

NO  
71

SPRING.

SUMMER.

THE  
OLD

FARMER'S

1863.

ALMANAC

BY  
ROBERT B. THOMAS



WORCESTER, MASS. :  
WILLIAM H. SANFORD.

# Worcester's Quarto Dictionary The Standard

ILLUSTRATED.

READ THE FOLLOWING TESTIMONIALS FROM PRESIDENTS OF  
NEW ENGLAND COLLEGES.

Your Dictionary is truly a Thesaurus of the English Language, and leaves but little to be desired in that line.

J. T. CHAMPLIN, D. D., *President of Waterville College, Maine.*

The work appears to me to be altogether unsurpassed.

LEONARD WOODS, LL. D., *President of Bowdoin College.*

No scholar can afford to be without your Dictionary.

N. LORD, D. D., *President of Dartmouth College.*

The mature scholarship which this work evinces is, to me, its most pleasing feature, where we have learning without pedantry, and the fruits of the most accurate and liberal research without ostentation.

CALVIN PEASE, D. D., *President University of Vermont.*

The Dictionary will prove an enduring monument of the learning, industry, patience, and scholarly wisdom of its author, and will place him high among the great lexicographers of the English language.

BENJAMIN LARABEE, D. D., *President of Middlebury College.*

The standard Dictionary of our language.

C. C. FELTON, LL. D., *President of Harvard College.*

A proud monument of accurate scholarship.

MARK HOPKINS, D. D., *President of Williams College.*

I make this [Worcester's Dictionary] my standard in orthography and pronunciation.

B. SEARS, D. D., *President of Brown University.*

You do not ask for any opinion \* \* and for that very reason I am the more disposed to give you one. It is but a short time since that I was led to commend another Dictionary ; \* \* but now it must be withdrawn in favor of yours. I consider your Dictionary, in almost every respect \* \* as superior to any of its predecessors. In truth, I never expected to see an English Dictionary so thorough, complete and satisfactory.

DANIEL R. GOODWIN, D. D., *President Trinity College, Hartford.*

I have looked chiefly, during the short time I have had the work, for the more unusual scientific terms, and I am gratified to find how very extensively your industry has ferreted them out. Scientific men, I am sure, will be thankful that you have given them such full and accurate definitions of the terms employed in the latest standard works. O, how different from the Dictionaries published twenty years ago!

EDWARD HITCHCOCK, D. D., LL. D., *Late Pres. of Amherst Col.*

**GET THE BEST.**  
**BREWER & TILESTON,**

131 Washington Street, Boston.

And for sale by Booksellers generally.

NUMBER SEVENTY-ONE.

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

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

**1863;**

Being 3d after BISSEXTILE or LEAP YEAR, and (until July 4) 87th of Am. 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.**



This is the page, whose letters shall be seen  
Changed by the sun to words of living green ;  
This is the scholar, whose immortal pen  
Spells the first lesson hunger taught to men ;  
These are the lines that heaven-commanded toil  
Shows on his deed, — the charter of the soil !

O. W. HOLMES.

**BOSTON:**

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

Sold by the Booksellers and Traders throughout New England.

[Entered according to Act of Congress, in the year 1862, by SWAN, BREWER & TILESTON,  
in the Clerk's Office of the District Court of the District of Massachusetts.]

## TO PATRONS AND CORRESPONDENTS.

ONCE more we present you our familiar pages, and wish you many a happy new year. Events, of the utmost importance to each one of us and to our posterity, have passed before the eyes of the American people, in quick succession, since the issue of the last number of our work, and we can look up to an overruling Providence as the Guide and Disposer of them all for our good and the welfare of our country. May the same Hand guide us, and the same Smile lighten our pathway to a future more glorious than the past.

The record of events connected with the war, begun in our last number, will be found continued in this, and brought down to July, 1862. This will be found convenient for future reference, and the numbers should be carefully preserved.

We owe our acknowledgments for communications, answers to problems, etc., to many friends in various parts of New England, and regret that our limited space does not permit us to give their names in full. We thank them cordially for their numerous and welcome favors, and trust they will continue them.

The beautiful motto on the title-page, and the stanzas at the heads of the calendar pages, are selected from the writings of the talented author of "SONGS IN MANY KEYS," Dr. Oliver Wendell Holmes, a poet of whom our country is justly proud. Some of the best selections in our pages, heretofore, have been from his witty and polished pen.

All communications should be directed to me, *care of the publishers*, and sent previous to July 1st, and we will promise "that no efforts shall be spared to make the Almanack useful, pleasing, and worthy the continued patronage of its numerous friends."

*Oliver W. Holmes.* ”

**MARRIED WOMEN.**—The last Massachusetts Legislature passed a law affecting the rights and powers of married women doing business on their own separate account. This act provides that a certificate shall be filed in the Clerk's Office of the city or town where it is proposed to do such business, and also sets forth many other requirements and duties, and if no such certificate shall be filed, such married woman shall not claim any property employed in said business, as against any creditor of her husband. And, also, if any such married woman shall fail to file such certificate, the husband may do so; and if neither of them do so, then the husband shall be liable upon all contracts lawfully made, in the prosecution of such business. This statute is chapter 198, acts 1862, and took effect on the first day of July, 1862.

**INJURIES TO REAL ESTATE.**—A law was passed by the Mass. Legislature of 1862, to prevent injuries to dwelling-houses, as follows:

"Whoever wilfully or maliciously injures, defaces, mars or destroys, either in whole or in part, any dwelling-house or other building, whether upon the inside or outside, not being the owner thereof, and not having the right so to do, by virtue of any contract with the owner thereof, shall be liable to be punished by imprisonment in the jail not exceeding sixty days, or by fine not exceeding fifty dollars."

### MEETINGS OF FRIENDS IN NEW ENGLAND.

Yearly, beginning with select, 7th day after 2d 6th day, 6th mo., 9th hour, morn., at Newport, R. I. Public for worship, 1st day following, at Newport and Portsmouth, 10th hour, morn., and 4th, afternoon. For business, at Newport, 2d day, 9th hour.

This yearly meeting comprises the quarterly meetings of R. Island, Salem, Sandwich, Falmouth, Smithfield, Vassalboro', Dover and Fairfield, held as follows:—*R. Island*: 1st 5th d., 8th mo., Newport; 1st 5th d., 11th mo., Somerset; 1st 5th d., 2d mo., Providence; 1st 5th d., 5th mo., East Greenwich. *Salem*: 4th 5th d., 5th mo., Amesbury; 3d 5th d., 8th mo., Lynn; 3d 5th d., 10th mo., Weare; 3d 5th d., 1st mo., Salem. *Sandwich*: 1st 5th d., 4th and 12th mo., N. Bedford; 1st 5th d., 7th mo., Falmouth; 1st 5th d., 10th mo., Sandwich. *Falmouth*: 5th d. before 1st 6th d. in mo., at Windham, 2d and 9th mo.; Westbrook, 6th; Durham, 11th. *Smithfield*: 2d 5th d., 8th mo., Bolton; 2d 5th d., 11th mo., Smithfield; 2d 5th d., 2d mo., Worcester; 2d 5th d., 5th mo., Northbridge. *Vassalboro'*: 2d 6th d., 1st and 9th mo., Vassalboro'; 5th and 11th mo., East Vassalboro'. *Dover, N. H.*: 4th 5th d. of the mo.; Dover, 4th; North Berwick, 8th; Sandwich, 10th; Rochester, 1st. *Fairfield*: Hallowell, 4th d. before 2d 6th d., 2d and 9th mo.; Fairfield, 4th d. before last 6th d. of 5th mo., and 4th d. before 2d 6th d. of 11th mo.

—(Corrected 1862.)

## ECLIPSES OF THE SUN AND MOON FOR 1863.

In this year there will be two eclipses of the Sun, and two of the Moon :

I. — A PARTIAL ECLIPSE OF THE SUN, May 17th, visible in Europe and the north-western part of North America.

II. — A TOTAL ECLIPSE OF THE MOON, June 1st, partly visible as follows :  
 Total Phase ends, . . . 7h. 15m., P. M., } Mean time at Boston.  
 Moon leaves shadow, 8h. 22m., " }

III. — AN ANNULAR ECLIPSE OF THE SUN, November 11th, visible in the Southern Ocean.

IV. — A PARTIAL ECLIPSE OF THE MOON, November 25th, visible as follows  
 Moon enters shadow, 2h. 31m., A. M., } Mean time at Boston.  
 Middle of eclipse, . . . 4h. 12m., " }  
 Moon leaves shadow, 5h. 52m., " }

THE longitudes of the following places are counted west from Greenwich, while the differences of time refer to Boston. (+) added to, (—) subtracted from, Boston time.

Place.	N. Lat.	W. Lon.	Diff.	Place.	N. Lat.	W. Lon.	Diff.	
Angusta, Me. . . . .	44°	19'	69° 50'	+ 5	Boston, Mass. . . . .	42°	21' 71° 3'	—
Eastport, " . . . . .	44	54	66 56	+ 17	Worcester, " . . . . .	42	16 71 48	— 3
Bangor, " . . . . .	44	48	68 47	+ 9	Springfield, " . . . . .	42	6 72 36	— 6
Portland, " . . . . .	43	40	79 15	+ 3	Pittsfield, " . . . . .	42	27 73 16	— 9
Brunswick, " . . . . .	43	53	69 55	+ 5	Hartford, Conn. . . . .	41	46 72 41	— 7
Concord, N. H. . . . .	43	12	71 29	— 2	New Haven, " . . . . .	41	18 72 55	— 7
Dover, " . . . . .	43	13	70 54	+ 1	Newport, R. I. . . . .	41	29 71 18	— 1
Montpelier, Vt. . . . .	44	17	72 36	— 6	New York, N.Y. . . . .	40	43 74 0	— 12

### 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 1863.

Golden Number, 2	Dominical Letter, D	Roman Indiction, 6
Cycle of the Sun, 24	Epact, 11	Julian Period, 6576

### MOVABLE FEASTS AND FASTS FOR 1863.

Septuagesima Sunday, Feb. 1	Good Friday, April 3	Holy Thursday, May 14
Shrove Sunday, " 15	EASTER SUNDAY, " 5	Whit Sunday, " 24
Ash Wednesday, " 18	Low Sunday, " 12	Trinity Sunday, " 31
First Sunday in Lent, " 22	Rogation Sunday, May 10	Advent Sunday, Nov. 29

### DEFINITIONS. [CONTINUED FROM LAST YEAR.]

**DOMINICAL LETTER.** — One of the first seven letters in the alphabet, used in the Almanacs to represent Sunday.

**EPACT.** — The difference in length between time as measured by the sun, and time as measured by the moon. The excess of the solar month above the lunar synodical month, and of the solar year above the lunar year of twelve synodical months.

**ROMAN INDICTION.** — A period or cycle of fifteen years, the origin of which is rather obscure. Gibbon says: "The term and the use of the *indicions*, which serve to ascertain the chronology of the Middle Ages, was derived from the regular practice of the Roman tributes. The emperor subscribed with his own hand, and in purple ink, the solemn edict or *indiction*, which was fixed up in the principal city of each diocese during two months previous to the first day of September. And, by a very easy connection of ideas, the word *indiction* was transferred to the measure of tribute which it prescribed, and to the annual term which it allowed for payment." This cycle, called the Roman indiction, is said by some to have been instituted by Constantine the Great, in place of Olympiads.

*From Worcester's Quarto Dictionary of the English Language.*

**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. Col. year divided as at Harv. Col.

**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., 5 w. after com.; from 4th Tues. in Nov., 6 w.; 3d Tues. in Apr., 2 w.

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

**NEWTON THEO. INST., AT NEWTON, MS.—**Anniv., last Wed. in June. Vac., 9 w. from anniv., and also 3 w. fr. last Wed. in Jan.

**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 com.

**TRINITY, AT HARTFORD, CONN.—Com.,** Thurs. before July 4th. Vac., 9 w. from

com.; 4 w. from Thurs. before Christmas.

**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. Aug. Vac., com. 4 w.; last Wed. Nov., 8 w.; 1 w. fr. 4th Wed. 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 BRUNSWICK, ME.—Com.,** 1st Wed. in Aug. Vaca., at com., 3 w.; from last Wed. in Nov., 8 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. July. Vac., fr. do., 12 w.

**EXECUTIVE GOVERNMENT OF THE UNITED STATES (JUNE, 1862).**

ABRAHAM LINCOLN, Ill., President,	\$25,000	SALMON P. CHASE, Ohio, Sec. Trea.,	\$8,000
WM. H. SEWARD, N.Y., Sec. State,	8,000	CALEB B. SMITH, Ia., " Inter.,	8,000
GIDEON WELLES, Conn., Navy,	8,000	MONTGOMERY BLAIR, Md., Post. Gen.,	8,000
EDW. M. STANTON, Pa., " War,	8,000	EDWARD BATES, Mo., 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,	66,	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.	Jan. 17, 1862
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 to 1861,	69.	
Abraham Lincoln,	Ky.,	Feb. 12, 1809,	1861 —		

**COMMERCIAL VALUE OF GOLD AND SILVER COIN.—**

American Gold,..... Par.	\$50 Pieces, U. S. Assay, ....	½ p. ct. dis.	
American Gold Coin, with the motto "E Pluribus Unum"	\$20 do. do. do. ....	1 do. do.	
over the eagle, ..... 1.05 to 1.06	\$10 do. do. do. ....	2 do. do.	
Victoria Sovereigns, ..... 4.80 " 4.81	} American Half Dollars, .51 to .51½		
Old Sovereigns, ..... 4.78 " 4.80		do. Quar. do. . . . .	.25½
Guineas, ..... 4.95 " 5.00		Sp. and Mx. do., perfect, .23	
Napoleons (Twenty Francs),. 3.80 " 3.83		do. do. do. do., imperf. .20 " .22	
Ten Thaler Pieces, ..... 7.80	Mexican Dollars,.....	1.05	
Prussian Ten Thaler Pieces,. 8.00	Peruv. and other S. A. Dolls.	1.02	
Ten Guilder Pieces,..... 3.90 " 3.93	Spanish Pillar Dollars,.....	1.05 " 1.10	
Ducats,..... 2.15 " 2.20	Prussian Thalers,.....	.65	
Patriot Doubloons (liable to change daily), ..... 15.40 "15.45	Five Franc Pieces,.....	.95	
Spanish Doubloons, do. do..16.00 "16.10	German Crowns,.....	1.06	
	French Crowns,.....	1.08	
	English Silver £,.....	4.60	

# WORTHLESS AND UNCURRENT BANK NOTES IN NEW ENGLAND.

CORRECTED BY CLAPP, FULLER & BROWNE,

Dealers in Bank Notes, Specie and Land Warrants, 37 State Street, corner of Congress Street.

Val. on Dol.		Val. on Dol.		Val. on Dol.	
<b>MASSACHUSETTS.</b>					
American Bank,	Boston,	Commercial B'k, } Ports-	Hallowell and Augusta	Hallowell,	5
Commercial Bank,		Piscataqua B'k, } mouth.		Bank, Hallowell,	
Commonwealth B'k,		Portsmouth B'k, }		Kennebeck Bk, Hallowell,	
Cochituate Bank,		Grafton Bank, Haverhill,		Kennebunk Bank,	
Franklin Bank,		Hillsboro' Bk, Hillsboro',		Machias Bank.	
Fulton Bank,		N. Hampshire B'k, Ports-		Megunticook Bk, Camden,	
Grocers Bank,		mouth, [closed.		Negumkeag Bank,	
Haymarket Sq. B'k,		Pemigewasset Bk, Plym.,		New Eng. Bk, Fairmount,	
Kilby Bank,		Winnipisogee B'k, clos.		Newport Bank, Newport,	
Lafayette Bank,		Wolfborough B'k, Wolfb.,		Oxford Bank, Fryeburg,	
Middling Int. Bank,	Rochester B'k, Rochester,	Passamaquoddy Bk, East-			
Oriental Bank,	CONNECTICUT.		port,		
South Bank,	Bank of North America,	Bank of North America,	Saco Bank, Saco,		
Amherst Bank, Amherst,	Bank of Seymour, Seym.,	Bank of Seymour, Seym.,	Sandford B'k, Sandford,	5	
Berkshire B'k, Pittsfield,	Bridgeport Exch'ge As.,	Bridgeport Exch'ge As.,	Ship Builders' B'k, Rock-		
Bank of Gen. Int'st,	Bridgeport Manuf. Co.,	Bridgeport Manuf. Co.,	land, broke.		
Essex Bank,	Colchester B'k, Colches.,	Colchester B'k, Colches.,	St. Croix Bank, Calais,		
Farmers' Bank,	Commercial B'k, Tolland.	Commercial B'k, Tolland.	Union Bank, Brunswick,		
Chelsea Bank, Chelsea,	Conn. Min. Co., Hartford,	Conn. Min. Co., Hartford,	Vassalborough B'k, Vass.		
Bass River B'k, Beverly,	Derby Bank, Derby,	Derby Bank, Derby,	Waldo Bank, Belfast,		
Citizens' B'k, Nantucket,	Eagle Bank, New Haven,	Eagle Bank, New Haven,	Wash'gton Co. Bk, Calais,		
City B'k, Lowell, fraud,	Eastern, W. Killingsly,	Eastern, W. Killingsly,	Waterville B'k, Waterv.,		
Cohannet Bank, Taunton,	Hatters' Bank,	Hatters' Bank,	Winthrop B'k, Winthrop,	90	
Cohasset Bank,	Granite, Voluntown, fr'd,	Granite, Voluntown, fr'd,	Wiscasset B'k, Wiscasset,		
Charlestown B. } Charles-	Housatonic R. R. Comp.,	Housatonic R. R. Comp.,	B'k of Hallowell, Hallow.,	5	
Phoenix Bank, } town,	Bridgeport,	Bridgeport,	Maritime Bank, Bangor,	50	
Dorches. and Milton B'k,	Wooster Bank,	Wooster Bank,	Westbrook Bank, closed.		
Duxbury B'k, Duxbury,	Manuf.'rs' B'k, Derby,	Manuf.'rs' B'k, Derby,	VERMONT.		
East Bridgewater Bank,	Litchfield B'k, Litchfield,	Litchfield B'k, Litchfield,	Danby Bank, Danby,	5	
Essex B'k, N. Andover,	Merch. Ex. Bk, Bridgep't,	Merch. Ex. Bk, Bridgep't,	Agricultural B'k, Troy,	5	
Farmers' B'k, Sandstone,	N. Haven Co. Bk, N. Hav.,	N. Haven Co. Bk, N. Hav.,	Bank of Bennington, Ben.		
Farmers' and Mechanics'	Winsted Bank,	Winsted Bank,	B'k of Manchester, Man.,		
B'k, Belchertown,	Woodbury Bk, Woodb'ry,	Woodbury Bk, Woodb'ry,	Bank of Orange County,		
Farmers' and Mechanics'	MAINE.		B'k of Woodstock, Wood.,		
B'k, South Adams,	Agricult'l Bank, Brewer,	Agricult'l Bank, Brewer,	Bank of Windsor, Wind.,		
Greylock Bank, Ampton,	Androscoggin Bank,	Androscoggin Bank,	Commercial Bank of Ver-		
Hampshire Bank, North-	Brunswick B'k, Brunsw.,	Brunswick B'k, Brunsw.,	mont, Poultney,		
Ipswich Bank, Ipswich,	Bangor Bank,	Bangor Bank,	Essex Bank, Guildhall,		
Manuf's Bk, Georgetown,	Bangor Com. Bank,	Bangor Com. Bank,	Green Mountain Bank,		
Man. & Mech. B'k, Nant.	Bath Bank,	Bath Bank,	Jefferson Banking Co.,		
Mendon Bank, Mendon,	City Bank,	City Bank,	Phoenix Bank,		
Middlesex B., Cambridge,	Exchange Bank,	Exchange Bank,	Vermont State Bank, and		5
Mid. Int. Bk, Salem, clos.	Lafayette Bank,	Lafayette Bank,	branches,		
Newburyport B'k, Newb.	Norombega Bank,	Norombega Bank,	South Royalton B'k, S. R.		
Nahant Bank, Lynn,	Penobscot Bank,	Penobscot Bank,	RHODE ISLAND.		
Norfolk Bk,	People's Bank,	People's Bank,	Bristol Union B'k, Brist.,		
Roxbury Bk, } Roxbury,	Grocers' Bank,	Grocers' Bank,	Burrillville B'k, Burrillv.,		
Winthrop Bk,	Atlantic B'k, Portland,	Atlantic B'k, Portland,	Eagle Bank, Newport,		
Pawtucket Bk, Pawtuck.,	Bank of Portland,	Bank of Portland,	Farm. Ex. Bk, Gloucester,		
Phoenix B'k, Nantucket,	Exchange Bank,	Exchange Bank,	Farmers' and Mechanics'		
Sandwich Bank, Sandw.,	Georgia Lumber Co.,	Georgia Lumber Co.,	Bank, Pawtucket,		
Sutton Bk, Wilkinsonville,	Maine Bank,	Maine Bank,	Farmers' B'k, Wickford,		
Western Bk, Springfield,	B'k of Old Town, } Orono,	B'k of Old Town, } Orono,	Franklin Bk, Providence,		
NEW HAMPSHIRE.					
Concord Bank, Concord,	Stillwater Canal, }	Stillwater Canal, }	Hamilton Bank, Scituate,		
Cheshire Bank (old),	B'k of Westbrook, } West-	B'k of Westbrook, } West-	Hamilton B'k, N'th Scit.,		
Claremont B'k, Clarem't,	Franklin Bank, } br'k,	Franklin Bank, } br'k,	Mount Hope B'k, Bristol,	5	
Dover Bank, Dover (old),	Canton Bank, China,	Canton Bank, China,	Pascoag Bk, Pascoag Vil.,		
Exeter B'k (old),	Castine Bank, Castine,	Castine Bank, Castine,	Provid. Co. B'k, S'thfield,		
Exeter B'k (new),	Central Bank, Hallowell,	Central Bank, Hallowell,	R. I. Agri. B'k, Johnston,		
Granite Bank,	Central Bank, Grey,	Central Bank, Grey,	Scituate Bank, Scituate,		
clo. (old),	City B'k, Portland,	City B'k, Portland,	Tiverton Bank, Tiverton,	5	
Farmers' Bank, Amherst,	Citizens' (old pl.), } Au-	Citizens' (old pl.), } Au-	Bank of Republic, Prov.,	5	
Lancaster Bk, Lancaster,	do. (new pl.), } gusta,	do. (new pl.), } gusta,	B'k of So. Co., Wakefield,	5	
Lebanon Bank, Lebanon,	Damariscotta, Nobleboro,	Damariscotta, Nobleboro,	Mount Vernon B'k, Prov.,	5	
Manuf. Bk, N. Ipswich,	Ellsworth B'k, Ellsworth,	Ellsworth B'k, Ellsworth,	R. I. Cent., E. Greenwich,	5	
N. Hampshire Union Bk,	Frankfort B'k, Frankfort,	Frankfort B'k, Frankfort,	Hopkinton B'k, Westerly,	5	
	Globe Bank, Bangor,	Globe Bank, Bangor,	Warwick Bank,	5	
	Hancock B'k, Ellsworth,	Hancock B'k, Ellsworth,	R. I. Exchange,	5	

1863.

