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M. S. Hilton
Ashland
Reg.

THE STANDARD DIARY



PUBLISHED
FOR THE TRADE

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Mr. T. Hilton
Ashland
Ky
DIARY
TRADE
1896
MARK
PUBLISHED
FOR THE TRADE

CALENDAR.

1896.

JAN.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	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	..

FEB.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	..	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

MAR.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	..	..
	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	..	..	..	..

APRIL.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	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	..	..

MAY.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	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	..	..	..	..	..	..

JUNE.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	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	..	..	..	..

JULY.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	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	..

AUG.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	..	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	..	..	..	..	..

SEPT.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	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	..	..	..

OCT.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	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

NOV.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	..	..
	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	..	..	..	..	..

DEC.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	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	..	..

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4	In.	make	1 Hand.	3	Feet	make	1 Yard.
7.92	In.	"	1 Link.	5½	Yds.	"	1 Rod or Pole
18	In.	"	1 Cubit.	40	Poles	"	1 Furlong.
12	In.	"	1 Foot.	8	Fur.	"	1 Mile.
6	Ft.	"	1 Fathom.	69 1-6 Miles make 1 Degree.			

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144	Square Inches	make	1 Square Foot.
9	Square Feet	"	1 Square Yard.
30¼	Square Yards	"	1 Rod, Perch or Pole.
40	Square Rods	"	1 Square Rood.
4	Square Roods	"	1 Square Acre.
10	Square Chains	"	1 Square Acre.
640	Square Acres	"	1 Square Mile.

Gunter's Chain equal to 22 Yards or 100 Links.
272¼ Square Feet make 1 Square Rod.
43,560 Square Feet " 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches make 1 Cubic Foot.
27 Cubic Feet " 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32	Grains	make	1 Drachm (dr.)	or	27 11/32	Grains.
16	Drachms	"	1 Ounce (oz.)	or	437½	"
16	Ounces	"	1 Pound (lb.)	or	7000	"
28	Pounds	"	1 Quarter (qr.)			
4	Quarters	"	1 Hundred-Weight (cwt.)			
20	Cwts.	"	1 Ton.			
2240	Pounds	"	1 Ton.			

TROY WEIGHT.

24	Grains	make	1 Pennyweight,	or	24	Grains.
20	Pennywts.	"	1 Ounce,	or	480	"
12	Ounces	"	1 Pound,	or	5760	"

APOTHECARIES' WEIGHT.

20	Grains	make	1 Scruple.	8	Drachms	make	1 Ounce.
3	Scruples	"	1 Drachm.	12	Ounces	"	1 Pound.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

States.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire.	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

INTEREST LAWS OF ALL THE STATES.

States and Territories.	Penalty of Usury.	Rate.	Special.
Alabama	Forfeiture of all interest (a)	8	8 per ct.
Arkansas	Forfeiture of principal & int. (a)	6	10 per ct.
California	None (b)	7	No limit.
Colorado	None (a) (e)	8	No limit.
Connecticut	None (b)	6	6 per ct.
Delaware	Forfeiture of contract (b)	6	6 per ct.
District of Col.	Forfeiture of entire interest (b).	6	10 per ct.
Florida	Forfeiture of interest (b)	8	10 per ct.
Georgia	Forfeiture of all interest (b)	7	8 per ct.
Idaho	(c) (b)	10	18 per ct.
Illinois	Forfeiture of entire interest (b).	5	7 per ct.
Indiana	Forfeiture of excess of int. (a).	6	8 per ct.
Iowa	Forfeiture of int. & costs (f) (g)	6	8 per ct.
Kansas	Forfeiture of excess of int. (a).	6	10 per ct.
Kentucky	Forfeiture of interest (a)	6	6 per ct.
Louisiana	Forfeiture of interest (b)	5	8 per ct.
Maine	None (a)	6	No limit.
Maryland	Forfeiture of excess of int. (a).	6	6 per ct.
Massachusetts	None (a)	6	No limit.
Michigan	Forfeiture of interest (a)	6	8 per ct.
Minnesota	Forfeiture of principal (a)	7	10 per ct.
Mississippi	Forfeiture of interest (a)	6	10 per ct.
Missouri	Forfeiture of entire interest	6	8 per ct.
Montana	None (a)	10	No limit.
Nebraska	Forfeiture of interest (a)	7	10 per ct.
Nevada	None (b)	10	No limit.
New Hampshire	Forfeit. of one-half principal (a)	6	6 per ct.
New Jersey	Forfeit. of entire int. & costs (b)	6	6 per ct.
New York	(d) (b)	6	6 per ct.
North Carolina.	Forfeiture of interest (a)	6	8 per ct.
North Dakota.	Forfeiture of contract (a)	7	12 per ct.
Ohio	Forfeiture of excess (a)	6	8 per ct.
Oregon	Forfeiture of principal & int. (b)	8	10 per ct.
Pennsylvania	Forfeiture of excess of int. (a).	6	6 per ct.
Rhode Island	None (a)	6	No limit.
South Carolina.	Forfeiture of interest (a)	7	10 per ct.
South Dakota.	Forfeiture of int. & principal (a)	7	12 per ct.
Tennessee	Forfeiture of excess of int. (b).	6	6 per ct.
Texas	Forfeiture of entire interest (a).	8	10 per ct.
Utah	None (b)	8	No limit.
Vermont	Forfeiture of interest (b)	6	6 per ct.
Virginia	Forfeit. of exc's over 6 per ct. (b)	6	6 per ct.
Washington	None (a)	10	No limit.
West Virginia.	Forfeiture of excess of int. (a).	6	6 per ct.
Wisconsin	Forfeiture of entire interest (b).	6	10 per ct.

(a) Grace. (b) No Grace. (c) Loss of interest by tender; 10 per cent. from borrower for school fund. (d) Contract void; punishable as misdemeanor. (e) Three days on notes and bills of exchange. (f) Defendant also forfeits 10 per cent. a year to school fund. (g) No statute or decision; grace allowed by custom of banks in most cities.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

	Minutes.
Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich.	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.	0
Salt Lake City, Utah,	+ 28

Pacific Standard.

120° Longitude.

Sacramento, Cal.	+ 5
San Francisco, Cal.	+ 10

HELP! In case of Accidents.

Drowning. **1.** Loosen clothing, if any. **2.** Empty Lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. **3.** Pull tongue forward, using handkerchief, or pin with string, if necessary. **4.** Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. **5.** Apply warmth and friction to extremities. **6.** By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. **7.** DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. **8.** When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with Cooking Soda and lay wet cloths over it. Whites of Eggs and Olive Oil. Olive or Linseed Oil, plain, or mixed with Chalk or Whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade, and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects Stings, &c. Apply weak Ammonia, Oil, Salt Water, or Iodine.

Fainting. Place flat on back; allow fresh air, and sprinkle with water.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

Cinders in the Eye. Roll soft paper up like a lamp lighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger. Drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC, OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis). — Soap-suds, Magnesia, Lime-water.

Prussic Acid. — Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. HARTSHORN. AMMONIA. — Vinegar or Lemon juice in water.

Arsenic. RAT POISON. PARIS GREEN. — Milk, raw Eggs, Sweet Oil, Lime-water, Flour & water.

Bug Poison. LEAD. SALTPETRE. CORROSIVE SUBLIMATE. SUGAR OF LEAD. BLUE VITRIOL. — Whites of Eggs or Milk in large doses.

Chloroform. CHLORAL. ETHER. — Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.

Carbonate of Soda. COPPERAS. COBALT. — Soap-suds and mucilaginous drinks.

Iodine. ANTIMONY. TARTAR EMETIC. — Starch and water. Astringent infusions. Strong tea.

Mercury AND ITS SALTS. — Whites of Eggs. Milk. Mucilages.

Nitrate of Silver. LUNAR CAUSTIC. Salt and water.

Opium. MORPHINE. LAUDANUM. PAREGORIC. SOOTHING POWDERS or SYRUPS. — Strong coffee, hot bath. Keep awake and moving at any cost.

Strychnine. TINCT. OF NUX VOMICA. — Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.

RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States, Canada and Mexico. "Reply Postal Cards," with Card attached for paid reply, 2 cents each. Cards for foreign countries (within the Postal Union) 2 cents each.

LETTERS to all parts of the United States, Canada and Mexico, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—For publishers and news-agents only, 1 cent per pound. NEWSPAPERS and PERIODICALS (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in unsealed wrappers only (all matter enclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, which must be fully prepaid. This includes books, circulars, chromos, engravings, handbills, lithographs, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process except handwriting and the copying-press. Limit of weight 4 lbs., except for a single book which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined, 1 cent per ounce or fraction thereof. Limit of weight 4 lbs. Full prepayment compulsory,

REFORWARDING.—Letters will be forwarded from one post-office to another upon the written request of the person addressed, without additional charge; but unclaimed packages cannot be returned to the sender until stamps are furnished to pay the return postage.

REGISTRATION.—Letters or packages can be registered by adding stamps to the amount of 8 cents to the regular rate.

SPECIAL DELIVERY STAMPS, at 10 cents each, used in addition to regular rates, insures delivery immediately on arrival at office of destination. These stamps can be used for no other purpose.

MONEY ORDERS.

For Orders not exceeding $2.50, three cents; over $2.50 and not exceeding $5, five cents; over $5 and not exceeding $10, eight cents; over $10 and not exceeding $20, ten cents; over $20 and not exceeding $30, twelve cents; over $30 and not exceeding $40, fifteen cents; over $40 and not exceeding $50, eighteen cents; over $50 and not exceeding $60, twenty cents; over $60 and not exceeding $75, twenty-five cents; over $75 and not exceeding $100, thirty cents.

FOREIGN POSTAGE.—The rates for LETTERS are for the half ounce or fraction thereof, and those for NEWSPAPERS for 2 ounces or fraction thereof.

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco, 5 cents; via Brindisi, 5 cents; newspapers, via San Francisco, 1 cent for 2 ounces; via Brindisi, 1 cent for 2 ounces. China, letters, via San Francisco, 5 cents; via Brindisi, 10 cents; newspapers, 2 cents for each 2 ounces. British India, Italian mail, letters 5 cents; newspapers, 1 cent for 2 ounces. Japan, letters, via San Francisco, 5 cents; newspapers, 1 cent for 2 ounces.

LEGAL HOLIDAYS.

In most of the States when the holiday falls on Sunday the Monday following is the holiday. Notes must be paid on the Saturday preceding.

ALABAMA—Jan. 1, Feb. 22, July 4, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, any day of thanksgiving or general territorial election, or special election called by the Governor.

CALIFORNIA—Jan. 1, Feb. 22, May 30, July 4, Sept. 9, Thanksgiving, Dec. 25, a State or general election.

COLORADO—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

CONNECTICUT—Jan. 1, Feb. 22, May 30, July 4, Sept. 1, Thanksgiving, Dec. 25, Fast day.

DELAWARE—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

FLORIDA—Jan. 1, Feb. 22, July 4, any general election day, Thanksgiving, Dec. 25.

GEORGIA—Jan. 1, Feb. 22, April 26, July 4, any Thanksgiving, Dec. 25.

IDAHO—Same as Arizona.

ILLINOIS—Jan. 1, Feb. 22, May 30, July 4, Election Day, Thanksgiving, Dec. 25.

INDIANA—Jan. 1, public fast, July 4, Thanksgiving, Dec. 25.

IOWA—Jan. 1, May 30, July 4, Thanksgiving, Dec. 25.

KANSAS—Jan. 1, May 30, July 4, public fast, Thanksgiving, Dec. 25.

KENTUCKY—Jan. 1, Feb. 22, July 4, public fast, Thanksgiving, Dec. 25.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi Gras, Mar. 4 in New Orleans, Good Friday, July 4, Dec. 25.

MAINE—Jan. 1, Feb. 22, May 30, public fast, July 4, Thanksgiving, Dec. 25.

MARYLAND—Jan. 1, Feb. 22, Good Friday, July 4, Thanksgiving, Dec. 25, and general and Congressional election days.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, first Monday in Sept., Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, and any day appointed by the Governor or President for fasting and thanksgiving.

MINNESOTA—Jan. 1, Feb. 22, Good Friday, July 4, Thanksgiving, Dec. 25.

MISSISSIPPI—Jan. 1, July 4, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, July 4, Dec. 25, any general or State election day, any Thanksgiving day.

MONTANA—Jan. 1, Feb. 22, May 30, public fast, July 4, Thanksgiving, Dec. 25.

NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, Sept. 1, public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

NEW HAMPSHIRE—Feb. 22, Fast day, May 30, July 4, Thanksgiving, Dec. 25, and any day on which a general election is held for members of the Legislature.

NEW JERSEY—Jan. 1, Feb. 22, May 30, July 4, first Monday in Sept., Thanksgiving and Fast day, Dec. 25, every Saturday P. M., and any general election day. Notes and drafts payable on secular or business day next succeeding each holiday.

NEW MEXICO—Jan. 1, July 4, Dec. 25, and all days for fasting or thanksgiving. Notes due on holidays are payable on the next business day thereafter.

NEW YORK—Jan. 1, Feb. 22, May 30, July 4, the first Monday of Sept. (Labor day), Dec. 25, any general election day, every Saturday from noon until midnight, and any day appointed as a day of thanksgiving, or fasting.

NORTH CAROLINA—Jan. 1, Feb. 22, May 10, May 20, July 4, Thanksgiving, Dec. 25. Notes and drafts payable on secular or business day next succeeding each holiday.

NORTH DAKOTA—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, public fast, Dec. 25, and general State or National election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

OREGON—Jan. 1, Feb. 22, May 30, first Saturday in June, July 4, public fast, Thanksgiving, Dec. 25, and every general election day.

PENNSYLVANIA—Jan. 1, Feb. 22, Good Friday, July 4, Sept. 1, Thanksgiving, Dec. 25, Decoration Day.

RHODE ISLAND—Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

SOUTH CAROLINA—Jan. 1, Feb. 22, July 4, National Thanksgiving, Dec. 25, general election days.

SOUTH DAKOTA—See North Dakota.

TENNESSEE—Jan. 1, July 4, Thanksgiving, Dec. 25.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, July 4, Dec. 25, and all days appointed as days of fasting or thanksgiving, and every State election day.

UTAH—Jan. 1, Feb. 22, May 30, July 4, July 24, Thanksgiving, Fast days, Dec. 25.

VERMONT—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1, Feb. 22, Fast day, July 4, Thanksgiving, Dec. 25.

WASHINGTON—Jan. 1, Feb. 22, Decoration day, July 4, Thanksgiving, Dec. 25, days of general and special election.

WEST VIRGINIA—Jan. 1, Feb. 22, July 4, Dec. 25, or a day of National thanksgiving.

WISCONSIN—Jan. 1, Feb. 22, May 30, June 10, July 4, Thanksgiving, Dec. 25, general election day.

