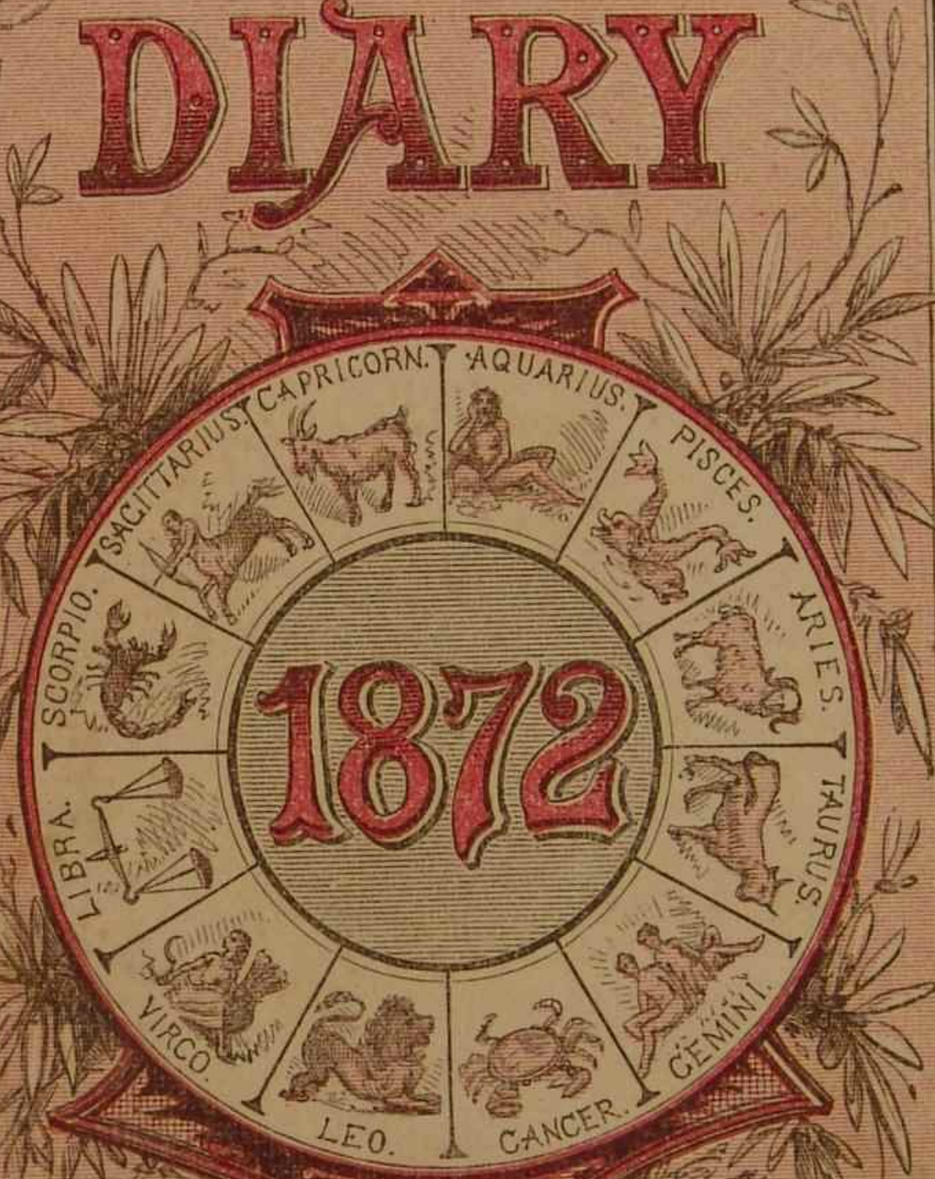
DIARY

POCKET DIARY



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BY

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BOSTON.

Calendar.

1872.

JANUARY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..	..	..
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

FEBRUARY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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MARCH.

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APRIL.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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MAY.

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JUNE.

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30	..	..	..	..	..	..

JULY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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..	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

AUGUST.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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22	23	24	25	26	27	28
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OCTOBER.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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NOVEMBER.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

DIFFERENCE OF TIME.

The annexed table exhibits the Difference of Time between that of BOSTON, and the places therein named:

SLOW OF BOSTON.	H	M	S
Albany, N. Y.		10	44
Augusta, Ga.		43	22
Baltimore, Md.		22	12
Buffalo, N. Y.		31	26
Cairo, Ill.	1	10	0
Charleston, S. C.		35	28
Chicago, Ill.	1	5	48
Cincinnati, O.		53	34
Cleveland, O.		42	0
Detroit, Mich.		47	56
Galveston, Tex.	1	34	52
Honolulu, S. I.	5	48	42
Indianapolis, Ind.	1	0	6
Louisville, Ky.		57	46
Memphis, Tenn.	1	17	0
Middletown, Ct.		6	22
Milwaukee, Wis.	1	7	34
Mobile, Ala.	1	8	0
Montreal, C. E.		10	6
Natchez, Miss.	1	22	24
New Orleans, La.	1	16	0
Newport, R. I.		1	0
New York, N. Y.		11	50
Niagara Falls, N. Y.		32	0
Norfolk, Va.		21	1
Philadelphia, Pa.		16	25
Pikes Peak	2	16	0
Providence, R. I.		1	25
Quebec, C. E.			50
Richmond, Va.		25	35
San Francisco, Cal.	3	25	31
Savannah, Ga.		40	18
Springfield, Mass.		6	30
St. Louis, Mo.	1	16	43
St. Paul, Min.	1	28	5
Tallahassee, Fla		54	10
Washington, D. C.		24	7
Worcester, Mass.		3	0

FAST OF BOSTON.	H	M	S
Augusta, Me.		4	54
Bangor, Me.		9	6
Berlin, Prus.	5	37	49
Calcutta, India	10	10	8
Cape of Good Hope	6	7	2
Charlottet'n, P. E. I.		31	20
Constantinople	6	40	30
Dover, N. H.			38
Dublin, Ireland	4	18	52
Eastport, Me.		16	30
Edinburgh, Scotl'd	4	34	30
Fredericton, N. B.		17	14
Geneva, Switz.	5	8	50
Gibraltar, Spain	4	22	50
Gloucester, Mass.		1	35
Greenwich, Eng.	4	44	14
Halifax, N. S.		29	47
Hallowell, Me.		4	54
Hamburg, Ger	5	24	8
Hull, Mass.			24
Liverpool, Eng.	4	32	13
London, Eng.	4	43	50
Lynn, Mass.			32
Mecca, Arabia	7	24	12
Nantucket, Mass.		3	52
New Bedford, Mass.			32
Newburyport, Mass.			46
Paris, France	4	53	35
Portland, Me.		3	16
Portsmouth, N. H.		1	11
Provincetown, Mass.		4	2
Rome, Italy	5	34	8
Salem, Mass.			40
Singapore, E. I.	11	32	12
St. Johns, N. F.	1	12	30
St. Petersburg	6	45	28
Stockholm, Sw'n	5	46	28
Vienna, Austria	5	49	46

When it is 12 o'clock, noon, at NEW YORK CITY, it will be morning at all places west of New York, and afternoon at all places east, as shown in the following table:

WEST OF NEW YORK.	H	M	S
Auburn, N. Y.	11	50	12
Augusta, Ga.	11	28	28
Baltimore, Md.	11	49	38
Buffalo, N. Y.	11	40	24
Charleston, S. C.	11	36	22
Chicago, Ill.	11	6	2
Cincinnati, O.	11	18	16
Columbus, O.	11	23	52
Dayton, O.	11	19	20
Detroit, Mich.	11	23	54
Geneva, N. Y.	11	47	53
Harrisburg, Pa.	11	48	44
Honolulu, S. I.	6	24	8
Indianapolis, Ind.	11	11	44
Jefferson, Mo.	10	47	32
Key West, Fla.	11	28	54
Knoxville, Tenn.	11	20	28
Little Rock, Ark.	10	47	16
Louisville, Ky.	11	14	4
Milledgeville, Ga.	11	22	45
Milwaukee, Wis.	11	4	16
Mobile, Ala.	11	0	2
Monterey, Cal.	8	48	35
Nashville, Tenn.	11	8	48
Natchez, Miss.	10	50	26
Newark, N. J.	11	59	24
Newbern, N. C.	11	47	44
New Orleans, La.	10	56	4
Norfolk, Va.	11	50	49
Petersburg, Va.	11	46	44
Philadelphia, Pa.	11	55	25
Pittsburg, Pa.	11	35	56
Raleigh, N. C.	11	40	52
Richmond, Va.	11	46	15
Rochester, N. Y.	11	44	40
Sacramento, Cal.	8	56	4
St. Augustine, Fla.	11	29	44
St. Louis, Mo.	10	55	4

WEST OF NEW YORK.	H	M	S
St. Paul, Min.	10	43	45
San Francisco, Cal.	8	46	19
Savannah, Ga.	11	31	32
Springfield, Ill.	10	57	52
Tallahassee, Fla.	11	17	40
Toronto, C. W.	11	38	38
Trenton, N. J.	11	57	28
Utica, N. Y.	11	55	12
Washington, D. C.	11	47	53
Wilmington, Del.	11	54	12
Yorktown, Va.	11	49	48

EAST OF NEW YORK.	H	M	S
Albany, N. Y.	0	1	6
Augusta, Me.	0	16	44
Bangor, Me.	0	20	56
Berlin, Prus.	5	49	39
Boston, Mass.	0	11	56
Constantinople	6	52	0
Dublin, Ireland	4	30	42
Edinburgh	4	43	21
Fredericton, N. B.	0	29	4
Halifax, N. S.	0	41	38
Hamburg, Ger.	5	35	58
Hartford, Ct.	0	5	21
London, Eng.	4	55	41
Lowell, Mass.	0	10	48
Middletown, Ct.	0	5	28
Montreal, C. E.	0	1	44
New Haven, Ct.	0	4	23
Paris, France	5	5	26
Portland, Me.	0	15	10
Providence, R. I.	0	10	25
Quebec, C. E.	0	11	0
Rome, Italy	5	45	59
St. Petersburg	6	57	18
Stockholm, Swed'n	6	8	18
Vienna, Austria	6	1	37

DIVISIONS OF TIME.

A Solar Day is measured by the rotation of the earth upon its axis, and is of different lengths, owing to the ellipticity of the earth's orbit and other causes; but a mean solar day, recorded by the time-piece, is twenty-four hours long.

An Astronomical Day commences at noon, and is counted from the first to the twenty-fourth hour. A Civil Day commences at midnight, and is counted from the first to the twelfth hour, when it is recounted again from the first to the twelfth hour. A Nautical Day is counted as a Civil Day, but commences, like an Astronomical Day, from noon.

A Calendar Month varies in length from 28 to 31 days. A Mean Lunar Month is 29 days, 12 hours, 44 minutes, 2 seconds, and 5.24 thirds.

A Year is divided into 365 days.

A Solar Year, which is the time occupied by the Sun in passing from one Vernal Equinox to another, consists of 365.24244 solar days, or 365 days, 5 hours, 48 minutes, and 49.536 seconds.

A Julian Year is 365 days. A Gregorian Year is 365.2425 days. Every fourth year is Bissextile, or Leap Year, and is 366 days. The error of the Gregorian computation amounts only to one day in 3571.4286 years.

TO ASCERTAIN THE LENGTH OF THE DAY AND NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

IMPORTANT EPOCHS AND ERAS.