JANUARY, first Month.

Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.	S.	d.	m.	S.	d.	m.	S.	d.	m.	S.	d.	m.	S.
1	23	S.	1	7	22	23	13	21	29	19	20	20	25	18	57
2	22		56	8	22	15	14	21	18	20	20	7	26	18	42
3	22		50	9	22	7	15	21	7	21	19	54	27	18	27
4	22		44	10	21	58	16	20	56	22	19	40	28	18	12
5	22		37	11	21	48	17	20	45	23	19	26	29	17	56
6	22		30	12	21	39	18	20	32	24	19	12	30	17	40

- Full Moon, 4th day, 10h. 48m., evening.
- ☾ Last Quarter, 12th day, 7h. 23m., evening.
- New Moon, 19th day, 11h. 18m., morning.
- ☽ First Quarter, 26th day, 0h. 10m., evening.

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





Is man's the only throbbing heart that hides  
 The silent spring that feeds its whispering tides?—  
 Speak from thy caverns, mystery-breeding earth,  
 Tell the half-hinted story of thy birth!

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Th.	Circum. ☉ in Per. <i>Fine</i>	<p>THE old year is gone — the new one is upon us. It comes with its cares, as well as with its good cheer. Make the most of it <i>now</i>. It is the only time we can count on. Well begun is half well done. Then start fair — that's the first point — and keep on the right track. Don't sit and dream of what is to be done next week or next year. "Life is real." It is not made of dreams, but of action. It is energy or vital power that gives men success in life. Now, then, make up your mind and set your foot down to be something, and to do something, more this year than ever.</p> <p>This is the farmer's leisure, if he can be said ever to have any. And yet there is enough to do. There's the wood-pile to look out for. There are the cows, the pigs, and the poultry to be fed, and the horse to be exercised. And then the time for reading must be filled up with something useful and instructive. These winter hours fly on gilded wings. Now we have them, and now they are gone. Get the best books, and make the most of them.</p> <p>Did you tread the snow closely around your fruit-trees, when the first snows came? The mice 'll bark 'em if you don't, and you 'll find, to your cost, they've been barking up the wrong tree.</p>
2	Fr.	♂ ♂ ☾. ☾ runs hi. <i>for</i>	
3	Sa.	☾ in Apogee. <i>the season.</i>	
4	D.	2d Sun. after Christmas.	
5	Mo.	{ 4th. Battle of Hunt- ersville, Va., '62. <i>High ti.</i>	
6	Tu.	{ C.C. Cambridge, Lenox and Plym. ♀ gr. hel. <i>A</i> lat S.	
7	W.	{ Mass. and Me. Leg's meet. <i>snow storm,</i>	
8	Th.	{ Battle near Rom- ney, Va., '62. <i>perhaps.</i>	
9	Fr.	Irrigated meadows in Italy cut the first time this month.	
10	Sa.	Cotton harvest at Port Natal. <i>Grows</i>	
11	D.	1st S. af. Eph. ♀ in Aph.	
12	Mo.	{ 11th. Intensely cold in N.E. { Ther. 9 to 40 below zero, '59. <i>finer.</i>	
13	Tu.	♂ ♀ ☾. Low tides.	
14	W.	Harvest month in Aus- tralia and Abyssinia. <i>Expect</i>	
15	Th.	♁ stationary. <i>a cold</i>	
16	Fr.	☐ ♀ ☉. ☾ runs low.	
17	Sa.	{ John Tyler, ex-pres. { U. S. di., ag. 72, '62. <i>snap.</i>	
18	D.	2d S. af. Epiph. ☾ in Per.	
19	Mo.	{ Battle of Mill { Spring, Ky., '62. <i>High tides.</i>	
20	Tu.	♂ ♀ ☾. ♂ ♀ ☾. <i>Quite</i>	
21	W.	{ 17th. Dr. T. W. Harris, the { disting. entomol., di., '56. <i>fine.</i>	
22	Th.	19th to 26th. Coldest week ever known in Boston, '57.	
23	Fr.	♂ ♀ ☾. <i>Look</i>	
24	Sa.	25th. Conv. of St. Paul.	
25	D.	3d S. af. Epiph. <i>out</i>	
26	Mo.	♂ ♂ ☾. <i>for a</i>	
27	Tu.	Low tides. <i>thaw.</i>	
28	W.	<i>Clear and cold.</i>	
29	Th.	♂ ♂ ☾. ☾ runs high.	
30	Fr.	♀ in Per. ☾ in Apo.	
31	Sa.	♀ stationary. <i>Variable.</i>	

1863. FEBRUARY, second Month.

Astronomical Calculations.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	17	S.	5	7	15	18	13	13	21	19	11	16	25	9
2	16		48	8	14	59	14	13	0	20	10	54	26	8	42
3	16		31	9	14	40	15	12	40	21	10	33	27	8	20
4	16		13	10	14	20	16	12	19	22	10	12	28	7	57
5	15		55	11	14	1	17	11	58	23	9	50			
6	15		36	12	13	41	18	11	37	24	9	28			

- Full Moon, 3d day, 5h. 41m., evening.
- ☾ Last Quarter, 11th day, 6h. 3m., morning.
- ☽ New Moon, 17th day, 10h. 22m., evening.
- ☽ First Quarter, 25th day, 7h. 50m., morning.

Days of Month.	Days of the Week.	☉		Length of Days.		Day's Incre.		☉ 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.		R. h. m.	S. h. m.	
1	SU.	7 14	5 14	10	0	56	14	13	9 52	10 15	br.	5 35	10 50		
2	Mo.	7 13	5 15	10	2	58	14	14	10 37	10 58	h't	6 11	11 36		
3	Tu.	7 12	5 17	10	5	1	14	○	11 18	11 37	h't	rises.	morn.		
4	W.	7 11	5 18	10	7	3	14	16	11 56	—	h't	6 25	0 21		
5	Th.	7 10	5 19	10	9	5	14	17	0 14	0 32	bel.	7 27	1 5		
6	Fr.	7 9	5 20	10	11	1	7	14	18	0 51	1 10	bel.	8 30	1 49	
7	Sa.	7 8	5 22	10	14	1	10	14	19	1 29	1 49	rei.	9 35	2 33	
8	SU.	7 7	5 23	10	16	1	12	14	20	2 9	2 30	rei.	10 42	3 19	
9	Mo.	7 5	5 25	10	20	1	16	14	21	2 51	3 14	rei.	11 49	4 7	
10	Tu.	7 4	5 26	10	22	1	18	14	22	3 38	4 4	sec.	morn.	4 58	
11	W.	7 3	5 27	10	24	1	20	14	23	4 33	5 5	sec.	0 57	5 53	
12	Th.	7 1	5 28	10	27	1	23	14	24	5 39	6 14	thi.	2 4	6 51	
13	Fr.	7 0	5 30	10	30	1	26	14	25	6 50	7 27	thi.	3 8	7 51	
14	Sa.	6 58	5 31	10	33	1	29	14	26	8 3	8 38	kn.	4 5	8 52	
15	SU.	6 57	5 32	10	35	1	31	14	27	9 10	9 41	kn.	4 54	9 52	
16	Mo.	6 56	5 33	10	37	1	33	14	28	10 10	10 37	legs	5 36	10 50	
17	Tu.	6 55	5 35	10	40	1	36	14	☽	11 2	11 26	legs	sets.	11 45	
18	W.	6 53	5 36	10	43	1	39	14	1	11 47	—	feet	6 40	0 37	
19	Th.	6 52	5 37	10	45	1	41	14	2	0 8	0 29	feet	7 51	1 27	
20	Fr.	6 50	5 38	10	48	1	44	14	3	0 51	1 12	h'd	9 0	2 16	
21	Sa.	6 49	5 40	10	51	1	47	14	4	1 34	1 55	h'd	10 7	3 4	
22	SU.	6 47	5 41	10	54	1	50	14	5	2 17	2 38	n'k	11 11	3 52	
23	Mo.	6 46	5 42	10	56	1	52	14	6	3 0	3 23	n'k	morn.	4 41	
24	Tu.	6 44	5 43	10	59	1	55	13	7	3 47	4 12	n'k	0 12	5 30	
25	W.	6 43	5 45	11	2	1	58	13	8	4 39	5 7	arm	1 9	6 19	
26	Th.	6 41	5 46	11	5	2	1	13	9	5 36	6 5	arm	2 2	7 8	
27	Fr.	6 40	5 47	11	7	2	3	13	10	6 35	7 5	br.	2 50	7 57	
28	Sa.	6 38	5 48	11	10	2	6	13	11	7 34	8 2	br.	3 32	8 44	

VENUS will be evening star until September 28th, then morning star the rest of the year.

JUPITER will be morning star until April 12th, then evening star until Oct. 31st, and morning star again the rest of the year.



Teach us to live, not grudging every breath  
 To the chill winds that waft us on to death,  
 But ruling calmly every pulse it warms,  
 And tempering gently every word it forms.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	D.	Septuagesima S. <i>A storm</i>	<p>In this month, last year, I had a word to say on the care and feeding of stock, as one of the first duties of farmers at this season, and I can't do better than to ask you to read it again. Stock well wintered is half summered, as they say. By low feeding and neglect, you not only lose the milk, or other product, at the time, but have the expense of time and food in bringing up to full condition in the spring.</p> <p>Now I wish to speak of the winter care and treatment of poultry. Why don't you make the hens lay? They can do it as well as not, and they rather like it. How is it with them in summer? They get insects, lime, seeds of various kinds, gravel-stones, air, water, and plenty of sun-light, and these all help make them lay. Give them the same in winter, or as near it as you can. Instead of insects, fresh meat, scraps, some burnt bones, potato-skins, corn, plenty of fine sand, ashes or gravel, and a warm, light, airy room, with plenty of fresh, wholesome water. They like just about the same kind of food you give to the dog, and thrive on it. In fact, the best thing you can do with the dog himself is to cut off</p>
2	Mo.	Pur. Vir. Mary. ♂ ♀ ♀.	
3	Tu.	♀ gr. hel. lat. S. <i>is near</i>	
4	W.	Tea-picking in China begins about this time. High ti.	
5	Th.	Sugar-planting in Bengal begins this month. <i>at hand.</i>	
6	Fr.	Fort Henry, Tenn. captured, '62. <i>Finer,</i>	
7	Sa.	Roanoke Island taken, 7th and 8th, '62. ♂ ♀ ☾.	
8	D.	Sexagesima S. <i>but</i>	
9	Mo.	♀ gr. hel. lat. N. <i>quite</i>	
10	Tu.	♂ ♀ ☉ Inf. <i>cold.</i>	
11	W.	☾ stationary.	
12	Th.	☾ runs low. Low ti.	
13	Fr.	15th. ☾ in Per. <i>Uncom-</i>	
14	Sa.	Valent. D. <i>fortably cold</i>	
15	D.	Quinqua. S. Shrove S.	
16	Mo.	Fort Donelson taken, '62. ♂ ♀ ☾. <i>for</i>	
17	Tu.	Potatoes planted this month in S.C. <i>some days.</i>	
18	W.	Ash Wednes. High ti.	
19	Th.	♂ ♀ ☾. <i>Moderate,</i>	
20	Fr.	♂ ☽ ☾. <i>with</i>	
21	Sa.	Battle of Valverde, New Mexico, '62. <i>snow, or</i>	
22	D.	1st S. in Lent. ♀ sta.	
23	Mo.	♂ sta. 24th. ♂ ♂ ☾.	
24	Tu.	Great gale, with thun. and lightning, in N. E., '62. <i>rain.</i>	
25	W.	24th. Destructive fire in Boston, '62. <i>Windy.</i>	
26	Th.	♂ ♂ ☾. ☾ runs high.	
27	Fr.	☾ in Apo. Low tides.	
28	Sa.	Potatoes ripe in N. Zealand. <i>Dull weather.</i>	

his tail just behind his ears, and feed him out to the hens. He won't trouble the sheep any more. White-wash the hen-house freely.

1863.

MARCH, third Month.

Astronomical Calculations.

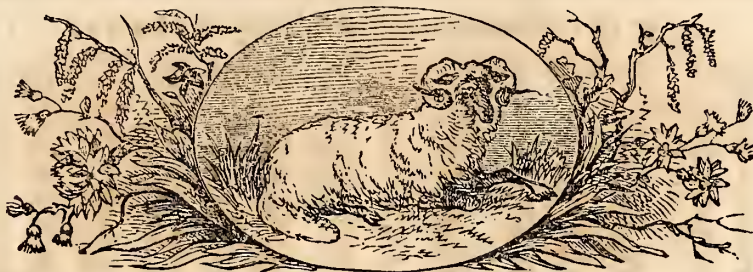
☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	
	1	7	S.	35	7	5	16	13	2	55	19	0	33	25	1	49
	2	7		12	8	4	53	14	2	32	20	0	S.10	26	2	12
	3	6		49	9	4	29	15	2	8	21	0	N.14	27	2	36
	4	6		26	10	4	6	16	1	44	22	0	38	28	2	59
	5	6		3	11	3	42	17	1	20	23	1	2	29	3	23
	6	5		39	12	3	19	18	0	57	24	1	25	30	3	46

- Full Moon, 5th day, 10h. 2m., morning.
- ☾ Last Quarter, 12th day, 2h. 12m., evening.
- New Moon, 19th day, 9h. 53m., morning.
- ☽ First Quarter, 27th day, 4h. 13m., morning.

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

MARCH hath 31 days.

1863.



On sheltered banks, beneath the dripping eaves,  
Spring's earliest nurslings spread their glowing leaves,  
Bright with the hues from wider pictures won,  
White, azure, golden—drift, or sky, or sun.

M.	W.	Aspects, Holidays, Events, Weather &c.	Farmer's Calendar.
D.	D.		
1	D.	2d S. in Lent. St. Dav.	<p>Don't forget to go to town-meeting. It is the duty of every good citizen to do his part in the affairs of the town, the state, and the nation. The grand structure of our liberties is based upon the knowledge of our people, as gained and shown in the management of the town-meeting. It is the primary source of our Anglo-Saxon independence and self-government. See where the great French revolution left the people, after their freedom from tyranny had been fully gained, and compare it with the position of our fathers at the end of their revolution. Both people were free to establish a form of government to suit themselves. The familiarity of the one with the conduct of affairs in the primary, old-fashioned town-meeting, enabled it to bring order out of chaos, and to create a form of government which was little more than an expansion of the system which had been already adopted and practised in every town in the country. The other was left to drift like a mob before the tide of circumstances, or led at will by any popular demagogue.—That's just the difference, and the habit of going to town-meeting, and doing the duty of an independent man and citizen, made the difference.</p>
2	Mo.	{ 4th. Washington occupies Dorches. Heights, 1776. Cool,	
3	Tu.	{ C. C. Northampton and Greenfield. ♂ ♀ ♀.	
4	W.	♀ in ♂. but fine.	
5	Th.	{ 3d. Alexander, Emp. of Rus., emancipates the serfs, '61.	
6	Fr.	{ Battle of Pea Ridge, Ark., 6th and 8th, '62. High ti.	
7	Sa.	♂ ♀ ♀. Bleak.	
8	D.	3d S. in Lent. ♂ gr. elon. W.	
9	Mo.	{ Battle between Monitor and Mer- rimack, in Hampt. Roads, '62.	
10	Tu.	{ Treaty with Mex- ico ratified, '48. Variable,	
11	W.	{ New Hampshire State Election. with cold	
12	Th.	♄ runs low. rain,	
13	Fr.	Low tides. or snow.	
14	Sa.	♀ in Aphelion.	
15	D.	4th S. in Lent. ♄ in Per.	
16	Mo.	{ 14th. Battle of New- bern, N. C., '62. Cool	
17	Tu.	{ C. C. Plymouth. ♂ ♀ ♀.	
18	W.	17th. St. Pat. winds.	
19	Th.	♂ ♀ ♀. High	
20	Fr.	☉ en-♀. Spring tides. begins.	
21	Sa.	{ Great snow-storm in New England, '61. ♂ ♀ ♀.	
22	D.	5th S. in Lent. Pleasant	
23	Mo.	{ Battle of Winches- ter, Virginia, '62. ♂ ♀ ☉.	
24	Tu.	{ C. C. Worcester and Taunton. ♂ ♀ ♀.	
25	W.	Annunciation. ♂ ♂ ♀.	
26	Th.	25th. ♄ runs hi. days,	
27	Fr.	♄ in Apo. but cool	
28	Sa.	Low tides. nights,	
29	D.	Palm Sunday.	
30	Mo.	{ 28th. Gen. Hull sen- tenced to be shot, '14. Fine	
31	Tu.	♀ in ♄. for the season.	

1863.

APRIL, fourth Month.

Astronomical Calculations.