WYOMING—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
3	THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
5	JAMES MONROE.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.
9	WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
13	MILLARD FILLMORE ..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.
16	ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
20	JAMES A. GARFIELD..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	"
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	....	New Jersey.
23	BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	4 "	....	Ohio.
24	GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	.....	....	New Jersey.

TIDE TABLE.

(The following values are derived from late determinations of the UNITED STATES COAST SURVEY.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

		H.	M.	Mean range. Feet.
EASTERN STANDARD.				
Eastport, Me.	add	2	33	18.2
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Salem, Mass.	"	2	47	9.2
Nantucket, Mass.	"	4	6	3.0
Vineyard Haven, Mass.	"	3	32	1.6
Wood's Hole, South Side, Mass.	"	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	22	3.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	32	4.7
Watch Hill, R. I.	add	0	54	2.7
Stonnington, Conn.	"	0	52	2.7
New London, Conn.	"	1	14	2.6
New Haven, Conn.	"	2	57	6.0
Throg's Neck, N. Y.	"	3	13	7.3
Cape May Landing, N. J.	"	0	14	4.8
Philadelphia, Penn.	"	5	46	6.0
Baltimore, Md.	sub.	1	23	1.3
Richmond, Va.	"	3	24	3.6
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	21	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	26	6.5
St. Augustine, Fla.	"	0	17	4.2
Key West, Fla.	add	0	54	1.2
Tampa Bay (Egmont Key), Fla.	"	2	49	1 4
Cedar Keys (Depot Key), Fla.	"	4	52	2.6

24 GROVER CLEVELAND..(Mar. 18, 1837 — 4, 1893).....(New Jersey.

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after Jan. 1, 1895, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value.
			D. C. M.
Argentine Repub.	Gold & silv.	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold & silv.	Franc	0 19 3
Bolivia	Silver	Boliviano	0 45 5
Brazil	Gold	Milreis	0 54 6
British America	Gold	Dollar	1 0 0
Cent'l Am. States	Silver	Peso	0 45 5
Chili	Gold & silv.	Peso	0 91 2
China	Silver	Tael.. Shanghai..	0 67 3
		Tael.. Haikwan.. (Customs).	0 74 9
Colombia	Silver	Peso	0 45 5
Cuba	Gold & silv.	Peso	0 92 6
Denmark	Gold	Crown	0 26 8
Ecuador	Silver	Sucre	0 45 5
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold & silv.	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6½
Greece	Gold & silv.	Drachma	0 19 3
Hayti	Gold & silv.	Gourde	0 96 5
India	Silver	Rupee	0 21 6
Italy	Gold & silv.	Lira	0 19 3
Japan	Gold & silv.	Yen Gold	0 99 7
		Yen Silver	0 49 1
Liberia	Gold	Dollar	1 0 0

VALUES OF FOREIGN COINS.

Country.	Standard.	Monetary Unit.	Value.
			D. C. M.
Mexico	Silver	Dollar	0 49 5
Netherlands	Gold & silv.	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Peru	Silver	Sol	0 45 5
Portugal	Gold	Milreis	1 8 0
Russia	Silver	Ruble { Gold	0 77 2
		Ruble { Silver	0 36 4
Spain	Gold & silv.	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold & silv.	Franc	0 19 3
Tripoli	Silver	Mahbub of 20 piast's	0 41 1
Turkey	Gold	Piastre	0 4 4
Venezuela	Gold & silv.	Bolivar	0 19 3

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 2
Quinquagesima — Shrove Sunday	Feb. 16
Ash Wednesday	Feb. 19
First Sunday in Lent	Feb. 23
St. Patrick	Mar. 17
Palm Sunday	Mar. 29
Good Friday	April 3
Easter Sunday	April 5
Low Sunday	April 12
Rogation Sunday	May 10
Ascension Day — Holy Thursday	May 14
Pentecost — Whit Sunday	May 24
Trinity Sunday	May 31
Corpus Christi	June 4
St. John Baptist	June 24
Michælmas Day	Sept. 29
First Sunday in Advent	Nov. 29
St. Andrew	Nov. 30
Christmas Day	Dec. 25

MORNING AND EVENING STARS.

MERCURY will be Evening Star about January 23, May 16, and September 13; and Morning Star about March 5, July 3, and October 24.

VENUS will be Morning Star till July 9; and then Evening Star the rest of the year.

JUPITER will be Morning Star till January 24; then Evening Star till August 11; and then Morning Star again the rest of the year.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox....	Mar. 19, 9h. A.	Mar. 19, 8h. A.
Summer Solstice....	June 20, 5h. A.	June 20, 4h. A.
Autumnal Equinox..	Sept. 22, 8h. M.	Sept. 22, 7h. M.
Winter Solstice....	Dec. 21, 2h. M.	Dec. 21, 1h. M.

	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 19, 7h. A.	Mar. 19, 6h. A.
Summer Solstice....	June 20, 3h. A.	June 20, 2h. A.
Autumnal Equinox..	Sept. 22, 6h. M.	Sept. 22, 5h. M.
Winter Solstice.....	Dec. 21, oh. M.	Dec. 20, 11h. A.

CHRONOLOGICAL CYCLES.

Dominical Letters	E. D.
Epact	15
Lunar Cycle, or Golden Number	16
Solar Cycle	1
Roman Indiction	9
Julian Period	6609

ECLIPSES FOR THE YEAR.

In the year 1896 there will be four Eclipses,—two of the Sun and two of the Moon.

I. An Annular Eclipse of the Sun, February 13. Invisible to North America. Visible to the south-eastern coast of South America, southern Africa, and the South Atlantic and Antarctic Oceans. The line of Annulus passing through the Antarctic Ocean.

II. A Partial Eclipse of the Moon, February 28. Invisible to North America. Visible entire to Europe, Asia and Africa; and in part to Australia, the eastern extremity of South America, and the Atlantic Ocean.

III. A Total Eclipse of the Sun, August 9. Invisible to North America, exclusive of Alaska. Visible to the Arctic regions, eastern Europe, the northern half of Asia, including China and Japan, and the western portion of the North Pacific Ocean. The line of totality running through Nova Zembla, and Yesso, Japan.

IV. A Partial Eclipse of the Moon, August 22–23. Visible entire to North and South America; and in part to the western extremities of Europe and Africa, to eastern Australia, and the Atlantic and Pacific Oceans. Occurring as follows:—

Standard:—	Eastern.	Central.	Mountain.	Pacific.
	D. H. M.	D. H. M.	D. H. M.	D. H. M.
Moon enters Penumbra	22 11 7 A	22 10 7 A	22 9 7 A	22 8 7 A
Moon enters Shadow ..	23 0 25 M	22 11 25 A	22 10 25 A	22 9 25 A
Middle of Eclipse.....	23 1 58 M	23 0 58 M	22 11 58 A	22 10 58 A
Moon leaves Shadow...	23 3 30 M	23 2 30 M	23 1 30 M	23 0 30 M
Moon leaves Penumbra	23 4 48 M	23 3 48 M	23 2 48 M	23 1 48 M

First contact of shadow, 79 degrees from south point of the Moon's limb towards the east.

Magnitude of Eclipse = 0.735, (Moon's diameter = 1.)

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQ. MILES.

Pacific	80,000,000
Atlantic	40,000,000
Indian	20,000,000
Southern	10,000,000
Arctic	5,000,000



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	7d. 10h. 25m. a.m.	7d. 9h. 25m. a.m.
New Moon, ...	14d. 5h. 19m. p.m.	14d. 4h. 19m. p.m.
First Quarter, . . .	22d. 9h. 42m. p.m.	22d. 8h. 42m. p.m.
Full Moon, ...	30d. 3h. 55m. a.m.	30d. 2h. 55m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r7 30	5 30	11 45	r7 25	5 36	8 41	r7 19	5 43
2	Th	s4 39	6 49	0 9	s4 44	6 34	9 33	s4 49	6 59
3	Fr	r7 30	8 7	0 59	r7 25	8 10	10 20	r7 19	8 14
4	Sa	s4 41	9 24	1 47	s4 46	9 26	11 4	s4 51	9 28
5	S	r7 30	10 40	2 33	r7 25	10 40	11 53	r7 19	10 41
6	Mo	s4 43	11 55	3 19	s4 48	11 53	0 17	s4 53	11 53
7	Tu	r7 30	morn	4 8	r7 25	morn	1 8	r7 19	morn
8	We	s4 45	1 10	5 3	s4 50	1 7	2 2	s4 55	1 4
9	Th	r7 29	2 25	6 4	r7 24	2 21	3 1	r7 19	2 16
10	Fr	s4 47	3 39	7 9	s4 52	3 33	4 5	s4 57	3 28
11	Sa	r7 29	4 51	8 12	r7 24	4 44	5 9	r7 19	4 37
12	S	s4 49	5 56	9 13	s4 54	5 49	6 12	s4 59	5 41
13	Mo	r7 28	6 50	10 11	r7 23	6 43	7 8	r7 18	6 36
14	Tu	s4 51	sets.	11 1	s4 56	sets.	7 55	s5 1	sets.
15	We	r7 27	5 39	11 44	r7 23	5 44	8 40	r7 18	5 50
16	Th	s4 54	6 46	0 5	s4 58	6 50	9 24	s5 3	6 54
17	Fr	r7 26	7 50	0 45	r7 22	7 52	10 1	r7 17	7 56
18	Sa	s4 56	8 52	1 22	s5 1	8 53	10 36	s5 5	8 55
19	S	r7 25	9 53	1 58	r7 21	9 53	11 10	r7 16	9 54
20	Mo	s4 59	10 54	2 34	s5 3	10 53	11 48	s5 7	10 52
21	Tu	r7 24	11 55	3 9	r7 20	11 52	0 7	r7 15	11 50
22	We	s5 1	morn	3 49	s5 5	morn	0 48	s5 10	morn
23	Th	r7 23	0 58	4 35	r7 18	0 54	1 34	r7 14	0 50
24	Fr	s5 3	2 4	5 28	s5 8	1 59	2 26	s5 12	1 54
25	Sa	r7 21	3 13	6 28	r7 17	3 7	3 25	r7 13	3 1
26	S	s5 6	4 20	7 33	s5 10	4 13	4 29	s5 14	4 6
27	Mo	r7 20	5 22	8 38	r7 15	5 15	5 36	r7 11	5 7
28	Tu	s5 8	6 17	9 41	s5 12	6 10	6 39	s5 16	6 3
29	We	r7 18	7 2	10 39	r7 14	6 56	7 34	r7 10	6 50
30	Th	s5 11	rises	11 28	s5 15	rises	8 22	s5 19	rises
31	Fr	r7 16	7 4	.....	r7 12	7 6	9 13	r7 8	7 9



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	5d. 7h. 38m. p.m.	5d. 6h. 38m. p.m.
New Moon, ...	13d. 11h. 12m. a.m.	13d. 10h. 12m. a.m.
First Quarter, . . .	21d. 4h. 14m. p.m.	21d. 3h. 14m. p.m.
Full Moon, ...	28d. 2h. 51m. p.m.	28d. 1h. 51m. p.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Sa	r7 15	8 23	0 38	r7 11	8 24	9 58	r7 7	8 25
2	S	s5 15	9 41	1 23	s5 18	9 40	10 40	s5 22	9 40
3	Mo	r7 13	10 58	2 7	r7 9	10 55	11 24	r7 5	10 53
4	Tu	s5 18	morn	2 52	s5 21	morn	.....	s5 24	morn
5	We	r7 10	0 15	3 42	r7 7	0 11	0 41	r7 4	0 7
6	Th	s5 20	1 31	4 40	s5 23	1 26	1 38	s5 27	1 20
7	Fr	r7 8	2 44	5 44	r7 5	2 38	2 43	r7 2	2 31
8	Sa	s5 23	3 50	6 54	s5 26	3 43	3 51	s5 29	3 35
9	S	r7 6	4 47	8 1	r7 2	4 40	4 58	r6 59	4 32
10	Mo	s5 25	5 34	9 1	s5 28	5 27	5 59	s5 31	5 21
11	Tu	r7 3	6 12	9 54	r7 0	6 6	6 52	r6 57	6 0
12	We	s5 28	6 41	10 40	s5 31	6 36	7 35	s5 34	6 32
13	Th	r7 0	sets.	11 19	r6 58	sets.	8 13	r6 55	sets.
14	Fr	s5 31	6 41	11 54	s5 33	6 43	8 52	s5 36	6 45
15	Sa	r6 58	7 42	0 11	r6 55	7 42	9 27	r6 52	7 44
16	S	s5 33	8 43	0 45	s5 36	8 42	10 0	s5 38	8 42
17	Mo	r6 55	9 44	1 19	r6 53	9 42	10 31	r6 50	9 40
18	Tu	s5 36	10 46	1 53	s5 38	10 43	11 5	s5 40	10 39
19	We	r6 52	11 51	2 30	r6 50	11 46	11 46	r6 47	11 42
20	Th	s5 38	morn	3 10	s5 40	morn	0 8	s5 43	morn
21	Fr	r6 49	0 58	3 58	r6 47	0 52	0 57	r6 45	0 46
22	Sa	s5 41	2 3	4 53	s5 43	1 56	1 52	s5 45	1 49
23	S	r6 46	3 6	5 59	r6 44	2 59	2 57	r6 42	2 51
24	Mo	s5 43	4 3	7 10	s5 45	3 56	4 7	s5 47	3 48
25	Tu	r6 43	4 51	8 19	r6 41	4 45	5 15	r6 39	4 38
26	We	s5 46	5 31	9 21	s5 48	5 26	6 19	s5 49	5 21
27	Th	r6 40	6 2	10 16	r6 38	5 58	7 13	r6 37	5 55
28	Fr	s5 48	rises	11 6	s5 50	rises	7 59	s5 51	rises
29	Sa	r6 37	7 14	11 49	r6 35	7 14	8 46	r6 34	7 15
..	...	.....	.....	.....	.....	.....	.....	.....	.....
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	6d. 6h. 29m. a.m.	6d. 5h. 29m. a.m.
New Moon, ...	14d. 5h. 43m. a.m.	14d. 4h. 48m. a.m.
First Quarter, . . .	22d. 6h. 57m. a.m.	22d. 5h. 57m. a.m.
Full Moon, ...	29d. 0h. 21m. a.m.	28d. 11h. 21m. p.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	℣	r6 35	8 34	0 11	r6 34	8 32	9 31	r6 32	8 31
2	Mo	s5 52	9 54	0 55	s5 53	9 51	10 15	s5 54	9 47
3	Tu	r6 32	11 14	1 41	r6 31	11 9	10 59	r6 29	11 4
4	We	s5 54	morn	2 29	s5 55	morn	11 52	s5 56	morn
5	Th	r6 28	0 31	3 22	r6 28	0 25	0 20	r6 27	0 19
6	Fr	s5 57	1 42	4 23	s5 57	1 35	1 21	s5 58	1 28
7	Sa	r6 25	2 43	5 30	r6 24	2 36	2 28	r6 24	2 28
8	℣	s5 59	3 34	6 39	s6 0	3 27	3 37	s6 1	3 20
9	Mo	r6 22	4 14	7 44	r6 21	4 8	4 39	r6 21	4 2
10	Tu	s6 1	4 45	8 39	s6 2	4 40	5 37	s6 3	4 35
11	We	r6 18	5 10	9 27	r6 18	5 6	6 25	r6 17	5 3
12	Th	s6 4	5 31	10 9	s6 4	5 28	7 6	s6 5	5 27
13	Fr	r6 15	5 51	10 47	r6 15	5 50	7 41	r6 14	5 49
14	Sa	s6 6	sets.	11 20	s6 6	sets.	8 14	s6 7	sets.
15	℣	r6 12	7 36	11 52	r6 11	7 34	8 50	r6 11	7 33
16	Mo	s6 8	8 38	0 9	s6 8	8 35	9 24	s6 9	8 32
17	Tu	r6 8	9 41	0 43	r6 8	9 37	9 58	r6 8	9 33
18	We	s6 10	10 46	1 19	s6 11	10 41	10 34	s6 10	10 35
19	Th	r6 5	11 52	2 0	r6 5	11 46	11 16	r6 5	11 39
20	Fr	s6 13	morn	2 43	s6 13	morn	.....	s6 12	morn
21	Sa	r6 1	0 55	3 34	r6 1	0 48	0 32	r6 2	0 40
22	℣	s6 15	1 53	4 33	s6 15	1 46	1 32	s6 14	1 38
23	Mo	r5 58	2 43	5 40	r5 58	2 36	2 38	r5 58	2 39
24	Tu	s6 17	3 25	6 50	s6 17	3 19	3 47	s6 16	3 13
25	We	r5 54	3 59	7 56	r5 55	3 55	4 52	r5 55	3 50
26	Th	s6 19	4 28	8 55	s6 19	4 25	5 52	s6 18	4 22
27	Fr	r5 51	4 54	9 48	r5 51	4 53	6 46	r5 52	4 52
28	Sa	s6 22	5 16	10 37	s6 21	5 16	7 33	s6 20	5 17
29	℣	r5 47	rises	11 21	r5 48	rises	8 15	r5 49	rises
30	Mo	s6 24	8 47	.....	s6 23	8 43	9 5	s6 22	8 39
31	Tu	r5 44	10 7	0 30	r5 45	10 2	9 52	r5 46	9 56