Destruction of Troy.....June, B. C. 1184.
Building of Solomon's Temple.....May, B. C. 1015.
Roman Era.....April 24, B. C. 753.
Christian Era.....January 1, A. D. 1; A. M. 4004.
Destruction of Jerusalem.....September 21, A. D. 69.
Conquest of England.....October 14, A. D. 1066.
Declaration of American Independence..July 4, A. D. 1776.

THINGS WORTH KNOWING.

Sound travels at the rate of 1142 feet per second in the air, 4960 in water, 11,000 in cast-iron, 17,000 in steel, 18,000 in glass, and from 4636 to 17,000 in wood.

Mercury freezes at 38 degrees below zero Fahrenheit, and becomes a solid mass, malleable under the hammer.

The greatest height at which visible clouds ever exist does not exceed ten miles.

Air is about 816 times lighter than common water.

The pressure of the atmosphere upon every square foot of the earth amounts to 2160 lbs. An ordinary sized man, supposing his surface to be 14 square feet, sustains the enormous pressure of 30,340 lbs.

Heat rarefies air to such an extent that it can be made to occupy 5500 times the space it did before.

The violence of the expansion of water when freezing is sufficient to cleave a globe of copper of such thickness as to require a force of 28,000 lbs. to produce a like effect.

During the conversion of ice into water, 140 degrees of heat are absorbed.

Water, when converted into steam, increases in bulk 18,000 times.

One hundred pounds of Dead Sea water contains 46 lbs. of salt.

The mean annual depth of rain that falls at the equator is 96 inches.

Assuming the temperature of the interior of the earth to increase uniformly at the rate of one degree for every 45 feet, at the depth of 60 miles the degree of heat would be sufficient to fuse all known substances.

The explosive force of close-confined gunpowder is six and a half tons to the square inch.

The greatest artificial cold ever produced is 91 degrees below zero Fahrenheit.

Water obstructs one-half of the perpendicular rays of the sun in 17 feet, and three-fourths in 34 feet; and less than one-thousandth part reaches the depth of 200 feet; hence the bottom of deep waters is in total darkness.

The Sun has a diameter of 885,680 miles, and its bulk is 1,400,000 times greater than that of the Earth.

The Earth moves forward in its orbit, 1,640,000 miles per day, 68,000 miles per hour, 1,100 miles per minute, and nearly 19 miles every second. Its diameter is 7912 miles, and its distance from the Sun 92,000,000 miles. The Moon's diameter is 2160 miles, and its volume one forty-ninth of that of the Earth. It revolves in its orbit once in 29½ days, at a distance of 240,000 miles from the Earth.

A COMPLETE

Table of Stamp Duties

AS APPROVED JULY 13, 1870.

AGREEMENT, or CONTRACT, not otherwise specified; any appraisement of value or damage, or for any other purpose; for each agreement, or for each sheet of each agreement, etc., or renewal of same $0.05

ASSIGNMENT. — See conveyance.

BANK CHECK, DRAFT, or ORDER for the payment of any sum of money drawn upon any bank, banker, or trust company, or for any sum exceeding $10, drawn upon any other person, companies, or corporations, at sight or on demand ..... .02

BILL OF EXCHANGE (*Inland*,) DRAFT, or ORDER, for the payment of money, otherwise than at sight or on demand, for every $100, or part thereof.. .05

BILL OF EXCHANGE, (*Foreign*,) or LETTER OF CREDIT, drawn in but payable out of the United States:

If drawn singly or in duplicate, same as Inland bills of Exchange.

If drawn in sets of three or more, every bill of each set, for every $100, or part thereof, or its equivalent in any foreign currency in which the bill is expressed ..... .02

BILL OF LADING, or RECEIPT, (other than charter party,) for any goods, etc., exported to a foreign port ..... .10

BILL OF SALE OF VESSEL, or any part thereof, consideration of value not over $500 ..... .50

Every add'l $500, or part thereof, 50 cents more.

BOND OF INDEMNITY, every $1,000, or part thereof... .50

BOND, for the execution of the duties of any office.. 1.00

BOND, other than required in legal proceedings, or used in connection with mortgage deeds, and not otherwise charged ..... .25

CERTIFICATE OF STOCK, in incorporated company.... .25

CERTIFICATE OF PROFITS, or any certificate or memorandum showing an interest in the property or accumulations of any incorporated company, if for $10 and not over $50 ..... $0.10

Over $50 and not over $1,000 ..... .25

Every add'l $1,000, or part thereof, 25 cents more.

CERTIFICATE OF DAMAGE, or otherwise, and all other certificates or documents issued by any port warden, marine surveyor, or person acting as such ..... .25

CERTIFICATE OF DEPOSIT, $100 or less ..... .02

Over $100 ..... .05

(Certificates of measurement or weight of animals, wood, coal, or hay; certificate of the record of a deed or other instrument in writing, or of the acknowledgment or proof thereof, by attesting witnesses, require no stamp.)

CERTIFICATE, of any other description ..... .05

CHARTER PARTY, (or renewal, etc., of same,) contract or agreement for charter of vessel or steamer of registered tonnage, not over 150 tons 1.00

Over 150 and not over 300 tons 3.00

Over 300 and not over 600 tons 5.00

Over 600 tons 10.00

CONTRACT, or renewal, Broker's note, or memorandum of sale of merchandise, real estate, or other property issued by brokers, or persons acting as such, each ..... .10

CONVEYANCE.—Deed or writing, whereby any lands, tenements, or other realty sold is granted, assigned, or transferred, for every $500, or part thereof ..... .50

ENTRY OF GOODS, etc., at any custom house, for consumption or warehousing, of value not over $100 ..... .25

Over $100 and not over $500 ..... .50

Over $500 ..... 1.00

WITHDRAWAL from bonded warehouse ..... .50

INSURANCE (*Life*). — Policy, (or assignment, etc., of same,) not over $1,000 ..... .25

Over $1,000 and not over $5,000 ..... .50

Over $5,000 ..... 1.00

INSURANCE against accidental injury to persons exempt.

INSURANCE (*Marine, Inland, and Fire*). — Each policy or renewal, (or assignment, etc., of same,) on which premium is $10 or less $0.10
Over $10 and not over $50..... .25
Over $50..... .50

LEASE, agreement, memorandum, or contract, for the hire, use, or rent of any land, tenement, or portion thereof, when rent or rental value is not over $300 per annum..... .50
Every add'l $200, or part thereof, 50 cents more.

LEASE, ASSIGNMENT OF. — A stamp duty equal to that imposed on the original instrument, increased by a stamp duty on the consideration or value of the assignment equal to that imposed upon the conveyance of land for similar consideration or value. (See Conveyance.)

MANIFEST, for custom house entry or clearance of vessel's cargo for foreign port, (except to British North America,) tonnage not over 300 tons... 1.00
Over 300 and not over 600 tons..... 3.00
Over 600 tons..... 5.00

MORTGAGE, Trust Deed, or Personal Bond, for the payment of money, over $100 and not over $500, .50
Every add'l $500, or part thereof, 50 cents more.

TRUST DEED conveying estate to uses, to be stamped as a conveyance.

OFFICIAL INSTRUMENTS, documents and papers issued by the officers of the United States government, or by the officers of any State, county or town, require no stamp.

ORDER for the payment of money.— See Bank Check.

PASSAGE TICKET, to foreign port, (except British North America,) costing $35 or less..... .50
Over $35 and not over $50..... 1.00
Every add'l $50, or part thereof, $1 more.

POWER OF ATTORNEY, to sell or transfer any stock, bond, or scrip, or for the collection of any dividend, or interest thereon..... .25
To vote by proxy for officers of any incorporated company or society, (except religious, charitable, literary societies, or public cemeteries,)..... .10
To sell or rent real estate..... 1.00
To collect rents..... .25
To perform any act not herein mentioned..... .50

PROBATE OF WILL, or LETTERS OF ADMINISTRATION, value of estate not over $2,000..... $1.00
Every add'l $1,000, or part thereof, 50 cents more.
(Probate of will, letters testamentary or of administration, or administrator's or guardian's bonds, when the value of the estate, real and personal, does not exceed $1,000, require no stamp.)

PROMISSORY NOTE, (except bank notes issued for circulation, and checks made and intended to be forthwith presented, and which shall be presented to a bank or banker for payment,) or any memorandum, check, receipt, or other written or printed evidence of money to be paid on demand, or at a time designated, exceeding $100, for every $100 or part thereof..... .05
Promissory Notes for sums less than $100 require no stamp.

PROTEST of note, bill of exchange, acceptance, check or draft, or any marine protest, whether protested by a notary public or by any other officer who may be authorized by law to make such protest..... .25

CANNED MEATS, etc., for and upon every can, bottle or other single package, containing meats, fruits, vegetables, sauces, syrups, prepared mustard, jams or jellies, not exceeding 2 lbs. in weight... .01
Every add'l pound or part thereof, 1 cent more.

PROPRIETARY, Medicines, Perfumery, Cosmetics, Preparations, etc., each package retailed at not over 25 cents..... .01
Over 25 cents and not over 50 cents..... .02
Over 50 cents and not over 75 cents..... .03
Over 75 cents and not over $1..... .04
Every add'l 50 cents, or part thereof, 2 cents more.

FRICTION MATCHES, or lucifer matches, or other articles made in part of wood, and used for like purposes, each package of 100 matches, or part thereof..... .01
Packages of more than 100 matches, for each 100 or part thereof..... .01

WAX TAPERS, double the rates for friction matches.

CIGAR LIGHTS, made in part of wood, wax, glass, paper, or other materials, in packages containing twenty-five lights or less, each package... .01
Every additional twenty-five lights or part thereof, 1 cent more.

PLAYING CARDS, for and upon every pack, not exceeding fifty-two cards in number, irrespective of price or value..... .05

☞ The indiscriminate use of all kinds of stamps (except postage or proprietary) is permitted, care being taken to affix a stamp or stamps of the proper amount.

Documents made in any foreign country, to be used in the United States, shall pay the same duty as when made here.

Powers of Attorney, or other papers relating to applications for bounties, arrearages of pay, or pensions, require no stamp; neither do indorsement of negotiable instrument, nor any warrant of attorney accompanying a bond or note, when such bond or note shall be stamped; and whenever any bond or note shall be secured by mortgage, but one stamp duty is required, provided the stamp duty placed thereon is the highest rate required for said instrument, or either of them.

The person using or affixing the stamp or stamps, shall write thereupon the initials of his name and the date upon which the same shall be attached or used, under a penalty of $50; or they may be otherwise canceled as the Commissioner may prescribe.

Violations of Stamp Duties will be puuished as the law directs.

THE LENGTH OF DAYS.

At San Francisco the longest day has 14¾ hours; at Boston, 15¼; at Berlin and London, 16½; at Stockholm and Upsal, 16½; at Hamburg, Dantzic, and Stettin, 17, and the shortest 7. At St. Petersburg and Tobolsk the longest day has 19, and the shortest 5 hours. At Bornea, in Finland, the longest day has 21½, and the shortest 2½ hours. At Wanderbus, in Norway, the day lasts from the 21st of May to the 22d of July, without interruption; and at Spitzbergen, the longest day is 3½ months.

THE SEASONS.

Vernal Equinox.....March 20th, 1h. 49m. A.M.
Summer Solstice.....June 20th, 10h. 24m. P.M.
Autumnal Equinox.....Sept. 22d, 0h. 45m. P.M.
Winter Solstice.....Dec. 21st, 6h. 45m. A.M.

ECLIPSES IN THE YEAR 1872.