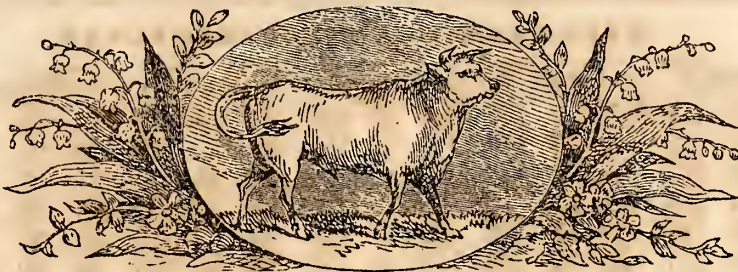
☉'s Declination.	Days			Days			Days			Days			Days		
	d.	m.		d.	m.		d.	m.		d.	m.		d.	m.	
1	4	N. 33		7	6	50	13	9	3	19	11	10	25	13	11
2	4	56		8	7	12	14	9	24	20	11	31	26	13	31
3	5	19		9	7	35	15	9	46	21	11	51	27	13	50
4	5	42		10	7	57	16	10	7	22	12	12	28	14	9
5	6	4		11	8	19	17	10	28	23	12	32	29	14	28
6	6	27		12	8	41	18	10	50	24	12	52	30	14	46

- Full Moon, 3d day, 11h. 25m., evening.
- ☾ Last Quarter, 10th day, 8h. 39m., evening.
- New Moon, 17th day, 10h. 21m., evening.
- ☽ First Quarter 25th day, 11h. 24m., evening.

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

APRIL hath 30 days.

1863.



We have trod from the threshold of turbulent March,  
Till the green scarf of April is hung on the larch,  
And down the bright hill-side that welcomes the day,  
We hear the warm panting of beautiful May.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar
1	W.	{ State Election in R. Island. <i>Very fine.</i>	WHAT would we not give to be freed from the losses and deprivations of insects? Many of them are among the worst enemies of the farmer, for they come in such countless hosts that a whole army of men could scarcely cope with them. On pp. 36 and 37 you will find some of the more common kinds mentioned and illustrated; and those who want to learn more about their habits, will find them more at length in the <i>Manual of Agriculture</i> . But what I want to say now is, don't fail to go round your apple, pear and cherry trees, and destroy carefully the nests of the caterpillars which will soon appear there. It is easy now, by sticking a brush upon the end of a long pole, to reach every limb, and make clean work of them. It will pay to watch and kill the insects destructive to vegetation. The more you kill one year, the less there will be next. Besides, fruit-trees are years in coming to perfection and profitable bearing, and all crops that are worth cultivating at all, are worth taking care of after they get somewhat advanced. We ought to know our insect enemies and friends. The names and habits of all the more common of them should be familiar to farmers.
2	Th.	{ 3d. Rev. Dr. Humphrey, Pres. Amherst Col., died, ag. 81, '61.	
3	Fr.	Good Frid. ♂ ♀ ☾.	
4	Sa.	♂ gr. hel. lat. S. ♂ ♀ ☾.	
5	D.	Easter Sun. High tides.	
6	Mo.	{ State Election in Connecticut. Bat. of Pittsburg Landing, '62.	
7	Tu.	{ C. C. Surrender of Lenox. Island No. 10.	
8	W.	☾ runs low. <i>Becomes</i>	
9	Th.	☾ in Perigee. <i>rather</i>	
10	Fr.	Low <i>dry.</i>	
11	Sa.	{ Surrender of Fort Pulaski, '62. tides.	
12	D.	Low Sunday. ♂ ♀ ☉.	
13	Mo.	{ 12th. Rev. A. Judson, mission., died, 1850. <i>Signs</i>	
14	Tu.	{ C. C. Barnstable, Ipswich and Springfield. <i>of</i>	
15	W.	{ 16th. Great gale and flood in N. E., 1851. <i>rain.</i>	
16	Th.	{ Slavery abolished in Dist. Columbia, '62. ♂ ♀ ☾.	
17	Fr.	♂ ♀ ☾. <i>Cool</i>	
18	Sa.	High tides. <i>winds</i>	
19	D.	2d S. af. E. { Battle of Camden, Va., '62.	
20	Mo.	♂ ♀ ☉ Sup. ♂ ♀ ☾.	
21	Tu.	{ C. C. Dedham. ☾ runs hi. <i>and</i>	
22	W.	♂ ♂ ☾. <i>showers.</i>	
23	Th.	St. George. ♀ in ☉.	
24	Fr.	☾ in Apogee. <i>Very</i>	
25	Sa.	St. Mark. { New Orleans recapt., '62.	
26	D.	3d S. af. E. Low tides.	
27	Mo.	♀ in Perihelion. <i>fine,</i>	
28	Tu.	{ 26th. Fort Macon, N. C., capt., '62. <i>but cool</i>	
29	W.	{ Capture of the L'Espervier by the Peacock, 1814.	
30	Th.	♂ ♀ ☾. <i>winds.</i>	

1863.

MAY, fifth Month.

Astronomical Calculations.

☉'s Declination.	Days.		Days.		Days.		Days.		Days.		Days.			
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.		
1	15	N. 5	7	16	49	13	18	23	19	19	46	25	20	57
2	15	23	8	17	5	14	18	38	20	19	59	26	21	8
3	15	40	9	17	21	15	18	52	21	20	11	27	21	18
4	15	58	10	17	37	16	19	6	22	20	23	28	21	28
5	16	15	11	17	53	17	19	20	23	20	35	29	21	37
6	16	32	12	18	8	18	19	33	24	20	46	30	21	46

- Full Moon, 3d day, 10h. 8m., morning.
- ☾ Last Quarter, 10th day, 2h. 32m., morning.
- New Moon, 17th day, 0h. 4m., evening.
- ☽ First Quarter, 25th day, 4h. 3m., evening.

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





At last young April, ever frail and fair,  
 Wooed by her playmate with the golden hair,  
 In tears and blushes sighs herself away,  
 And hides her cheek beneath the flowers of May.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Fr.	St. Phil. and St. James.	<p>SPEAKING of insects calls to mind the birds. Don't kill them. It is worse than wanton cruelty. They are at work for the farmer from daylight to dark at this season of the year. Who can estimate the number of insects they destroy? On a careful count it was found that one brood of birds destroyed not less than five hundred caterpillars a day, or about fifteen thousand a month. A golden robin was seen to catch and eat seventeen caterpillars in one minute. A quail was killed in a flock that had run over a field of corn, on suspicion that it had been pulling the grain. On examination, its craw was found to contain one cut-worm, twenty-one striped vine-bugs, and one hundred chinch bugs, and not a single kernel of corn. A yellow-bird, which had been accused by the farmer of eating wheat, was killed, and in its crop were no less than two hundred weevils, which had just been swallowed. In fact, the good which birds are all the time doing is incalculable. And then their music, the charm of country life! Who would live in a country without birds? We can go to the concert morning and evening. No ticket is needed but a thankful heart. The sun lights up the variegated stage, and the broad blue arch covers us.</p>
2	Sa.	{ 1st. New Orleans taken by the Fed. troops, '62. <i>Rain.</i>	
3	D.	4th S. af. E. { Yorktown evac., '62.	
4	Mo.	♀ in Per. High tides.	
5	Tu.	{ R. I. Leg. meet at Providenc. ☾ runs low.	
6	W.	{ Connecticut Leg. meet. ☾ in Per.	
7	Th.	{ 6th. Capture of Ft. Oswego, 1814. <i>Frequent</i>	
8	Fr.	♂ gr. hel. lat. N. <i>dashes</i>	
9	Sa.	{ Confed. evac. Pensacola, dest. Ft. M'Rea, navy yd., etc., '62. <i>of</i>	
10	D.	Rog. S. { Norfolk surren. to the gov., '62. <i>rain.</i>	
11	Mo.	{ Steamer Merrimack blown up by the Confederates, '62.	
12	Tu.	{ The President, by proclamation, opens certain Southern ports, '62.	
13	W.	♂ ♀ ☾. <i>Quite</i>	
14	Th.	Ascension Day. <i>fine.</i>	
15	Fr.	{ Paper currency estab. by Congress, 1775. <i>Look</i>	
16	Sa.	☉ ecl. invisible. <i>for</i>	
17	D.	1st S. af. Asc. <i>frosts.</i>	
18	Mo.	☾ runs high. High ti.	
19	Tu.	♂ gr. elong. E. ♂ ♀ ☾.	
20	W.	{ C. C. Edgartown. ♂ ♀ ☾.	
21	Th.	☾ in Apo. ♂ ♂ ☾.	
22	Fr.	{ 19th. Dark Day, 1780. <i>Good planting</i>	
23	Sa.	{ Battle of Front Royal, '62. <i>weather.</i>	
24	D.	Pentecost. Whit S.	
25	Mo.	Low tides. <i>Variable.</i>	
26	Tu.	♀ gr. hel. lat. N. <i>Much</i>	
27	W.	{ Battle of Hanover Court House, near Rich., '62. ♂ ♀ ☾.	
28	Th.	{ 27th. Surrender of Forts George and Erie, 1813. <i>rain,</i>	
29	Fr.	♂ ♀ ☾. <i>with high</i>	
30	Sa.	{ 29th. Defeat of the British at Sacket's Harbor, 1813.	
31	D.	Trin. S. ♀ in ♀. <i>winds.</i>	

1863.

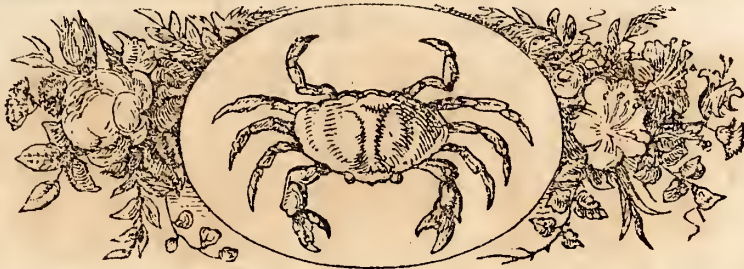
JUNE, sixth Month.

Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.		d.	m.		d.	m.		d.	m.		d.	m.	
1	22	N. 4	7	22	46	13	23	13	19	23	26	25	23	24	
2	22	12	8	22	51	14	23	16	20	23	27	26	23	23	
3	22	19	9	22	56	15	23	19	21	23	27	27	23	21	
4	22	26	10	23	1	16	23	22	22	23	27	28	23	18	
5	22	33	11	23	6	17	23	24	23	23	27	29	23	15	
6	22	40	12	23	10	18	23	25	24	23	26	30	23	12	

- Full Moon, 1st day, 6h. 46m., evening.
- ☾ Last Quarter, 8th day, 9h. 8m., morning.
- New Moon, 16th day, 2h. 52m., morning.
- ☽ First Quarter, 24th day, 5h. 47m., morning.

Days of Month.	Days of the Week.	☀ Rises.		☀ Sets.		Length of Days.		Day's Incre.		☀ F.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. S.		☽ Souths.
		h.	m.	h.	m.	h.	m.	h.	m.			Morning	Evening		h.	m.	
1	Mo.	4	26	7	30	15	46	0	3	○	3	10 55	11 22	thi.	3	58	morn.
2	Tu.	4	25	7	30	15	56	1	2	16	11 48	—	thi.	rises.	0	12	
3	W.	4	25	7	31	15	66	2	2	17	0 14	0 41	kn.	9	22	1 15	
4	Th.	4	24	7	32	15	86	4	2	18	1 8	1 35	kn.	10	8	2 17	
5	Fr.	4	24	7	32	15	86	4	2	19	2 1	2 27	legs	10	45	3 16	
6	Sa.	4	24	7	33	15	96	5	2	20	2 53	3 18	legs	11	17	4 11	
7	SU.	4	23	7	34	15	116	7	2	21	3 43	4 9	feet	11	47	5 3	
8	Mo.	4	23	7	34	15	116	7	1	22	4 37	5 5	feet	morn.	5	53	
9	Tu.	4	23	7	35	15	126	8	1	23	5 33	6 1	h'd	0	16	6 40	
10	W.	4	23	7	36	15	136	9	1	24	6 29	6 58	h'd	0	45	7 27	
11	Th.	4	22	7	36	15	146	10	1	25	7 26	7 54	h'd	1	14	8 14	
12	Fr.	4	22	7	37	15	156	11	1	26	8 22	8 49	n'k	1	46	9 2	
13	Sa.	4	22	7	37	15	156	11	0	27	9 15	9 40	n'k	2	22	9 51	
14	SU.	4	22	7	38	15	166	12	0	28	10 4	10 28	arm	3	3	10 40	
15	Mo.	4	22	7	38	15	167	12	S.	29	10 51	11 13	arm	3	49	11 30	
16	Tu.	4	22	7	38	15	166	12	0	●	11 34	11 54	br.	sets.	0	19	
17	W.	4	22	7	39	15	176	13	1	1	—	0 14	br.	8	36	1 7	
18	Th.	4	22	7	39	15	176	13	1	2	0 34	0 55	br.	9	10	1 54	
19	Fr.	4	23	7	39	15	176	13	1	3	1 15	1 34	h'rt	9	41	2 38	
20	Sa.	4	23	7	40	15	176	13	1	4	1 53	2 13	h'rt	10	9	3 22	
21	SU.	4	23	7	40	15	176	13	1	5	2 33	2 52	h'rt	10	34	4 5	
22	Mo.	4	23	7	40	15	176	13	2	6	3 12	3 32	bel.	10	59	4 47	
23	Tu.	4	23	7	40	15	16	DEC.	2	7	3 53	4 16	bel.	11	25	5 31	
24	W.	4	24	7	40	15	16	0	1	2	8	4 40	5 5	rei.	11	52	6 16
25	Th.	4	24	7	40	15	16	0	1	2	9	5 32	6 0	rei.	morn.	7	3
26	Fr.	4	24	7	40	15	16	0	1	2	10	6 29	7 0	sec.	0	23	7 55
27	Sa.	4	25	7	40	15	15	0	2	3	11	7 32	8 4	sec.	1	0	8 51
28	SU.	4	25	7	40	15	15	0	2	3	12	8 37	9 9	thi.	1	45	9 51
29	Mo.	4	25	7	40	15	15	0	2	3	13	9 40	10 11	thi.	2	38	10 54
30	Tu.	4	26	7	40	15	14	0	3	3	14	10 41	11 9	kn.	3	41	11 57



Spirit of Beauty! let thy graces blend,  
 With loveliest Nature, all that Art can lend;  
 Come from thy bowers, where Summer's life-blood flows  
 Through the red lips of June's half open rose.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Mo.	{ Battle of Fair Oaks, near Richmond, '62. ☾ ecl. vis.	"Crows in the corn-field, run boys, run!" But it's too early; you have n't got your eyes open. Why didn't you put up a few lines? Sometimes lines <i>do</i> , and sometimes they <i>don't</i> . I think one of the best ways is to soak the seed in coal tar, and coat it over with plaster. It is really best to have the crows in the corn-field, if we can make the corn so disgusting to them that they won't touch it. Now, I know coal tar 'll do it. I've tried it. If they pull one spire, it will be the last, and the black-wings will turn their attention to grubs and other more palatable food. Put enough in the hills to allow the loss of one or two; and then, if the crows get one now and then, or the cut-worms gnaw at the roots, transplant from hills where there are too many. There is no difficulty in filling up hills in that way. A dibble and a damp morning, with care in taking up, will save the whole. Most farmers neglect these precautions. But just think of it. You have ploughed and manured the lot for a full crop. You have incurred expense in every hill. Won't it pay to take a little extra care now? A single spire of corn may seem a small thing, but it costs labor and time and money.
2	Tu.	{ C. C. Concord. ♂ ♀ ♂. High t.	
3	W.	{ N. Hampshire Leg. meets. ☾ in Per.	
4	Th.	Corpus Christi. <i>Very</i>	
5	Fr.	{ Gth. Conf. gunboats on the Mississippi, near Memphis, dest., '62.	
6	Sa.	{ Surrender of Memphis, '62. <i>fine again.</i>	
7	D.	1st S. af. Trinity.	
8	Mo.	{ Battle of Cross Keys, Va., '62. <i>Showers,</i>	
9	Tu.	{ C. C. Northampton and Greenfield. ♂ gr. ecl. lat. N.	
10	W.	♀ in Aphel. Low tides.	
11	Th.	St. Barnabas. <i>with</i>	
12	Fr.	♂ ♂ ☉. <i>thunder.</i>	
13	Sa.	♂ ♀ ☉ Inf.	
14	D.	2d S. af. Trinity. <i>Signs</i>	
15	Mo.	♃ sta. ♂ ♀ ☾ ☾ runs h.	
16	Tu.	{ C. C. Worcester. Bat. of James Isl., near Charleston, S. C., '62.	
17	W.	{ Bat. Bunker Hill, 1775. High tides.	
18	Th.	☾ in Apogee. <i>of</i>	
19	Fr.	♂ ♂ ☾. <i>rain.</i>	
20	Sa.	{ Gen. McClellan took com. in W. Virg., '61. ♂ ♀ ☾.	
21	D.	3d S. af. Trinity.	
22	Mo.	21st. ☉ en-☽. Summer begins.	
23	Tu.	{ C. C. Springfield and Dedham. Longest day.	
24	W.	Midsum. D. St. Jn. Bap.	
25	Th.	♂ ♃ ☾. Low tides.	
26	Fr.	{ Battle of Mechanicsville, '62. <i>Rainy.</i>	
27	Sa.	{ Battle of Gaines' Mill, '62. 28th. Bat. of the Chickahominy, '62.	
28	D.	4th S. after Trinity.	
29	Mo.	St. Pet. { Battles Peach Orchard and Savage's Sta., '62.	
30	Tu.	{ Battles Wh. Oak Swamp, Wh. Oak Crk, Charles City Cross Roads, '62.	

1863.

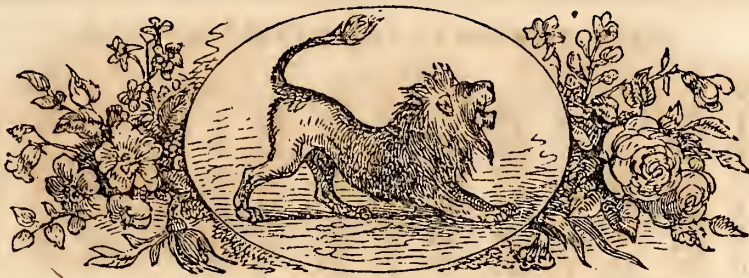
JULY, seventh Month.

Astronomical Calculations.