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	4d. 7h. 24m. p.m.	4d. 6h. 24m. p.m.
New Moon, ...	12d. 11h. 23m. p.m.	12d. 10h. 23m. p.m.
First Quarter, . . .	20d. 5h. 47m. p.m.	20d. 4h. 47m. p.m.
Full Moon, ...	27d. 8h. 47m. a.m.	27d. 7h. 47m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r5 42	11 24	1 19	r5 43	11 17	10 40	r5 44	11 11
2	Th	s6 27	morn	2 12	s6 26	morn	11 35	s6 25	morn
3	Fr	r5 39	0 32	3 8	r5 40	0 25	0 5	r5 41	0 17
4	Sa	s6 30	1 28	4 8	s6 28	1 21	1 7	s6 27	1 14
5	☧	r5 35	2 13	5 12	r5 36	2 7	2 11	r5 38	2 0
6	Mo	s6 32	2 48	6 15	s6 30	2 43	3 13	s6 29	2 37
7	Tu	r5 32	3 15	7 13	r5 33	3 11	4 10	r5 35	3 7
8	We	s6 34	3 37	8 5	s6 32	3 34	5 1	s6 31	3 31
9	Th	r5 28	3 57	8 49	r5 30	3 55	5 46	r5 32	3 54
10	Fr	s6 36	4 15	9 29	s6 34	4 15	6 27	s6 33	4 15
11	Sa	r5 25	4 33	10 7	r5 27	4 34	7 4	r5 29	4 35
12	☧	s6 38	4 50	10 44	s6 37	4 52	7 39	s6 34	4 55
13	Mo	r5 22	sets.	11 18	r5 24	sets.	8 13	r5 26	sets.
14	Tu	s6 41	8 37	11 54	s6 39	8 32	8 52	s6 36	8 27
15	We	r5 19	9 45	0 13	r5 21	9 39	9 32	r5 23	9 33
16	Th	s6 43	10 48	0 54	s6 41	10 41	10 13	s6 38	10 34
17	Fr	r5 15	11 47	1 39	r5 18	11 40	10 57	r5 20	11 32
18	Sa	s6 45	morn	2 28	s6 43	morn	11 49	s6 40	morn
19	☧	r5 12	0 39	3 19	r5 15	0 32	0 17	r5 17	0 25
20	Mo	s6 47	1 22	4 18	s6 45	1 16	1 17	s6 42	1 10
21	Tu	r5 9	1 58	5 21	r5 12	1 53	2 19	r5 15	1 48
22	We	s6 50	2 27	6 25	s6 47	2 23	3 23	s6 44	2 20
23	Th	r5 6	2 53	7 27	r5 9	2 51	4 23	r5 12	2 49
24	Fr	s6 52	3 17	8 24	s6 49	3 17	5 21	s6 46	3 17
25	Sa	r5 3	3 41	9 16	r5 6	3 42	6 14	r5 9	3 44
26	☧	s6 54	4 5	10 8	s6 51	4 7	7 5	s6 48	4 11
27	Mo	r5 0	rises	10 57	r5 3	rises	7 51	r5 7	rises
28	Tu	s6 56	8 57	11 45	s6 53	8 51	8 42	s6 50	8 45
29	We	r4 58	10 12	0 10	r5 1	10 5	9 35	r5 4	9 58
30	Th	s6 59	11 15	1 4	s6 55	11 8	10 27	s6 52	11 0
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, ...	4d. 10h. 25m. a.m.	4d. 9h. 25m. a.m.
New Moon, ...	12d. 2h. 46m. p.m.	12d. 1h. 46m. p.m.
First Quarter, ...	20d. 1h. 21m. a.m.	20d. 0h. 21m. a.m.
Full Moon, ...	26d. 4h. 56m. p.m.	26d. 3h. 56m. p.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r4 55	morn	1 59	r4 58	morn	11 20	r5 2	11 53
2	Sa	s7 1	0 6	2 53	s6 57	0 0	.....	s6 53	morn
3	S	r4 52	0 45	3 46	r4 56	0 39	0 45	r4 59	0 34
4	Mo	s7 2	1 16	4 42	s6 59	1 12	1 40	s6 55	1 7
5	Tu	r4 49	1 40	5 36	r4 53	1 37	2 34	r4 57	1 33
6	We	s7 5	2 1	6 28	s7 2	1 59	3 26	s6 57	1 57
7	Th	r4 47	2 20	7 17	r4 51	2 18	4 13	r4 55	2 19
8	Fr	s7 7	2 38	8 2	s7 4	2 38	4 59	s6 59	2 40
9	Sa	r4 45	2 56	8 45	r4 49	2 58	5 43	r4 53	3 0
10	S	s7 9	3 16	9 27	s7 6	3 19	6 25	s7 1	3 22
11	Mo	r4 42	3 39	10 8	r4 46	3 43	7 5	r4 51	3 48
12	Tu	s7 12	4 5	10 50	s7 8	4 10	7 44	s7 3	4 16
13	We	r4 40	sets.	11 30	r4 44	sets.	8 25	r4 49	sets.
14	Th	s7 14	9 41	.....	s7 9	9 34	9 11	s7 5	9 26
15	Fr	r4 38	10 36	0 37	r4 42	10 29	9 58	r4 47	10 22
16	Sa	s7 16	11 21	1 25	s7 11	11 15	10 46	s7 7	11 8
17	S	r4 36	11 58	2 16	r4 41	11 53	11 36	r4 45	11 47
18	Mo	s7 18	morn	3 6	s7 13	morn	0 4	s7 8	morn
19	Tu	r4 34	0 29	4 0	r4 39	0 25	0 59	r4 44	0 21
20	We	s7 20	0 55	4 56	s7 15	0 52	1 54	s7 10	0 50
21	Th	r4 32	1 19	5 55	r4 37	1 18	2 53	r4 42	1 18
22	Fr	s7 22	1 42	6 53	s7 17	1 42	3 50	s7 12	1 44
23	Sa	r4 31	2 6	7 51	r4 36	2 8	4 48	r4 41	2 11
24	S	s7 24	2 32	8 49	s7 18	2 35	5 46	s7 13	2 40
25	Mo	r4 29	3 3	9 44	r4 34	3 8	6 42	r4 40	3 13
26	Tu	s7 25	3 41	10 40	s7 20	3 47	7 35	s7 15	3 54
27	We	r4 28	rises	11 31	r4 33	rises	8 26	r4 38	rises
28	Th	s7 27	9 55	.....	s7 22	9 48	9 23	s7 16	9 41
29	Fr	r4 27	10 39	0 50	r4 32	10 33	10 13	r4 37	10 27
30	Sa	s7 29	11 14	1 42	s7 23	11 9	11 1	s7 18	11 4
31	S	r4 26	11 42	2 30	r4 31	11 37	11 50	r4 36	11 35



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	3d. 3h. 2m. a.m.	3d. 2h. 2m. a.m.
New Moon, ...	11d. 3h. 43m. a.m.	11d. 2h. 43m. a.m.
First Quarter, . . .	18d. 6h. 40m. a.m.	18d. 5h. 40m. a.m.
Full Moon, ...	25d. 1h. 55m. a.m.	25d. 0h. 55m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r4 25	morn	3 16	r4 31	morn	0 14	r4 36	morn
2	Tu	s7 31	0 5	4 2	s7 26	0 2	1 1	s7 20	0 0
3	We	r4 25	0 24	4 48	r4 30	0 23	1 46	r4 35	0 22
4	Th	s7 32	0 42	5 34	s7 27	0 42	2 32	s7 21	0 43
5	Fr	r4 24	1 1	6 22	r4 29	1 2	3 20	r4 35	1 4
6	Sa	s7 34	1 20	7 11	s7 28	1 22	4 7	s7 23	1 26
7	☽	r4 23	1 41	7 59	r4 29	1 44	4 55	r4 34	1 49
8	Mo	s7 35	2 6	8 47	s7 29	2 11	5 44	s7 24	2 16
9	Tu	r4 23	2 37	9 36	r4 28	2 43	6 34	r4 34	2 50
10	We	s7 36	3 15	10 26	s7 30	3 21	7 22	s7 25	3 29
11	Th	r4 22	sets.	11 14	r4 28	sets.	8 9	r4 34	sets.
12	Fr	s7 37	9 19	.....	s7 31	9 13	8 58	s7 26	9 6
13	Sa	r4 22	10 0	0 25	r4 28	9 55	9 47	r4 34	9 49
14	☽	s7 38	10 32	1 14	s7 32	10 28	10 33	s7 26	10 23
15	Mo	r4 22	11 0	2 1	r4 28	10 57	11 20	r4 34	10 54
16	Tu	s7 38	11 24	2 48	s7 33	11 22	.....	s7 27	11 22
17	We	r4 22	11 47	3 36	r4 28	11 46	0 35	r4 34	11 48
18	Th	s7 39	morn	4 26	s7 34	morn	1 25	s7 28	morn
19	Fr	r4 23	0 9	5 22	r4 28	0 10	2 20	r4 34	0 13
20	Sa	s7 40	0 34	6 21	s7 34	0 37	3 19	s7 28	0 41
21	☽	r4 23	1 3	7 24	r4 29	1 7	4 21	r4 34	1 12
22	Mo	s7 40	1 38	8 29	s7 35	1 43	5 26	s7 29	1 50
23	Tu	r4 24	2 20	9 29	r4 29	2 26	6 27	r4 35	2 34
24	We	s7 40	3 12	10 29	s7 35	3 19	7 25	s7 29	3 28
25	Th	r4 24	rises	11 21	r4 30	rises	8 15	r4 36	rises
26	Fr	s7 40	9 11	.....	s7 35	9 6	9 8	s7 29	9 0
27	Sa	r4 25	9 41	0 33	r4 31	9 37	9 54	r4 36	9 33
28	☽	s7 40	10 6	1 18	s7 35	10 3	10 34	s7 29	10 0
29	Mo	r4 26	10 27	1 59	r4 31	10 25	11 13	r4 37	10 24
30	Tu	s7 40	10 46	2 39	s7 35	10 45	11 55	s7 29	10 46
..	...	.....	.....	.....	.....	.....	... .	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, . . .	2d. 8h. 23m. p.m.	2d. 7h. 23m. p.m.
New Moon, ...	10d. 2h. 35m. p.m.	10d. 1h. 35m. p.m.
First Quarter, . . .	17d. 11h. 4m. a.m.	17d. 10h. 4m. a.m.
Full Moon, ...	24d. 0h. 45m. p.m.	24d. 11h. 45m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r4 27	11 4	3 17	r4 32	11 5	0 16	r4 38	11 6
2	Th	s7 40	11 23	3 58	s7 34	11 25	0 57	s7 29	11 28
3	Fr	r4 28	11 44	4 42	r4 33	11 47	1 40	r4 39	11 51
4	Sa	s7 40	morn	5 29	s7 34	morn	2 27	s7 28	morn
5	☽	r4 29	0 7	6 20	r4 35	0 11	3 19	r4 40	0 16
6	Mo	s7 39	0 35	7 16	s7 33	0 40	4 13	s7 28	0 47
7	Tu	r4 30	1 10	8 14	r4 36	1 16	5 11	r4 41	1 24
8	We	s7 38	1 54	9 10	s7 33	2 1	6 9	s7 27	2 9
9	Th	r4 32	2 50	10 7	r4 38	2 57	7 4	r4 43	3 5
10	Fr	s7 37	sets.	11 0	s7 32	sets.	7 54	s7 27	sets.
11	Sa	r4 33	8 33	11 47	r4 39	8 28	8 44	r4 44	8 23
12	☽	s7 36	9 2	0 10	s7 31	8 59	9 32	s7 26	8 55
13	Mo	r4 35	9 28	0 56	r4 40	9 26	10 15	r4 45	9 25
14	Tu	s7 35	9 52	1 41	s7 30	9 51	10 57	s7 24	9 52
15	We	r4 36	10 14	2 25	r4 41	10 15	11 42	r4 47	10 17
16	Th	s7 34	10 37	3 9	s7 29	10 39	0 7	s7 24	10 43
17	Fr	r4 38	11 4	3 59	r4 43	11 8	0 58	r4 48	11 13
18	Sa	s7 32	11 36	4 55	s7 28	11 41	1 53	s7 22	11 47
19	☽	r4 40	morn	5 59	r4 45	morn	2 57	r4 50	morn
20	Mo	s7 31	0 15	7 8	s7 26	0 21	4 5	s7 21	0 29
21	Tu	r4 42	1 3	8 18	r4 46	1 10	5 14	r4 51	1 18
22	We	s7 29	2 3	9 21	s7 25	2 10	6 19	s7 20	2 18
23	Th	r4 44	3 8	10 17	r4 48	3 14	7 14	r4 53	3 22
24	Fr	s7 28	rises	11 7	s7 23	rises	8 0	s7 18	rises
25	Sa	r4 45	8 7	11 49	r4 50	8 4	8 46	r4 55	8 0
26	☽	s7 26	8 30	0 9	s7 21	8 28	9 27	s7 16	8 26
27	Mo	r4 47	8 50	0 47	r4 52	8 49	10 4	r4 56	8 49
28	Tu	s7 23	9 8	1 24	s7 19	9 8	10 37	s7 15	9 9
29	We	r4 49	9 27	2 0	r4 54	9 28	11 12	r4 58	9 31
30	Th	s7 21	9 47	2 35	s7 17	9 50	11 50	s7 13	9 53
31	Fr	r4 51	10 8	3 13	r4 56	10 12	0 10	r5 0	10 17