In the year 1872, there will be four Eclipses, two of the Sun, and two of the Moon.

I.—A PARTIAL ECLIPSE OF THE MOON, May 22d, the last phase only of which will be visible to the eastern coast of North America, as follows:

Moon leaves Penumbra, New York, 8h. 31m. P.M.
" " " Boston, 8h. 42m. P.M.

At Chicago, the Eclipse will be invisible.

II.—AN ANNULAR ECLIPSE OF THE SUN, June 6th, invisible to North America. Visible to Asia.

III.—A PARTIAL ECLIPSE OF THE MOON, November 14th and 15th, visible as follows:

PHASES.	NEW YORK.	BOSTON.	CHICAGO.
	Day. h m	*Day. h m*	*Day. h m*
Moon enters Penumbra	14 10 6 A.	14 10 18 A.	14 9 11 A.
Moon enters Shadow...	15 0 6 M.	15 0 18 M.	14 11 11 A.
Middle of Eclipse.....	15 0 23 M.	15 0 35 M.	14 11 29 A.
Moon leaves Shadow...	15 0 41 M.	15 0 53 M.	14 11 47 A.
Moon leaves Penumbra	15 2 41 M.	15 2 53 M.	15 1 47 M.

IV.—A TOTAL ECLIPSE OF THE SUN, November 30th, invisible to North America. Visible to southern part of South America and South Pacific Ocean.

MORNING AND EVENING STARS.

VENUS will be Morning Star until July 16th, and Evening Star the rest of the year.

JUPITER will be Morning Star until January 15th, then Evening Star until August 2d, and Morning Star the rest of the year.

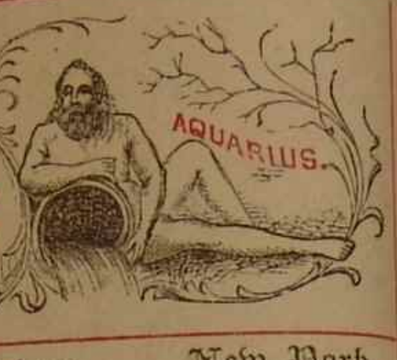
FASTS AND FEASTS OF THE CHURCH.

Epiphany.....	Jan. 6.	Low Sunday.....	April 7.
Septuagesima Sund.	" 28.	Rogation Sunday...	May 5.
Shrove Sunday.....	Feb. 11.	Ascension Day.....	" 9.
Ash Wednesday....	" 14.	Whit Sunday.....	" 19.
First Sund. in Lent.	" 18.	Trinity Sunday.....	" 26.
Palm Sunday.....	Mar. 24.	Corpus Christi.....	" 30.
Good Friday.....	" 29.	Advent Sunday.....	Dec. 1.
Easter Sunday.....	" 31.	Christmas Day.....	" 25

CHRONOLOGICAL CYCLES.

Dominical Letters.....	G.F.	Solar Cycle	5.
Epact	20.	Roman Indiction.....	15.
Lunar Cycle.....	11.	Julian Period.....	6585.

January. 1872



Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter.....	3	5	15	P. M.	5	3	P. M.
New Moon.....	10	10	14	A. M.	10	2	A. M.
First Q'rter.....	17	7	18	A. M.	7	6	A. M.
Full Moon.....	25	0	30	P. M.	0	18	P. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Mo.	7	30	4	39	10	14	3	1	3	22	.....		0	7
2	Tu.	7	30	4	39	11	18	3	43	4	5	0	29	0	52
3	We.	7	30	4	40	MORN		4	29	4	54	1	16	1	41
4	Th.	7	30	4	41	0	24	5	21	5	48	2	7	2	34
5	Fr.	7	30	4	42	1	33	6	16	6	46	3	2	3	31
6	Sa.	7	30	4	43	2	47	7	17	7	48	4	2	4	33
7	S	7	30	4	44	4	3	8	20	8	51	5	5	5	36
8	Mo.	7	29	4	45	5	19	9	22	9	52	6	7	6	37
9	Tu.	7	29	4	46	6	34	10	24	10	56	7	8	7	39
10	We.	7	29	4	47	SETS		11	24	11	51	8	7	8	34
11	Th.	7	29	4	48	6	7	.....		0	18	9	2	9	30
12	Fr.	7	28	4	49	7	24	0	44	1	10	9	56	10	21
13	Sa.	7	28	4	50	8	39	1	36	2	1	10	45	11	8
14	S	7	28	4	51	9	52	2	26	2	49	11	32	11	57
15	Mo.	7	27	4	53	11	0	3	12	3	35	.....		0	21
16	Tu.	7	27	4	54	MORN		3	58	4	21	0	45	1	9
17	We.	7	26	4	55	0	5	4	46	5	12	1	33	1	58
18	Th.	7	26	4	56	1	9	5	38	6	4	2	24	2	50
19	Fr.	7	25	4	57	2	12	6	31	6	58	3	17	3	43
20	Sa.	7	25	4	59	3	14	7	25	7	52	4	10	4	36
21	S	7	24	5	0	4	15	8	19	8	45	5	3	5	30
22	Mo.	7	23	5	1	5	13	9	11	9	37	5	57	6	23
23	Tu.	7	23	5	2	6	7	10	2	10	26	6	48	7	1
24	We.	7	22	5	3	6	55	10	49	11	11	7	33	7	5
25	Th.	7	21	5	5	RISES		11	32	11	52	8	14	8	3
26	Fr.	7	21	5	6	6	0	.....		0	12	8	58	9	1
27	Sa.	7	20	5	7	7	4	0	32	0	52	9	38	9	5
28	S	7	19	5	8	8	8	1	12	1	32	10	17	10	3
29	Mo.	7	18	5	10	9	12	1	52	2	11	10	53	11	1
30	Tu.	7	17	5	11	10	16	2	31	2	51	11	34	11	5
31	We.	7	16	5	13	11	23	3	11	3	32	.....		0	1

February. 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter.....	2	5	26	A. M.	5	14	A. M.
New Moon.....	8	9	8	P. M.	8	56	P. M.
First Q'rter.....	16	1	40	A. M.	1	28	A. M.
Full Moon.....	24	6	12	A. M.	6	0	A. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Th.	7	15	5	14	MORN		3	55	4	19	0	41	1	6
2	Fr.	7	14	5	15	0	32	4	45	5	13	1	32	1	59
3	Sa.	7	13	5	16	1	44	5	43	6	15	2	29	3	1
4	S	7	11	5	18	2	58	6	49	7	25	3	35	4	10
5	Mo.	7	10	5	19	4	11	8	1	8	35	4	45	5	20
6	Tu.	7	9	5	20	5	20	9	9	9	42	5	55	6	28
7	We.	7	8	5	21	6	21	10	14	10	44	6	59	7	29
8	Th.	7	7	5	23	SETS		11	12	11	37	7	56	8	19
9	Fr.	7	6	5	24	6	11	.....		0	2	8	45	9	12
10	Sa.	7	4	5	25	7	26	0	26	0	49	9	37	9	58
11	S	7	3	5	27	8	38	1	12	1	34	10	19	10	39
12	Mo.	7	2	5	28	9	48	1	56	2	17	10	59	11	20
13	Tu.	7	0	5	29	10	55	2	38	2	59	11	43	.....	
14	We.	6	58	5	31	MORN		3	21	3	43	0	6	0	29
15	Th.	6	57	5	32	0	0	4	5	4	29	0	52	1	16
16	Fr.	6	56	5	33	1	4	4	54	5	21	1	41	2	8
17	Sa.	6	55	5	34	2	6	5	50	6	19	2	36	3	4
18	S	6	54	5	36	3	5	6	48	7	17	3	33	4	2
19	Mo.	6	52	5	37	4	1	7	46	8	15	4	31	5	0
20	Tu.	6	51	5	38	4	52	8	43	9	10	5	28	5	55
21	We.	6	49	5	39	5	36	9	35	10	0	6	21	6	46
22	Th.	6	48	5	41	6	13	10	24	10	47	7	10	7	31
23	Fr.	6	46	5	42	RISES		11	8	11	27	7	51	8	10
24	Sa.	6	45	5	43	5	58	11	46	.....		8	29	8	50
25	S	6	43	5	44	7	3	0	5	0	25	9	11	9	30
26	Mo.	6	42	5	46	8	8	0	44	1	3	9	49	10	8
27	Tu.	6	40	5	47	9	15	1	22	1	42	10	27	10	45
28	We.	6	38	5	48	10	24	2	2	2	22	11	4	11	26
29	Th.	6	37	5	49	11	35	2	43	3	5	11	50	.....	
..	....	....		....		.....		.....		.....		.....		.....	
..	....	....		....		.....		.....		.....		.....		.....	

March. ♈ 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter	2	2	44	P. M.	2	32	P. M.
New Moon	9	8	9	A. M.	7	57	A. M.
First Q'rter	16	9	41	P. M.	9	29	P. M.
Full Moon	24	8	59	P. M.	8	47	P. M.
Last Q'rter	31	9	47	P. M.	9	35	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Fr.	6	35	5	51	MORN		3	29	3	54	0	15	0	41
2	Sa.	6	34	5	52	0	48	4	22	4	52	1	9	1	3[illegible]
3	♋	6	32	5	53	2	0	5	25	6	0	2	12	2	4[illegible]
4	Mo.	6	30	5	54	3	8	6	37	7	14	3	22	3	5[illegible]
5	Tu.	6	28	5	55	4	9	7	51	8	26	4	35	5	1[illegible]
6	We.	6	27	5	57	5	1	8	59	9	31	5	44	6	1[illegible]
7	Th.	6	25	5	58	5	45	10	2	10	31	6	49	7	1[illegible]
8	Fr.	6	24	5	59	6	19	10	56	11	19	7	40	8	
9	Sa.	6	22	6	0	SETS		11	40	.....		8	23	8	4[illegible]
10	♋	6	20	6	1	7	26	0	1	0	22	9	9	9	3[illegible]
11	Mo.	6	18	6	2	8	36	0	43	1	3	9	50	10	[illegible]
12	Tu.	6	17	6	4	9	44	1	23	1	43	10	28	10	4[illegible]
13	We.	6	15	6	5	10	49	2	4	2	25	11	7	11	2[illegible]
14	Th.	6	13	6	6	11	53	2	46	3	7	11	51	....	
15	Fr.	6	12	6	7	MORN		3	29	3	53	0	15	0	4[illegible]
16	Sa.	6	10	6	8	0	55	4	18	4	45	1	5	1	3[illegible]
17	♋	6	8	6	9	1	53	5	13	5	42	1	59	2	2[illegible]
18	Mo.	6	6	6	10	2	46	6	12	6	43	2	58	3	2[illegible]
19	Tu.	6	5	6	12	3	33	7	13	7	43	3	58	4	2[illegible]
20	We.	6	3	6	13	4	13	8	12	8	39	4	56	5	2[illegible]
21	Th.	6	1	6	14	4	47	9	4	9	29	5	49	6	1[illegible]
22	Fr.	5	59	6	15	5	16	9	53	10	15	6	39	7	
23	Sa.	5	58	6	16	5	44	10	37	10	58	7	22	7	4[illegible]
24	♋	5	56	6	17	RISES		11	18	11	37	8	0	8	2[illegible]
25	Mo.	5	54	6	18	7	4	11	56	.....		8	40	9	
26	Tu.	5	52	6	19	8	13	0	15	0	34	9	21	9	4[illegible]
27	We.	5	51	6	20	9	25	0	54	1	15	10	1	10	2[illegible]
28	Th.	5	49	6	22	10	39	1	37	1	59	10	42	11	
29	Fr.	5	47	6	23	11	51	2	22	2	47	11	30	11	[illegible]
30	Sa.	5	45	6	24	MORN		3	13	3	41	.....		0	[illegible]
31	♋	5	44	6	25	1	1	4	11	4	43	0	57	1	[illegible]

April. ♉ 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon	7	7	47	P. M.	7	35	P. M.
First Q'rter	15	5	27	P. M.	5	15	A. M.
Full Moon	23	8	53	A. M.	8	41	A. M.
Last Q'rter	30	3	37	A. M.	3	25	A. M.