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.					
	1	23	N.	8	7	22	37	13	21	51	19	20	52	25	19
2	23		4	8	22	30	14	21	42	20	20	41	26	19	28
3	22		59	9	22	23	15	21	33	21	20	30	27	19	15
4	22		54	10	22	16	16	21	23	22	20	18	28	19	1
5	22		49	11	22	8	17	21	13	23	20	6	29	18	47
6	22		43	12	22	0	18	21	3	24	19	54	30	18	32

- Full Moon, 1st day, 2h. 2m., morning.
- ☾ Last Quarter, 7th day, 5h. 45m., evening.
- New Moon, 15th day, 6h. 9m., evening.
- ☽ First Quarter, 23d day, 4h. 48m., evening.
- Full Moon, 30th day, 8h. 50m., 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.	h. m.	h. m.			Morning h. m.	Evening h. m.		h. m.	h. m.	
1	W.	4 26	7 40	15 14	0 3	3	3	○	11 36	—	kn.	rises.	morn.		
2	Th.	4 27	7 40	15 13	0 4	4	4	16	0 2	0 28	legs	8 40	1 0		
3	Fr.	4 27	7 40	15 13	0 4	4	4	17	0 54	1 19	legs	9 17	1 59		
4	Sa.	4 28	7 40	15 12	0 5	4	4	18	1 44	2 8	feet	9 49	2 54		
5	SU.	4 28	7 39	15 11	0 6	4	4	19	2 31	2 54	feet	10 19	3 46		
6	Mo.	4 29	7 39	15 10	0 7	4	4	20	3 18	3 42	feet	10 49	4 36		
7	Tu.	4 29	7 39	15 10	0 7	5	5	21	4 7	4 32	h'd	11 19	5 24		
8	W.	4 30	7 38	15 8	0 9	5	5	22	4 59	5 27	h'd	11 50	6 12		
9	Th.	4 31	7 38	15 7	0 10	5	5	23	5 56	6 25	n'k	morn.	7 0		
10	Fr.	4 32	7 38	15 6	0 11	5	5	24	6 55	7 24	n'k	0 24	7 48		
11	Sa.	4 33	7 37	15 4	0 13	5	5	25	7 53	8 21	arm	1 3	8 37		
12	SU.	4 33	7 37	15 4	0 13	5	5	26	8 48	9 15	arm	1 47	9 27		
13	Mo.	4 34	7 36	15 2	0 15	5	5	27	9 40	10 4	arm	2 36	10 16		
14	Tu.	4 35	7 36	15 1	0 16	5	5	28	10 28	10 51	br.	3 29	11 4		
15	W.	4 36	7 35	14 59	0 18	6	6	●	11 12	11 31	br.	sets.	11 51		
16	Th.	4 37	7 34	14 57	0 20	6	6	1	11 50	—	h'rt	7 44	0 37		
17	Fr.	4 38	7 34	14 56	0 21	6	6	2	0 9	0 28	h'rt	8 13	1 21		
18	Sa.	4 38	7 33	14 55	0 22	6	6	3	0 46	1 5	h'rt	8 39	2 4		
19	SU.	4 39	7 32	14 53	0 24	6	6	4	1 24	1 42	bel.	9 4	2 46		
20	Mo.	4 40	7 32	14 52	0 25	6	6	5	2 0	2 19	bel.	9 29	3 29		
21	Tu.	4 41	7 31	14 50	0 27	6	6	6	2 39	2 59	rei.	9 56	4 12		
22	W.	4 42	7 30	14 48	0 29	6	6	7	3 19	3 41	rei.	10 25	4 58		
23	Th.	4 43	7 29	14 46	0 31	6	6	8	4 4	4 30	rei.	10 58	5 47		
24	Fr.	4 44	7 28	14 44	0 33	6	6	9	4 58	5 28	sec.	11 38	6 39		
25	Sa.	4 45	7 27	14 42	0 35	6	6	10	6 0	6 33	sec.	morn.	7 35		
26	SU.	4 46	7 26	14 40	0 37	6	6	11	7 8	7 43	thi.	0 25	8 35		
27	Mo.	4 47	7 25	14 38	0 39	6	6	12	8 18	8 52	thi.	1 21	9 37		
28	Tu.	4 48	7 24	14 36	0 41	6	6	13	9 25	9 57	kn.	2 26	10 39		
29	W.	4 49	7 23	14 34	0 43	6	6	14	10 27	10 55	kn.	3 40	11 40		
30	Th.	4 50	7 22	14 32	0 45	6	6	○	11 22	11 46	legs	rises.	morn.		
31	Fr.	4 51	7 21	14 30	0 47	6	6	16	—	0 9	legs	7 47	0 38		



Then bursts thy song from every leafy glade,  
 The yielding seasons' bridal serenade ;  
 Then flash the wings returning summer calls  
 Through the deep arches of her forest halls.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	W.	☾ in Per. ☿ gr. hel. lat. S.	<p>No time to lose now. Don't let the grass ripen under your feet. A good crop of grass, well cut and well cured, is a luxury to look at. It speaks right out, and tells more for the thrift of the farm, and the man who lives on it, than a volume of long lines. It is a record of work done and manure put on, and a promise of stock well kept and well fed.</p> <p>Don't you think we let our grass stand too long? I've been thinking it would be better to cut earlier. If we did n't get quite so much, it would be worth more, and go farther. It is the juice we want—the real heart—and not the dry crisp of a stalk ; and you know the best of the grass is just when it is coming into blossom. Then it is sweetest, and it never grows better, especially for cows in milk and for young stock. Cut early, and dry less, therefore, and try it for a year or two, and, my word for it, you will find it for your interest to try it longer.</p> <p>Don't mow round those big piles of rocks any longer. They ought to have been cleared off long ago. It is a shiftless practice, this picking rocks and letting them lie in heaps on the field. Mark my word, you'll never get a "pocket-full" of 'em in that way.</p>
2	Th.	{ 1st. Battle of Tur- key Bend, '62. High ti.	
3	Fr.	☉ in Apogee. Quite	
4	Sa.	{ INDEPENDENCE declared, 1776. warm, with	
5	D.	5th S. af. Trin. { Battle of Carthage, '61.	
6	Mo.	☿ gr. elong. W. showers.	
7	Tu.	{ C. C. ♂ ♀ W. Lenox.	
8	W.	{ Commencement at Tufts College. Low ti.	
9	Th.	Sugar-cane planted in Batavia this month. Cooler	
10	Fr.	♄ stationary. again.	
11	Sa.	☐ ♃ ☉. { 1st. Pres. Lin. calls out 300,000 more vols., '62.	
12	D.	6th S. af. Tr. ☾ runs high.	
13	Mo.	♂ ♀ ☾. ♂ ♀ ☾. Good	
14	Tu.	{ C. C. Bat. of Carnicks- Salem. ford, Va., '61. ♂ in	
15	W.	{ Com. at Har- vard College. ☾ in Apo.	
16	Th.	{ 12th. Bat. of Rich Mountain, '61. High ti.	
17	Fr.	Winter begins this month in N. Zealand. weather	
18	Sa.	♂ ♀ ☾. for some	
19	D.	7th S. af. Trinity. days.	
20	Mo.	♂ ♀ ☾. ♀ in ♄. ♀ gr. elong. E.	
21	Tu.	{ Battle of Bull Run, '61. ♀ in ♃. ♂ ♀ ☾.	
22	W.	{ Gen. McClellan in com. of Potomac army, '61. ♂ ♃ ☾.	
23	Th.	{ Com. at Yale and Dartm. Colleges. Variable,	
24	Fr.	♀ in Perihe. Low ti.	
25	Sa.	St. Ja. Dog d. begin.	
26	D.	8th S. af. Tr. ☾ runs l.	
27	Mo.	Cotton crop cleansed this month in S. Car. with	
28	Tu.	dashes of rain.	
29	W.	☾ in Perigee.	
30	Th.	{ 29th. Spanish Arma- da destroyed, 1588. Finer.	
31	Fr.	High tides.	

1863.

AUGUST, eighth Month.

Astronomical Calculations.

☉'s Declination.	Days			Days			Days			Days					
	d.	m.		d.	m.		d.	m.		d.	m.				
1	18	N. 3		7	16	27	13	14	42	19	12	48	25	10	47
2	17	48		8	16	10	14	14	24	20	12	28	26	10	26
3	17	32		9	15	53	15	14	5	21	12	9	27	10	5
4	17	16		10	15	36	16	13	46	22	11	49	28	9	44
5	17	0		11	15	18	17	13	27	23	11	28	29	9	23
6	16	44		12	15	0	18	13	8	24	11	8	30	9	2

☾ Last Quarter, 6th day, 5h. 21m., morning.

● New Moon, 14th day, 9h. 19m., morning.

☽ First Quarter 22d day, 1h. 35m., morning.

○ Full Moon, 28th day, 4h. 11m., evening.

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



Our children know each wildwood smell,  
 The bayberry and the fern;  
 The man who does not know them well  
 Is all too old to learn.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Sa.	{ The Nile in Egypt at its height. <i>Cooler.</i>	<p>Is n't it time to begin to cut up green corn fodder for the cows and other stock? I suppose you planted a piece for this purpose. It pays well, you know, when the pastures are dry and parched in the burning sun. - Have you ever thought what an enormous burden of fodder you can raise on an acre of ground well tilled, and sown thick with corn in rows? You would hardly believe me if I should tell what I have heard and seen too. It beats all. A good lot of extra fodder, roots, etc., helps out the season, both summer and winter. With fodder enough you can keep more stock; more stock will give you more manure; more manure will enable you to keep up the fertility of your land, and add to its profits. It's a good plan, I think, to stock up to the full capacity of the farm, and it is better to have to buy a little hay, than to sell, unless you have some extra facilities for getting manure.</p> <p>The purple-top strap-leaf turnip may be sown broadcast the first of this month, if you failed to get in the seed in July. Look again at the remarks made on top-dressing last year. Ploughing, ditching, draining, and sowing grass-seed, will fill up the month with useful and profitable work.</p>
2	D.	9th S. after Trinity.	
3	Mo.	♂ ☿ ☉ Sup. ♂ ♀ ☾.	
4	Tu.	{ C. C. ☿ gr. hel. lat. N. Plymouth. Indian corn planted in Egypt this month.	
5	W.	A	
6	Th.	Low tides. <i>storm</i>	
7	Fr.	Vintage in the island of Zante this month. <i>perhaps</i>	
8	Sa.	☾ runs high. <i>is near.</i>	
9	D.	10th S. af. Trin. ♂ ♂ ☾.	
10	Mo.	{ Battle of Springfield, Mo., '61. <i>Sultry</i>	
11	Tu.	☾ in Apogee. <i>weather.</i>	
12	W.	Peach-trees blossom, this month, in New Zealand. It is spring-time there. <i>Very fine</i>	
13	Th.	Tobacco planted this month at Port Natal. <i>again.</i>	
14	Fr.	♂ ♀ ☾. ♂ ♂ ☾. High tides.	
15	Sa.	♂ ♀ ☾. ♂ ♂ ☾. High tides.	
16	D.	11th S. af. Tr. <i>Rain may</i>	
17	Mo.	♂ ♀ ♃. <i>be</i>	
18	Tu.	♂ ♃ ☾. ♂ ♀ ☾. <i>be</i>	
19	W.	♂ ♃ ☾. 18th. ♂ ♀ ♂. <i>expected.</i>	
20	Th.	Cotton in blossom at this time in China.	
21	Fr.	22d. ☾ runs low.	
22	Sa.	♀ at gr. brilliancy.	
23	D.	12th S. af. T. Low ti.	
24	Mo.	St. Barth. - ♀ in Aph.	
25	Tu.	{ C. C. <i>Unsettled</i> Lawrence.	
26	W.	Cotton-picking usually begins this month in South Carolina.	
27	Th.	♂ in ☿. ☾ in Per.	
28	Fr.	{ Forts Mattered and Clark taken, '61. <i>for</i>	
29	Sa.	High tides. <i>some</i>	
30	D.	13th S. af. T. ♂ ♀ ☾. <i>days.</i>	
31	Mo.	{ Sun and clock nearly together.	

1863. SEPTEMBER, ninth Month.

Astronomical Calculations.

☉'s Declination.	Days.			Days.			Days.			Days.			Days.		
	d.	m.		d.	m.		d.	m.		d.	m.		d.	m.	
1	8	N.	18	7	6	5	13	3	49	19	1	30	25	0	51
2	7		56	8	5	43	14	3	26	20	1	6	26	1	14
3	7		34	9	5	20	15	3	3	21	0	43	27	1	37
4	7		12	10	4	57	16	2	39	22	0	N. 20	28	2	1
5	6		50	11	4	35	17	2	16	23	0	S. 4	29	2	24
6	6		28	12	4	12	18	1	53	24	0	27	30	2	48

☾ Last Quarter, 4th day, 8h. 25m., evening.

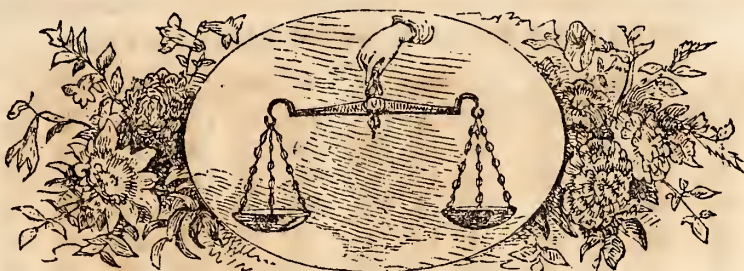
☉ New Moon, 12th day, 11h. 58m., evening.

☽ First Quarter, 20th day, 8h. 49m., morning.

☽ Full Moon, 27th day, 1h. 18m., morning.

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





But when the fiery days were done,  
 And Autumn brought his purple haze,  
 Then, kindling in the slanted sun,  
 The hill-sides gleamed with golden maize.

M.	D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Tu.	{ C. C. Lenox, Greenfield, Northampt. and Lowell.	<p>HAD N'T you better keep an eye on the melons and the fruit there in the garden? It's a shame a man can't lie down to rest, after a day's work, without the fear of thieves at his melon-patch and fruit-trees at night, to rob him of what he has looked forward to so long. Now, boys, I've a word to say to you on this subject. Don't you do it. It's worse than highway robbery. A man would rather have the money taken from his purse, than the fruit from his favorite tree, which he has planted with his own hand, and tended and watched from the start. It's mean to sneak round at night, or in broad daylight either, especially on a Sunday afternoon, to rob an orchard or a melon-patch. Robbing hen-roosts—about the meanest business that's done—is quite respectable to it. Hold on, then. Don't do a mean, cowardly thing; but, if the temptation is too strong, go up like a man, and ask farmer Goodman to give you a taste; or, what is better, go to work and raise some yourself. Never lose your self-respect. The law is very stringent on this subject, as it should be; but every manly boy, every boy who has any regard for his reputation, ought to be "a law to himself."</p>
2	W.	{ 1st. State Election in Vermont. <i>Finer</i>	
3	Th.	☾ runs high. <i>for</i>	
4	Fr.	5th. Dog d. end. ♂ ♀ ♀.	
5	Sa.	♀ sta. ♂ ♂ ☾. Low ti.	
6	D.	14th S. after Trinity.	
7	Mo.	6th. ♀ in Aph. <i>some</i>	
8	Tu.	{ C. C. Worcester. ♂ ♀ ♀. <i>days.</i>	
9	W.	8th. ☾ in Apogee.	
10	Th.	{ Battle of Lake Erie, 1813. <i>Changeable,</i>	
11	Fr.	{ Battle of Lake Champlain, '14. <i>with rain.</i>	
12	Sa.	{ Bat. of Cheat Mt., Virginia, '61. <i>Some</i>	
13	D.	15th S. af. Tr. High ti.	
14	Mo.	{ State Election in Maine. ♂ ♀ ☾. ♂ ♀ ☾.	
15	Tu.	♂ ♀ ☾. <i>frost.</i>	
16	W.	♀ gr. elong. E. ♂ ♀ ☾.	
17	Th.	♂ ♀ ☾. <i>More rain</i>	
18	Fr.	16th. ♀ gr. hel. lat. S.	
19	Sa.	{ 20th. Battle of Lexington, Mo., '61. ☾ runs l.	
20	D.	16th S. af. Tr. <i>is</i>	
21	Mo.	St. Matth. Low tides.	
22	Tu.	{ C. C. Taunton and Dedham. <i>at hand.</i>	
23	W.	☺ en- Autumn begins. Days and nights nearly eq.	
24	Th.	♂ ♀ ♂. ☾ in Per.	
25	Fr.	{ 28th. Detroit evac. by the Brit., '13. <i>Becomes</i>	
26	Sa.	27th. ♂ ♀ ☾. <i>finer</i>	
27	D.	17th S. af. Trinity.	
28	Mo.	♂ ♀ ☺ Inf. ♀ sta.	
29	Tu.	Mich. Day. High ti.	
30	W.	♂ stationary. <i>again.</i>	

1863.

OCTOBER, tenth Month.

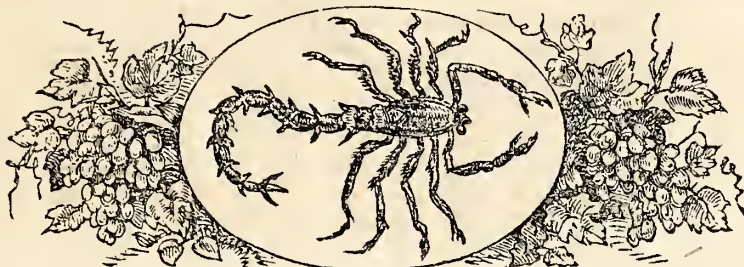
Astronomical Calculations.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	3	S.	11	7	5	30	13	7	47	19	9	59	25	12
2	3		34	8	5	53	14	8	9	20	10	21	26	12	27
3	3		57	9	6	16	15	8	31	21	10	42	27	12	48
4	4		21	10	6	39	16	8	53	22	11	4	28	13	8
5	4		44	11	7	1	17	9	16	23	11	25	29	13	28
6	5		7	12	7	24	18	9	37	24	11	46	30	13	48

- ☾ Last Quarter, 4th day, 2h. 37m., evening.
- New Moon, 12th day, 1h. 58m., evening.
- ☽ First Quarter, 19th day, 3h. 22m., evening.
- Full Moon, 26th day, 1h. 11m., evening.

Days of Month.	Days of the Week.	☉		Length of Days.		Day's Decre.		☉ F.	☽ A.	Full Sea, Boston.		☽'s Place.	☽ R. S.		☽ Souths.
		Rises. h. m.	Sets. h. m.	h. m.	h. m.	h. m.	h. m.			Morn'g h. m.	Evening h. m.		h. m.	h. m.	
1	Th.	5 56	5 43	11 47	3 30	10 19	1 56	2 19	arm	8 22	3 7				
2	Fr.	5 58	5 41	11 43	3 34	11 20	2 42	3 5	arm	9 11	3 58				
3	Sa.	5 59	5 39	11 40	3 37	11 21	3 29	3 55	arm	10 4	4 49				
4	SU.	6 05	5 37	11 37	3 40	11 22	4 21	4 47	br.	11 0	5 37				
5	Mo.	6 15	5 36	11 35	3 42	12 23	5 15	5 43	br.	11 57	6 25				
6	Tu.	6 25	5 34	11 32	3 45	12 24	6 10	6 37	h'rt	morn.	7 10				
7	W.	6 35	5 32	11 29	3 48	12 25	7 5	7 32	h'rt	0 55	7 55				
8	Th.	6 45	5 31	11 27	3 50	12 26	7 58	8 22	h'rt	1 54	8 38				
9	Fr.	6 55	5 29	11 24	3 53	13 27	8 46	9 9	bel.	2 54	9 21				
10	Sa.	6 65	5 27	11 21	3 56	13 28	9 32	9 54	bel.	3 55	10 5				
11	SU.	6 85	5 26	11 18	3 59	13 29	10 16	10 37	rei.	4 57	10 50				
12	Mo.	6 95	5 24	11 15	4 2	13 ●	10 58	11 19	rei.	6 1	11 37				
13	Tu.	6 105	5 22	11 12	4 5	14 1	11 40	—	sec.	sets.	0 26				
14	W.	6 115	5 21	11 10	4 7	14 2	0 0	0 21	sec.	6 19	1 18				
15	Th.	6 135	5 19	11 6	4 11	14 3	0 43	1 7	sec.	7 5	2 14				
16	Fr.	6 145	5 18	11 4	4 13	14 4	1 32	1 57	thi.	7 59	3 11				
17	Sa.	6 155	5 16	11 1	4 16	15 5	2 23	2 49	thi.	9 1	4 9				
18	SU.	6 165	5 14	10 58	4 19	15 6	3 16	3 44	kn.	10 8	5 7				
19	Mo.	6 175	5 13	10 56	4 21	15 7	4 14	4 45	kn.	11 17	6 3				
20	Tu.	6 185	5 11	10 53	4 24	15 8	5 17	5 50	legs	morn.	6 58				
21	W.	6 195	5 10	10 51	4 26	15 9	6 23	6 55	legs	0 28	7 50				
22	Th.	6 215	5 8	10 47	4 30	15 10	7 26	7 56	feet	1 39	8 41				
23	Fr.	6 225	5 7	10 45	4 32	16 11	8 25	8 53	feet	2 50	9 31				
24	Sa.	6 235	5 5	10 42	4 35	16 12	9 19	9 45	h'd	4 0	10 22				
25	SU.	6 245	5 4	10 40	4 37	16 13	10 10	10 35	h'd	5 9	11 12				
26	Mo.	6 255	5 2	10 37	4 40	16 ○	10 58	11 19	n'k	6 18	morn.				
27	Tu.	6 265	5 1	10 35	4 42	16 15	11 40	—	n'k	rises.	0 3				
28	W.	6 285	5 0	10 32	4 45	16 16	0 2	0 24	n'k	6 12	0 55				
29	Th.	6 294	5 8	10 29	4 48	16 17	0 46	1 9	arm	7 0	1 47				
30	Fr.	6 304	5 7	10 27	4 50	16 18	1 32	1 54	arm	7 52	2 39				
31	Sa.	6 324	5 5	10 23	4 54	16 19	2 16	2 39	br.	8 48	3 29				

OCTOBER hath 31 days. 1863.