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter, ...	1d. 1h. 34m. p.m.	1d. 0h. 34m. p.m.
New Moon, ...	9d. 0h. 2m. a.m.	8d. 11h. 2m. p.m.
First Quarter, ...	15d. 4h. 2m. p.m.	15d. 3h. 2m. p.m.
Full Moon, ...	23d. 2h. 4m. a.m.	23d. 1h. 4m. a.m.
Last Quarter, ...	31d. 5h. 55m. a.m.	31d. 4h. 55m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r4 52	10 33	3 54	r4 57	10 38	0 53	r5 1	10 44
2	☽	s7 18	11 5	4 43	s7 14	11 11	1 41	s7 10	11 18
3	Mo	r4 54	11 45	5 39	r4 58	11 52	2 37	r5 3	morn
4	Tu	s7 15	morn	6 41	s7 12	morn	3 39	s7 8	0 0
5	We	r4 57	0 35	7 47	r5 0	0 42	4 43	r5 4	0 51
6	Th	s7 13	1 35	8 50	s7 9	1 42	5 47	s7 5	1 50
7	Fr	r4 59	2 45	9 49	r5 2	2 51	6 47	r5 6	2 58
8	Sa	s7 10	4 1	10 42	s7 7	4 6	7 36	s7 3	4 12
9	☽	r5 1	sets.	11 28	r5 4	sets.	8 23	r5 8	sets.
10	Mo	s7 8	7 54	.....	s7 4	7 53	9 9	s7 1	7 53
11	Tu	r5 3	8 18	0 33	r5 6	8 18	9 52	r5 50	8 20
12	We	s7 5	8 41	1 16	s7 1	8 43	10 33	s6 58	8 46
13	Th	r5 5	9 7	2 0	r5 8	9 10	11 17	r5 12	9 15
14	Fr	s7 2	9 37	2 46	s6 59	9 42	.....	s6 55	9 48
15	Sa	r5 7	10 14	3 38	r5 10	10 20	0 37	r5 13	10 27
16	☽	s6 59	10 59	4 38	s6 56	11 6	1 37	s6 53	11 14
17	Mo	r5 9	11 54	5 47	r5 12	morn	2 45	r5 15	morn
18	Tu	s6 56	morn	6 59	s6 53	0 1	3 56	s6 50	0 10
19	We	r5 11	0 58	8 8	r5 14	1 5	5 5	r5 17	1 13
20	Th	s6 53	2 6	9 7	s6 50	2 12	6 5	s6 48	2 19
21	Fr	r5 14	3 16	9 59	r5 16	3 21	6 57	r5 19	3 26
22	Sa	s6 50	4 24	10 43	s6 47	4 27	7 38	s6 45	4 32
23	☽	r5 16	rises	11 20	r5 18	rises	8 14	r5 21	rises
24	Mo	s6 47	7 14	11 55	s6 44	7 14	8 53	s6 42	7 14
25	Tu	r5 18	7 32	0 12	r5 20	7 33	9 28	r5 23	7 35
26	We	s6 43	7 51	0 46	s6 41	7 53	10 1	s6 39	7 56
27	Th	r5 20	8 12	1 20	r5 22	8 15	10 33	r5 24	8 20
28	Fr	s6 40	8 36	1 57	s6 39	8 40	11 10	s6 36	8 46
29	Sa	r5 22	9 4	2 36	r5 24	9 10	11 53	r5 26	9 16
30	☽	s6 37	9 39	3 19	s6 35	9 45	0 16	s6 33	9 53
31	Mo	r5 24	10 24	4 8	r5 26	10 31	1 8	r5 28	10 39



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	7d. 8h. 43m. a.m.	7d. 7h. 43m. a.m.
First Quarter, . . .	13d. 11h. 9m. p.m.	13d. 10h. 9m. p.m.
Full Moon, ...	21d. 5h. 49m. p.m.	21d. 4h. 49m. p.m.
Last Quarter, . . .	29d. 8h. 58m. p.m.	29d. 7h. 58m. p.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r5 25	11 19	5 8	r5 27	11 26	2 6	r5 29	11 34
2	We	s6 32	morn	6 14	s6 30	morn	3 11	s6 28	morn
3	Th	r5 27	0 24	7 22	r5 29	0 30	4 19	r5 31	0 38
4	Fr	s6 28	1 37	8 27	s6 27	1 42	5 23	s6 25	1 49
5	Sa	r5 29	2 53	9 24	r5 31	2 57	6 21	r5 33	3 2
6	☽	s6 25	4 11	10 16	s6 24	4 14	7 13	s6 22	4 17
7	Mo	r5 32	sets.	11 3	r5 33	sets.	7 57	r5 34	sets.
8	Tu	s6 22	6 44	11 45	s6 20	6 45	8 41	s6 19	6 48
9	We	r5 34	7 8	0 6	r5 35	7 11	9 27	r5 36	7 15
10	Th	s6 18	7 37	0 51	s6 17	7 41	10 10	s6 16	7 47
11	Fr	r5 36	8 13	1 38	r5 37	8 19	10 58	r5 38	8 25
12	Sa	s6 14	8 57	2 29	s6 14	9 3	11 53	s6 13	9 11
13	☽	r5 38	9 50	3 25	r5 39	9 57	0 23	r5 40	10 6
14	Mo	s6 11	10 51	4 30	s6 10	10 58	1 29	s6 10	11 6
15	Tu	r5 40	11 58	5 39	r5 41	morn	2 37	r5 41	morn
16	We	s6 7	morn	6 47	s6 7	0 4	3 44	s6 6	0 11
17	Th	r5 42	1 7	7 50	r5 43	1 12	4 46	r5 43	1 18
18	Fr	s6 4	2 15	8 43	s6 4	2 19	5 41	s6 3	2 24
19	Sa	r5 44	3 21	9 29	r5 45	3 24	6 27	r5 45	3 27
20	☽	s6 0	4 24	10 10	s6 0	4 25	7 7	s6 0	4 28
21	Mo	r5 46	5 26	10 46	r5 47	5 26	7 41	r5 47	5 27
22	Tu	s5 57	rises	11 20	s5 57	rises	8 14	s5 57	rises
23	We	r5 49	6 18	11 53	r5 49	6 21	8 51	r5 49	6 25
24	Th	s5 53	6 40	0 10	s5 54	6 44	9 27	s5 53	6 49
25	Fr	r5 51	7 6	0 47	r5 51	7 11	10 4	r5 50	7 17
26	Sa	s5 50	7 38	1 26	s5 50	7 44	10 41	s5 50	7 51
27	☽	r5 53	8 18	2 8	r5 53	8 25	11 25	r5 52	8 33
28	Mo	s5 46	9 8	2 53	s5 47	9 15	.....	s5 47	9 24
29	Tu	r5 55	10 7	3 45	r5 55	10 14	0 44	r5 54	10 22
30	We	s5 43	11 14	4 45	s5 43	11 20	1 43	s5 44	11 27
..	...	.....	.....	.....	.....	... .	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon.	6d. 5h. 18m. p.m.	6d. 4h. 18m. p.m.
First Quarter. . . .	13d. 9h. 47m. a.m.	13d. 8h. 47m. a.m.
Full Moon.	21d. 11h. 17m. a.m.	21d. 10h. 17m. a.m.
Last Quarter. . . .	29d. 10h. 20m. a.m.	29d. 9h. 20m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r5 57	morn	5 49	r5 57	morn	2 47	r5 56	morn
2	Fr	s5 39	0 27	6 55	s5 40	0 32	3 52	s5 41	0 38
3	Sa	r6 0	1 43	7 58	r5 59	1 46	4 54	r5 58	1 51
4	☽	s5 36	3 0	8 54	s5 37	3 2	5 51	s5 38	3 5
5	Mo	r6 2	4 18	9 45	r6 1	4 18	6 44	r6 0	4 20
6	Tu	s5 33	5 37	10 33	s5 33	5 36	7 28	s5 34	5 35
7	We	r6 4	sets.	11 19	r6 3	sets.	8 14	r6 2	sets.
8	Th	s5 29	6 9	.....	s5 30	6 14	9 4	s5 32	6 20
9	Fr	r6 6	6 51	0 30	r6 5	6 57	9 54	r6 4	7 4
10	Sa	s5 26	7 41	1 23	s5 27	7 48	10 46	s5 29	7 56
11	☽	r6 9	8 41	2 19	r6 7	8 48	11 42	r6 6	8 56
12	Mo	s5 23	9 48	3 16	s5 24	9 54	0 14	s5 26	10 2
13	Tu	r6 11	10 58	4 18	r6 9	11 3	1 17	r6 8	11 10
14	We	s5 19	morn	5 21	s5 21	morn	2 19	s5 23	morn
15	Th	r6 14	0 7	6 20	r6 11	0 11	3 18	r6 10	0 16
16	Fr	s5 16	1 13	7 16	s5 18	1 16	4 13	s5 20	1 20
17	Sa	r6 16	2 17	8 6	r6 14	2 19	5 3	r6 12	2 21
18	☽	s5 13	3 20	8 50	s5 15	3 20	5 47	s5 17	3 22
19	Mo	r6 18	4 21	9 31	r6 16	4 20	6 29	r6 14	4 20
20	Tu	s5 10	5 22	10 9	s5 12	5 20	7 6	s5 14	5 18
21	We	r6 20	6 23	10 46	r6 18	6 20	7 41	r6 16	6 17
22	Th	s5 7	rises	11 22	s5 9	rises	8 16	s5 12	rises
23	Fr	r6 23	5 41	.....	r6 20	5 47	8 58	r6 18	5 54
24	Sa	s5 4	6 19	0 20	s5 6	6 25	9 39	s5 9	6 33
25	☽	r6 25	7 4	1 3	r6 23	7 11	10 21	r6 20	7 19
26	Mo	s5 1	8 0	1 48	s5 4	8 7	11 6	s5 6	8 15
27	Tu	r6 28	9 3	2 36	r6 25	9 9	11 58	r6 22	9 16
28	We	s4 58	10 11	3 27	s5 1	10 16	0 25	s5 4	10 22
29	Th	r6 30	11 23	4 21	r6 27	11 27	1 20	r6 24	11 32
30	Fr	s4 56	morn	5 21	s4 59	morn	2 19	s5 2	morn
31	Sa	r6 33	0 37	6 22	r6 30	0 40	3 20	r6 27	0 43



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	5d. 2h. 27m. a.m.	5d. 1h. 27m. a.m.
First Quarter, . . .	12d. 0h. 40m. a.m.	11d. 11h. 40m. p.m.
Full Moon, ...	20d. 5h. 25m. a.m.	20d. 4h. 25m. a.m.
Last Quarter, . . .	27d. 9h. 44m. p.m.	27d. 8h. 44m. p.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	♉	r6 34	1 52	7 21	r6 31	1 53	4 18	r6 28	1 55
2	Mo	s4 52	3 8	8 18	s4 55	3 8	5 15	s4 58	3 8
3	Tu	r6 36	4 26	9 12	r6 33	4 24	6 10	r6 30	4 22
4	We	s4 49	5 48	10 6	s4 53	5 44	7 3	s4 56	5 41
5	Th	r6 39	sets.	10 57	r6 36	sets.	7 52	r6 32	sets.
6	Fr	s4 47	5 27	11 49	s4 50	5 33	8 45	s4 54	5 41
7	Sa	r6 41	6 25	0 16	r6 38	6 32	9 41	r6 34	6 40
8	♊	s4 45	7 33	1 11	s4 48	7 39	10 34	s4 52	7 47
9	Mo	r6 44	8 44	2 7	r6 41	8 50	11 29	r6 37	8 57
10	Tu	s4 43	9 55	3 1	s4 46	10 0	.....	s4 50	10 5
11	We	r6 46	11 3	3 53	r6 43	11 6	0 52	r6 39	11 11
12	Th	s4 41	morn	4 46	s4 44	morn	1 45	s4 48	morn
13	Fr	r6 49	0 8	5 40	r6 45	0 10	2 38	r6 41	0 13
14	Sa	s4 39	1 11	6 30	s4 43	1 12	3 27	s4 47	1 14
15	♉	r6 52	2 12	7 18	r6 47	2 12	4 15	r6 43	2 12
16	Mo	s4 37	3 13	8 4	s4 41	3 11	5 0	s4 45	3 11
17	Tu	r6 54	4 14	8 48	r6 50	4 11	5 45	r6 45	4 9
18	We	s4 35	5 17	9 31	s4 40	5 13	6 29	s4 44	5 9
19	Th	r6 56	6 21	10 14	r6 52	6 16	7 11	r6 48	6 11
20	Fr	s4 34	rises	10 57	s4 38	rises	7 51	s4 43	rises
21	Sa	r6 59	5 2	11 39	r6 55	5 9	8 35	r6 50	5 17
22	♊	s4 33	5 56	0 1	s4 37	6 3	9 22	s4 42	6 11
23	Mo	r7 1	6 57	0 46	r6 57	7 3	10 7	r6 52	7 11
24	Tu	s4 32	8 4	1 33	s4 36	8 9	10 51	s4 41	8 16
25	We	r7 4	9 14	2 21	r6 59	9 18	11 40	r6 54	9 24
26	Th	s4 31	10 25	3 7	s4 36	10 28	0 4	s4 40	10 32
27	Fr	r7 6	11 37	3 57	r7 1	11 39	0 55	r6 56	11 41
28	Sa	s4 30	morn	4 50	s4 35	morn	1 48	s4 39	morn
29	♊	r7 8	0 49	5 45	r7 3	0 49	2 43	r6 58	0 50
30	Mo	s4 29	2 4	6 44	s4 34	2 3	3 41	s4 39	2 2
..	...	.....	.....	.....	.....	.....	.....	.....	.....