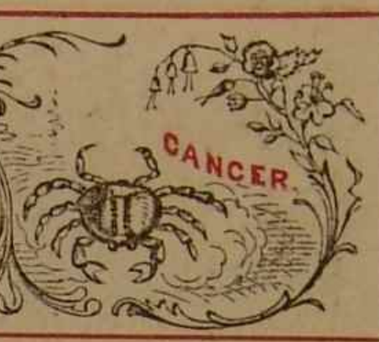
Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening h	m
1	Mo.	5	42	6	26	2	4	5	18	5	55	2	5	2	41
2	Tu.	5	40	6	27	2	59	6	32	7	8	3	17	3	53
3	We.	5	39	6	28	3	43	7	43	8	16	4	27	5	0
4	Th.	5	37	6	30	4	19	8	46	9	15	5	31	6	1
5	Fr.	5	35	6	31	4	50	9	42	10	7	6	28	6	53
6	Sa.	5	33	6	32	5	16	10	31	10	54	7	17	7	38
7	♋	5	32	6	33	SETS		11	14	11	33	7	57	8	15
8	Mo.	5	30	6	34	7	26	11	52	.....		8	35	8	57
9	Tu.	5	28	6	35	8	32	0	11	0	31	9	18	9	38
10	We.	5	27	6	36	9	38	0	52	1	12	9	58	10	17
11	Th.	5	25	6	37	10	42	1	32	1	53	10	37	10	57
12	Fr.	5	23	6	38	11	43	2	15	2	37	11	19	11	43
13	Sa.	5	22	6	40	MORN		2	59	3	22	.....		0	8
14	♋	5	20	6	41	0	38	3	47	4	13	0	33	0	59
15	Mo.	5	19	6	42	1	27	4	40	5	9	1	27	1	55
16	Tu.	5	17	6	43	2	9	5	38	6	7	2	24	2	53
17	We.	5	15	6	44	2	46	6	36	7	5	3	22	3	51
18	Th.	5	14	6	45	3	18	7	34	8	2	4	19	4	46
19	Fr.	5	12	6	46	3	46	8	28	8	52	5	12	5	38
20	Sa.	5	11	6	47	4	11	9	16	9	39	6	2	6	25
21	♋	5	9	6	48	4	34	10	2	10	24	6	48	7	9
22	Mo.	5	8	6	50	4	58	10	45	11	6	7	29	7	49
23	Tu.	5	6	6	51	RISES		11	27	11	47	8	9	8	31
24	We.	5	5	6	52	8	23	.....		0	8	8	53	9	15
25	Th.	5	3	6	53	9	39	0	30	0	53	9	39	10	4
26	Fr.	5	2	6	54	10	52	1	18	1	44	10	29	10	54
27	Sa.	5	0	6	55	MORN		2	11	2	38	11	20	11	49
28	♋	4	59	6	56	0	0	3	6	3	35	.....		0	21
29	Mo.	4	58	6	57	0	58	4	6	4	39	0	53	1	26
30	Tu.	4	56	6	59	1	45	5	13	5	48	2	0	2	34
..	....	....		....		.....		.....		.....		.....		....	

May. ♊ 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon	7	8	34	A. M.	8	22	A. M.
First Q'rter	15	11	21	A. M.	11	9	A. M.
Full Moon	22	6	24	P. M.	6	12	P. M.
Last Q'rter	29	9	28	A. M.	9	16	A. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	We.	4	55	6	59	2	23	6	22	6	55	3	8	3	40
2	Th.	4	53	7	1	2	55	7	26	7	56	4	11	4	41
3	Fr.	4	52	7	2	3	21	8	24	8	50	5	9	5	35
4	Sa.	4	51	7	3	3	46	9	15	9	39	6	1	6	25
5	☽	4	49	7	4	4	10	10	1	10	23	6	48	7	9
6	Mo.	4	48	7	5	4	34	10	44	11	4	7	28	7	47
7	Tu.	4	47	7	6	SETS		11	24	11	43	8	5	8	25
8	We.	4	46	7	7	8	29	.....		0	3	8	47	9	9
9	Th.	4	45	7	8	9	31	0	23	0	44	9	30	9	51
10	Fr.	4	43	7	9	10	29	1	5	1	27	10	12	10	33
11	Sa.	4	42	7	10	11	21	1	49	2	11	10	54	11	16
12	☽	4	41	7	12	MORN		2	34	2	57	11	40	.....	
13	Mo.	4	40	7	13	0	6	3	20	3	43	0	5	0	30
14	Tu.	4	39	7	14	0	45	4	8	4	34	0	55	1	21
15	We.	4	38	7	15	1	18	5	1	5	28	1	47	2	14
16	Th.	4	37	7	16	1	46	5	56	6	23	2	42	3	9
17	Fr.	4	36	7	17	2	11	6	50	7	17	3	35	4	2
18	Sa.	4	35	7	18	2	35	7	43	8	10	4	28	4	54
19	☽	4	34	7	19	2	59	8	35	8	59	5	20	5	45
20	Mo.	4	33	7	20	3	24	9	23	9	47	6	9	6	33
21	Tu.	4	32	7	21	3	51	10	11	10	36	6	57	7	21
22	We.	4	32	7	22	4	21	11	1	11	24	7	44	8	7
23	Th.	4	31	7	23	RISES		11	48	.....		8	31	8	58
24	Fr.	4	30	7	24	9	46	0	13	0	39	9	26	9	53
25	Sa.	4	29	7	24	10	49	1	7	1	35	10	20	10	46
26	☽	4	28	7	25	11	42	2	3	2	32	11	14	11	44
27	Mo.	4	28	7	26	MORN		3	0	3	28	.....		0	14
28	Tu.	4	28	7	27	0	24	3	58	4	28	0	45	1	15
29	We.	4	27	7	28	0	58	4	59	5	29	1	45	2	15
30	Th.	4	26	7	29	1	27	5	58	6	27	2	44	3	13
31	Fr.	4	26	7	30	1	52	6	56	7	24	3	41	4	9

June. ♋ 1872



Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon	5	10	39	P. M.	10	27	P. M.
First Q'rter	14	2	35	A. M.	2	23	A. M.
Full Moon	21	2	13	A. M.	2	1	A. M.
Last Q'rter	27	4	43	P. M.	4	31	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Sa.	4	25	7	30	2	15	7	50	8	16	4	35	5	0
2	☽	4	25	7	31	2	37	8	41	9	6	5	26	5	52
3	Mo.	4	25	7	32	3	1	9	29	9	52	6	16	6	38
4	Tu.	4	24	7	32	3	28	10	14	10	36	7	0	7	21
5	We.	4	24	7	33	3	59	10	58	11	20	7	41	8	2
6	Th.	4	23	7	34	SETS		11	41	.....		8	23	8	45
7	Fr.	4	23	7	34	9	16	0	1	0	22	9	7	9	30
8	Sa.	4	23	7	35	10	4	0	43	1	5	9	52	10	13
9	☽	4	23	7	35	10	45	1	27	1	49	10	34	10	54
10	Mo.	4	22	7	36	11	19	2	11	2	33	11	15	11	37
11	Tu.	4	22	7	36	11	48	2	54	3	15	.....		0	0
12	We.	4	22	7	37	MORN		3	37	3	59	0	23	0	46
13	Th.	4	22	7	37	0	14	4	22	4	46	1	9	1	32
14	Fr.	4	22	7	38	0	38	5	11	5	37	1	57	2	23
15	Sa.	4	22	7	38	1	1	6	3	6	29	2	49	3	15
16	☽	4	22	7	38	1	23	6	56	7	23	3	41	4	8
17	Mo.	4	22	7	39	1	48	7	51	8	20	4	36	5	4
18	Tu.	4	23	7	39	2	16	8	48	9	16	5	33	6	2
19	We.	4	23	7	40	2	50	9	44	10	12	6	30	6	58
20	Th.	4	23	7	40	3	33	10	40	11	8	7	25	7	51
21	Fr.	4	23	7	40	RISES		11	36	.....		8	18	8	47
22	Sa.	4	23	7	40	9	32	0	3	0	30	9	17	9	46
23	☽	4	24	7	40	10	20	0	58	1	27	10	13	10	38
24	Mo.	4	24	7	40	10	59	1	54	2	21	11	3	11	30
25	Tu.	4	24	7	40	11	29	2	47	3	13	11	58	.....	
26	We.	4	25	7	40	11	55	3	39	4	4	0	25	0	51
27	Th.	4	25	7	40	MORN		4	30	4	56	1	17	1	43
28	Fr.	4	25	7	40	0	20	5	23	5	51	2	10	2	37
29	Sa.	4	26	7	40	0	44	6	19	6	46	3	4	3	32
30	☽	4	26	7	40	1	8	7	13	7	40	3	59	4	25

July. ♌ 1872

Moon's Phases.	Day.	Boston. h m		New York. h m	
New Moon	5	1 41	P. M.	1 29	P. M.
First Q'rter	13	3 4	P. M.	2 52	P. M.
Full Moon	20	9 9	A. M.	8 57	A. M.
Last Q'rter	27	2 34	A. M.	2 22	A. M.