Now glows the apple with its pencilled streak  
 Of morning painted on its southern cheek ;  
 The pear's long necklace, strung with golden drops,  
 Arched like the banian o'er its pillared props.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Th.	2d. $\delta \text{ } \text{h} \odot$ . $\delta \text{ } \text{f} \odot$ .	<p>Now we may as well begin to think how these long evenings are to be spent, so as to make the most of them. An active mind cannot be idle. Sloth consumes faster than labor wears, and, at any rate, it is better to wear out than to rust out. The key that is often used is always bright. Time is the stuff that life is made of. Don't we spend more of it in sleep than is necessary? We shall have sleeping enough in the grave ; let us not sleep our lives away, nor idle away time in useless lounging. Many a young man has begun a golden career of success by improving his evenings, and making the most of his time.</p> <p>Now, how is it about the school, the lyceum, the farmer's club? Have you an agricultural library in your neighborhood? What books have you selected for the winter's reading? Do you mean to leave this subject to chance, and read only what happens to come in your way? There's a better way than that. Sit down and make a list of what you will read and study, and stick to it. Get the best standard works on agriculture and the sciences connected with it. If you don't master them all, they'll suggest a thousand things that will be useful in your work on the farm.</p>
2	Fr.	$\delta \text{ } \text{f} \text{ } \text{h}$ . $\text{C}$ runs high.	
3	Sa.	{ Bat. of Green- briar, Va., '61. <i>Continues</i>	
4	D.	18th S. af. Trinity. <i>cool</i>	
5	Mo.	$\text{C}$ in Apogee. Low ti.	
6	Tu.	{ C. C. Springfield. <i>and wet.</i>	
7	W.	{ 5th. Battle of Mo- ravian Town, '13. <i>Much</i>	
8	Th.	{ Vermont Legis- lature meets. <i>finer</i>	
9	Fr.	{ Battle of Santa Rosa Island, Florida, '61. <i>again.</i>	
10	Sa.	$\delta \text{ } \text{f} \text{ } \text{C}$ . 11th. $\delta \text{ } \text{f} \odot$ In.	
11	D.	19th S. af. Trinity.	
12	Mo.	$\delta \text{ } \text{h} \text{ } \text{D}$ . $\delta \text{ } \text{f} \text{ } \text{f}$ . $\delta \text{ } \text{f} \text{ } \text{C}$ .	
13	Tu.	{ C. C. Newburyport and Barnstable. $\delta \text{ } \text{f} \text{ } \text{C}$ .	
14	W.	High tides. <i>Expect</i>	
15	Th.	{ 17th. Surrender of Burgoyne, 1777. <i>high</i>	
16	Fr.	$\text{f}$ in $\text{Q}$ . $\text{C}$ runs low.	
17	Sa.	$\text{f}$ stationary.	
18	D.	20th S. af. Tr. St. Lu. Ev.	
19	Mo.	$\text{f}$ sta. 20th. $\text{C}$ in Per.	
20	Tu.	$\text{f}$ in Perih. Low tides.	
21	W.	{ Massacre of Ball's Bluff, '61. $\delta \text{ } \text{f} \text{ } \text{h}$ .	
22	Th.	{ 21st. Battle of Fred- ericktown, Mo., '61. <i>winds.</i>	
23	Fr.	{ 19th. Surrender of Cornwallis, 1781. <i>Colder,</i>	
24	Sa.	$\delta \text{ } \text{f} \text{ } \text{C}$ . <i>with</i>	
25	D.	21st S. af. Trinity. <i>a</i>	
26	Mo.	{ Rhode Island Leg. meets. $\text{f}$ gr. clo. W.	
27	Tu.	High tides. <i>storm</i>	
28	W.	St. Sim. and St. Jude.	
29	Th.	$\text{C}$ runs high. <i>of</i>	
30	Fr.	$\delta \text{ } \text{f} \text{ } \text{C}$ . <i>rain or snow.</i>	
31	Sa.	$\text{f}$ gr. hel. lat. N. $\delta \text{ } \text{f} \odot$ .	

1863.

NOVEMBER, eleventh Month.

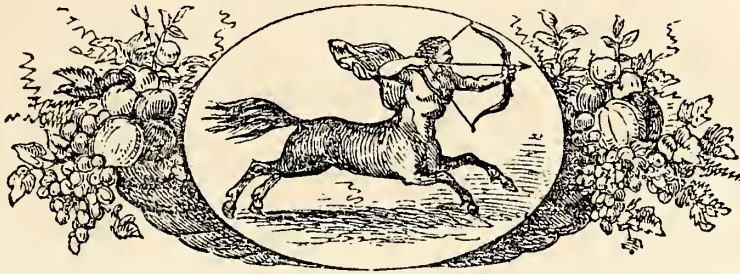
Astronomical Calculations.

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	14	S.	27	7	16	18	13	17	59	19	19	29	25	20
2	14		46	8	16	35	14	18	15	20	19	43	26	20	58
3	15		5	9	16	53	15	18	30	21	19	56	27	21	9
4	15		23	10	17	10	16	18	45	22	20	9	28	21	20
5	15		42	11	17	26	17	19	0	23	20	22	29	21	30
6	16		0	12	17	43	18	19	15	24	20	34	30	21	40

- ☾ Last Quarter, 3d day, 10h. 50m., morning.
- ☉ New Moon, 11th day, 3h. 15m., morning.
- ☽ First Quarter, 17th day, 10h. 21m., evening.
- ☾ Full Moon, 25th day, 4h. 17m., morning.

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

NOVEMBER hath 30 days. 1863.



Clear the brown path to meet his coulter's gleam ;  
 Lo ! on he comes behind his smoking team,  
 With toil's bright dew-drops on his sun-burnt brow,  
 The lord of earth, the hero of the plough.

D. M.	D. W.	Aspects, Holidays, Events Weather, &c.	Farmer's Calendar.
1	D.	22d S. af. Tr. All Sts. D.	<p>WHEN is the best time to set out trees? It does not matter much whether it be spring or fall. But other work is less pressing at this season than in April or May. Fruit-trees, such as apples and pears, may be set in either season. Evergreens, like pines, should be set in June or July.</p> <p>The main point, and the great secret of success in getting trees into a rapid and vigorous growth, lies in the preparation of the soil, and the mode of doing the work. I know a man who hired another by the day to set out a lot of trees which he had bought. The man went to work, and at the end of the first day had set out but half a dozen or so. His employer got disgusted at his slow progress, blew him up, and discharged him. The next day another man set out the balance, some fifty or sixty ; and now the owner gets more from the half dozen than from the whole sixty. There is the cost of trees, the loss of growth, the waste of land, and the disappointment. I tell you it does n't pay to slight work in setting out trees. It is cheating yourself. Take them up with great care, and save the roots. Dig deep and large holes, and set them carefully.</p>
2	Mo.	☾ in Apogee. Quite	
3	Tu.	{ State Election in Massachusetts. cool,	
4	W.	1st. Scott resigns com. in ch. of Am. Army, and McClellan ap. in his place, '61. Low	
5	Th.	5th. ♀ at gr. bril. but tides.	
6	Fr.	{ Battle of Port Royal, S. Carolina, '61. ♂ ♀ ☾.	
7	Sa.	23d S. af. Tr. { Battle of Belmont, Mo. '61.	
8	D.	{ Battle of Pikeville, Ky., '61. ♂ ♀ ♂. fine.	
9	Mo.	♂ ♂ ☾. ♂ ♀ ☾. ♂ ♀ ☾.	
10	Tu.	{ C. C. ♀ in ♀. It	
11	W.	{ Edgartown. ☾ runs low. High ti.	
12	Th.	♂ ♀ ♀. 10th. ☽ eclips. invis.	
13	Fr.	☾ in Perigee. becomes	
14	Sa.	24th S. af. Tr. colder,	
15	D.	{ 15th. Articles of Confederation adopted, 1777.	
16	Mo.	{ 18th. Fort Leno evac., 1776. with	
17	Tu.	Low tides. some	
18	W.	{ 18th. Fort Mercer evacuated, 1777. stormy	
19	Th.	♂ ♀ ☾. weather.	
20	Fr.	♂ ♂ ♀.	
21	Sa.	25th S. af. Trin. Fine	
22	D.	{ Pensacola bombarded, '61. ♀ in ♀.	
23	Mo.	{ Mason and Slidell arrive at Fort Warren, '61. for	
24	Tu.	24th. ☾ ecl. visible.	
25	W.	♂ ♂ ☾. High ti. some	
26	Th.	26th. ☾ runs high.	
27	Fr.	{ 25th. British evacuate N. York, 1783. days.	
28	Sa.	1st S. in Advent.	
29	D.	St. And. ☾ in Apo.	
30	Mo.		

1863. DECEMBER, twelfth Month.

Astronomical Calculations.

☉'s Declination.	Days			Days			Days			Days				
	d.	m.		d.	m.		d.	m.		d.	m.			
1	21	49	7	22	38	13	23	10	19	23	26	25	23	25
2	21	59	8	22	44	14	23	14	20	23	27	26	23	23
3	22	7	9	22	50	15	23	17	21	23	27	27	23	20
4	22	16	10	22	56	16	23	20	22	23	27	28	23	18
5	22	23	11	23	1	17	23	22	23	23	27	29	23	14
6	22	31	12	23	6	18	23	24	24	23	26	30	23	11

- ☾ Last Quarter, 3d day, 7h. 30m., morning.
- ☽ New Moon, 10th day, 3h. 39m., evening.
- ☽ First Quarter 17th day, 7h. 2m., morning.
- ☽ Full Moon, 24th day, 10h. 6m., evening.

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



Call him not old whose visionary brain  
 Holds o'er the past its undivided reign.  
 For him in vain the envious seasons roll,  
 Who bears eternal summer in his soul.

M. D.	W. D.	Aspects, Holidays, Events, Weather, &c.	Farmer's Calendar.
1	Tu.	C. C. Northampton. ♂ ♀ ☉ Sup.	<p>THE year is drawing to a close. But there's a month left. Time enough to do a good deal in the way of providing for winter. See to your boys. They had better be at school, learning the "three R's, Reading, 'Riting and 'Rithmetic," as old Capt. What's-his-name used to say, than at the store or tavern, learning the three S's, Smoking, Swearing and Soaking. Have you put away the summer tools where you can find them again in the spring as good as you left them? If you heat them a little at the fire, and rub on a little beeswax, you can keep them as bright and perfect as new. Bank up the house, if it needs it, with tan bark, or something as good. When the first snow falls you can save your fruit-trees by treading the snow down hard and closely around them. The mice are often very destructive.</p> <p>Stock of all kinds needs the best of care at this season of the year. Warm but well-ventilated barns, a plenty of good, wholesome water, with enough to eat at regular hours, covers all that need be said, except that exposure to the cold, driving winds of winter is not at all necessary to "toughen" them. A mixture of food, or a frequent change, is of very great advantage.</p>
2	W.	{ 4th. J. C. Breckinridge expelled from U. S. Sen., unan., '61.	
3	Th.	♀ in Aphelion. <i>Clear,</i>	
4	Fr.	Low tides. <i>but</i>	
5	Sa.	{ Gen. Halleck orders arrest of insurgents in Mo., '61. <i>cold.</i>	
6	D.	2d S. in Adv. ♂ ♀ ☉.	
7	Mo.	♂ ♀ ☉. <i>Very</i>	
8	Tu.	{ C. C. Greenfield. ♂ ♀ ☉. ♂ ♂ ☉.	
9	W.	♀ gr. elong. W. <i>fine</i>	
10	Th.	♂ ♀ ☉. ☉ runs low.	
11	Fr.	{ Great fire at Charleston, S. C., '61. <i>High ti.</i>	
12	Sa.	☉ in Perigee. <i>for</i>	
13	D.	3d S. in Adv. <i>the</i>	
14	Mo.	♀ in Perihel. <i>season.</i>	
15	Tu.	♂ ♂ ☉. ☉ stationary.	
16	W.	{ 17th. Bonaparte issues Milan Decree, 1807. <i>High</i>	
17	Th.	{ 18th. Gen. Pope surpris. camp near Martinsburg, took 1300 pris., '61.	
18	Fr.	♂ ☉ ☉. Low tides.	
19	Sa.	{ 20th. Battle at Drainsville, Virginia, '61. <i>winds.</i>	
20	D.	4th S. in Advent.	
21	Mo.	St. Tho. 22d. ☉ enters ♃. Wint. beg.	
22	Tu.	{ C. C. Springfl., Worcester, and Ipswich, Sal., or Newb't, as ord. by Ct.	
23	W.	♂ in ☉. Shortest day. ☉ runs h.	
24	Th.	♂ ♂ ☉. ♀ gr. hel. lat. S. <i>High ti.</i>	
25	Fr.	Christmas Day. <i>Cool,</i>	
26	Sa.	St. Stephen. <i>with rain</i>	
27	D.	1st S. af. Ch. St. Jn. Ev.	
28	Mo.	Holy In. ☉ in Apo. <i>or</i>	
29	Tu.	{ 27th. Mason and Slidell sur. to Br. Minister, '61. <i>snow.</i>	
30	W.	{ C. C. Dedham. <i>Blustering</i>	
31	Th.	☉ in Perigee. <i>weather.</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 in 1853, 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 1862.)

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

BOSTON POLICE COURT, for criminal business, every day, at 9 A. M. and 3 P. M., except Saturday, when the afternoon session is omitted; — for civil business, 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, Charlestown.

## 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 Tuesday in March, 3d Tues. in July, 4th Tues. in Sept., and 3d Tues. in Dec. At New Haven, 1st Tues. in March, 2d Tues. in May, 1st Tues. in Sept., 2d

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. 1862.)

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 Dec. At Haddam, 2d Tues. in April, and 1st Tues. Sept. 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 1862.)

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. in 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, 1st Tues. in June, and Bennington, 1st Tues. in Dec. Newfane, 2d Tues. in April and Sept. Woodstock, 4th Tues. in May, and 1st in Dec. Chelsea, 2d Tues. in Jan. and 3d in June. Burlington, 1st Tues. in April, and 4th 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 1862.)



## COURTS IN THE STATE OF RHODE ISLAND.

**SUPREME COURT.** — 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.

**COURT 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 1862.)

## COURTS IN THE STATE OF NEW HAMPSHIRE.

**SUPREME JUDICIAL COURT.** — **LAW TERMS.** — The Supreme Judicial Court shall hold terms thereof, to be called Law Terms, annually, within the four Judicial Districts, at the times and places following: Exeter, 3d Tues. of June, and Dover, 3d Tues. of Dec., for the counties of Rockingham and Strafford; at Manchester, 1st Tues. of June, and Concord, 1st Tues. of Dec., for the counties of Merrimack and Hillsborough; at Keene, 1st Tues. of July, and Newport, 4th Tues. of Dec., for the counties of Cheshire and Sullivan; at Lancaster, 3d Tues. of July, and Haverhill, Tues. next after 4th Tues. of Dec., for the counties of Grafton and Coös.

**SUPREME JUDICIAL COURT.** — **TRIAL TERMS.** — At Portsmouth, 3d Tues. of Oct., and Exeter, 3d Tues. of January and 2d Tu. of 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, 4th Tues. of Mar., and the 4th Tues. of Sept., 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 Coös.

### TERMS OF THE PROBATE COURT.

**ROCKINGHAM CO.:** Exeter, Wed. next after 1st Tues. of Nov. and April, Wed. next after 3d Tues. of Feb., March and Dec., and Wed. next after 2d Tues. of every other month. Portsmouth, 1st Tues.

of Nov., 3d Tues. of March, and 2d Tues. of Jan., May, July and Sept. Plaistow, 1st Tues. of Aug. and Dec., and 3d Tues. of May. Derry, Wed. after 1st Tues. of Aug. and Dec., and Wed. after 3d Tues. of May. Chester, Thurs. after 1st Tues. of Aug. and Dec., and Thurs. after 3d Tu. of May. Deerfield, Frid. after 1st Tues. of Aug. and Dec., and Frid. after 3d Tues. of May. Act of June, 1858. — **STRAFFORD CO.:** Dover, 1st Tues. of Jan., March, May, Aug. and Oct. Rochester, 1st Tues. of July and Dec. Farmington, 1st Tues. of April and Sept. Somersworth, 1st Tu. of Feb., June and Nov. — **BELKNAP CO.:** Gilford, 3d Tues. of every month. — **CARROLL CO.:** Ossipee Corner, 1st Tues. of Mar., June, Sept. and Dec. Conway, 1st Tu. of Jan., Ap., July and Oct. Tamworth, 1st Tues. of Feb., May, Aug. and Nov. — **MERRIMACK CO.:** Concord, 4th Tues. of every month. — **HILLSBOROUGH CO.:** Manchester, 4th Tues. of Jan., Mar., May, July, Sept. and Nov. Nashua, 4th Tues. of Feb., April, June, Aug., Oct. and Dec. Frankestown, Frid. after 4th Tues. Jan., April, July and Oct. Amherst, Frid. aft. 4th Tues. Feb., June, Sept. and Dec. Peterborough, Frid. after 4th Tues. of May and Aug. Mason Village, Frid. after 4th Tues. of Mar. and Nov. Act of June, 1859. — **CHESHIRE CO.:** Keene, 1st and 3d Tu. every month. — **SULLIVAN CO.:** Newport, last Wed. of Feb., April, June, Aug., Oct. and Dec. Claremont, last Wed. of Jan., Mar., May, July, Sept. and Nov. — **GRAFTON CO.:** Haverhill, 3d Tues. of Ap. and Oct. Plymouth, 3d Tu. of May and Nov. Canaan, 3d Tu. of June and Dec. Lisbon, 3d Tu. March and Sept. Bristol, 3d Tu. July. Littleton, 3d Tu. Jan. Wentworth, 3d Tu. Feb. and Aug. — **COÖS CO.:** Colebrook, 1st Tu. Sept. Lancaster, 1st Tues. Jan., March, May and Nov. Berlin, 1st Tu. July. (Corrected 1862.)

## 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 Tues. March, Aug., and Nov. Farmington, 3d Tues. April and October. Norridgewock, 3d Tues. March, Sept., and Dec. Augusta, 1st Tues. March, 3d Tues. August, and 4th Tues. Nov. Wiscasset, 1st Tues. Jan. and Oct., and 3d Tues. April. Belfast, 1st Tues. Jan., May,

and Oct. Bangor, 1st Tues. Jan., April, and Oct. Machias, 1st Tues. Jan. and Oct., and 4th Tues. April. 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. Rockland, 2d Tues. of Feb., 2d Tues. of May, and 4th Tues. of Oct.

**SUPREME JUDICIAL COURTS. CRIMINAL.** — Portland, 1st Tues. March, last Tues. July, and last Tues. Nov. Bangor, 1st Tues. Feb. and Aug. (Corrected 1862.)

## SUPREME JUDICIAL AND SUPERIOR COURTS IN MASSACHUSETTS. (CORRECTED 1862)

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., at New Bedford, 2d Tues. of Nov.; also at Taunton, 3d Tues. of April. For Essex Co., at Salem, 3d Tu. of April and 1st Tu. Nov. For Franklin Co., at Greenfield, 2d Tu. of April. For Hampden Co., at Springfield, 4th Tues. of April. For Hampshire Co., at Northampton, 3d Tues. of April. For Middlesex Co., at Lowell, 3d Tues. of April; also at Cambridge, 3d Tues. of Oct. 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 May. For Suffolk Co., at Boston, 1st Tues. of October and April. For Worcester Co., at Worcester, 2d Tues. of April.

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

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

At Springfield, for Hampden Co., 3d Mon. after 1st Tues. of Sept.

At Northampton, for Hampshire and Franklin Cos., Mon. next after 2d Tues. of Sept.

At Worcester, for Worcester Co., 4th Tues. after 1st Tues. of Sept.

At Plymouth, 3d Tues. of Oct.

At Taunton, 4th Tues. of Oct.

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

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

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

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

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

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

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

For Plymouth Co., at Plymouth, 2d Mon. of Feb. and June, and 4th Mon. of Oct.

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

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

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

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

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

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

## PROBATE AND INSOLVENCY COURTS IN MASSACHUSETTS.

JUDGES. (CORRECTED 1862.)

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 Boston, every Mon. in each month, except July.

**COUNTY OF ESSEX.**—At Salem, 1st Tues. of each month; at Lawrence, 2d Tues. of each month, except April, May, July, Aug. and Oct.; at Gloucester, 2d Tues. of April and Oct.; at Newburyport, 3d Tues. of each month, except March, May, Aug., Sept., and Nov.; at Haverhill, 3d Tues. of May and Nov.; at Ipswich, 3d Tues. of March and Sept.