DECEMBER





MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	4d. 0h. 51m. p.m.	4d. 11h. 51m. a.m.
First Quarter, . . .	11d. 7h. 29m. p.m.	11d. 6h. 29m. p.m.
Full Moon, ...	19d. 11h. 5m. p.m.	19d. 10h. 5m. p.m.
Last Quarter, . . .	27d. 7h. 8m. a.m.	27d. 6h. 8m. a.m.

1896		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r7 10	3 21	7 44	r7 5	3 18	4 41	r7 0	3 15
2	We	s4 28	4 42	8 43	s4 33	4 38	5 41	s4 38	4 33
3	Th	r7 12	6 3	9 44	r7 7	5 57	6 41	r7 2	5 52
4	Fr	s4 28	sets.	10 43	s4 33	sets.	7 38	s4 38	sets.
5	Sa	r7 14	5 9	11 38	r7 9	5 16	8 32	r7 4	5 24
6	☧	s4 28	6 22	0 4	s4 33	6 28	9 30	s4 38	6 35
7	Mo	r7 16	7 35	0 58	r7 11	7 40	10 20	r7 6	7 46
8	Tu	s4 28	8 46	1 48	s4 33	8 50	11 7	s4 38	8 55
9	We	r7 18	9 55	2 35	r7 13	9 58	11 54	r7 7	10 1
10	Th	s4 28	11 0	3 19	s4 33	11 1	0 17	s4 38	11 4
11	Fr	r7 20	morn	4 4	r7 15	morn	1 3	r7 9	morn
12	Sa	s4 28	0 2	4 50	s4 33	0 2	1 48	s4 39	0 3
13	☧	r7 21	1 3	5 37	r7 16	1 2	2 35	r7 10	1 2
14	Mo	s4 29	2 5	6 25	s4 34	2 3	3 23	s4 39	2 1
15	Tu	r7 23	3 8	7 16	r7 18	3 4	4 13	r7 12	3 1
16	We	s4 29	4 11	8 6	s4 34	4 6	5 3	s4 40	4 2
17	Th	r7 24	5 14	8 56	r7 19	5 8	5 53	r7 13	5 2
18	Fr	s4 29	6 16	9 47	s4 35	6 10	6 45	s4 40	6 3
19	Sa	r7 25	7 15	10 36	r7 20	7 8	7 32	r7 14	7 1
20	☧	s4 31	rises	11 22	s4 36	rises	8 16	s4 41	rises
21	Mo	r7 26	5 56	.....	r7 21	6 2	9 7	r7 15	6 9
22	Tu	s4 32	7 6	0 31	s4 37	7 11	9 51	s4 42	7 16
23	We	r7 27	8 17	1 16	r7 22	8 20	10 33	r7 16	8 25
24	Th	s4 33	9 28	2 0	s4 38	9 30	11 16	s4 44	9 33
25	Fr	r7 28	10 39	2 44	r7 23	10 40	.....	r7 17	10 41
26	Sa	s4 34	11 51	3 27	s4 39	11 50	0 26	s4 45	11 50
27	☧	r7 29	morn	4 17	r7 23	morn	1 16	r7 18	morn
28	Mo	s4 35	1 6	5 13	s4 41	1 4	2 11	s4 46	1 1
29	Tu	r7 29	2 23	6 14	r7 24	2 19	3 11	r7 19	2 15
30	We	s4 37	3 41	7 19	s4 42	3 36	4 16	s4 48	3 31
31	Th	r7 30	4 58	8 26	r7 24	4 52	5 24	r7 19	4 45

Ther. WED. JAN. 1, 1896 Wea.

5½ am 25° Clear
12 M 38° "
5½ PM 33 "

Have a bad Cold

'97 Friday
37 - 6 am Overcast
54 - 5 PM "

Ther. THURSDAY 2 Wea.

5½ am 32° Clear
12 M 44 "
6 PM 48 Overcast

Saturday
49 - 6 am Clear
60 - 12 M Light Clouds

Tom Bayless called

Ther. FRI. JAN. 3, 1896 Wea.

5½ am 35 Overcast
12 M-25° Clear
5½ PM 18° Cloudy

Sunday 97
47-6 am Overcast
65-12 M floating Clouds
63-5½ PM Overcast
Will & Sily out to walk
Mr Bris called this
Evening

Ther. SATURDAY 4 Wea.

6 AM 26° Clear
1 PM 16° "
6 PM 12° "

97 Monday

53-6 am-Rain
40-6 PM Clear

Ther. SUN. JAN. 5, 1896 Wea.

6 am 12° Spitting Snow
12 M 20° & Overcast
(Cold improving)

5½ PM. 16° Clear

97 Tuesday

32 - 6½ am Overcast
28 - 12 M. Snowy Morning
26 - 5 PM Overcast
One or two In. Snow

Ther. MONDAY 6 Wea.

5½ - 18° Overcast, Snow 1 in
12 M - 29° "
1 PM 33°, Sun out
5 PM 34° Clear
Mr Chase Moved to Sun
place

'97 Wednesday

20° - 6 am Overcast
25 - 12 m Spitting Snow
23 - 5½ Clear in the west

Ther.	Tues. Jan. 7, 1896	Wea.
6 Am	40°	Overcast
12 M	42°	Raining
6 PM	38°	Overcast

Thursday '97

12-6 am		Clear
30-12 M		"
32-5 3/4		Overcast

Ther.	Wednesday 8	Wea.
6 am.	35°	Overcast
12 M	35°	"
5½ P	36°	"

Friday '97

30-6 am		Overcast

Ther. THURS. JAN. 9, 1896 Wea.

5 PM - 37° Overcast

6 PM - 36 Overcast, Ther

showing about 36° the en-

tire day

Saturday '97

Ther. FRIDAY 10 Wea.

6 AM - 35° Overcast -

12 M 36 "

6 PM 36 Cloudy

Sunday '97

Ther. SAT. JAN. 11, 1896 Wea.

5 am 29° clear
12 M 43 " & Rainy
5½ PM 41 "
Monday '97

Ther. SUNDAY 12 Wea.

5¼ 41° clear
12 M 43°
Tuesday '97

Ther. MON. JAN. 13, 1896 Wea.

6° am, 28° clear.
12 M. 34° Floating clouds
6 PM 34° clear
Wednesday '97

Ther. TUESDAY 14 Wea.

5½ - 20° clear

Bottled wine

6 PM 30° clear
Thursday '97

Ther. SUN. JAN. 19, 1896 Wea.

6½ am 40° cloudy
12 M 38° Drizzly
7 PM 36° Cloudy

Ther. MONDAY 20 Wea.

5½ am 33° clear
6 PM 36 "

Ther. TUES. JAN. 21, 1896 Wea.

5 am 34° clear
12 M 42 "
6 PM 42 "

Ther. WEDNESDAY 22 Wea.

6 am. 36° Northeast
12 M 45 "
John Russell to be Married to day
Rain this Evening
6½ PM 44° Cloudy

Ther. THURS. JAN. 23, 1896 Wea.

6 am 45°, clear
3 PM 54°, Sunshine
6 PM 48, Raining

Ther. FRIDAY 24 Wea.

6 am 45 Raining
a rainy night
12 M 44° Cloudy
6 PM 40° ? 4

Ther. SAT. JAN. 25, 1896 Wea.

6 am 35° overcast
12 M 38° "
6 PM 38 "

Ther. SUNDAY 26 Wea.

6 AM 36° Cloudy
12 M 38° "
6 " 37° "

Ther. MON. JAN. 27, 1896 Wea.

5 am 33° Cloudy
12 m 34° "
6 pm 34° "

Ther. TUESDAY 28 Wea.

6 am 31° Overcast
8 pm 34° Clear

Ther. WED. JAN. 29, 1896 Wea.

6 am 28° floating clouds
12 M 50° clear

Mrs Hamilton buried
this Morning
Wm + Lily called this Eve.
A-Condits, Russell
Putnams & Poages

6½ PM 43° Clear

Ther. THURSDAY 30 Wea.

6 am 30° Clear
12 M 46° "
6 PM 49 "

Ther. FRI. JAN. 31, 1896 Wea.

5 6 am 34° Clear
1 12 M 44 Fog
6 PM 48 "

Ther. SATURDAY, FEB. 1 Wea.

6
6 am Heavy Fog
8 12 M 56 Nearby fog
6 PM 56° " "

Wea. Ther. SUN. FEB. 2, 1896 Wea.

6 am 43° Cloudy
7½ PM 41° "

Rain at Midday

Wea. Ther. MONDAY 3 Wea.

6 am 44° Dry
12 M 46° Broken Clouds
6½ PM 43° Cloudy

Ther. TUES. FEB. 4, 1896 Wea.

6 am 38° Overcast
6 PM 39 Cloudy

Ther. WEDNESDAY 5 Wea.

6 am 31° Overcast
12 M 40° Cloudy
A Rainy Evening
5½ PM Raining

Vea. Ther. THURS. FEB. 6, 1896 Wea.

5½ AM 41° Raining
5½ PM 42 Rain over
but still cloudy

Wea. Ther. FRIDAY 7 Wea.

5½ AM 36° Overcast
12 M 40 floating Clouds
8 PM 36 clear

Ther. SAT. FEB. 8, 1896 Wea.

6 am 33° Overcast
1½ PM 36° Snowing
6 PM 34° Drizzling

Ther. SUNDAY 9 Wea.

6 am 31°, Cloudy, Ground
White with snow
12 AM 32° Snowing
6 PM 30 Cloudy

Vea. Ther. MON. FEB. 10, 1896 Wea.

5½ am 29° overcast
12 M 43° Pleasant
6 PM 44° light clouds

Vea. Ther. TUESDAY 11 Wea.

and 5½ am 30° clear
12 M M 40° Strong wind
from N W
6 PM 37° clear

Ther.	WED. FEB. 12, 1896	Wea.
6 am 28°	Overcast	
12 M	Pleasant	
7½ PM 44°	Overcast	
8 PM	Sprinkles	
a Rainy Night		

Ther.	THURSDAY 13	Wea.
6 am 44°	Rainy	
12 M 52°	Cloudy	
5½ PM 42°	"	

Ther. FRI. FEB. 14, 1896 Wea.

6 am 32° Overcast
12 M 41° clear
6 PM 39 "

Ther. SATURDAY 15 Wea.

5½ - 33° clear
12 M 54° clear strong wind N.W.
6 PM 52° clear

Ther. SUN. FEB. 16, 1896 Wea.

6½ am 32° Overcast
Snowy morning
12 M 27° Spitting Snow
5½ PM 25 Cloudy
Spitting snow nearly
all but little showing
on the ground

Ther. MONDAY 17 Wea.

6 AM 12° Clear
12 M 23° "
6 PM 22° "

ea. Ther. TUES. FEB. 18, 1896 Wea.

Sam 16° clear
12 M 29° Snowing
6 PM 30° clear

Wea. Ther. WEDNESDAY 19 Wea.

6 AM 30° Snowing
10 " Clear Strong wind W
3 or 4 In. Drifts
12 M - 25° Clear
5½ P M 21° "

Ther. THURS. FEB. 20, 1896 Wea.

6 am -4°- clear
12 M 14 clear with Thy
N.W. Wind
6 PM 8° clear

Ther. FRIDAY 21 Wea.

6, am -2°- clear
6 PM 26° clear

ea. Ther. SAT. FEB. 22, 1896 Wea.

6 am 6° + Clear
12 M 37° "
6 PM 36° Cloudy

Wea. Ther. SUNDAY 23 Wea.

6 am 36° Overcast
12 M 47° Overcast but
Sun Visible
6 PM 44° Cloudy

Ther. MON. FEB. 24, 1896 Wea.

6 am, 40° Overcast
12 M 50° Clear
6 PM 48 "

Ther. TUESDAY 25 Wea.

5½ AM 34° Clear
12 M 40° "
6 PM 37° "

Ther. WED. FEB. 26, 1896 Wea.

6 am 37° Overcast
12 M 56° Clear
6 PM 53° Clear
Uncle Wm and self saw
Robins this evening
in the woods

Ther. THURSDAY 27 Wea.

6 am 29° Clear
12 M 61
Uncle Wm and self took
a long walk

3 PM 65 Clear
6 PM 59 Clear

Ther. FRI. FEB. 28, 1896 Wea.

6 am 38° Overcast
12 M 54° "
6½ PM 51 Clear

Ther. SATURDAY 29 Wea.

6 am 35° Overcast
much fog
12 M 41° Cloudy
6 PM 42° "

Ther. SUN. MAR. 1, 1896 Wea

6 AM 39 Raining, hard
rain in the night
12 M 38 Cloudy
6 PM 33 "

Ther. MONDAY 2 Wea.

6 AM 30 Overcast
6 PM 39 Clear

Ther.	Tues. Mar. 3, 1896	Wea.
6 am 27	Clear	
12 M 42	"	
6 PM 39	"	

Ther.	Wednesday 4	Wea.
6 am 27	Clear	
6 PM 38	"	

Wea.

Ther. THURS. MAR. 5, 1896 Wea.

6 Am 25° Clear
12 M 42 "
6 PM 46 Overcast

4 Ther. FRIDAY 6 Wea.

6 am 39° Raining
6 PM 55 Cloudy
Midday pleasant

Ther. SAT. MAR. 7, 1896 Wea.

6 A.M. 44° Cloudy

6 P.M. 43 floating clouds
Wind Southerly
Cold all day

Ther. SUNDAY 8 Wea.

6 A.M. 31° Clear
12 M. 46 N. N. W. "
6 P.M. 40 "

Wrote to A. K. Hilton

Wea. Ther. MON. MAR. 9, 1896 Wea.

6 am 27° Clear
12 M 50 "
6 PM 47 "

Wea. Ther. TUESDAY 10 Wea.

6 am 40 Overcast
3 PM 60 Clear
6 PM 53 Overcast

Planted old onions

Ther. WED. MAR. 11, 1896 Wea.

6 am 37 Overcast
8 " Snowing
Planted Tomato & Lettuce
in Box & Cold Frame
6 PM 32 Clouds breaking
in the West
Snowing all the afternoon
& Snow Moist & melting

Ther. THURSDAY 12 Wea.

6 am 20° Still Snowing
7 " Bright Sunshine
12 m 28° Overcast
6 PM 27° "
Spitting Snow after Dinner

Ther. FRI. MAR. 13, 1896 Wea.

6 am 18° floating clouds
12 M 29° " "
6 PM 29° Clear

Ther. SATURDAY 14 Wea.

6 am 20° Clear
12 M 41½° "
6 PM 36° Overcast

Ther. SUN. MAR. 15, 1896 Wea.

6 am 30° Snowing 3 or 4 In
12 M 36° Drizzling
Raining
6 PM 35° Wet-Rain

Ther. MONDAY 16 Wea.

6 am 30° Snowing
about 8 In on the Ground
12 M 35 Snow Ceased
but still Cloudy
4 PM Rain out
6 PM 31° Cloudy

Ther. TUES. MAR. 17, 1896 Wea.

