, 3d, 6th, 12th, 18th, and 26th; March 3d.

Total number of storms, 23; depth of snow, 4 feet  $\frac{1}{2}$  inch.

There were in—

Year.	No. Storms.	Depth Snow.	Year.	No. Storms.	Depth Snow.
1843-4.....	44.....	7 feet $7\frac{1}{2}$ inches.	1851-2.....	38.....	6 feet $8\frac{1}{2}$ inches.
1844-5.....	36.....	3 " "	1852-3.....	20.....	3 " "
1845-6.....	27.....	3 " 7 "	1853-4.....	24.....	7 " $1\frac{1}{2}$ "
1846-7.....	32.....	2 " 8 "	1854-5.....	35.....	3 " $7\frac{1}{2}$ "
1847-8.....	27.....	2 " 1 "	1855-6.....	23.....	4 " 5 "
1848-9.....	27.....	3 " 1 "	1856-7.....	32.....	6 " 2 "
1849-50.....	33.....	2 " 11 "	1857-8.....	14.....	2 " 11 "
1850-1.....	23.....	3 " 1 "	1858-9.....	23.....	4 " $0\frac{1}{2}$ "

Whole number of snow-storms in Boston the past sixteen years, 468; depth of snow during the same period, 66 feet  $5\frac{3}{4}$  inches.

Boston, May, 1859.

M.

SUNNY NEW ENGLAND.

Bishop Cheverus once said to a friend, who asked him whether he did not often regret leaving his sunny France, "Ah, my dear sir, in sunny France, as you call it, there are not half so many sunny days as in your own New England." A correspondent of the *Portsmouth Journal* brings this remark to mind, in giving the readers of that paper the result of a weather record which had been kept for ten years, from 1848 to 1858. He found that the yearly average had been as follows:—

Stormy days,.....	9	Variable,.....	24
Rain or snow, all day,.....	30	Clear, but windy or otherwise unpleas.,	28
Rain or snow, part of day, bal. cloudy,	21	Pleasant,.....	76
Cloudy,.....	40	Very pleasant,.....	121
Cloudy half of day, pleasant the rest,.....	16		365



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