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

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

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

**COUNTY OF HAMPDEN.**—At Springfield, 1st Tues. of Jan., Feb., March, April, June, July, and Nov., and 4th Tues. of April, Aug. and Sept.; at Westfield, 3d Tues. of March, June, Sept. and Dec.; at Monson, 2d Tues. of June; and at Palmer, 2d Tues. of Sept.

**COUNTY OF FRANKLIN.**—At Greenfield, 1st Tues. of every month except Nov.; at Northfield, 2d Tues. of May and Sept.; at Orange, 2d Tues. of March and Dec.; at Lock's Village, in Shutesbury, 2d Tues. of July; at Conway, 3d Tues. of May; at Charlemont, 4th Tues. of May; at Shelburne Falls, 2d Tues. of Feb. and 4th Tues. of Oct.

**COUNTY OF BERKSHIRE.**—At Lenox, 1st Tues. of Jan., Feb., March, April, May, June, Sept., Oct. and Dec., 3d Tues. of July, and 2d Tues. of Nov.; at Great Barrington, Wed. next after 1st Tues. of Feb.

and May, next after 3d Tues. of July, and next after 2d Tues. of Nov.; at Lanesborough, 2d Tues. of Jan. and Oct., and 4th Tues. of April and July; at Adams, Wed. next after 2d Tues. of Jan. and Oct., and next after 4th Tues. of April and July.

**COUNTY OF NORFOLK.**—At Dedham, 1st Tues. of every month; at Quincy, 4th Tues. of Feb., May, Aug. and Nov.; at Roxbury, every Saturday, except the 3d, 4th and 5th Sat. of July, and the 1st and 2d Sat. of Aug.; at Wrentham, 3d Tues. of May, Aug. and Nov.; at Medway, 3d Tues. of Feb., June, and Oct.

**COUNTY OF BRISTOL.**—At Taunton, 1st Frid. of March, June, Sept. and Dec.; at New Bedford, 1st Frid. of Feb., May, Aug., and Nov.; at Pawtucket, 1st Tues. of April; at Fall River, 1st Frid. of Jan., April and Oct., and 2d Frid. of July.

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

**COUNTY OF BARNSTABLE.**—At Barnstable, 2d Tues. of Jan., Feb., March, Aug., Sept. and Dec., and 3d Tues. of May and June; at Sandwich, 2d Tues. after 1st Mon. of Nov.; at Falmouth, 2d Wed. after 1st Mon. of Nov.; at Harwich, 3d Mon. of April and last Mon. of Oct.; at Brewster, Tues. next after 3d Mon. of April; at Dennis, Thurs. next after 2d Tues. of Oct.; at Orleans, Wed. next after 3d Mon. of April, and Tues. next after last Mon. of Oct.; at Wellfleet, Wed. next after last Mon. of Oct.; at Truro, Thurs. next after 3d Mon. of April; and at Provincetown, Frid. next after 3d Mon. of April, and Thurs. next after last Mon. of Oct.

**DUKES COUNTY.**—At Holmes' Hole village, in Tisbury, on the 3d Mon. of April, and 1st Mon. of Sept.; at Edgartown, 3d Mon. of Jan. and July, and 1st Mon. of March and Dec.; and at West Tisbury, 1st Mon. of June, and 3d Mon. of Oct.

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

(CORRECTED 1862.)

**NEGROES ON THIS CONTINENT.**—There are some fourteen millions persons of African descent on this continent. In the U. States there are 4,500,000; Brazil, 4,150,000; Cuba, 1,500,000; South and Central Am. Republics, 1,200,000; Hayti, 2,000,000; Brit. Possessions, 800,000; French, 250,000; Dutch, Danish and Mexican, 200,000.

## THE STOCK ON OUR FARMS.

[Continued from p. 34 of last year.]

THE term "native," or "scrub," is applied to a vast majority of our American cattle, which, though born on the soil, and thus in one sense natives, do not constitute a breed, race, or family. They do not possess characteristics peculiar to them all, which they transmit with any certainty to their offspring, either of form, size, color, milking, or working properties.

It does not follow, to be sure, that because an animal is made up of a mixture of blood, almost to infinity, he may not be, as an individual animal, and for specific purposes, one of the best of the species; and for particular purposes individual animals might be selected from among those commonly called "natives" in New England, and "scrubs" at the south and west, equal, and perhaps superior, to any among the families produced by the most skilful breeding, notwithstanding the fact that they have sprung from a great variety of cattle procured at different times on the continent of Europe, in England, and in the Spanish West Indies, brought together without any regard to fixed principles of breeding, but from individual convenience, and by accident.

But it is true that our native cattle possess neither the size, the symmetry, nor the early maturity of the short-horns; they do not, as a general thing, possess the fineness of bone, the beauty of form and color, nor the activity of the Devons or the Herefords; nor do they possess that uniform goodness and quantity of milk of the Ayrshires, nor the surpassing richness of milk of the Jerseys; but, above all, they do not possess the power of transmitting the many good qualities, which they often possess in an extraordinary degree, to their offspring, which is a characteristic of all well-established breeds.

Now, to build up a breed or family on such a foundation, simply by taking the best of the so-called natives, requires great experience in selection, a quick and sure eye, and judgment of the true points in stock, a mind eminently unprejudiced, and a patience and perseverance perfectly indefatigable and untiring.

The mode of improvement adopted has been to select animals from races already improved and well-nigh perfected, to cross with our cattle, taking such animals from the well-established breeds as are best calculated for the special purposes for which we want them. If our object is to improve stock for the dairy, taking such only as belong to a race distinguished for dairy qualities; or, if resort must be had to other breeds less remarkable for such qualities, such only as have descended from large and generous milkers. We ought to be able to rely upon getting the qualities we seek.

Milking or dairy qualities do not belong to any one breed or race exclusively, though, as they depend mainly on structure and temperament, hereditary to a considerable extent, they are themselves transmissible. In almost every breed we can find individual milkers which greatly surpass the average of the cows of the same family, and from such, many suppose good crosses may be expected without much regard to other circumstances. It is not accidental good qualities that we want, so much as those which are surely transmissible.

Now it can be clearly shown that there has been a large increase in the number of the cattle of the country. But it can be clearly shown, also, that there has been a positive improvement in the intrinsic qualities of the common stock of the country as a whole. I am far from detracting from the merits of our native cattle. They are far better than could have been expected from the loose manner in which they were "made up." Many of them have great merit, and individual animals are to be found among them which would be hard to beat by any pure bred animals.

As working oxen, the native cattle of New England are unsurpassed by any in the known world, and they have the reputation of being so both in other parts of the country and in Europe, where their qualities are known. But they have their defects, and it is useless to blind our eyes to them.

## THE UNITED STATES CENSUS.

THE census of this country, owing to the grossly imperfect manner in which it is taken, is one of the most atrocious humbugs there is out. There is not, probably, a town in New England that does not teem with examples of the most glaring inaccuracies. Fortunately, in Massachusetts, the returns of the assessors of towns were taken *at the same time*, for the use of the valuation committee, and afford the means of correction in many cases.

**HORSES.**—For instance, the assessors return 90,712 horses in Massachusetts, in 1860, and this was without doubt very nearly accurate. But the assistant marshals, who took the census statistics, return, *at the same time*, but 47,679, — a difference of 43,033 in number, and of no less than \$3,485,675 in value! Three and a half millions *in one item!*

**HAY.**—The assessors returned 702,285 tons of hay as raised in the State; while the U. S. census returns but 668,628 tons, or 33,656 tons less than the assessors!

**COWS.**—The assessors the same year returned the number of cows as 160,952; while the U. S. census returned but 134,475, — a difference of 26,507.

These items alone make a difference in the valuation of the State of about five millions of dollars! And yet these items, and such as these, are to be laid before the people *as the results of official inquiries into the present condition of the agriculture of Massachusetts!*

In the returns of one town not a single ton of hay is returned among the products of *forty farms*. More than 4000 pounds of *rice* are returned by the census as raised in the State, when it is well known that not a pound was ever raised in it.

How long will the work be entrusted to political favorites, without regard to fitness for collecting these important statistics?

## AGRICULTURE IN SCHOOLS.

It is a remarkable fact that most of the attempts at founding agricultural colleges in Europe have failed to realize expectations. Some few are still maintained for the education and preparation of bailiffs or stewards, or, in other words, foremen on great estates; but not an agricultural college in Europe can claim to have met with eminent success. The true way for us is to begin at the foundation, in the common school. Then all have the benefit of practical instruction.

Agriculture is the grand interest of this country; the greatest material interest of the civilized world. A knowledge of the principles which underlie all intelligent practice of this art is useful, not only to farmers, but to men in all the walks of life. Is it not vastly more important to understand the nature and properties of the air we breathe, the water we drink, the soil on which we all depend for subsistence, and the best practical means of obtaining this subsistence, than to be able to solve a problem in equations, to name the rivers in Ethiopia and Siberia, or to become familiar with the isolated facts of ancient, or even modern history?

## THE BEST CHURN.

OF the infinite number of patents and new inventions for churning, there is probably no form equal to the simple square box, as first described and illustrated in a new edition of *Milch Cows and Dairy Farming*. It has many decided advantages. It is cheap. Any one can make it. It churns the cream completely, and leaves none adhering to the sides to make the butter streaky. It is hung on axles, has no dasher, and yet brings the butter as quickly as any other churn. It gives the cream a compound motion, and dashes it with great force against the sides and right-angled corners. If any one doubts that this is the cheapest and best form of churn ever invented, he can make one and prove it. It costs but little.

## INSECTS INJURIOUS TO VEGETATION.

Among our insect enemies, the most notorious, and in some sections the most injurious, the past two years, have been the "army worm," *Leucania unipuncta*, and the grain-aphis, or plant-louse, *Aphis avenæ*. Fig. 1



Fig. 1.

represents a medium-sized specimen of the former in the larva state; fig. 2,



Fig. 2.

pupa or chrysalis, and fig.

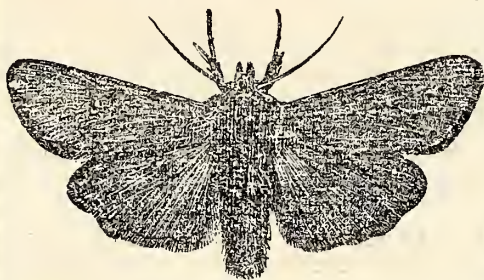


Fig. 3.

3, the imago or moth, of the same. The first, when full grown, is rather more than an inch and a half in length, about the thickness of a goose-quill, of a brownish gray, with three narrow yellowish stripes above, and a broader darker one on each side. Fig. 2 is of a dark mahogany color, with the smaller end prolonged into a cleft spine. Fig. 3 is a reddish drab, with a small

white spot near the middle, and a smoky, oblique line near the tips of the upper wings, measuring, when expanded, from one and a quarter to one and three quarters of an inch. Its ravages are too well known; but the remedies found most efficacious were digging deep trenches in their path, crushing them by means of a roller, turning into the fields hogs and turkeys to devour them, or sheep to trample them under foot. These insects are described at greater length in the new illustrated edition of *Harris on Insects Injurious to Vegetation*, pp. 629-30, just published.



Fig. 4.

The *Aphis*, a winged specimen of which is presented in fig. 4, attacks the smaller grains, and, by sucking the sap from the tender stems, shrinks the kernel in a considerable degree. If we find on the plants the round red beetles, of the family *Coccinellidæ*, sometimes called "lady-bugs," the lace-wing, or the small tapering maggots of the *Syrphidæ*, or two-winged flies with black and yellow bands, we may be sure they are preying upon the aphis, and should carefully protect, or at least refrain from injuring them. But if the lice appear in such immense numbers as to threaten the destruction of the crop, we may suffocate both friends and enemies by making a dense smoke to windward of the field, on a damp, lowering day. Leather scraps, wet straw and hay, will be found most useful in this respect.

In the Almanac for 1860 will be found short descriptions of the following injurious insects. The Cut-worm, fig. 5, and its parent moth, fig. 6.



Fig. 5.

The eggs of the appletreecaterpillar, or spring web worm, are

figured at 7, in the form of a bracelet on the slender twig. In this state they may be found and destroyed during the winter, when there is most leisure. By going through the orchard with a light ladder, a pair of shears to cut off the twigs, and a basket to collect



Fig. 6.



Fig. 7.



Fig. 8.



Fig. 9.

them in to be burned, a very few hours' labor will effect more than that of days after the eggs have hatched into caterpillars.

The canker-worm is figured at 8; its chrysalis at 9; the male moth at

10, and the wingless female at 11. Fig. 12 represents the moth of the apple and cranberry core-worm.



Fig. 10.



Fig. 11.



Fig. 12.

Fig. 13 illustrates the curculio, or plum-weevil, in two positions, magnified. The small line between the figures is the average length of the insect.

Fig. 14 is the apple-tree borer, and fig. 15 the beetle, or final form of the same.

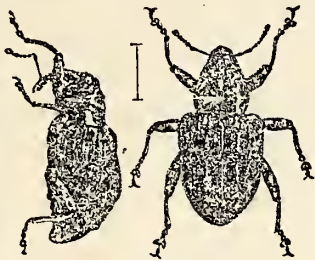


Fig. 13.



Fig. 14.



Fig. 15.



Fig. 16.

Fig. 16 is the striped or eucumber-*bug*, as it is improperly called, but which is in reality a *beetle*, while fig. 17, the squash-bug, is a true *bug*, being without jaws or mouth, except a long slender tube, fitted for piercing and sucking the sap of plants.



Fig. 17.

Fig. 18 is the onion-fly and its chrysalis. The *larva* is too well known as a small, whitish maggot, tapering to a point at the head. It is hatched from an egg laid by the parent fly at the foot of the stalk, and commences devouring the onion, not only consuming it for food, but also causing, by its corruption, a most offensive stench, perceptible at a great distance. This can only be prevented by continued labor during the season (usually consisting of not more than two or three weeks) that the fly appears.



Fig. 18.

A strong solution of soot, or pyroligneous acid, must be freely applied to the rows every day, until the bulbs have become large enough to be safe from the attacks of the fly.

Among the remedies against noxious insects, very few are found to be applicable in all cases. A knowledge of the history and habits of these troublesome enemies will usually suggest the best modes of preventing their ravages. A large division of the insect world acts as a special police to thin out the numbers of the other division. Such are the dragonflies, the ground beetles, and some of the true flies. These species far outnumber those which are directly injurious to agriculture; and, if the farmer cannot exterminate the one without destroying the other, he had far better leave it in the care of the birds, toads, snakes, and cannibal insects.



Fig. 19.



Fig. 20.

Figs. 19 and 20 are two species of ichneumons, which attack the army worm, and also many other similar caterpillars, and destroy thousands of them.

## CONGRESSIONAL REPRESENTATIVE DISTRICTS IN MASSACHUSETTS.

By the law passed by the Legislature of 1862, the State is divided into ten districts, as follows :

*First District.* — Barnstable, Dukes and Nantucket counties, the cities of New Bedford and Fall River, the towns of Acushnet, Dartmouth, Fairhaven, Freetown and Westport, in Bristol county, and Carver, Duxbury, Halifax, Kingston, Lakeville, Marion, Mattapoisett, Middleborough, Pembroke, Plymouth, Plympton, Rochester and Wareham, in Plymouth county.

*Second District.* — Attleborough, Berkley, Dighton, Easton, Mansfield, Norton, Raynham, Rehoboth, Seekonk, Somerset, Swanzey and Taunton, in Bristol county ; Abington, Bridgewater, East Bridgewater, Hingham, Hanover, Hanson, Hull, Marshfield, Scituate, South Scituate, N. Bridgewater and W. Bridgewater, in Plymouth county ; Braintree, Canton, Cohasset, Dorechester, Milton, Quiney, Randolph, Sharon, Stoughton and Weymouth, in Norfolk county.

*Third District.* — Roxbury and Brookline, in Norfolk county, and wards four, seven, eight, ten, eleven and twelve, in Boston, in Suffolk county.

*Fourth District.* — Wards one, two, three, five, six and nine, in Boston, Chelsea, North Chelsea and Winthrop, in Suffolk county, and Cambridge, in Middlesex county.

*Fifth District.* — Lynn, Newburyport, Salem, Amesbury, Beverly, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Ipswich, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Newbury, Rockport, Rowley, Salisbury, South Danvers, Swampscott, Topsfield, Wenham and West Newbury, in Essex county.

*Sixth District.* — Lawrence, Andover, Boxford, Bradford, Haverhill, Methuen, North Andover and Saugus, in Essex county, and Charlestown, Belmont, Billerica, Burlington, Lexington, Malden, Medford, Melrose, North Reading, Reading, Somerville, South Reading, Stoneham, Tewksbury, Waltham, West Cambridge, Wilmington, Winchester and Woburn, in Middlesex county.

*Seventh District.* — Lowell, Acton, Ashby, Ashland, Bedford, Boxborough, Brighton, Carlisle, Chelmsford, Concord, Draut, Dunstable, Framingham, Groton, Holliston, Hopkinton, Lincoln, Littleton, Marlborough, Natick, Newton, Pepperell, Sherborn, Shirley, Stow, Sudbury, Townsend, Tyngsborough, Watertown, Wayland, Westford and Weston, in Middlesex county, and Dedham, Dover, Medfield, Needham and West Roxbury, in Norfolk county.

*Eighth District.* — Worcester, Auburn, Blackstone, Boylston, Brookfield, Charlton, Douglas, Dudley, Grafton, Holden, Leicester, Mendon, Milford, Millbury, New Braintree, Northborough, Northbridge, North Brookfield, Oakham, Oxford, Paxton, Rutland, Shrewsbury, Southborough, Southbridge, Spencer, Sturbridge, Sutton, Upton, Uxbridge, Warren, Webster, Westborough, West Boylston and West Brookfield, in Worcester county, and Bellingham, Foxborough, Franklin, Medway, Walpole and Wrentham, in Norfolk county.

*Ninth District.* — The several towns in the counties of Hampshire and Franklin, and the towns of Ashburnham, Athol, Barre, Berlin, Bolton, Clinton, Dana, Fitchburg, Gardner, Hardwick, Harvard, Hubbardston, Lancaster, Leominster, Lunenburg, Petersham, Phillipston, Princeton, Royalston, Sterling, Templeton, Westminster and Winchendon, in Worcester county.

*Tenth District.* — The city of Springfield, and the several towns in Hampden county, together with the several towns in Berkshire county.



## POETRY, ANECDOTES, ETC.

## THE MODERATE FARMER.

JOHN G. SAXE.

WITH wheat his lands were all a-blaze ;  
 'T was amazing to look at his fields of  
 maize ;  
 And there were places, that showed *rye*  
 faces,  
 As pleasant to see as so many Graces ;  
 And as for *hops*, his annual crops  
 So very extensive, that, on my soul,  
 They fairly reached from *pole to pole*.  
 'T would beat the guess of any old fogie,  
 Or — the longest season at Saratoga !  
 Whatever seed did most abound,  
 He was always running it into the ground ;  
 After his plan, though a moderate man,  
 That is to say, in another way,  
 Whether the seed was *barley* or *hay*,  
 Large or small, or green or gray,  
 Provided it only "promised to pay."  
 He never chose to labor in vain,  
 By stupidly going against the *grain*.  
 And he raised *tomatoes* and lots of *potatoes*,  
*Turnips*, that always turned up well,  
*Celery*, all that he could sell,  
*Grapes* by the bushel, sour and sweet,  
*Beets*, that certainly could n't be beat,  
*Cabbage*, like some tailor's mound,  
*Vines*, that fairly *cu*-cumbered the ground ;  
 Some *pumpkins*, more than he could house,  
 and  
 Ten thousand *pears* (that's twenty thou-  
 sand) ;  
 Fruits of all kinds and propagations,  
*Baldwins*, *pippins*, and *carinations*,  
 And *apples* of other appellations.  
 At all State Fairs he held a fair station ;  
 Raised horses and cows, and his own rep-  
 utation ;  
 Made butter and money ; took a Justice's  
 niche ;  
 Grew wheat, wool and hemp, corn, cattle  
 and rich.