6 am 16° Heavy Fog
12 M 38° Clear
6 PM 35°

Ther. WEDNESDAY 18 Wea.

6 am 22° Heavy fog
1 PM 41° Cloudy
6 PM 39°

Ther. THURS. MAR. 19, 1896 Wea.

6 am 37 Rainy night
12 M 38 Spitting snow
Wind N.W.
6 PM 34° Cloudy

Ther. FRIDAY 20 Wea.

6 am 29° Cloudy
A light coating of sleet
12 M 30° Cloudy
6½ PM 31 floating Clouds

Wea.	Ther.	SAT. MAR. 21, 1896	Wea.
	6½ am 25°		clear
	12 M 47°		"
	6 PM 50		overcast

Wea.	Ther.	SUNDAY 22	Wea.
	6 am 47		cloudy
	12 M 52°		"
	6 PM 50		clear

Ther. MON. MAR. 23, 1896 Wea. Th

6 AM 32 Snowing 6
12 M 29 Heavy Snows 12
Snow ceased after noon 6
5 PM Clouds breaking
6 PM 31 " "

Ther. TUESDAY 24 Wea. Th

6 AM 18° Clear
12 M 36° "
6 PM 36 "
Snowing in the Evening

Wea. Ther. WED. MAR. 25, 1896 Wea.

6 am 25° Clear
12 M 55° "
6½ P M 58° "

Wm fell against grate
Dr called in

Wea. Ther. THURSDAY 26 Wea.

6 am 50, Most. for cast

In room with Mr Last
nights
6½ P M 41 Clear
Raining Evening

Ther. FRI. MAR. 27, 1896 Wea.

6 am 27° clear
12 M 44° "
6½ PM 44° "

Wm had another fall

Ther. SATURDAY 28 Wea.

31° - 6 am clear
65° - 6 PM midday overcast

S Cannon & Dow ½ Day

Wea. Ther. SUN. MAR. 29, 1896 Wea.

55°-6 AM Overcast
Rain in the night
64°-1 PM Sprinkling
2 " Shower
3 " Sun out
5°8-6 PM Raining

Wea. Ther. MONDAY 30 Wea.

58°-6 AM Raining all night
Drizzly in morning
6 PM 62° Clear

Ther. TUES. MAR. 31, 1896 Wea.

49°- 6 am Overcast
Kaufman 1/4 Day
55°- 12 m, Rainy forenoon
57°- 6 PM Cloudy

Ther. WEDNESDAY, APRIL 1 Wea.

53°- 6 AM Overcast
64°- 12 m Cloudy
61°- 6 PM, broken Clouds

Fruit Buds seem OK

Wea. | Ther. | THURS. APRIL 2, 1896 | Wea.

37°- 6 am Clear
Cold N. Wind Strong
45°-12 M. Cold N. Wind
41°- 6 PM- Clear Windy

Wea. | Ther. | FRIDAY 3 | Wea.

32°- 6 am, floating Clouds
7 " Spitting Snow
41°-12 M Clear

Planted Onions

Ther. SAT. APRIL 4, 1896 Wea.

28°-6 am Clear
52°-12 m "
48°-6 pm "

Kaufman 1 Day

Sowed Peas - First -

Ther. SUNDAY 5 Wea.

31.5° am clear
68°-6 pm "

Wea. | Ther. | MON. APRIL 6, 1896 | Wea.

49°-6 AM - broken clouds
with mist—
6½ Raining
53°, 12 M clear
53°, 6 PM "

Sowed Turnip & Parsnip

Wea. | Ther. | TUESDAY 7 | Wea.

36°-6 AM Clear
50°-12 M "
45-6 PM "

Steamer 1 Day Paid

Ther. WED. APRIL 8, 1896 Wea.

32°-6 am Clear
48°-12 M "
50°-6 PM Cloudy

Sowed 3 Rows Eg pt. Beets

Ther. THURSDAY 9 Wea.

44°-6 am Forecast
45-12 M Raining
54-6 PM Clear

Stanner 1/4 Day + Paid
Settled to date 1/2 Day

Ther.	FRI. APRIL 10, 1896	Wea.
45°-6 AM		Clear
61°-12 M		"
58°-6 PM		"

Sowed col Lettuce

Ther.	SATURDAY 11	Wea.
43°-5 AM		Clear
78°-12 M		"
76-6 PM		"

Ther. SUN. APRIL 12, 1896 Wea.

51° – 6 am Clear
81° – 12 M "
76° – 6½ PM "

Ther. MONDAY 13 Wea.

55° – 6 am Clear
81 – 12 M "
78 – 6 PM "

Sowed Kale, outside
" 2 Rows Long Dutch
Parsnip

Ther. TUES. APRIL 14, 1896 Wea.

55° 6 am Clear
75° 12 M Clear
72° 6 PM Floating Clouds

Sowed Radishes
Transplanted Tomatoes
into Cold bed.
Sowed Celery in Box

Ther. WEDNESDAY 15 Wea.

60 - 6½ am Clear
77 - 12 M "
75 - 7 PM "
Planted Onions

Ther. THURS. APRIL 16, 1896 Wea.

81°-12 M floating clouds
80° 6 PM " "

Johnson plowed Garden
to 2 1/2

Ther. FRIDAY 17 Wea.

60°-6 AM Clear
85° 2 PM floating Clouds
82°-6 " Clear

Sowed all seasons
& Irene Inmate in bed

Ther. SAT. APRIL 18, 1896 Wea.

61°-6 am Floating Clouds

80-6 PM " "

Planted Cucumbers & Sunflowers

Ther. SUNDAY 19 Wea.

64°-6 am - floating Clouds

82-12 M " "

but Bright Sun

75-7 PM floating Clouds

Mr W. Jones N. & C. Mountcalled This Eve.

Ther. MON. APRIL 20, 1896 Wea.

57°-6 am Floating clouds
82-12 M " "
79°-6 PM " "

Steamer 1 Day

Planted Country Gentleman
Corn & Long pod Beans

Ther. TUESDAY 21 Wea.

65°-6 am, Heavy Cloud N.
Rained Southerly

Planted B. Bean Improved

Ther. WED. APRIL 22, 1896 Wea.

51°-5 am Clear
65-12 M "
63- 6 PM "

Prepared ground for Tomatoes

Ther. THURSDAY 23 Wea.

42°-5½ Am Clear
Can see no frost-
70°-6 P.M. cloudy
Mrs F left at 4.40 P.M.

2' Rowing Parsnips
planted Melons & Squashes
Transplanted Tomatoes

Ther. FRI. APRIL 24, 1896 Wea.

57°- 6 AM floating Clouds
74°- 12 M Heavy Shower
71°- 6 PM clear

Planted Okra

Ther. SATURDAY 25 Wea.

74°- 6 AM clear
77°- 12 M "
72°- 7 PM floating clouds

Planted Seeds

Vea. Ther. SUN. APRIL 26, 1896 Wea.

53°-6 am Clear
74°-6 PM floating Clouds

ea. Ther. MONDAY 27 Wea.

6 am 62° Sprinkling
71°-12 M Clear
73°-6 PM floating clouds

Planted Peas (Champion)

Ther. TUES. APRIL 28, 1896 Wea.

62°-6 am - floating Clouds
76-12 M Light Clouds
73-6 PM " "

Stuck first Peas (marrow)

Ther. WEDNESDAY 29 Wea.

59-6 am, fine Sprinkle
75-12 M light Clouds
70-6 PM, Shower East
of us

Painting Sitting Room
& Chamber

Vea. Ther. THURS. APRIL 30, 1896 Wea.

63°-6 am. floating clouds
74-12 M " "
64-6 PM " "

Papering sitting Room

Vea. Ther. FRIDAY, MAY 1 Wea.

58-6 am, heavy fog
70-6 PM, floating clouds.
a shower N.E. of us

Planted Evergreen Corn

Ther. SAT. MAY 2, 1896 Wea.

62°-6 am floating clouds
74-12 M " "
76-5½ PM " "

Finish painting & Papering

Ther. SUNDAY 3 Wea.

58°-6 am- floating Clouds
77°-12 M. light floating Clouds
70°-7 PM Clear

Ther.	Mon. May 4, 1896	Wea.
50°-5½ am		Clear
76°-12 M		"
71°-7 PM,	Clouds, Stratus.	

Ther.	Tuesday 5	Wea.
52°-7 am		Clear
73°-6 PM	floating	Clouds

Ther. WED. MAY 6, 1896 Wea.

64° 8 AM Clear
75° 12 M "
74° 6 PM "

Ther. THURSDAY 7 Wea.

52° 6 AM Clear
78° 12 M "
75° 6 PM "

Wea. | Ther. | FRI. MAY 8, 1896 | Wea.

52° - 6 am | Clear
80° - 12 M | "
78 - 6 PM | "

Sowed Table 2mm Corn.

Wea. 6 | Ther. | SATURDAY 9 | Wea.

55° - 6 am | Clear
84° - 12 M | "
81 - 6 PM | "

Ther. SUN. MAY 10, 1896 Wea.

61–7 am Clear
85–12 M "
83–6 PM "

Ther. MONDAY 11 Wea.

59–6 am Clear
86–12 M "
82–6 PM Thunder Shower
Planted Bush Limas
Rowed Pepper
Planted Cucumbers
7 PM a heavy Shower

Wea. Ther. TUES. MAY 12, 1896 Wea.

61 - 6 AM Clear
82 - 12 M "
67 - 6 PM "

Transplanted Tomatoes
at 3 PM the heaviest Shower for many years. Creeks low ground across the R.R. flooded
Mitchells House struck By and burned 3 A M

Wea. Ther. WEDNESDAY 13 Wea.

61 - 6 AM. Heavy fog
80 - 12 M. floating Clouds
80 - 6 PM clear

Ther.	THURS. MAY 14, 1896	Wea.
65° - 6 am		Clear
81° - 12 M		"
73° - 6 PM		floating Clouds

Ther.	FRIDAY 15	Wea.
57° - 6 am		Clear
74° - 12 M		"
72° - 6 PM		"

Ther. SAT. MAY 16, 1896 Wea.

52°-6 am Clear
79-12 M floating Clouds
76-6 PM " "

Transplanted Cabbage
& Irish Tomatoes

Ther. SUNDAY 17 Wea.

64-6 am Cloudy
79-6 PM Clear

Ther. MON. MAY 18, 1896 Wea.

59°- 6 am Clear
82°- 12 M floating Clouds
66°- 6½ PM Cloudy

Struck 2nd Pear

a Heavy Shower with
much Lightning between
5 & 6 this Evening

Ther. TUESDAY 19 Wea.

65°- 7 am light-clouds
76°- 12 M " "
Thunder this forenoon
72°- 7 PM floating clouds

Planted Beans, Beat of all

Ther. WED. MAY 20, 1896 Wea.

65 - 6½ AM Overcast
68 - 12 M Raining
More Rain Evening
69 - 6 PM

Transplanted Beets and Parsnips

Ther. THURSDAY 21 Wea.

Morning Cloudy
77 - 12 M pleasant with floating Clouds
75 - 7¼ PM Clear

Ther. FRI. MAY 22, 1896 Wea.

67-6 am Overcast
a light shower in the
night
73-12 M light clouds
Thunder & a slight sprin
kle this Evening
71-6 P.M. floating Clouds

Ther. SATURDAY 23 Wea.

65-6 am Cloudy & sprinkling
70-12 M sprinkling this
forenoon state Cloudy
72-6 P.M clear

Sowed Cabbage Large late
flat-Dutch
Framing burned to day

Ther. SUN. MAY 24, 1896 Wea.

60° - 5½ am Clear
78° - 12 M Light Clouds
76 - 6 PM Clear

Ther. MONDAY 25 Wea.

65° - 6 am Cloudy
9½ " Raining
70° - 12½ PM Rain over
76 - 7 " Light Clouds
2d plant: Country Gentleman

Ther. TUES. MAY 26, 1896 Wea.

70-7 am, Heavy Shower with
strong wind from Southerly
9 am Rain again
72-12 M Sun out
72-6 PM light clouds

Ther. WEDNESDAY 27 Wea.

7 am Cloudy
71-12 M Sun out
75-6 PM floating Clouds
a pleasant Evening

ea. Ther. THURS. MAY 28, 1896 Wea.

Shown 3 am
6 am Cloudy
74° 12 M Sun out
70°-6 PM floating clouds

Great Cyclone at St Louis
Yesterday Evening

ea. Ther. FRIDAY 29 Wea.

55-5 am Clear
72-12 M Clear
6 PM Clear

2d planting Cucumbers
2 Do Best of all beans

Ther. SAT. MAY 30, 1896 Wea.

55 6 am Light Clouds
75 12 M " "
but pleasant
72°-7 PM " "

Loved Rules-pages in bed

Ther. SUNDAY 31 Wea.

66°-7 am Light Clouds
70-12 M Sprinkling
61-6 PM Heavy Clouds

Wea. Ther. MON. JUNE 1, 1896 Wea.

58°-6 am Heavy Clouds
62-12 M Light " Clouds
68-7 PM " "

Finished planting Corn

Wea. Ther. TUESDAY 2 Wea.

61-6½ am Clear
72-12 M
73-6 PM fleecy clouds all day

Sowed Beets
Rut-Rocks-Potatoes

Ther. WED. JUNE 3, 1896 Wea.

59° - 6½ am flecy Cloud
72 - 1 PM Rain left off
transplanting Pots,
67 - 7 PM cloudy a
Rainy & Drizzly
Planted Sweet Pots.

Ther. THURSDAY 4 Wea.

63 - 6½ am Clear
74 - 12 M light Cloud
77 - 6 PM Clear

Ther. FRI. JUNE 5, 1896 Wea.

63 - 6 am Fog 87
81 - 12 M Clouds indicate a
shower from North
79 - 6 PM almost clear, No
Rain here

Ther. SATURDAY 6 Wea.

65° - 6 am heavy fog
76 - 12 M Heavy wind from E,
with thunder in the E, & probably
Rain — a light shower
75 - 7 pm Light Clouds

Ther. SUN. JUNE 7, 1896 Wea.

65-6 am Clear
85-12 M floating clouds
79-6 PM " "
a slight sprinkle at 2 P.M.
an uncomfortable day

Ther. MONDAY 8 Wea.

70°-6 am clear
a sprinkle this forenoon
77°-12 M light clouds
Heavy shower at 3½ P.M.
from the N.W.
68-5¾ P.M. raining again

Wea. Ther. TUES. JUNE 9, 1896 Wea.

63°-6 am Heavy clouds N.W.
Heavy Shower in forenoon
69-10 PM Rain over but
Still cloudy
69°. 8 PM clouds breaking
a showery day

Wea. Ther. WEDNESDAY 10 Wea.

62°-6 am light clouds
69-12 M " "
69-6 PM Sun out " "
a slight sprinkling at 3 PM

Ther.	THURS. JUNE 11, 1896	Wea.
53°-6 am	Clear	
72°-12 M	"	
72°-6 PM	"	

Ther.	FRIDAY 12	Wea.
54°-6 am	Clear	
77°-12 M	"	
74°-6 PM	"	

Wea. | Ther. | SAT. JUNE 13, 1896 | Wea.