Day of M'th	Day of Week	Boston. Sun Rises. h m	Sun Sets. h m	Moon R. & S. h m	High Tide. Morning. h m	Evening. h m	New York. High Tide. Morning. h m	Evening. h m
1	Mo.	4 27	7 40	1 34	8 6	8 32	4 51	5 16
2	Tu.	4 27	7 40	2 3	8 57	9 22	5 42	6 8
3	We.	4 28	7 40	2 36	9 47	10 11	6 33	6 57
4	Th.	4 28	7 40	3 17	10 35	10 58	7 19	7 41
5	Fr.	4 29	7 39	SETS	11 19	11 40	8 1	8 22
6	Sa.	4 29	7 39	8 44	·····	0 1	8 45	9 8
7	☽	4 30	7 39	9 20	0 22	0 43	9 30	9 50
8	Mo.	4 31	7 38	9 51	1 4	1 24	10 9	10 28
9	Tu.	4 32	7 38	10 17	1 44	2 5	10 47	11 7
10	We.	4 33	7 37	10 41	2 25	2 45	11 27	11 48
11	Th.	4 33	7 37	11 4	3 4	3 24	·····	0 0
12	Fr.	4 34	7 36	11 27	3 44	4 6	0 30	0 52
13	Sa.	4 35	7 36	11 50	4 29	4 53	1 16	1 39
14	☽	4 36	7 35	MORN	5 18	5 45	2 4	2 31
15	Mo.	4 36	7 34	0 16	6 14	6 44	3 0	3 30
16	Tu.	4 37	7 34	0 46	7 15	7 46	4 0	4 31
17	We.	4 38	7 33	1 22	8 18	8 51	5 2	5 35
18	Th.	4 39	7 32	2 9	9 24	9 57	6 10	6 44
19	Fr.	4 40	7 32	3 8	10 28	10 58	7 14	7 45
20	Sa.	4 41	7 31	RISES	11 27	11 54	8 9	8 37
21	☽	4 42	7 30	8 53	·····	0 20	9 6	9 33
22	Mo.	4 43	7 29	9 28	0 46	1 12	9 58	10 25
23	Tu.	4 44	7 28	9 57	1 37	2 2	10 45	11 [illegible]
24	We.	4 44	7 28	10 23	2 25	2 48	11 31	11 55
25	Th.	4 45	7 27	10 47	3 11	3 33	·····	0 19
26	Fr.	4 46	7 26	11 11	3 56	4 20	0 43	1 7
27	Sa.	4 47	7 25	11 36	4 45	5 12	1 32	1 58
28	☽	4 48	7 23	MORN	5 39	6 7	2 25	2 53
29	Mo.	4 49	7 22	0 4	6 35	7 4	3 21	3 49
30	Tu.	4 50	7 21	0 37	7 33	8 1	4 17	4 45
31	We.	4 51	7 20	1 16	8 29	8 56	5 13	5 41

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Moon's Phases.	Day.	Boston. h m		New York. h m	
New Moon	4	5 1	A. M.	4 49	A. M.
First Q'rter	12	1 8	A. M.	0 56	A. M.
Full Moon	18	4 9	P. M.	3 57	P. M.
Last Q'rter	25	3 51	P. M.	3 39	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h m	Sun Sets. h m	Moon R. & S. h m	High Tide. Morning. h m	Evening. h m	New York. High Tide. Morning. h m	Evening. h m
1	Th.	4 52	7 19	2 1	9 23	9 49	6 9	6 35
2	Fr.	4 53	7 18	2 51	10 13	10 36	6 59	7 21
3	Sa.	4 54	7 17	3 47	10 58	11 20	7 42	8 2
4	☽	4 55	7 15	SETS	11 40	·····	8 23	8 44
5	Mo.	4 57	7 14	8 22	0 0	0 19	9 5	9 25
6	Tu.	4 58	7 13	8 46	0 38	0 57	9 44	10 2
7	We.	4 59	7 12	9 8	1 16	1 35	10 20	10 37
8	Th.	5 0	7 10	9 30	1 53	2 11	10 54	11 12
9	Fr.	5 1	7 9	9 53	2 30	2 49	11 32	11 54
10	Sa.	5 2	7 8	10 17	3 9	3 30	·····	0 16
11	☽	5 3	7 6	10 44	3 52	4 16	0 38	1 3
12	Mo.	5 4	7 5	11 16	4 42	5 11	1 29	1 57
13	Tu.	5 5	7 3	11 57	5 42	6 15	2 28	3 1
14	We.	5 6	7 2	MORN	6 50	7 26	3 35	4 10
15	Th.	5 7	7 0	0 49	8 2	8 38	4 46	5 23
16	Fr.	5 8	6 59	1 53	9 13	9 46	5 59	6 32
17	Sa.	5 9	6 57	3 7	10 17	10 46	7 3	7 31
18	☽	5 10	6 56	RISES	11 14	11 39	7 56	8 22
19	Mo.	5 11	6 54	7 55	·····	0 3	8 48	9 12
20	Tu.	5 13	6 53	8 22	0 27	0 50	9 36	9 58
21	We.	5 14	6 51	8 48	1 12	1 34	10 19	10 39
22	Th.	5 15	6 50	9 13	1 56	2 18	11 0	11 22
23	Fr.	5 16	6 48	9 38	2 39	3 0	11 44	·····
24	Sa.	5 17	6 47	10 5	3 22	3 45	0 7	0 31
25	☽	5 18	6 45	10 36	4 9	4 35	0 56	1 22
26	Mo.	5 19	6 43	11 13	5 2	5 31	1 49	2 17
27	Tu.	5 20	6 42	11 56	6 1	6 31	2 47	3 17
28	We.	5 21	6 40	MORN	7 2	7 32	3 47	4 17
29	Th.	5 22	6 39	0 45	8 1	8 30	4 46	5 14
30	Fr.	5 23	6 37	1 40	8 57	9 23	5 42	6 9
31	Sa.	5 24	6 35	2 39	9 48	10 11	6 34	6 57

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon	2	8	9	P. M.	7	57	P. M.
First Q'rter	10	9	19	A. M.	9	7	A. M.
Full Moon	17	0	20	A. M.	0	8	A. M.
Last Q'rter	24	8	37	A. M.	8	25	A. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	S	5	25	6	33	3	40	10	34	10	55	7	18	7	38
2	Mo.	5	26	6	32	4	43	11	14	11	32	7	56	8	14
3	Tu.	5	27	6	30	SETS		11	50	.....		8	33	8	53
4	We.	5	28	6	28	7	36	0	8	0	25	9	11	9	29
5	Th.	5	29	6	27	7	57	0	43	1	2	9	48	10	7
6	Fr.	5	30	6	25	8	20	1	21	1	40	10	25	10	43
7	Sa.	5	32	6	23	8	46	2	0	2	20	11	3	11	23
8	S	5	33	6	22	9	16	2	41	3	3	11	47	.....	
9	Mo.	5	34	6	20	9	53	3	26	3	52	0	12	0	39
10	Tu.	5	35	6	18	10	40	4	20	4	51	1	7	1	38
11	We.	5	36	6	16	11	37	5	25	6	1	2	11	2	47
12	Th.	5	37	6	14	MORN		6	38	7	16	3	24	4	1
13	Fr.	5	38	6	13	0	45	7	54	8	30	4	39	5	14
14	Sa.	5	39	6	11	2	1	9	2	9	33	5	47	6	19
15	S	5	40	6	9	3	20	10	3	10	31	6	49	7	15
16	Mo.	5	41	6	7	4	38	10	56	11	18	7	39	8	1
17	Tu.	5	42	6	6	RISES		11	40	.....		8	22	8	45
18	We.	5	43	6	4	7	10	0	1	0	22	9	8	9	29
19	Th.	5	44	6	2	7	36	0	43	1	4	9	50	10	10
20	Fr.	5	45	6	0	8	3	1	24	1	45	10	29	10	49
21	Sa.	5	46	5	59	8	33	2	7	2	29	11	11	11	34
22	S	5	47	5	57	9	8	2	51	3	14	11	59	.....	
23	Mo.	5	49	5	55	9	49	3	38	4	3	0	24	0	50
24	Tu.	5	50	5	53	10	36	4	30	4	59	1	17	1	45
25	We.	5	51	5	52	11	30	5	29	6	0	2	15	2	46
26	Th.	5	52	5	50	MORN		6	31	7	1	3	17	3	46
27	Fr.	5	53	5	48	0	28	7	30	7	59	4	15	4	43
28	Sa.	5	54	5	46	1	29	8	26	8	51	5	10	5	36
29	S	5	55	5	45	2	32	9	15	9	38	6	1	6	24
30	Mo.	5	56	5	43	3	36	10	0	10	21	6	46	7	7
..	....	....		....		.....		.....		.....		.....		.....	

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon	2	10	46	A. M.	10	34	A. M.
First Q'rter	9	4	19	P. M.	4	7	P. M.
Full Moon	16	10	50	A. M.	10	38	A. M.
Last Q'rter	24	4	9	A. M.	3	57	A. M.
New Moon	31	12	44	P. M.	12	32	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Tu.	5	57	5	41	4	40	10	41	11	1	7	26	7	44
2	We.	5	58	5	39	5	43	11	19	11	37	8	1	8	19
3	Th.	6	0	5	38	SETS		11	55	.....		8	39	8	59
4	Fr.	6	1	5	36	6	50	0	13	0	32	9	18	9	38
5	Sa.	6	2	5	34	7	19	0	52	1	12	9	58	10	19
6	S	6	3	5	33	7	53	1	34	1	57	10	40	11	3
7	Mo.	6	4	5	31	8	35	2	21	2	46	11	29	11	57
8	Tu.	6	5	5	29	9	28	3	12	3	40	.....		0	26
9	We.	6	6	5	27	10	31	4	10	4	43	0	57	1	30
10	Th.	6	8	5	26	11	42	5	19	5	55	2	5	2	41
11	Fr.	6	9	5	24	MORN		6	31	7	7	3	17	3	53
12	Sa.	6	10	5	23	0	59	7	43	8	16	4	28	5	0
13	S	6	11	5	21	2	16	8	46	9	14	5	31	5	59
14	Mo.	6	12	5	19	3	31	9	40	10	5	6	26	6	51
15	Tu.	6	14	5	18	4	46	10	29	10	51	7	15	7	35
16	We.	6	15	5	16	RISES		11	12	11	33	7	54	8	14
17	Th.	6	16	5	15	6	1	11	53	.....		8	36	8	59
18	Fr.	6	17	5	13	6	30	0	13	0	34	9	21	9	42
19	Sa.	6	18	5	11	7	3	0	55	1	17	10	3	10	24
20	S	6	19	5	10	7	42	1	39	2	2	10	45	11	7
21	Mo.	6	20	5	8	8	27	2	24	2	47	11	30	11	55
22	Tu.	6	22	5	7	9	18	3	11	3	36	.....		0	22
23	We.	6	23	5	5	10	15	4	2	4	29	0	49	1	16
24	Th.	6	24	5	4	11	16	4	57	5	26	1	44	2	12
25	Fr.	6	25	5	3	MORN		5	55	6	23	2	40	3	9
26	Sa.	6	26	5	1	0	18	6	51	7	18	3	37	4	3
27	S	6	28	5	0	1	21	7	44	8	9	4	28	4	53
28	Mo.	6	29	4	58	2	24	8	33	8	57	5	18	5	42
29	Tu.	6	30	4	57	3	28	9	20	9	42	6	5	6	28
30	We.	6	31	4	56	4	33	10	3	10	24	6	50	7	10
31	Th.	6	33	4	54	5	40	10	45	11	6	7	29	7	49

Moon's Phases.		Boston.				New York.			
	Day.	h	m			h	m		
First Q'rter.....	7	11	7	P. M.		10	55	P. M.	
Full Moon.....	15	0	24	A. M.		0	12	A. M.	
Last Q'rter.....	23	1	1	A. M.		0	49	A. M.	
New Moon.....	30	1	50	P. M.		1	38	P. M	