## MORAL LESSONS OF THE WAR.

G. S. HILLARD.

-REASON and philosophy recognize in war one of the means and instruments which God employs in the education of the human family. The individual man is tried in innumerable ways ; but the only, or at least the chief, calamities that light upon nations are three in number — famine, pestilence, and war. The nation and the individual man present many points of parallel ; neither can bear a long and unbroken course of prosperity without danger to moral well being. Long and uninterrupted success makes a people arrogant, aggressive, and defiant. The taste for manly habits, simple pleasures, for plain living and high thinking, declines, and men slide into a way of life which softens the body and hardens the heart. The sense of loyalty languishes and declines in the hot blaze of unclouded prosperity, as flowers wither in the heat of a summer's noon.

## THE LAW OF COMPENSATIONS.

TIMOTHY TITCOMB.

I BELIEVE in the law of compensation. Human lot is, on the whole, well averaged. A man does not possess great gifts of person or of mind [and it might be added, of *fortune*], without drawbacks somewhere. Either great duties are imposed upon him, or great burdens are put on his shoulders, or great temptations assail and harass him. Something in his life, at some time in his life, takes it upon itself to reduce his advantages to the average standard.

## THE CHRISTIAN SOLDIER.

WIGGLESWORTH.

SOLDIER, be strong, who fightest  
 Under a captain stout ;  
 Dishonor not thy conquering head  
 By basely giving out.  
 Endure a while, bear up,  
 And hope for better things ;  
 War ends in peace, and morning light  
 Mounts upon midnight's wing.

## THE CONSTITUTION — THE UNION.

WEBSTER.

IF I have attempted to expound the Constitution, I have attempted to expound that which I have studied with diligence and veneration from my early manhood to the present day. If I have endeavored to defend and uphold the Union of the States, it is because my fixed judgment and my unalterable affections have impelled me, and still impel me, to regard that Union as the only security for general prosperity and national glory. Yes, gentlemen, the Constitution and the Union ! I place them together. If they stand, they must stand together ; if they fall, they must fall together.

## THE PATRIOT'S NAME.

COWPER.

PATRIOTS have toiled, and in their coun-  
 try's cause  
 Bled nobly ; and their deeds, as they de-  
 serve,  
 Receive proud recompense. We give in  
 charge  
 Their names to the sweet lyre. Th' his-  
 toric Muse,  
 Proud of the treasure, marches with it  
 down  
 To latest times ; and Sculpture, in her turn,  
 Gives bond in stone and ever-during brass  
 To guard them, and t' immortalize her  
 trust.

## CONFIDENCE IN SUCCESS.

SUPERSTITIOUS persons, who are dispirited by bad omens, sometimes prepare themselves for evil fortune ; for confidence in success is a great means of ensuring it.

### WORTH NOTICING.

THE following paragraph sets forth, in colors none too strong or vivid, the evils which are sure to flow from an undue expansion of commercial canvas :

If a man would see gray hairs upon his head before their time ; beggary and ruin the sole legacy left to a wife and children, now rolling in every luxury, and brought up to it all ; if he wants to see defrauded and indignant creditors, an old age of penury and dependence, a family driven by debt and false ideas into every degradation and crime,—then let him spread all sail which he can borrow, give credit to every reckless customer, boast of his sales, live in brown stone and rosewood, surround himself with carved furniture and costly imported luxuries of all kinds ; let him bring up his children to be waited upon by troops of servants. The end will come sooner than he expects ; he will be caught in some nip of the ice, and sink like lead in the mighty waters.

### SMALL THINGS.

EDMUND HILL.

THE simplest flowers with honeyed sweetness stored,  
The smallest thing may happiness afford ;  
A kindly word may give a mind repose,  
Which, harshly spoken, might have led to blows ;  
The smallest crust may save a human life,  
The smallest act may lead to human strife ;  
The slightest touch may cause the body pain,  
The smallest spark may fire a field of grain ;  
The simplest act may tell the truly brave,  
The smallest skill may serve a life to save ;  
The smallest drop the thirsty may relieve,  
The slightest look may cause the heart to grieve ;  
The slightest sound may cause the mind alarm,  
The smallest thing may do the greatest harm ;  
Naught is so small but it may good contain,  
Afford us pleasure, or award us pain.

### ROGUES.

A MAN who cheats in short measure is a measureless rogue. If in whiskey, then he is a rogue in spirit. If he gives a bad title to land, then he is a rogue in deed. If he gives short measure in wheat, then he is a rogue in grain. And if he cheats when he can, he is in deed, in spirit, in grain, a measureless scoundrel. If he cheats at all, he is a tall cheat.

"I DON'T miss church so much as you may suppose," said a lady to her minister, who called on her during her illness ; "for I make Betsy sit at the window as soon as the bells begin to chime, and she tells me who is going to church, and whether they have got on anything new."

### SEVEN FOOLS.

PUNCH.

1. The Envious Man— who sends away his mutton, because the person next to him is eating venison.
2. The Jealous Man— who spreads his bed with nettles, and then sleeps in it.
3. The Proud Man— who would sooner get wet through than ride with an inferior.
4. The Litigious Man— who goes to law, in the hope of ruining an opponent, and gets ruined himself.
5. The Extravagant Man— who buys a herring, and takes a cab to carry it home.
6. The Angry Man— who learns the ophicleide because he is annoyed by the playing of his neighbor's piano.
7. The Ostentatious Man— who illuminates the outside of his house most brilliantly, and sits inside in the dark.

### NEVER GIVE UP.

NEVER give up ! though the grapeshot may rattle,  
Or the full thunder-cloud over you burst ;  
Stand like a rock, and the storm and the battle  
Little shall harm you, though doing their worst.

Never give up ! if adversity presses,  
Providence wisely has mingled the cup ;  
And the best counsel in all our distresses  
Is the stout watchword of " Never give up ! "

### HONESTY.

BOSTON COURIER.

HONESTY is a very homely virtue ; it has no glitter or show ; it blows no trumpet ; it calls no audience about to admire and applaud ; it is a plain homespun stuff, for daily wear, and not for festival occasions. *It is of that class of qualities which inspire confidence, but do not awaken admiration.*

### PRACTICAL PEOPLE.

J. G. SAXE.

AND after all the fanciful dreams  
Of golden fountains and golden streams,  
The sweat of patient labor seems  
The true Pactolian water ;  
And while your theorist worries his mind,  
In hopes the " magical stone " to find  
By some alchemical gammon,  
Practical people, by regular knocks,  
Are filling their " pockets full of rocks "  
From the golden mountain of Mammon.

AN elderly lady, a descendant of Miles Standish, telling her age, remarked that she was born on the 22d of April. Her husband, who was by, jocularly observed, " I always thought you were born on the first day of April. " — " People might well judge so, " responded the equally mirthful matron, " considering the choice I made of a husband ! "

### RECIPE FOR SPRING FEVER.

LOUISVILLE JOURNAL.

TAKE the open air,  
The more you take the better  
Follow Nature's laws  
To the very letter.  
Let the Doctors go  
To the Bay of Biscay ;  
Let alone the gin,  
The brandy and the whiskey.  
Freely exercise,  
Keep your spirits cheerful ;  
Let no dread of sickness  
Make you ever fearful.  
Eat the simplest food,  
Drink the pure cold water ;  
Then you will be well,  
Or, at least, you ought to.

THE sun is best seen at his rising and setting. So men's native disposition is most clearly perceived when they are children and when they come to die.

#### ANSWER TO PROBLEM L.

A, \$10.40. B, \$8.80. C, \$5.60.

#### ANSWER TO PROBLEM M.

Sides of meadow, 15.60519+ and 61.51799 rods.

#### ANSWER TO PROBLEM N.

They will be together at the end of 5 hours.

#### ANSWER TO PROBLEM O.

8 months, 10 days.

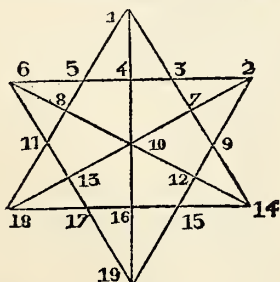
#### ANSWER TO RIDDLE.

Severn — Seven — Eve.

#### ANSWER TO ENIGMA.

Newspaper.

#### ANSWER TO PUZZLE.



#### PROBLEM P.

An old woman, wishing to oblige her neighbors, sent her daughter with a basket of eggs to three of them. At the first house she left half of the number of eggs she had and half a one over ; at the second, half of the remainder and half a one over ; at the third she did the same, and returned with one egg, not having broken any. How many had she at first?

#### PROBLEM Q.

A gentleman has 12 pints of wine in one bottle. How shall it be equally divided with the aid of two other bottles, one of which holds 5 and the other 7 pints?

#### PROBLEM R.

The number of men in both fronts of two columns of troops, A and B, where each consisted of as many ranks as it had men in front, was 84 ; but when the columns changed ground, and A was drawn up with the front that B had, and B with the front that A had, then the number of ranks in both columns was 91. Required the number of men in each column.

#### PROBLEM S.

How far from the surface of a ball 12 feet in diameter must a light stand to light 1-5 of the surface? And how near to each other can two such lights stand, and each one light different fifths?

#### CHARADE.

My first is a verb ; add to me one letter, and I become an insect ; add another, and I become a kind of vegetable ; add two more letters, and I become the name of another insect.

#### ENIGMA.

I am composed of 27 letters.

My 1, 7, 15, 19, is a girl's name.

My 2, 6, 5, 13, 14, 15, is the name of a planet.

My 3, 17, 18, 3, is the name of a king.

My 4, 3, 3, 26, 16, is the name of a commodore.

My 5, 25, 8, 2, 3, is the name of a poet.

My 9, 22, 12, 27, 10, is the name of a signer of the Declaration of Independence.

My 20, 21, 11, 24, 16, 15, was a hero of the Revolution.

My 23, 10, 12, is not dry.

My 18, 1, 22, 7, 16, was a U. S. senator.

My whole is a proverb.

#### A BOUQUET OF FLOWERS.

1. A crystalline substance and a sphere.
2. A confection and a cluster.
3. An adjective and a vegetable.
4. Six-eighths of a discoverer, a preposition, and a vowel.
5. An article of food and a utensil.
6. A title, a consonant, and a plume.
7. A division of time and a girl's name.
8. An animal and an article in common use.
9. A boy's nickname, a preposition, an article, and a sacred place.
10. A vegetable substance and a fragrant flower.
11. The name of a city and self-esteem.
12. A fountain and a word indicating charms.
13. A shining body, a preposition, and an ancient city.
14. A planet and an article of furniture.

## THE WASTES OF THE FARM.

THE last Report (the ninth of the series) of the Secretary of the Massachusetts State Board of Agriculture contains an elaborate and valuable essay on the Wastes of the Farm, by James S. Grennell, a member of the Board. Among the prominent points stated by the writer are those of

**WANT OF EDUCATION, SYSTEM, ETC., AMONG FARMERS.**—Mr. G. asks, "Do we not find at the very outset, a leading cause of loss or waste in the want of education, method and system, in managing the farm, so as to know the cost and profits of each branch of farming? Is there not an entire lack of accuracy in the details of the business, which of course renders any statement of results or experiments uncertain?"

**KEEPING ACCOUNTS.**— "The importance of this subject to the farmer cannot be overstated, and should not be overlooked. Farmers cannot be too strongly urged to keep exact and faithful accounts with their farms, their animals, and every crop which they raise. It would immensely assist the improvement of their farms, and their own comfort and self-respect."

**WASTE OF MANURES.**— "Of all the wastes upon a farm, perhaps there is none more apparent than that of manures; none more deserving of reprobation, because none other is so generally and directly prejudicial to success in farming, and none other, of anything like the same extent, can be so easily prevented. \* \* \* Since, then, manures are of such all-controlling consequence in agriculture, how carefully should we study into their nature and composition; how faithfully should we labor to increase by every means the production of them; how jealously should we guard against their waste; and how closely should we watch the effects produced by their various application!"

**ANNUAL LOSS TO THE STATE BY WASTE OF MANURES.**— "By the census of 1860, it appears that there are in this Commonwealth 84,327 barns. The Secretary of the Board of Agriculture estimates the quantity of manure at five cords to each, worth three dollars per cord, making a total of \$1,264,905. If we assume that one-fourth of the barns have cellars, it follows that three-fourths of this manure is exposed to atmospheric and other deteriorating influences. Many competent persons estimate the loss from this cause at one-half; but, if it is only one-third, we show a waste from the exposure of the solid manure of \$331,635 per annum."

**WASTE OF FERTILIZING SUBSTANCES.**— "There are many substances wasted, which would make rich fertilizers. The manure from the poultry, if they are confined, is as good as guano, and should not be wasted. There is much from every factory and mill, and from families. **BOXES**, if thrown into a barrel, covered with ashes, and moistened, will, after a while, become decomposed, so as to form with the ashes a suitable fertilizer. **HARD COAL ASHES**, if screened thoroughly, are worth saving, and hauling a short distance to spread on grass land, containing, as they do, some lime, etc. **WOOD ASHES** form one of the most valuable of all fertilizers, and ought to be saved with jealous care, and are, at the common prices, a safer fertilizer than any other to be purchased."

**DETERIORATION OF PASTURES.**— "This comes in as a prominent waste. \* \* \* Some of the more obvious reasons for the decline and waste of pastures, that were originally in good condition as such, may be mentioned, as 1. Overstocking. 2. Turning into the same field every variety of stock, sheep, horses, neat cattle, young and old together, by which the pastures are fed. 3. Allowing bushes, brambles and all foul stuff to grow, to the destruction of feed, especially of the finer grasses. The mere statement of these causes of evil naturally suggests the remedy."

**TREATMENT OF WOODLANDS.**— "The mode of treatment of woodlands is subject to criticism as a waste, and is of very great importance to the farmers of the State. The practice of cutting clean as one goes, or clearing the land of timber at once, and making way for a new growth to spring up, has demonstrated that we have nothing to fear as to a farther supply of wood."

We regret that our limits will not allow us to make further extracts from Mr. G.'s excellent essay, and commend it and the Report to our readers.

## 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, Amelia,	— 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

**STATISTICS OF SLAVE OWNERS.** — There were in the United States, in the year 1850, (and we presume the number does not vary much by the census of 1860,) 347,525 persons owning slaves. Of this number 2 only owned 1000 each ; both resided in S. Carolina. 9 only owned between 500 and 1000, of whom 2 resided in Georgia, 4 in Louisiana, 1 in Mississippi. 56 owned from 300 to 500, of whom 1 resided in Maryland, 1 in Virginia, 3 in N. Carolina, 1 in Tennessee, 1 in Florida, 4 in Georgia, 6 in Louisiana, 8 in Mississippi, 29 in S. Carolina. 187 owned from 200 to 300, of whom S. Carolina had 60, Louisiana 36, Georgia 22, Mississippi 18, Alabama 16, N. Carolina 12, 5 other States 14, and 4 States none. 1,479 owned from 100 to 200. All the slaveholding States, except Florida and Missouri, are represented in this class, S. Carolina having one-fourth of the whole. These five classes owned 733 slaves ; 6,196 persons owned 50 slaves each ; 23,733 from 20 to 50 slaves each ; and 59,595 persons owned from 10 to 20 slaves each. From this statement, S. Carolina owned more slaves, in proportion to her population, than any other State in the South, and had a proportionately greater interest in secession than any other.

**WHAT SECEDING STATES HAVE COST.** — The following figures show how much money has been paid by the Government, to say nothing of the sacrifice of human life, for the exclusive benefit of the seceding States of the Union : — Louisiana (purchased of France), \$15,000,000 ; interest paid, \$8,385,353. Florida (purchased of Spain), \$5,000,000 ; interest paid, \$1,430,000. Texas, boundary, \$10,000,000 ; for indemnity, \$10,000,000 ; for creditors, \$7,750,000 ; Indian expenses of all kinds, \$5,000,000 ; to purchase navy, pay troops, \$5,000,000 ; all other expenditures, \$3,000,000. Mexican war, \$217,175,575 ; soldiers' pensions and bounty lands, \$100,000,000. Florida war, \$100,000,000 ; soldiers' pensions, \$7,000,000 ; to remove Indians, \$5,000,000. Paid by treaty for New Mexico, \$15,000,000 ; to extinguish Indian titles, \$100,000,000. Paid to Georgia, \$3,032,000. Total cost, \$617,822,928.

**THE MASSACHUSETTS VOLUNTEERS FOR THREE YEARS.** — From the closing portion of the report of the Adjutant General we obtain the following facts :

<i>Counties.</i>	<i>Officers.</i>	<i>Priv.</i>	<i>Tot.</i>	<i>Counties.</i>	<i>Officers.</i>	<i>Priv.</i>	<i>Tot.</i>
Barnstable, .....	3	108	111	Nantucket, .....	1	7	8
Berkshire, .....	21	614	635	Norfolk, .....	70	2031	2101
Bristol, .....	59	1681	1740	Plymouth, .....	44	1363	1407
Dukes, .....	..	1	1	Suffolk, .....	278	4111	4389
Essex, .....	148	4134	4282	Worcester, .....	110	3464	3574
Franklin, .....	12	482	494	Other States, .....	20	955	975
Hampden, .....	35	845	880	Residences not given, ..	..	647	647
Hampshire, .....	15	575	590				
Middlesex, .....	141	4200	4341				
					957	25218	26175

The number of commissions issued from the office since April 15, 1860, is 1,612 Boston has furnished 27 officers, and 3,880 privates ; Salem, 45 officers, and 489 privates ; Lowell, 24 officers, and 844 privates ; Worcester, 37 officers, and 595 privates ; Roxbury, 23 officers, and 549 privates ; Cambridge, 34 officers, and 502 privates ; New Bedford, 11 officers, and 280 privates ; Taunton, 15 officers, and 394 privates ; Lawrence, 16 officers, and 420 privates.

**THE MILITARY FORCE OF THE UNITED STATES.** — According to the *Army Gazette* for 1862, the aggregate number of the regular army of the United States is 39,273 ; of the volunteer army, 556,252 — making the united force 595,525. The aggregate of the militia force, including that of the rebel States, is 3,214,769.

**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.
	D. c. m.	D. c. m.	D. c. m.	D. c. m.		D. c. m.	D. c. m.	D. c. m.	D. c. m.
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 1	0 0 0	4 0 5	500	0 8 3	0 62 5	2 50 0	30 0
Dolls. 1	0 0 0	0 0 1	0 0 0	5 0 6	600	0 10 0	0 75 0	3 0 0	36 0
2	0 0 0	0 0 1	0 0 1	0 0 12	700	0 11 5	0 87 5	3 50 0	42 0
3	0 0 0	0 0 2	0 0 1	0 0 18	800	0 13 3	1 00 0	4 0 0	48 0
4	0 0 1	0 0 4	0 0 2	0 0 24	900	0 14 8	1 12 5	4 50 0	54 0
5	0 0 1	0 0 5	0 0 2	0 0 30	1000	0 16 4	1 25 0	5 0 0	60 0
6	0 0 1	0 0 6	0 0 3	0 0 36	2000	0 32 9	2 50 0	10 0 0	120 0
7	0 0 1	0 0 7	0 0 3	0 0 42	3000	0 49 3	3 75 0	15 0 0	180 0
8	0 0 1	0 0 9	0 0 4	0 0 48	4000	0 65 8	5 00 0	20 0 0	240 0
9	0 0 1	1 0 0	0 0 4	0 0 54	5000	0 82 2	6 25 0	25 0 0	300 0
10	0 0 2	1 0 5	0 0 5	0 0 60	6000	0 98 7	7 50 0	30 0 0	360 0
20	0 0 3	2 5 0	0 1 0	0 1 20	7000	1 15 1	8 75 0	35 0 0	420 0
30	0 0 5	3 7 0	0 1 5	0 1 80	8000	1 31 5	10 00 0	40 0 0	480 0
40	0 0 7	5 0 0	0 2 0	0 2 40	9000	1 48 0	11 25 0	45 0 0	540 0
50	0 0 8	6 2 0	0 2 5	0 3 00	10000	1 64 4	12 50 0	50 0 0	600 0
60	0 1 0	7 5 0	0 3 0	0 3 60	12000	1 97 3	15 00 0	60 0 0	720 0

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

**POST-OFFICE REGULATIONS. (1862.)**

**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 postages 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 ct. each, to any part of the U. States, or  $\frac{1}{2}$  ct. 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.