56-6 am | Clear
69-12 M | Broken clouds
66-6 PM, Wind N, Cloudy

Wea. | Ther. | SUNDAY 14 | Wea.

56-6 am | Clear
73-12 M | floating clouds
72-6 PM | " "

Ther. MON. JUNE 15, 1896 Wea.

79-12 M floating clouds
64-6 PM two heavy showers this evening with strong Northerly winds
Set-Cabbag plants

Ther. TUESDAY 16 Wea.

60-6 AM, heavy fog
73-12 M Light clouds
76-6 PM " "
Thunder in the N.

Ther. WED. JUNE 17, 1896 Wea.

77°-12 M Thunder N.W.
71-6 PM light clouds
A sprinkle at 1 PM

Ther. THURSDAY 18 Wea.

63°-6 AM Heavy fog
75°-12-M Light clouds
Thunder N.
75-6 PM " "

Ther.	Fri. June 19, 1896	Wea.
63°-6 am	heavy fog	
79-12 M	floating clouds	
79 - 6 PM	Clear	

Ther.	Saturday 20	Wea.
65-6 am	floating Cloud	
84°-12½ PM	"	"
80°-6 PM	"	"

Ther. SUN. JUNE 21, 1896 Wea.

69°-6 am Clear
84-12 M Light clouds
81-6 PM Clear

Ther. MONDAY 22 Wea.

A Shower. Now over
69-6 am Clouds clearing
79-6 PM Light Cloudy

82-12 M " "

Sowed & Transplanted
Stirings Imp. purple top
Transp[d] 5 Bulb Roots

Ther. TUES. JUNE 23, 1896 Wea.

Morning Light clouds
at 7 am a shower which
continued the forenoon
12 M rain Extremely over
but still cloudy
12 M 68°
72° - 6 P M Still cloudy

Set Turnips & Cabbages in
the morning

Ther. WEDNESDAY 24 Wea.

70° - 6 am Light clouds
80 - 12 M light clouds, thunder
in the N.W.
79° - 6½ P M Light clouds
a slight shower afternoon

Wea.	Ther.	THURS. JUNE 25, 1896	Wea.
	71°-6 am		light clouds
	83°-12 M		"
	80-6 PM		Clear

Wea.	Ther.	FRIDAY 26	Wea.
	83°-12 M		Light clouds
	Shower 12 to 2		
	77-6 PM		Light clouds

Ther. SAT. JUNE 27, 1896 Wea.

67-6 am light-cloud
71-12 m Raining
72-6½ PM little cloudy

Letter from W. F. informing of Abrams death on the 24 Inst.

Rain in the night

Ther. SUNDAY 28 Wea.

69-6 am little cloudy
77-12 m floating clouds
72-6½ PM " "

ea. Ther. MON. JUNE 29, 1896 Wea.

61°-6 am Clear
77°-12 M scattering clouds
75-6 PM a drying day
with few clouds

ea. Ther. TUESDAY 30 Wea.

62°-6 am clear
76-9 PM "

Probably an Explosion at
the Electric light-plant,
loud noise like Steam
Escaping.

Sowed Ruta bagas

Ther. WED. JULY 1, 1896 Wea.

63°-6 am Heavy fog
82-12 M Clear
81-6 PM "

The Report last night was due to a collission on the N. & W. R.R. No one hurt—

Ther. THURSDAY 2 Wea.

61°-6 am Light Stratus
70-12 M a light Shower
a pleasant Evening
72°-7¼ PM Clear

Ther. FRI. JULY 3, 1896 Wea.

79°-12 M Clear
6 P.M 80° light clouds

Ther. SATURDAY 4 Wea.

Showery morning
Showery for noon
74-12 M Cloudy
76-6 P.M Showery Evening
Light Clouds but Sun Set-
Clear

Ther. SUN. JULY 5, 1896 Wea.

71-6 am Cloudy. Sprinkling
74-12 M Cloudy & damp
75-6 PM Cloudy
A pleasant Evening
Wrote to W. F.

Ther. MONDAY 6 Wea.

68°-6 am Heavy fog
77-12 M light clouds
Lowest Temps Irish Potatoes
Tops Ruta baga
76°-6 PM Cloudy

Wea. | Ther. | TUES. JULY 7, 1896 | Wea.

66° 6 am | Light cloud
75-12 M | " "
73-6 PM | " "

Wea. | Ther. | WEDNESDAY 8 | Wea.

63-6 am | Cloudy
66-12 M | "
64-6 PM | Damp & "

8 PM a Shady Rain

Ther. THURS. JULY 9, 1896 Wea.

A Raining Night
60-6 AM Still Cloudy
66-12 M Rain Over, Cloudy
70-6 PM Clear

Ther. FRIDAY 10 Wea. 8

79-12 M Light Clouds
77-6 PM " "

Ther. SAT. JULY 11, 1896 Wea.

66-6 am Light-Clouds & fog
80-2 PM, clear
a heavy shower this eve-
73-6 PM still cloudy

8 Ther. SUNDAY 12 Wea.

68-6 am heavy fog
80-12 M, Light-Clouds, Thunder
73-6 PM " " "
Sprinkling

Ther. MON. JULY 13, 1896 Wea.

67-6 am Light clouds
79-12 M floating "
81-6 PM " Clear

Ther. TUESDAY 14 Wea.

a Cloudy morning
81-12 M Light clouds
81-6 PM Thunder in the N.
Heavy Shower at 8 PM

(M S 1 Day)

Ther. WED. JULY 15, 1896 Wea.

6 am - 72 Light + Cloud
A heavy Shower last night -
83 - 12 M Light - clouds
Thunder in the North
71 - 6 PM Cloudy
a light Shower at 5 PM
(M.S. title 4 PM)

Ther. THURSDAY 16 Wea.

70 - 6 am Cloudy
70 - 12 M Raining
70 - 6 PM Cloudy

Ther. FRI. JULY 17, 1896 Wea.

58 - 6 am Clear
72 - 12 M "
71 - 6 PM "

M. L. 1 Day

Ther. SATURDAY 18 Wea.

57 - 6 am Heavy fog
79 - 1¼ PM light Clouds
78 - 6 PM " "

Rec'd W. F. #400 00/100 to divided thus -
Mary #100 00/100
Abby 100 00/100

Ther. SUN. JULY 19, 1896 Wea.

67-6 am light-fleecy Clouds
81-2 PM " " "
78.6 PM " " "

Ther. MONDAY 20 Wea.

79-12 AM Cloudy
77-2½ PM Heavy Shower
72-6 PM Cloudy

M. S to 2½ PM

Ther. TUES. JULY 21, 1896 Wea.

70-6 am Rainy Night and
Still Raining
74-12 M. Not Raining
but Still cloudy
77-6 PM Cloudy.

No Tobac

Ther. WEDNESDAY 22 Wea.

72-6 am Cloudy
a Heavy Shower
77-12 M Light Clouds
at 2 PM Light Showers
78-6 PM Clear

Ther. THURS. JULY 23, 1896 Wea.

69-6 am Clear
80-12 M "
4 3/4 P M Rain
75,6 P M Drizzly

M S till 5 P M

Ther. FRIDAY 24 Wea.

a Rainy Night
72-6 am Cloudy
78-12 M, a Shower this
morning. Still cloudy
78-6 P M Raining

Ther. SAT. JULY 25, 1896 Wea.

73-12 M light clouds
74-6 PM clear!!!!
No Rain this day!!!!

Ther. SUNDAY 26 Wea.

64-6 AM heavy fog
80-12 M bleak
82-6 PM clear

Ther. MON. JULY 27, 1896 Wea.

73-6 am clear!!!
88 or 92°-12½ PM clear
85 or 88-6 PM "

M.S. 1 Day

Ther. TUESDAY 28 Wea.

73 or 76-6 am Clear
78 & 80-12 M Showers
80-82-6 PM light Clouds

M.S. to 11½ Rain
a heavy shower

Ther. WED. JULY 29, 1896 Wea.

75- 6 am Clear
88 or 92 12 M "
85 6 PM "
82 - 7 3/4 PM

Ther. THURSDAY 30 Wea.

72° - 6 am Clear
88 or 92 - 12 M Light clouds
83 - 6 PM, Thunder East -
Shower passed East -

Ther. FRI. JULY 31, 1896 Wea.

69 - 6 am Fog.
78 or 82 12 M Clear
~~80 M 5~~

Ther. SATURDAY, AUG. 1 Wea.

66 - 6 am Light-Cloud
83 - 12 M " "
5 P M Shower from N E
73° - 6 " " Shower past

Ther. SUN. AUG. 2, 1896 Wea.

69-6 AM Light Clouds
(Struck Lightning in the)
S.W Last night
79-12 M Clear
80-6 PM floating Clouds

Ther. MONDAY 3 Wea.

69-6 AM Light Clouds
81-12 M " "
around at Brashears
about 5 PM Thunder
up to Brashears house
When Uncle Wag & the girls
a living

Ther. TUES. AUG. 4, 1896 Wea.

Warm & Pleasant
took a walk over the
premises with Ranch &

Ther. WEDNESDAY 5 Wea.

A pleasant day Uncle
Nag & Girls took an ups
to Rosemont - a rough
walk up a ravine but
a fine situation and
an unsurpassed view

Ther. THURS. AUG. 6, 1896 Wea.

Warm & clear
Up to C P & at Noon
Remained all night—
Uncle Wag & the girls with
me & they returning at
night=

Ther. FRIDAY 7 Wea.

Uncle W & girls came up
this morning— M & Mon
up & daughter walked
up to M. took tram home
arrived O K and found
Every thing in Status Quo

Ther. SAT. AUG. 8, 1896 Wea.

70°-6 AM light clouds
a shower in the night
72-12 M- a rainy forenoon
No rain since noon
75°-6 PM Light Clouds

Ther. SUNDAY 9 Wea.

68-6 AM Clear
84-12 M Light Clouds
84-6 PM " West

Ther. MON. AUG. 10, 1896 Wea.

72-6 am Clear
86-12 M "
85, 6 PM "
Gathered Plums - 1 PK!!!

Ther. TUESDAY 11 Wea.

71-6 am clear
87-12 M light clouds
a shower this afternoon
74-6 PM clear

Ther.	WED. AUG. 12, 1896	Wea.
68° - 6 am		light Clouds
84 - 12 M		Clear
74 - 6 PM		light Clouds
	after a Shower	

Ther.	THURSDAY 13	Wea.
69 - 6 am		Heavy fog
83 - 12 M		Light Clouds
80 - 6 PM		Clear

Ther.	FRI. AUG. 14, 1896	Wea.
69 - 6 am		Heavy fog
79 - 12 M		Light Clouds
79 - 6 PM		Clear

Kinsley 1 Day

Ther.	SATURDAY 15	Wea.
68 - 6 am		Heavy fog
85 - 12 M		
80 - 6 1/2		Light cloud

Cookee Turnips

Squash (18 1/2") (13" 1/2)

Ther.	Sun. Aug. 16, 1896	Wea.
69-6 am		Clear
79-12 M		Cloudy
77-6 PM		Clear

Ther.	Monday 17	Wea.
66-6 am		Clear
77-12 M		Light Clouds
73-6 PM		"

Ther. TUES. AUG. 18, 1896 Wea.

Cool Night & Morning

12 M 74° Clear

73-6 PM "

Ther. WEDNESDAY 19 Wea.

55 - 6¼ AM Foggy

71 - 12 M light Clouds

70 - 6 PM " "

Ther. THURS. AUG. 20, 1896 Wea.

53°-6 am Light-Clouds
73-12 M Clear
72-6 PM Light-Clouds
Strained off 6 gals
8 Grape jellies

Ther. FRIDAY 21 Wea.

59-6 AM Light-Clouds
77-12 M " "
70-6 PM Cloudy
Strained off 6 gals
8 Grape jellies

Ther. SAT. AUG. 22, 1896 Wea.

69-6 am Light-Cloud Sprinkling-Black Clouds N
1 01 am, Heavy Shower
72°-12 M Clear
81-6 PM "

Ther. SUNDAY 23 Wea.

69-7½ am Light-Cloud Heavy Thunder and Shower in the Night
73-12 M Light-Cloud
73-7¼ PM, Heavy Cloud

Met J. S. Pittman at the Depot this Evening

Ther.	Mon. Aug. 24, 1896	Wea.
64-6 am		Rain
72-12 M		Clear
72-6 PM		"

Ther.	Tuesday 25	Wea.
59°-6 am		Fog
74-12 M		Clear
74-6 PM		"

Ther.	Wed. Aug. 26, 1896	Wea.
79° - 12 M		Clear
76 - 6 PM		"

Ther.	Thursday 27	Wea.
62 - 6 AM		Light Cloud
73 - 12 M		Clear
70 - 6 PM		"

Ther.	FRI. AUG. 28, 1896	Wea.
53-6 am		Heavy Fog
72-12 M		light-clouds
Great Crowds in Town		
69-6 P.M.		Clear

Ther.	SATURDAY 29	Wea.
52°-6 am		Fog
72-12 M		Clear
71-6 P.M.		"

Ther. SUN. AUG. 30, 1896 Wea.

57 - 6 am Heavy fog
75 - 12 m Clear
70 - 6 pm "

Ther. MONDAY 31 Wea.

60 - 6 am Clear
75 - 12 M Light-Clouds
74 - 6 pm Clear

Ther. TUES. SEPT. 1, 1896 Wea.

59-6 am Clear
74-12 m "
71-6 Pm "

Ther. WEDNESDAY 2 Wea.

53 — Clear
77 — "
~~74~~ —

Ther. THURS. SEPT. 3, 1896 Wea.

12 M 77° a heavy shower
72-6 PM light Cloud

Ther. FRIDAY 4 Wea.

60-6 AM Cloudy
67-12 M light Cloud
69-6 PM " "

Ther. SAT. SEPT. 5, 1896 Wea.

63°-6½ Am Thunder & Rain
70°-12 M light- Clouds
71-6- Clear

Ther. SUNDAY 6 Wea.

56-6 Clear
67-12 "
66-6 "

Ther. MON. SEPT. 7, 1896 Wea.

52°-6 Heavy fog

Mowed (Crawford) 1/2 Day

Ther. TUESDAY 8 Wea.

52-6½ Heavy fog 6
70-12 Clear 8
71-6 " 8

Mr Crawford Mowing 1/2 Day

Ther.	WED. SEPT. 9, 1896	Wea.
56-6		Foggy
12	Hot-	
76-6		light clouds

Ther.	THURSDAY 10	Wea.
62-6		Light fog
81-12		Clear
80-4		"

Ther.	Fri. Sept. 11, 1896	Wea.
63-6	Light fog	
84-1	Clear	
82-6	Light Clouds	

Ther.	Saturday 12	Wea.
69-6	Cloudy	
83-12	Clear	
81-6	Light Clouds	

Ther. SUN. SEPT. 13, 1896 Wea.