Day of M'th	Day of Week	BOSTON.								NEW YORK.			
		Sun Rises.		Sun Sets.		Moon R. & S.		High Tide.				High Tide.	
								Morning.		Evening.		Morning.		Evening.	
		h	m	h	m	h	m	h	m	h	m	h	m	h	m
1	Fr.	6	34	4	53	SETS		11	26	11	46	8	9	8	29
2	Sa.	6	35	4	52	5	51	.....		0	8	8	52	9	17
3	♐	6	36	4	51	6	32	0	30	0	54	9	41	10	5
4	Mo.	6	38	4	49	7	22	1	19	1	44	10	28	10	53
5	Tu.	6	39	4	48	8	23	2	11	2	38	11	21	11	51
6	We.	6	40	4	47	9	33	3	6	3	35	.....		0	22
7	Th.	6	41	4	46	10	48	4	6	4	39	0	53	1	25
8	Fr.	6	43	4	45	MORN		5	12	5	45	1	58	2	31
9	Sa.	6	44	4	44	0	3	6	18	6	50	3	4	3	36
10	♐	6	45	4	43	1	18	7	21	7	50	4	6	4	34
11	Mo.	6	46	4	42	2	31	8	18	8	45	5	2	5	30
12	Tu.	6	48	4	41	3	42	9	10	9	34	5	56	6	20
13	We.	6	49	4	40	4	52	9	58	10	21	6	44	7	7
14	Th.	6	50	4	39	6	3	10	44	11	5	7	29	7	49
15	Fr.	6	52	4	38	RISES		11	26	11	47	8	8	8	30
16	Sa.	6	53	4	37	5	36	.....		0	8	8	53	9	14
17	♐	6	54	4	36	6	19	0	30	0	52	9	34	9	57
18	Mo.	6	55	4	35	7	8	1	14	1	37	10	22	10	44
19	Tu.	6	56	4	35	8	3	2	0	2	24	11	6	11	29
20	We.	6	58	4	34	9	3	2	47	3	9	11	54	.....	
21	Th.	6	59	4	33	10	4	3	33	3	57	0	19	0	44
22	Fr.	7	0	4	33	11	6	4	21	4	46	1	8	1	33
23	Sa.	7	1	4	32	MORN		5	12	5	38	1	58	2	24
24	♐	7	2	4	32	0	8	6	4	6	30	2	50	3	16
25	Mo.	7	4	4	31	1	11	6	56	7	21	3	41	4	6
26	Tu.	7	5	4	31	2	15	7	46	8	11	4	31	4	55
27	We.	7	6	4	30	3	20	8	35	8	59	5	19	5	44
28	Th.	7	7	4	30	4	28	9	23	9	48	6	9	6	34
29	Fr.	7	8	4	29	5	40	10	12	10	37	6	58	7	22
30	Sa.	7	9	4	29	6	56	11	1	11	26	7	44	8	8
..	....	....		....		.....		.....		.....		.....		.....	

Moon's Phases.		Boston.				New York.			
	Day.	h	m			h	m		
First Q'rter.....	7	6	52	A. M.		6	40	A. M.	
Full Moon.....	14	5	0	P. M.		4	48	P. M.	
Last Q'rter.....	22	9	27	P. M.		9	15	P. M.	
New Moon.....	30	1	52	A. M.		1	40	A. M.	

Day of M'th	Day of Week	BOSTON.								NEW YORK.			
		Sun Rises.		Sun Sets.		Moon R. & S.		High Tide.				High Tide.	
								Morning.		Evening.		Morning.		Evening.	
		h	m	h	m	h	m	h	m	h	m	h	m	h	m
1	♑	7	10	4	29	SETS		11	51	.....		8	34	9	2
2	Mo.	7	11	4	28	6	12	0	16	0	42	9	29	9	55
3	Tu.	7	12	4	28	7	21	1	9	1	37	10	21	10	48
4	We.	7	13	4	28	8	36	2	5	2	33	11	16	11	45
5	Th.	7	14	4	28	9	53	3	1	3	28	.....		0	14
6	Fr.	7	15	4	28	11	9	3	56	4	24	0	43	1	12
7	Sa.	7	16	4	28	MORN		4	53	5	23	1	40	2	9
8	♑	7	17	4	28	0	22	5	53	6	22	2	39	3	7
9	Mo.	7	18	4	28	1	32	6	50	7	18	3	35	4	3
10	Tu.	7	19	4	28	2	41	7	45	8	12	4	30	4	57
11	We.	7	20	4	28	3	50	8	39	9	4	5	24	5	50
12	Th.	7	20	4	28	4	59	9	28	9	52	6	14	6	38
13	Fr.	7	21	4	28	6	6	10	16	10	40	7	2	7	24
14	Sa.	7	22	4	29	7	12	11	3	11	25	7	46	8	8
15	♑	7	23	4	29	RISES		11	47	.....		8	30	8	54
16	Mo.	7	23	4	29	5	53	0	9	0	31	9	18	9	40
17	Tu.	7	24	4	29	6	52	0	53	1	16	10	2	10	22
18	We.	7	25	4	29	7	53	1	38	1	59	10	42	11	2
19	Th.	7	25	4	30	8	55	2	20	2	41	11	23	11	45
20	Fr.	7	26	4	31	9	56	3	2	3	23	.....		0	8
21	Sa.	7	26	4	31	10	57	3	44	4	5	0	30	0	52
22	♑	7	27	4	32	11	59	4	27	4	50	1	14	1	37
23	Mo.	7	27	4	32	MORN		5	14	5	38	2	0	2	24
24	Tu.	7	28	4	33	1	2	6	3	6	29	2	49	3	15
25	We.	7	28	4	33	2	7	6	56	7	24	3	42	4	9
26	Th.	7	28	4	34	3	16	7	51	8	18	4	35	5	2
27	Fr.	7	29	4	35	4	29	8	47	9	16	5	32	6	2
28	Sa.	7	29	4	35	5	44	9	45	10	13	6	31	6	59
29	♑	7	29	4	36	6	57	10	42	11	11	7	26	7	53
30	Mo.	7	29	4	37	SETS		11	38	.....		8	21	8	50
31	Tu.	7	30	4	38	6	15	0	5	0	33	9	19	9	47

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JANUARY.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	3	4	9	P.M.
New Moon...	10	9	8	A.M.
First Q'rter.	17	6	12	A.M.
Full Moon...	25	11	24	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	7	29	4	38	10	16
2	Tu.	7	29	4	39	11	20
3	We.	7	29	4	40	MORN	
4	Th.	7	29	4	41	0	26
5	Fr.	7	29	4	42	1	35
6	Sa.	7	29	4	43	2	48
7	☯	7	29	4	44	4	4
8	Mo.	7	28	4	45	5	20
9	Tu.	7	28	4	46	6	35
10	We.	7	28	4	47	SETS	
11	Th.	7	28	4	48	6	10
12	Fr.	7	27	4	49	7	27
13	Sa.	7	27	4	51	8	42
14	☯	7	26	4	52	9	54
15	Mo.	7	26	4	53	11	2
16	Tu.	7	26	4	54	MORN	
17	We.	7	25	4	55	0	7
18	Th.	7	25	4	57	1	10
19	Fr.	7	24	4	58	2	13
20	Sa.	7	24	4	59	3	15
21	☯	7	23	5	0	4	16
22	Mo.	7	22	5	1	5	14
23	Tu.	7	22	5	3	6	8
24	We.	7	21	5	4	6	56
25	Th.	7	20	5	5	RISES	
26	Fr.	7	19	5	6	6	3
27	Sa.	7	18	5	7	7	7
28	☯	7	18	5	9	8	11
29	Mo.	7	17	5	10	9	14
30	Tu.	7	16	5	11	10	18
31	We.	7	15	5	12	11	25

FEBRUARY.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	2	4	20	A.M.
New Moon...	8	8	2	P.M.
First Q'rter.	16	0	34	A.M.
Full Moon...	24	5	6	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Th.	7	14	5	14	MORN	
2	Fr.	7	13	5	15	0	33
3	Sa.	7	12	5	17	1	45
4	☯	7	11	5	18	2	59
5	Mo.	7	10	5	19	4	12
6	Tu.	7	9	5	20	5	21
7	We.	7	7	5	22	6	22
8	Th.	7	6	5	23	SETS	
9	Fr.	7	5	5	24	6	14
10	Sa.	7	4	5	25	7	28
11	☯	7	2	5	27	8	40
12	Mo.	7	1	5	28	9	50
13	Tu.	6	59	5	30	10	57
14	We.	6	58	5	31	MORN	
15	Th.	6	57	5	32	0	1
16	Fr.	6	55	5	33	1	5
17	Sa.	6	54	5	35	2	7
18	☯	6	52	5	36	3	6
19	Mo.	6	51	5	37	4	2
20	Tu.	6	50	5	38	4	53
21	We.	6	48	5	39	5	37
22	Th.	6	47	5	41	6	14
23	Fr.	6	45	5	42	RISES	
24	Sa.	6	44	5	43	6	1
25	☯	6	42	5	44	7	5
26	Mo.	6	41	5	46	8	10
27	Tu.	6	39	5	47	9	17
28	We.	6	37	5	48	10	25
29	Th.	6	36	5	50	11	36

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MARCH.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	2	1	38	P.M.
New Moon...	9	7	3	A.M.
First Q'rter.	16	8	35	P.M.
Full Moon...	24	7	53	P.M.
Last Q'rter.	31	8	41	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Fr.	6	34	5	51	MORN	
2	Sa.	6	32	5	52	0	49
3	☯	6	31	5	53	2	1
4	Mo.	6	29	5	55	3	9
5	Tu.	6	28	5	56	4	10
6	We.	6	26	5	57	5	2
7	Th.	6	24	5	58	5	46
8	Fr.	6	23	5	59	6	20
9	Sa.	6	21	6	0	SETS	
10	☯	6	20	6	1	7	28
11	Mo.	6	18	6	2	8	38
12	Tu.	6	16	6	3	9	45
13	We.	6	14	6	4	10	50
14	Th.	6	13	6	6	11	54
15	Fr.	6	11	6	7	MORN	
16	Sa.	6	9	6	8	0	56
17	☯	6	7	6	9	1	54
18	Mo.	6	5	6	10	2	47
19	Tu.	6	4	6	12	3	34
20	We.	6	2	6	13	4	14
21	Th.	6	0	6	14	4	48
22	Fr.	5	58	6	15	5	17
23	Sa.	5	57	6	16	5	45
24	☯	5	55	6	17	RISES	
25	Mo.	5	54	6	18	7	6
26	Tu.	5	52	6	19	8	15
27	We.	5	50	6	20	9	26
28	Th.	5	49	6	21	10	40
29	Fr.	5	47	6	23	11	52
30	Sa.	5	46	6	24	MORN	
31	☯	5	44	6	25	1	2

APRIL.

Moon's Phases.

	Day.	h	m	
New Moon...	7	6	41	P.M
First Q'rter.	15	4	21	P.M.
Full Moon...	23	7	47	A.M
Last Q'rter.	30	2	31	A.M

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	5	42	6	26	2	5
2	Tu.	5	40	6	27	3	0
3	We.	5	39	6	28	3	44
4	Th.	5	37	6	29	4	20
5	Fr.	5	35	6	30	4	51
6	Sa.	5	33	6	31	5	18
7	☯	5	32	6	32	SETS	
8	Mo.	5	30	6	34	7	28
9	Tu.	5	29	6	35	8	33
10	We.	5	27	6	36	9	39
11	Th.	5	25	6	37	10	43
12	Fr.	5	24	6	38	11	44
13	Sa.	5	22	6	39	MORN	
14	☯	5	21	6	40	0	39
15	Mo.	5	19	6	41	1	28
16	Tu.	5	17	6	42	2	10
17	We.	5	16	6	43	2	47
18	Th.	5	14	6	45	3	19
19	Fr.	5	13	6	46	3	47
20	Sa.	5	11	6	47	4	13
21	☯	5	9	6	48	4	36
22	Mo.	5	8	6	49	5	0
23	Tu.	5	6	6	50	RISES	
24	We.	5	5	6	51	8	24
25	Th.	5	3	6	52	9	40
26	Fr.	5	2	6	53	10	53
27	Sa.	5	1	6	54	MORN	
28	☯	4	59	6	55	0	1
29	Mo.	4	58	6	56	0	59
30	Tu.	4	57	6	57	1	46

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MAY.

Moon's Phases.