LETTERS NOT PREPAID TO GO TO THE DEAD LETTER OFFICE. — By the act of the 3d of March, 1855, the postage upon all letters except such as are entitled to pass free between places in the United States, is required to be prepaid. The Department, through courtesy, has hitherto at considerable labor and expense notified the parties addressed, in all instances in which the writers failed to prepay, that their letters would be forwarded on receiving the postage due thereof; but now it is ordered that all such unpaid letters be sent to the dead letter office, to be disposed of in like manner as other dead letters. *Drop* letters are now sent to the dead letter office; *others* are notified and kept for thirty days.

## LIST OF STATE AND COUNTY AGRICULTURAL SOCIETIES

In New England, with the Name and Address of the Secretaries, 1862.

## MAINE.

State Board of Ag., S. L. Goodale, Saco.  
 State Society, E. Holmes, Winthrop.  
 Androscoggin, W. R. Wright, Lewiston.  
 Cumberland, John Sawyer, Raymond.  
 East Somerset, William Folsom, Hartland.  
 Franklin, Warren Weekes, Farmington.  
 Hancock, A. M. Glidden, Ellsworth.  
 Kennebec, D. Cargill, Winthrop.  
 Lincoln, William S. Brown.  
 North Aroostook, Joel Bean, Presque Isle.  
 North Franklin, J. M. Kempton.  
 North Kennebec, J. Percival, Waterville.  
 North Penobscot, J. S. Patten, Springfield.  
 North Somerset, W. H. Russell, Bingham.  
 Oxford, Elliot Smith, Norway.  
 Penobscot and Aroostook Union, L. Rogers, Patten.  
 Piscataquis Central, E. B. Averill, Dover.  
 Sagadahoc, John H. Thompson, Topsham.  
 Somerset Central, Isaac Dyer, Skowhegan.  
 Waldo, Timothy Thorndike, Belfast.  
 Washington, William D. Dana, Perry.  
 West Oxford, G. B. Barrows, Fryeburg.  
 West Penobscot, T. P. Batchelder, Ken-  
 duskeag.  
 West Somerset, A. Moore, North Anson.

## NEW HAMPSHIRE.

State Society, Aaron Young, Dover.  
 Rockingham, William Crawford, Sandown.  
 Merrimac, Jonathan E. Lang, Concord.  
 Cheshire, Calvin May, Jr., Keene.  
 Grafton, D. H. Ward, Rumney.  
 Sullivan, D. W. Blodgett, Claremont.  
 Belknap, O. A. J. Vaughan, Laconia.  
 Hillsborough North, J. F. Chase, Deering.  
 Hillsborough South, H. A. Daniels, Milford.  
 Southegan, M. Kimball, Mason Village.  
 Connecticut River Valley, Alexander Mc-  
 Lane, Fairlee, Vt.

## VERMONT.

State Society, C. Cummings, Brattleboro'.  
 Franklin, Edward A. Towles, St. Albans.  
 Chittenden, Jeremiah French, Burlington.  
 Addison, I. Cobb, Middlebury.  
 Rutland, Henry Clark, Pountney.  
 Bennington, Eugene Canfield, Arlington.  
 Windsor, Lorenzo Kent, Woodstock.  
 Washington, C. J. Gleason, Montpelier.  
 Union, William S. Rublee, E. Berkshire.  
 Caledonia, E. C. Redington, St. Johnsbury.

## MASSACHUSETTS.

State Board of Ag., Chas. I. Flint, Boston.  
 Massachusetts Society for the Promotion  
 of Agriculture, P. C. Brooks, Jr., Boston.  
 Essex, Chas. P. Preston, Danvers.  
 Middlesex, Jno. B. Moore, Concord.  
 Middlesex South, Jas. W. Brown, Fram-  
 ingham.  
 Middlesex North, W. F. Salmon, Lowell.  
 Worcester, Jno. D. Washburn, Worcester.  
 Worcester West, Chas. Brimblecom, Barre.  
 Worcester North, William G. Wyman,  
 Fitchburg.  
 Worcester South, David Wight, Sturbridge.  
 Worcester South East, J. Geo. Metcalf,  
 Mendon.  
 Hampshire Franklin and Hampden, H. K.  
 Starkweather, Northampton.  
 Hampshire, A. P. Howe, Amherst.  
 Highland, Jona. McElwain, Middlefield.  
 Hampden, J. N. Bagg, West Springfield.  
 Hampden East, Daniel Granger, Palmer.  
 Franklin, Jas. S. Grennell, Greenfield.  
 Berkshire, Jno. E. Merrill, Pittsfield.  
 Housatonic, Samuel B. Sumner, Great  
 Barrington.  
 Hoosac Valley, W. W. Gallup, N. Adams.  
 Norfolk, H. O. Hildreth, Dedham.  
 Bristol, Lemuel T. Talbot, Taunton.  
 Plymouth, W. Latham, Bridgewater.  
 Barnstable, S. B. Phinney, Barnstable.  
 Nantucket, Jas. M. Bunker, Nantucket.  
 Martha's Vineyard, D. A. Cleaveland, Ed-  
 gartown.

## RHODE ISLAND.

State Society, W. R. Staples, Providence.  
 Aquidneck, George Brown, Newport

## CONNECTICUT.

State Agricultural Soc., Henry A. Dyer,  
 Hartford.  
 Hartford, F. A. Brown, Hartford.  
 New Haven, W. Webb, New Haven.  
 New London, H. L. Read, Jewett City.  
 Fairfield, John H. Sherwood, Southport.  
 Windham, Dr. J. B. Whitcomb, Brooklyn.  
 Litchfield, Wm. Humphrey, Jr., Litchfield.  
 Middlesex, D. Barnes, Middletown.  
 olland, E. E. Marvin, Rockville.  
 Greenwoods, Hiram Perkins, Winsted.  
 Woodbridge and Bethany, Minot Augur,  
 Woodbridge.

## FARMERS' CLUBS

In Massachusetts, with the Names of the Secretaries, 1862.

Amesbury, Geo. Turner.  
 Amherst, H. A. Marsh.  
 Ashfield, Wm. F. Bassett.  
 Belchertown, S. W. E. God-  
 dard.  
 Bernardston, H. W. Cush-  
 man.  
 Cheshire, S. W. Lincoln.  
 Chester, J. B. Elder.  
 Colerain, H. B. Miller.  
 Concord, Joseph Reynolds.  
 Curtisville, M. S. Heath.  
 Deerfield, B. F. Stebbins.  
 E. Hampton, D. W. Lyman.  
 Fitchburg, Jabez Fisher.  
 Franklin, Waldo Daniels.  
 Grafton, J. P. Stowe.  
 Granville, W. A. Pennell.

Greenfield, J. S. Grennell.  
 Harvard, T. Bull.  
 Hingham, T. T. Bouve.  
 Holliston, Austin G. Fitch.  
 Hopkinton, William H. Lin-  
 coln.  
 Lee, Alexander Hyde.  
 Leominster, James Bennett.  
 Lexington, H. Holmes.  
 Lunenburg, W. H. Jones.  
 Milton, Dr. J. R. Webster.  
 New Braintree, M. H. Fay.  
 Northboro', Jon. Bartlett.  
 North Reading, G. F. Flint.  
 N. Stockbridge and Lenox,  
 Charles M. Sears, Lenox.  
 N. Wrentham, S. E. Fales.  
 Princeton, E. E. Hartwell.

Shrewsbury, S. A. Cushing.  
 Southboro', J. S. Savage.  
 Shelburne, D. O. Fisk.  
 Sonth Hadley, H. W. Judd.  
 Sterling, Ezra Sawyer.  
 Stockbridge, M. Warner.  
 Sunderland, J. M. Smith.  
 Titicut, O. H. Shaw.  
 Valley Far. Club, Holyoke,  
 M. L. Smith, Northamp-  
 ton, Smith's Ferry.  
 Ware, C. P. Morse.  
 W. Granville, G. H. Atkins.  
 West Medway, G. L. Pond.  
 West Newbury, E. Gardner.  
 West Springfield, J. Morgan.  
 Whately, Jas. M. Crafts.  
 Worcester, G. A. Barnard.

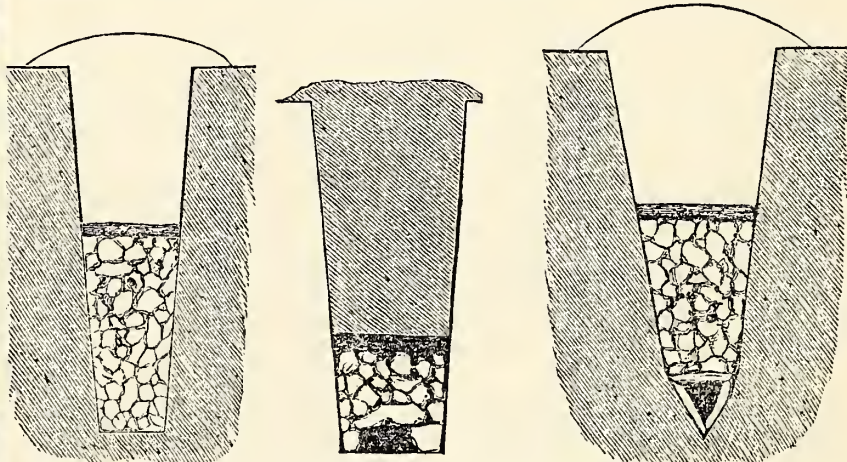
## CLEARING AND DRAINING.

We referred in our last number (p. 46) to the practical suggestions in relation to securing the hay crop, as presented in the *Manual of Agriculture*, by Emerson and Flint. Another subject of no less importance is that of clearing and draining, or the preparation of lands for tillage, on which the work is full and complete in detail and illustration.

The most powerful and best contrived machine, for removing large stones and boulders, consists of a strong purchase placed on a powerful frame-work on four wheels, as shown in fig. 3, p. 136 of the Manual.

This simple but powerful machine was contrived by Mr. Davoll, of Westport, Mass., for his own use, as a stone-worker, and can be constructed in the best manner for about \$125. We wish every rocky neighborhood in New England had one at command. A farmers' club might own it, and let it out, subject to a reasonable charge for its use. By it a rock of from three to five tons can be lifted from its original bed without digging or blasting, moved with ease with one yoke of oxen, and dropped in any position as the foundation of a wall or building.

The importance and modes of draining are also fully explained in the Manual; but we regret that our limits do not allow us to make more extended extracts from it. A piece of land near the house or barn, handy in every respect, well cleared and drained, is worth much more than another, of the same size, at a distance, and when once properly cleared, it is done for all time. Draining cold, moist, swaly land, near the house, makes the homestead more healthy and comfortable. Many of our fall fevers, typhoid and others, are owing to the presence of too much moisture near our houses, and to badly-constructed drains.

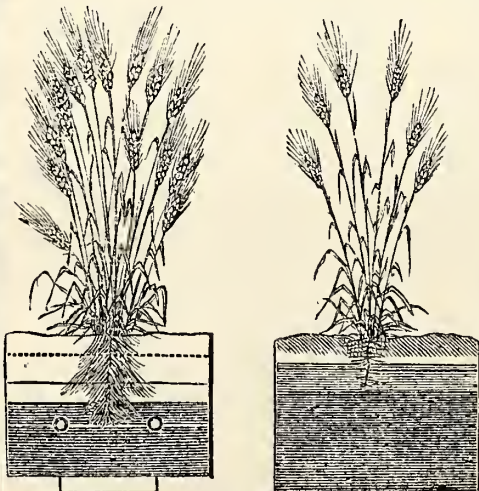


The preceding cuts, from the Manual, will show the various modes of constructing common stone drains. The whole subject is more fully explained in that work, from which we take the following: "The object of draining is to remove an excess of moisture from the soil. Water standing stagnant in the soil diminishes the good

effects of manures very much, by preventing decomposition, makes it impossible to work lands early in the spring, prevents seeds from germinating, or makes them germinate more slowly, and delays the ripening of crops, lessening their quantity, and making their quality inferior.

"An excess of water in the soil also excludes the air. This is injurious, because the air does much to promote the chemical changes in the mineral parts of the earth which are necessary to the growth of plants, and converts the organic materials in the soil into vegetable acids, which give it the name of sour or cold soil."

The effect of thorough drainage upon the growth of plants is often very striking. It may be seen in the cut, where the plants on the drained soil are far more vigorous in growth and roots.





**GET THE BEST!**

Worcester's Illustrated  
**QUARTO DICTIONARY,**  
**THE STANDARD.**

This massive volume contains **ONE THOUSAND EIGHT HUNDRED AND FIFTY-FOUR** pages. It is illustrated by more than **ONE THOUSAND SUPERB WOOD CUTS; FIVE THOUSAND** words are accurately **SYNONYMIZED**; the **Tables of PROPER NAMES PRONOUNCED** are very **FULL** and **ACCURATE.**

☞ It is the **BEST DEFINING** and **PRONOUNCING DICTIONARY** of the English Language, and contains many thousand more words and meanings than are to be found in any other similar work.

☞ It is the standard recognized by our eminent authors. It is the standard authority for the Official Records and Documents and the Public Printing of the United States.

☞ Every family should possess a copy, for it is a library of itself. It is the only American Dictionary which is a safe guide. It is the only desirable Dictionary of the language.

**Get the Best!**

**Get the Latest!**

# Worcester's Royal Quarto Dictionary, THE STANDARD.

*From* HON. GEO. P. MARSH, LL.D., *Author of "Lectures on the English Language."*

The work of Dr. Worcester is unquestionably MUCH SUPERIOR to any other general Dictionary of the language, in EVERY ONE of these particulars, and it is therefore entitled to rank FIRST among the existing helps to a complete knowledge of English philology.

*From* WILLIAM CULLEN BRYANT and WASHINGTON IRVING.

The new authentic etymologies, the conciseness and COMPLETENESS OF THE DEFINITIONS, the nicety with which the different shades of meaning in synonyms are distinguished, and the CONSCIENTIOUS ACCURACY of the work in all its departments, give it, in my judgment, the highest claims to public favor.

I concur with the opinion of Mr. Bryant. — WASHINGTON IRVING.

*From* PROF. OLIVER WENDELL HOLMES, *Boston.*

It is, indeed, A MONUMENTAL WORK, and one of which our city and country may be proud as long as we have a city, a country, and a language.

*From* CHARLES DICKENS, *England.*

It is A MOST REMARKABLE WORK, of which America will be justly proud, and for which all who study the English language will long have reason to respect your name, and to be grateful to you.

*From the* REV. W. WHEWELL, D. D., *Master of Trinity College, Cambridge, England, Author of "History of the Inductive Sciences."*

I have repeatedly consulted the Dictionary since it has been in my possession, and have seen reason to think it MORE COMPLETE AND EXACT than any of its predecessors.

*From* REV. JOSEPH BOSWORTH, D. D., F. R. S., *Professor of Anglo-Saxon in Oxford University, England.*

The whole work is the most comprehensive and useful that I have yet seen. It is THE MOST COMPLETE AND PRACTICAL, THE VERY BEST, as well as the cheapest English Dictionary that I know.

*From* C. C. FELTON, LL. D., *President of Harvard College.*

I find it not only rich beyond example in its vocabulary, but carefully elaborated in all the details, and THOROUGHLY TRUSTWORTHY as a guide to the most correct and elegant usage of the language.

*From* GEO. B. EMERSON, LL. D., *Member of Mass. Board of Education.*

I wish it to be known that I consider Dr. Worcester's new Dictionary the best and the MOST UNEXCEPTIONABLE DICTIONARY of the English Language with which I am acquainted.

*From* HON. CHARLES SUMNER.

I know no one who has done so much as you for all departments, and given to our language a Dictionary SO COMPLETE AND MANY-SIDED. It ought to be in every library, academy and school.

The lapse of a few months will be sufficient to establish Worcester's Dictionary as the acknowledged standard of reference among the scholars of England and America. — *London Literary Gazette, Feb. 11, 1860.*

THE BEST, most Economical (in these War Times).

# COLTON'S SELECT FLAVORS, OF THE CHOICE FRUITS,

FOR MAKING

Delicious Ice Cream, Pastry, Jellies, etc.

Extracts of Lemon, Vanilla, Almond, Rose, Cin-  
namon, Ginger, &c.

## THEIR PURITY AND STRENGTH.

The purity and strength of Colton's Flavoring Extracts will be strictly maintained.  
"One third of the quantity is more than equal to the ordinary Flavoring Extracts, and they possess the TRUE, RICH FLAVOR OF THE FRUITS."

## REFERENCES FROM ABROAD.

Fifth Avenue Hotel, New York.	American House, Boston.	Delevan House, Albany, N. Y.
Brevoort House, New York.	Richmond House, Chicago, Ill.	Massasoit House, Springfield, Mass.
Winthrop House, Boston.	Adams House, Chicago, Ill.	

## HOME REFERENCES.

Hon. George Ashmun	Hon. George Dwight.	Messrs. G. & C. Merriam.
Hon. E. D. Beach.	Hon. E. B. Gillett.	Hon. Henry Morris.
Mayor S. C. Bemis.	J. G. Holland, Esq.	Hon. J. M. Thompson.
Hon. Chester W. Chapin.	Ex-Mayor D. L. Harris.	Ex-Lieut. Gov. E. Trask.

Reference is made to those gentlemen as the most satisfactory warranty that can be given, on paper, to the public abroad. They have confidence that the Purity of Colton's Flavors will be maintained.

*One of them, an Ex-M. C., was President of the Chicago Convention.*

*Two of them have been elected to United States Congress.*

*One of them has been twice Democratic Candidate for Governor of Massachusetts.*

*One of them is "Timothy Titcomb," the Popular Author and Editor.*

*Two of them are Presidents of Railroad Corporations.*

*One of them is an Ex-Superintendent of the United States Army.*

*All are widely known.*

## SEE CIRCULAR OF REFERENCES.

## WHOLESALE AGENCIES.

M. S. BURR & CO., 26 Tremont Street, Boston, Mass.  
GEO. C. GOODWIN & CO., 11 and 12 Marshall Street, Boston.  
SCHIEFFELIN BROS. & CO., corner William and Beekman St., New York.  
McKESSON & ROBBINS, Fulton Street, New York.  
J. H. REED & CO., Lake Street, Chicago, Ill.  
BOWEN BROS., Lake Street, Chicago, Ill.  
PYNCHON & LEE, Springfield, Mass.  
FOX & WOODFORD, Hartford, Conn.  
LEE, SISSON & CO., Hartford, Conn.

**J. W. COLTON, Chemist, Springfield and Westfield, Mass.**

SOLD BY DEALERS IN SELECT FLAVORS GENERALLY.

These PURE FLAVORS of triple strength, are neatly put up in 2 oz. 4 oz. 8 oz. sizes — one dozen per box. [1-2 gross cases.] 16 oz. and 32 oz., to order.

(From the Springfield [Mass.] Republican.)

The superior Flavoring Extracts made by John W. Colton, of Westfield, are in everybody's mouth — or rather the praise of them is. For purity and strength they are not equalled by any article of the kind in market. The house-keeper's *cuisine* is not complete without them.

WILLIAM H. SANFORD,  
184 Main Street,  
**WORCESTER, Mass.,**

WHOLESALE AND RETAIL DEALER IN

# BOOKS AND STATIONERY.

Always on hand a large Stock of

## **BLANK BOOKS,**

of superior quality, embracing every variety of

DAY-BOOKS, JOURNALS, LEDGERS, CASH AND RECORD BOOKS;

ALSO, COMPOSITION, DRAWING AND WRITING BOOKS,

MEMORANDUMS OF EVERY SIZE AND STYLE.

PLAIN, TUCK and CLASP DIARIES and PASS BOOKS, in great variety.

BLANKS, of every description.

## **School and Classical Books,**

of every variety in use in this city or vicinity.

---

## **The Depository of the Worcester County Bible Society**

is kept at this Store, where the Bibles and Testaments of the AMERICAN BIBLE SOCIETY *are sold at the Society's prices.* Also, all the various HYMN BOOKS used by the different Congregations and Denominations in this vicinity. Publications of the AMERICAN TRACT SOCIETY, and the different SUNDAY SCHOOL SOCIETIES, including

QUESTION BOOKS AND LIBRARIES,

AT SOCIETY'S PRICES.

Together with a large assortment of

RELIGIOUS, SCIENTIFIC, AGRICULTURAL AND MISCELLANEOUS  
BOOKS.

A splendid assortment of GOLD PENS.