	Day.	h	m	
New Moon...	7	7	28	A.M.
First Q'rter.	15	10	15	A.M.
Full Moon...	22	5	18	P.M.
Last Q'rter.	29	8	22	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	We.	4	56	6	58	2	24
2	Th.	4	54	6	59	2	56
3	Fr.	4	53	7	1	3	23
4	Sa.	4	51	7	2	3	48
5	S	4	50	7	3	4	12
6	Mo.	4	49	7	4	4	36
7	Tu.	4	48	7	5	SETS	
8	We.	4	46	7	6	8	30
9	Th.	4	45	7	7	9	32
10	Fr.	4	44	7	8	10	30
11	Sa.	4	43	7	9	11	22
12	S	4	42	7	10	MORN	
13	Mo.	4	41	7	11	0	7
14	Tu.	4	40	7	12	0	46
15	We.	4	39	7	13	1	19
16	Th.	4	38	7	14	1	47
17	Fr.	4	37	7	15	2	12
18	Sa.	4	37	7	16	2	37
19	S	4	36	7	17	3	1
20	Mo.	4	35	7	18	3	26
21	Tu.	4	34	7	19	3	54
22	We.	4	33	7	20	4	24
23	Th.	4	33	7	20	RISES	
24	Fr.	4	32	7	21	9	47
25	Sa.	4	31	7	22	10	50
26	S	4	30	7	23	11	43
27	Mo.	4	30	7	24	MORN	
28	Tu.	4	29	7	25	0	25
29	We.	4	29	7	26	0	59
30	Th.	4	28	7	27	1	28
31	Fr.	4	28	7	28	1	54

JUNE.

Moon's Phases.

	Day.	h	m	
New Moon...	5	9	33	P.M.
First Q'rter.	14	1	29	A.M.
Full Moon...	21	1	7	A.M.
Last Q'rter.	27	3	37	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Sa.	4	27	7	28	2	17
2	S	4	27	7	29	2	39
3	Mo.	4	26	7	29	3	4
4	Tu.	4	26	7	30	3	31
5	We.	4	26	7	31	4	2
6	Th.	4	26	7	31	SETS	
7	Fr.	4	25	7	32	9	17
8	Sa.	4	25	7	32	10	5
9	S	4	25	7	33	10	46
10	Mo.	4	25	7	34	11	20
11	Tu.	4	25	7	34	11	49
12	We.	4	24	7	35	MORN	
13	Th.	4	24	7	35	0	15
14	Fr.	4	24	7	36	0	40
15	Sa.	4	24	7	36	1	3
16	S	4	24	7	36	1	25
17	Mo.	4	25	7	37	1	50
18	Tu.	4	25	7	37	2	19
19	We.	4	25	7	37	2	53
20	Th.	4	25	7	37	3	36
21	Fr.	4	25	7	37	RISES	
22	Sa.	4	26	7	38	9	33
23	S	4	26	7	38	10	21
24	Mo.	4	26	7	38	11	0
25	Tu.	4	26	7	38	11	30
26	We.	4	27	7	38	11	57
27	Th.	4	27	7	38	MORN	
28	Fr.	4	28	7	38	0	22
29	Sa.	4	28	7	38	0	46
30	S	4	28	7	38	1	11

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JULY.

Moon's Phases.

	Day.	h	m	
New Moon...	5	0	35	P.M.
First Q'rter.	13	1	58	P.M.
Full Moon...	20	8	3	A.M.
Last Q'rter.	27	1	28	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	4	29	7	38	1	37
2	Tu.	4	29	7	38	2	6
3	We.	4	30	7	38	2	39
4	Th.	4	30	7	38	3	20
5	Fr.	4	31	7	38	SETS	
6	Sa.	4	32	7	37	8	45
7	S	4	32	7	37	9	21
8	Mo.	4	33	7	36	9	52
9	Tu.	4	34	7	36	10	18
10	We.	4	35	7	35	10	43
11	Th.	4	36	7	35	11	6
12	Fr.	4	36	7	34	11	29
13	Sa.	4	37	7	34	11	52
14	S	4	38	7	33	MORN	
15	Mo.	4	39	7	32	0	19
16	Tu.	4	40	7	32	0	49
17	We.	4	40	7	31	1	25
18	Th.	4	41	7	31	2	12
19	Fr.	4	42	7	30	3	11
20	Sa.	4	43	7	29	RISES	
21	S	4	44	7	28	8	54
22	Mo.	4	44	7	28	9	29
23	Tu.	4	45	7	27	9	59
24	We.	4	46	7	26	10	25
25	Th.	4	47	7	25	10	49
26	Fr.	4	48	7	24	11	13
27	Sa.	4	49	7	23	11	39
28	S	4	50	7	22	MORN	
29	Mo.	4	51	7	21	0	7
30	Tu.	4	52	7	20	0	40
31	We.	4	53	7	19	1	19

AUGUST.

Moon's Phases.

	Day.	h	m	
New Moon...	4	3	55	A.M.
First Q'rter.	12	0	2	A.M.
Full Moon...	18	3	3	P.M
Last Q'rter.	25	2	45	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Th.	4	54	7	18	2	4
2	Fr.	4	55	7	17	2	54
3	Sa.	4	56	7	16	3	50
4	S	4	57	7	15	SETS	
5	Mo.	4	58	7	14	8	23
6	Tu.	4	59	7	12	8	47
7	We.	5	0	7	11	9	10
8	Th.	5	1	7	10	9	32
9	Fr.	5	2	7	9	9	55
10	Sa.	5	3	7	7	10	20
11	S	5	4	7	6	10	47
12	Mo.	5	5	7	4	11	19
13	Tu.	5	6	7	3	MORN	
14	We.	5	7	7	1	0	0
15	Th.	5	8	7	0	0	52
16	Fr.	5	9	6	58	1	56
17	Sa.	5	10	6	57	3	10
18	S	5	11	6	55	RISES	
19	Mo.	5	12	6	54	7	56
20	Tu.	5	13	6	52	8	24
21	We.	5	15	6	51	8	50
22	Th.	5	16	6	49	9	15
23	Fr.	5	17	6	48	9	41
24	Sa.	5	18	6	46	10	8
25	S	5	19	6	45	10	39
26	Mo.	5	20	6	43	11	16
27	Tu.	5	21	6	42	11	59
28	We.	5	22	6	40	MORN	
29	Th.	5	23	6	38	0	48
30	Fr.	5	24	6	37	1	43
31	Sa.	5	25	6	35	2	42

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SEPTEMBER.

Moon's Phases.

	Day.	h	m	
New Moon...	2	7	3	P.M.
First Q'rter.	10	8	13	A.M.
Full Moon...	16	11	14	P.M.
Last Q'rter.	24	7	31	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	♋	5	26	6	34	3	43
2	Mo.	5	27	6	32	4	46
3	Tu.	5	28	6	30	SETS	
4	We.	5	29	6	28	7	38
5	Th.	5	30	6	27	7	59
6	Fr.	5	31	6	25	8	22
7	Sa.	5	32	6	23	8	49
8	♋	5	33	6	21	9	19
9	Mo.	5	34	6	20	9	56
10	Tu.	5	35	6	18	10	43
11	We.	5	36	6	17	11	40
12	Th.	5	37	6	15	MORN	
13	Fr.	5	38	6	13	0	48
14	Sa.	5	39	6	11	2	4
15	♋	5	41	6	10	3	23
16	Mo.	5	42	6	8	4	41
17	Tu.	5	43	6	6	RISES	
18	We.	5	44	6	4	7	12
19	Th.	5	45	6	2	7	39
20	Fr.	5	45	6	1	8	6
21	Sa.	5	46	5	59	8	36
22	♋	5	47	5	57	9	11
23	Mo.	5	48	5	55	9	52
24	Tu.	5	49	5	53	10	39
25	We.	5	51	5	52	11	33
26	Th.	5	52	5	50	MORN	
27	Fr.	5	53	5	48	0	31
28	Sa.	5	54	5	46	1	32
29	♋	5	55	5	45	2	35
30	Mo.	5	57	5	43	3	39
..	....	....		....		.....	

OCTOBER.

Moon's Phases.

	Day.	h	m	
New Moon...	2	9	40	A.M.
First Q'rter.	9	3	13	P.M.
Full Moon...	16	9	44	A.M.
Last Q'rter.	24	3	3	A.M.
New Moon...	31	11	38	P.M

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Tu.	5	58	5	42	4	42
2	We.	5	59	5	40	5	45
3	Th.	6	0	5	38	SETS	
4	Fr.	6	1	5	36	6	53
5	Sa.	6	2	5	35	7	22
6	♋	6	3	5	33	7	56
7	Mo.	6	4	5	31	8	38
8	Tu.	6	5	5	29	9	31
9	We.	6	6	5	28	10	34
10	Th.	6	8	5	26	11	45
11	Fr.	6	9	5	25	MORN	
12	Sa.	6	10	5	23	1	2
13	♋	6	11	5	21	2	19
14	Mo.	6	12	5	20	3	33
15	Tu.	6	14	5	18	4	48
16	We.	6	15	5	17	RISES	
17	Th.	6	16	5	15	6	4
18	Fr.	6	17	5	14	6	33
19	Sa.	6	18	5	12	7	6
20	♋	6	19	5	11	7	45
21	Mo.	6	20	5	9	8	30
22	Tu.	6	21	5	8	9	21
23	We.	6	22	5	6	10	18
24	Th.	6	24	5	5	11	19
25	Fr.	6	25	5	3	MORN	
26	Sa.	6	27	5	2	0	21
27	♋	6	28	5	0	1	24
28	Mo.	6	29	4	59	2	26
29	Tu.	6	30	4	58	3	30
30	We.	6	32	4	56	4	35
31	Th.	6	33	4	55	5	42

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NOVEMBER.

Moon's Phases.

	Day.	h	m	
First Q'rter.	7	10	1	P.M.
Full Moon...	14	11	18	P.M.
Last Q'rter.	22	11	55	P.M.
New Moon...	30	0	44	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Fr.	6	34	4	54	SETS	
2	Sa.	6	35	4	53	5	54
3	♋	6	36	4	52	6	35
4	Mo.	6	38	4	50	7	25
5	Tu.	6	39	4	49	8	26
6	We.	6	40	4	48	9	36
7	Th.	6	41	4	47	10	51
8	Fr.	6	42	4	46	MORN	
9	Sa.	6	44	4	44	0	6
10	♋	6	45	4	43	1	21
11	Mo.	6	46	4	42	2	33
12	Tu.	6	47	4	41	3	44
13	We.	6	48	4	40	4	54
14	Th.	6	50	4	40	6	4
15	Fr.	6	51	4	39	RISES	
16	Sa.	6	52	4	38	5	39
17	♋	6	53	4	37	6	22
18	Mo.	6	54	4	36	7	11
19	Tu.	6	56	4	36	8	6
20	We.	6	57	4	35	9	6
21	Th.	6	58	4	34	10	7
22	Fr.	6	59	4	33	11	9
23	Sa.	7	0	4	33	MORN	
24	♋	7	2	4	32	0	11
25	Mo.	7	3	4	32	1	13
26	Tu.	7	4	4	31	2	17
27	We.	7	5	4	31	3	22
28	Th.	7	6	4	30	4	29
29	Fr.	7	8	4	30	5	41
30	Sa.	7	9	4	29	6	57
..	....	....		....		.....	

DECEMBER.

Moon's Phases.

	Day.	h	m	
First Q'rter.	7	5	46	A.M.
Full Moon...	14	3	54	P.M.
Last Q'rter.	22	8	21	P.M.
New Moon...	30	0	46	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	♋	7	10	4	29	SETS	
2	Mo.	7	11	4	29	6	15
3	Tu.	7	12	4	29	7	24
4	We.	7	13	4	28	8	39
5	Th.	7	14	4	28	9	56
6	Fr.	7	15	4	28	11	12
7	Sa.	7	16	4	28	MORN	
8	♋	7	17	4	28	0	24
9	Mo.	7	17	4	28	1	34
10	Tu.	7	18	4	28	2	43
11	We.	7	19	4	28	3	51
12	Th.	7	20	4	28	5	0
13	Fr.	7	21	4	28	6	7
14	Sa.	7	21	4	29	7	13
15	♋	7	22	4	29	RISES	
16	Mo.	7	23	4	29	5	56
17	Tu.	7	24	4	29	6	55
18	We.	7	24	4	30	7	56
19	Th.	7	25	4	30	8	58
20	Fr.	7	25	4	31	9	59
21	Sa.	7	26	4	31	10	59
22	♋	7	26	4	32	MORN	
23	Mo.	7	27	4	32	0	1
24	Tu.	7	27	4	33	1	4
25	We.	7	28	4	33	2	9
26	Th.	7	28	4	34	3	17
27	Fr.	7	28	4	35	4	30
28	Sa.	7	28	4	36	5	45
29	♋	7	29	4	36	6	58
30	Mo.	7	29	4	37	SETS	
31	Tu.	7	29	4	38	6	18

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MONEY ORDER POST OFFICES are established in most of the large cities and towns, at which orders can be obtained upon any other office, at the following *rates of commission:*

On orders not exceeding $20	10	cents.
Over $20 and not exceeding $30	15	"
Over $30 " " $40	20	"
Over $40 " " $50	25	"

No single order issued for less than one dollar nor more than fifty dollars. Parties desiring to remit larger sums must obtain additional money orders.

MONDAY, JANUARY 1, 1872.

Pleasant

Finished weeding back of the swamp

Took Chases

2 doz cow cheews

2 qts kerosene 25

TUESDAY, JANUARY 2, 1872.

Pleasant

Commenced cut=
ting on the S.E.
of the swamp

WEDNESDAY, JANUARY 3, 1872.

Pleasant

Worked part of the
day in the swamp

THURSDAY, JANUARY 4, 1872.

Snow & rain

FRIDAY, JANUARY 5, 1872.

Warm & Pleasant

Sold our sheep and one lamb to B. Hidden for $8.00

SATURDAY, JANUARY 6, 1872.

Pleasant
wind rising

Received a letter
from Sister Harriet

SUNDAY, JANUARY 7, 1872.

Cold & very windy

MONDAY, JANUARY 8, 1872.

Cold

TUESDAY, JANUARY 9, 1872.

Pleasant

Worked this forenoon in the edge of the timber

WEDNESDAY, JANUARY 10, 1872.

Pleasant

Worked in the edge of the swamp

Recd the Butter Money $49.00 from Boston

THURSDAY, JANUARY 11, 1872.

Pleasant

Worked in the edge of the swamp

FRIDAY, JANUARY 12, 1872.

Pleasant

Worked part of
of the day in the
Edge of the swamp

SATURDAY, JANUARY 13, 1872.

Pleasant

Worked all the
edge of the swamp

SUNDAY, JANUARY 14, 1872.

Cold

MONDAY, JANUARY 15, 1872.

Pleasant

Z Bartlett called this evening

TUESDAY, JANUARY 16, 1872.

Pleasant

WEDNESDAY, JANUARY 17, 1872.

Snow

Made Z Bartlett an offer for my Horses & tools

Got at Chases 2 qts kerosene 65

THURSDAY, JANUARY 18, 1872.

Pleasant

FRIDAY, JANUARY 19, 1872.

Pleasant

Saturday, January 20, 1872.

Pleasant
some snow in
the night

Gt of Moccasins
½ bushel oats .63 7

Sunday, January 21, 1872.

Warm

MONDAY, JANUARY 22, 1872.

Pleasant

TUESDAY, JANUARY 23, 1872.

Pleasant

WEDNESDAY, JANUARY 24, 1872.

Cold

Made a trade with Zo Bartlett for my Farm this evening

Carried to Chas 7 doz eggs @ 30¢ $2.10

THURSDAY, JANUARY 25, 1872.

Cold

Made out the writings with the Bartletts

FRIDAY, JANUARY 26, 1872.

Cold

Cyrus & Susan Bartlett are to pay Me $25. for the rest of the mow and $40. for the rest of the sheep when they get their School money

Had the Insurance Policy transfered

Wrote to James, and others

SATURDAY, JANUARY 27, 1872.

Pleasant

The Bartletts took the heifer home

SUNDAY, JANUARY 28, 1872.

Pleasant

J Moore & Wife
arrived

MONDAY, JANUARY 29, 1872.

Pleasant

Moore & Wife
started for home
and took my 2 buffa-
low robes to sell for me

Sent ten Dollars in a
letter to Celia

TUESDAY, JANUARY 30, 1872.

Very cold

Looked over accounts

WEDNESDAY, JANUARY 31, 1872.

Pleasant

Mr Goff called today

Cold

Mr Holt & Wife spent the evening with us Harry had company

Let Rose have 5 ~~½~~ bush'l corn @ $1.10 — 4 lbs ($5.42)

Let Noveros have 5 bush'l corn @ $1.10 $5.50

Pleasant

Settled all Accounts with E Noveros to this date

SATURDAY, FEBRUARY 3, 1872.

Commenced
snowing this afternoon

Fixed the pen for
Pansey

Got at Chases
2 qts kerosene 25
1 lb saleratus

SUNDAY, FEBRUARY 4, 1872.

Snow & blowing
all day

MONDAY, FEBRUARY 5, 1872.

Pleasant

TUESDAY, FEBRUARY 6, 1872.

Cold

WEDNESDAY, FEBRUARY 7, 1872.

Pleasant

Rec^d a letter from
Bro^r James

THURSDAY, FEBRUARY 8, 1872.

Pleasant

Rec^d a letter from
George Moore

My Wife had the
Sewing Circle

SUNDAY, FEBRUARY 11, 1872.

Pleasant

Wrote to James

MONDAY, FEBRUARY 12, 1872.

Pleasant

Got at Chase's
Trimmings for coat $2.34

Harry got his calf
boots of Rose which
pays for the 5 bush.
of corn & let him have

TUESDAY, FEBRUARY 13, 1872.

Pleasant

Paid H Austin
for use of Horse 1½
days plowing last fall
$1.90 (this squares me with him)

WEDNESDAY, FEBRUARY 14, 1872.

Snow & Rain

THURSDAY, FEBRUARY 15, 1872.

Pleasant

FRIDAY, FEBRUARY 16, 1872.

Windy

SATURDAY, FEBRUARY 17, 1872.

Windy

Carried to Chase's
7½ doz eggs @ 24¢ $1.80

SUNDAY, FEBRUARY 18, 1872.

Pleasant.

MONDAY, FEBRUARY 19, 1872.

Pleasant

Pansy had a heifer calf and is doing nicely

TUESDAY, FEBRUARY 20, 1872.

Pleasant

WEDNESDAY, FEBRUARY 21, 1872.

Windy

Harry taken sick

Got @ Chase's ¢
1 plug tobacco 30

THURSDAY, FEBRUARY 22, 1872.

Windy & cold

Got at Chase's ¢
1 gall cider 25

FRIDAY, FEBRUARY 23, 1872.

Cold

Settled all Accounts
with Mr Woodbury
to this date

SATURDAY, FEBRUARY 24, 1872.

Pleasant

Recd a trunk from
George Moore

Wrote a letter to
George Moore

SUNDAY, FEBRUARY 25, 1872.

Pleasant

MONDAY, FEBRUARY 26, 1872.

Cold, blowing
a gale

TUESDAY, FEBRUARY 27, 1872.

Cold & Windy

WEDNESDAY, FEBRUARY 28, 1872.

Cold & Windy

Got at W Eustis'
1 tea pot 2⁷⁵, & 1 pt dipper 1⁷⁵

Got at Chases
5 lbs sugar @ 14¢ .70
1 lb crackers 17

Settled with N Stanley
for pasturing $6.00

THURSDAY, FEBRUARY 29, 1872.

Cold & Windy

Harry started for Chicago this morning

FRIDAY, MARCH 1, 1872.

More Pleasant

Rose got 20 bush potatoes @ 30¢ $6.00

SATURDAY, MARCH 2, 1872.

Pleasant

Mother Fuller arrived last evening

Carried to Chases 3 doz eggs @ 24¢

Settled with Scott Mitchell, he is to allow me $1.50 on hauling my goods

SUNDAY, MARCH 3, 1872.

Pleasant

Wrote to Sister Bessie

MONDAY, MARCH 4, 1872.

Pleasant

Got at Chases
1 plug tobacco 60¢

Got a letter from
Mother

TUESDAY, MARCH 5, 1872.

Very cold, blowing
a gale

My wife started
for Canton this morning

MONDAY, MARCH 4, 1872.

Pleasant

Got at Chases
1 plug tobacco 60¢

Got a letter from
Mother

TUESDAY, MARCH 5, 1872.

Very cold, blowing
a gale

My wife started
for Canton this morning

Very cold & windy

No Mail last night

Cold

Recd a letter from Harry in Boston

Settled all Accounts with The Calvin Rose to this date

FRIDAY, MARCH 8, 1872.

Cold

SATURDAY, MARCH 9, 1872.

Pleasant

My Wife arrived this evening from Canton

SUNDAY, MARCH 10, 1872.

Rainy

MONDAY, MARCH 11, 1872.

Rainy

Recd a letter from Harry in Chicago also one from Geo Moore

TUESDAY, MARCH 12, 1872.

Cold

WEDNESDAY, MARCH 13, 1872.

Pleasant

Wrote to Geo Moore

THURSDAY, MARCH 14, 1872.

Pleasant

FRIDAY, MARCH 15, 1872.

Blowing
a gale

Got at Chases
one syringe $1.33

SATURDAY, MARCH 16, 1872.

Cold & Windy

SUNDAY, MARCH 17, 1872.

Pleasant

MONDAY, MARCH 18, 1872.

Cold

TUESDAY, MARCH 19, 1872.

Snowing

Chase & Co Cr

By 1 lb tea $.5

2 lbs gd sugar

Dr to 5 doz eggs

WEDNESDAY, MARCH 20, 1872.

Cold & windy

THURSDAY, MARCH 21, 1872.

Cold & windy

Wrote to Bessie & E Louise

FRIDAY, MARCH 22, 1872.

Cold & windy

SATURDAY, MARCH 23, 1872.

Pleasant

SUNDAY, MARCH 24, 1872.

Pleasant

MONDAY, MARCH 25, 1872.

Pleasant

Chase & Co Cr
By perforated pt 20
Dr to 3/4 lb boxes

My H C Mitchell hauled
8 barrels to Bryants
Pond for me 6 55 lbs

Slept at Mrs Eatons

TUESDAY, MARCH 26, 1872.

Pleasant

Finished packing the freight consisting of 16 barrels
1 tool chest
1 chest
1 box.

Slept at Mrs Eatons

WEDNESDAY, MARCH 27, 1872.

Pleasant

Commenced packing the trunks

THURSDAY, MARCH 28, 1872.

FRIDAY, MARCH 29, 1872.

THURSDAY, MARCH 28, 1872.

FRIDAY, MARCH 29, 1872.

MAR 28 - DEC 31 NO ENTRIES