A heavy Shower last night
68-6 clear
81-12 "
83-3

10 Ther. MONDAY 14 Wea.

67-6 Fog
82-12 clear
83-3½
79-6½ light Clouds

Ther. TUES. SEPT. 15, 1896 Wea.

10 am a light shower
73 - 20 m

Ther. WEDNESDAY 16 Wea.

75 - 71/2 Cloudy
68 - 12 "
71 - 5 light clouds

Wea.

Ther. THURS. SEPT. 21, 1896 Wea.

65-6 SE
78-12 Lt Cloudy
78-6 " Cloudy

Mrs Powers funeral
Morning

Ther. FRIDAY 18 Wea.

65-6 Clear
83-1 "
A Heavy Shower

Ther. WED. SEPT. 23, 1896 Wea.

42 - 6 am
54 - 12 m clear
55 6 PM "

Ther. THURSDAY 24 Wea.

41 - 6½ Heavy frost
65 - 12
63 - 6 "

Gathered Hops

Ther. FRI. SEPT. 25, 1896 Wea.

44-6 — Clear
72-12 — light Clouds
68-6 " "

Ther. SATURDAY 26 Wea.

73-12 AM Clear
71-6 PM light Clouds

Ther.	SUN. SEPT. 27, 1896	Wea.
64°–11 am	Raining	
65–12 m	"	
66–5½	Light Clouds	

Ther.	MONDAY 28	Wea.
66°–5½ PM.	Cloudy	

Ther. TUES. SEPT. 29, 1896 Wea.

63-6 Heavy Rain
64-12 " " "
59-6 Rain over but cloudy

Mr Medley is dead
died Sunday last

Ther. WEDNESDAY 30 Wea.

52-6 light- clouds
Rain at night
54-12 Raining
55-5 Cloudy

Ther. THURS. OCT. 1, 1896 Wea.

55-6 Cloudy
58-12 "
58-6 "

Spent a fortune in this vicinity, fine crop north

Ther. FRIDAY 2 Wea.

6 am Cloudy
56-5 PM Still Cloudy

Ther. SAT. OCT. 3, 1896 Wea.

48° - 6 am (Clear Night) Fog
59 - 5½ PM Clear

Ther. SUNDAY 4 Wea.

44 - 6 Fog
62 - 12 light clouds
61 - 5½ Clear

Ther. MON. OCT. 5, 1896 Wea.

45 – 6 am Heavy fog
62 – 12 Clear
61 – 5½ 4

Ther. TUESDAY 6 Wea.

47 – 6 Heavy fog
68 – 12 Light Showers
66 – 5½ Cloudy

ea.

Ther. WED. OCT. 7, 1896 Wea.

42-6 (Clear Night-) light-Fog
57-12 Clear

ea.

Ther. THURSDAY 8 Wea.

35-6: first-frost-in Garden
54-12 Clear
50-6 "

Ther. FRI. OCT. 9, 1896 Wea.

55-6, Frost. Clear
59-12 "
53-53/4 "

Mrs Bates Jenn last night-

Ther. SATURDAY 10 Wea.

a pleasant day
59-6 PM Clear

Ther. SUN. OCT. 11, 1896 Wea.

5-6-6 light fog
61-12 clear
60-6 light clouds

Ther. MONDAY 12 Wea.

Morning Cloudy
58-12 "
53- Raining

Ther. TUES. OCT. 13, 1896 Wea. Th

51-6. Light Raining 38
52-12. Rain pretty. done 62
51-5 Drizzling

Ther. WEDNESDAY 14 Wea. 11 Th

46-6½ Clearing off 4
63-12 Clear 6
59-5½ " 5

ea. Ther. THURS. OCT. 15, 1896 Wea.

38-6 light fog
62-5½ Clear

ea. 11 Ther. FRIDAY 16 Wea.

44-6 Clear
62-12 4
57-6 0

Ther.	SAT. OCT. 17, 1896	Wea.
52-6	Overcast	
55-6	"	

Ther.	SUNDAY 18	Wea.
43-6½	Overcast	
51-12½	"	
46-6	"	

Wea.

Ther. MON. OCT. 19, 1896 Wea.

33 - 6½ Clear
55 - 5½ "

Wea.

Ther. TUESDAY 20 Wea.

53-6 Overcast-
57-12 "
53-6 Raining

Ther. WED. OCT. 21, 1896 Wea.

45-6 Clear
51-5½ "

Benj Dixon died aug 88

Ther. THURSDAY 22 Wea.

33-6 Clear
63-5 "

Ther. FRI. OCT. 23, 1896 Wea.

49°-12 M Raining
43-6 Raining

Buy Dixon Bread

Ther. SATURDAY 24 Wea.

37-6½ Clear
57-12 "

Ther. SUN. OCT. 25, 1896 Wea. Th

33 - 6½ Heavy fog
55 - 1 Clear
48 - 6¼ Overcast

Ther. MONDAY 26 Wea. Th

39 - 6 Fog
65 - 12 Clear
59 - 5¼ "

Commenced Painting
Outside House

Wea. Ther. TUES. OCT. 27, 1896 Wea.

39-6 Clear
64-6 "

Ther. WEDNESDAY 28 Wea.

57-12 Rainy foggy morn
60-5 Clear

Ther.	Thurs. Oct. 29, 1896	Wea.
50° – 6		Fog
72 – 5½		Cloudy
Mid day pleasant		

Ther.	Friday 30	Wea.
68° – 6		Cloudy
74 – 12		Clear
a slight Rain in forenoon		
72 – 6		Clear

Wea. | Ther. | SAT. OCT. 31, 1896 | Wea.

48° – 6 | Clear
66 – 12 | "
62 – 6 | "

ea. | Ther. | SUNDAY, NOV. 1 | Wea.

49 – 7 | Broken clouds
63 – 5½ | clear

Ther. MON. NOV. 2, 1896 Wea.

40°-6 am Fog
6½-6 PM Overcast

A stand display by
the G.O.P to night

Ther. TUESDAY 3 Wea.

49-6 Overcast

Voted for P. & B
House Ins. expired to day
Renewed for 5 Yrs. #130.

63°-5½ Overcast

Ther. WED. NOV. 4, 1896 Wea.

59 - 7 1/2 Overcast,
63 - 12 Rainy
60 - 6 "

Ther. THURSDAY 5 Wea.

55 - 6 Heavy fog
51 - 12 Heavy Winds N.W.
43 - 7 Cloudy

Ther.	Fri. Nov. 6, 1896	Wea.
35-6		Clear
55-6		"

Ther.	Saturday 7	Wea.
39°-7		Clear
46-5½		Cloudy
Painters nearly finished		

Ther. SUN. NOV. 8, 1896 Wea.

36 - 6½ Overcast
38 - 1 "
37 - 5 "

Ther. MONDAY 9 Wea.

34 - 6 Overcast
41 - 5½ "
Clear Sunset

Ther.	Tues. Nov. 10, 1896	Wea.
36 - 7		Overcast
55 - 5½		light clouds

Ther.	Wednesday 11	Wea.
56 - 6		Raining
56 - 12		"
56 - 5		clouds breaking

Ther. THURS. NOV. 12, 1896 Wea.

47-6 Overcast
48-12 "
48-5½ Clear Sunset

Ther. FRIDAY 13 Wea.

33-6 Clear
39-6 "

Ther.	SAT. NOV. 14, 1896	Wea.
25-6		Clear
45-6		Clear, West-

Ther.	SUNDAY 15	Wea.
40-6		Broken Cloud
62-12		Clear
53-7		"

Dr Goums, Mills family & self took a long walk this Dr suppers with us

Ther. MON. NOV. 16, 1896 Wea.

64-5 P.M. Clear
a fine day, out to old
Christies with Schmyths
in the forenoon

12 Ther. TUESDAY 17 Wea.

5-0-6 Clouds broken
6 5-6 Broken Clouds
a fine day

Ther. WED. NOV. 18, 1896 Wea.

50–6 Broken clouds
70–12 a pleasant day
66–5 Beautiful sunset

Ther. THURSDAY 19 Wea.

56–6 Overcast
46–5 a drizzly rainy day

Ther.	Fri. Nov. 20, 1896	Wea.
38 - 6		Cloudy
41 - 1 1/2		"
40 - 5		"

Ther.	Saturday 21	Wea.
40. - 4		Cloudy
64 - 12		Clear
65 - 6		Cloudy

Ther. SUN. NOV. 22, 1896 Wea.

40 - 6 Clear Overhead
47 - 12 Broken Clouds
42 - 5 Light Clouds

Ther. MONDAY 23 Wea.

38 - 6 Cloudy
62 - 5 Clear
Fine day

Ther. Tues. Nov. 24, 1896 Wea.

54-7 Floating Clouds
60-5 " "

Ther. Wednesday 25 Wea.

44-6 Fog
66-5 Clear
Fine day

Ther. THURS. NOV. 26, 1896 Wea.

48 - 5-3/4 Clear
73 - 12 Clear
Mill & family Dined
70 - 5 Cloudy
Indications of Rain
a fine day !

Ther. FRIDAY 27 Wea.

66 - 6 , Cloudy
- 5 Raining

Ther. SAT. NOV. 28, 1896 Wea.

42 - 6 Raining
36 - 5 Still Raining

Ther. SUNDAY 29 Wea.

29 - 6½ Cloudy
30 - 5½ 4

Ther. MON. NOV. 30, 1896 Wea.

24 - 6 Cloudy
27 - 5½ (Cold day) Clear

Ther. TUESDAY, DEC. 1 Wea.

12 - 6 Clear
28 - 12 "
25 - 5 "

Ther.	Wed. Dec. 2, 1896	Wea.
18 – 5½		Clear
28 – 5½		"

Ther.	Thursday 3	Wea.
20 – 5½		clear
30 – ½		"
28 – 5½		"

Ther.	FRI. DEC. 4, 1896	Wea.
20-6		Clear
43-12		"
44-5½		"

Ther.	SATURDAY 5	Wea.
31-5½		Clear
50-12		"
48-5½		"

Ther. SUN. DEC. 6, 1896 Wea.

43-5½ Clear
52-5 Broken Clouds
Mills family & self up at Hillcrest.
N.B. Many roots of poplar near the surface —
Oak retains foliage after other trees are bare

Ther. MONDAY 7 Wea.

40-5½ Overcast
56-5¼ Broken Clouds
A pleasant evening

Ther.	Tues. Dec. 8, 1896	Wea.
46-6		Rain
50-12		"
52-5½		"

Ther.	Wednesday 9	Wea.
44-5½		Clear
46-12		"
46-7		"

Ther. THURS. DEC. 10, 1896 Wea.

38 - 5 3/4 Clear
56 - 2 1/2 "
Burning Leaves
50 - 7 1/2 "

Ther. FRIDAY 11 Wea.

50 - 12 Clear
50 - 8 "

Ther.	Sat. Dec. 12, 1896	Wea.
32 - 53/4		Clear
56 - 12		"
58 - 5 1/2		Overcast

Ther.	Sunday 13	Wea.
50 - 6		Clear
58 - 12		Floating Clouds
56 - 5 1/2		" "

Ther. MON. DEC. 14, 1896 Wea.

44 - 5 1/2 Overcast-
- 6 1/2 Rain
46 - 12 Cloudy
48 - 5 "

Ther. TUESDAY 15 Wea.

Cloudy
42 - 1 3/4 Cloudy
38 - 5 1/4 "

Ther. WED. DEC. 16, 1896 Wea.

33 - 5 3/4 Cloudy
Slight Sprinkle of
Snow last night
32 - 5 3/4 Clear

Ther. THURSDAY 17 Wea.

26 - 5 1/2 Clear
42 - 5 1/2 Clear
N. F. Came 2,10 Trains

ea.

Ther. FRI. DEC. 18, 1896 Wea.

42-6 damp Cloudy
44-12 " "
40- 5¼ "

ea.

3 Ther. SATURDAY 19 Wea.

28- 5½ Clear
32-5½ Overcast

Ther.	Sun. Dec. 20, 1896	Wea.
30 - 6		Cloudy
38 - 12		Clear
57 - 5 1/4		"

Ther.	Monday 21	Wea.
30 - 6		Clear
33 - 5 1/2		Overcast
Spitting Snow		at Midday

ea. Ther. TUES. DEC. 22, 1896 Wea.

7 30-6 Overcast
40-5 " "
A beautiful Sunset

Vea. Ther. WEDNESDAY 23 Wea.

36-6 Overcast
ast 39-5½ "
day Mr J. Russell Sr. died
Last night

Ther. THURS. DEC. 24, 1896 Wea.

22-6 Clear
26-12 "
25-3 1/2 "

Mrs & Rly attended
Mr Rs. funeral This
Evening

Ther. FRIDAY 25 Wea.

12-6 Clear
30-2 "
28-6

ea. Ther. SAT. DEC. 26, 1896 Wea.

20 - 5 - 3/4 Clear
40 - 12 Overcast
38 - 6 "

ea. Ther. SUNDAY 27 Wea.

32 - 6 Overcast
40 - 12 Clear
30 - 9 "

Ther. MON. DEC. 28, 1896 Wea.

20 - 5 1/2 Clear
37 - 7 "

Ther. TUESDAY 29 Wea.

30 - 6 Clear
48 - 12 Overcast
46 - 5 1/4 4

Mr Barrett dined with us - Leaves for Ireland at 4 am. tomorrow

Ther. WED. DEC. 30, 1896 Wea.

39-6 drizzly. Night Rain
54-5 Overcast

Ther. THURSDAY 31 Wea.

46-6 Clear
52-51/2 Overcast-
At Bellefont and on
Hood with Schuyk

Nut coal from Hayman
#2 pr Load 33⅓ Bush
Country Lump #5.75 pr 100 Bu
Sept 2 Rec 33⅓ B Nut

Godey To Hannah Nor

MEMORANDA

Blank Page(s)

CASH ACCOUNT. JANUARY.

Date.		Received.		Paid.	
1	On Hand	27	00		
1	Books				50
1	Papers				10
2	Lumber C			1	00
4	Butter				50
4	Job.				16
7	Medicine				25
	Coal			7	67
	Medicine				50
	Sardines				25
	26				25
	Kindling				50
8	B Check 2 $1.50			1	00
	Chimneys				15
9	Sugar			2	00
	Coffee				90
	Beans				50
	Candy				10
	Sum to Jan.				
	1, 1867			1	00

Memorandum. 28 Meat .25
29 Check 2.50
Butter

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
10	Meat		40
	Do	1 40	
11	Meat & Butter		80
	Fruit		18
	Paper & Tissue		13
13	Meat		35
	Rubbers		25
	Paper		03
13	Mary	5 00	
14	Can (Lard)		25
	Pins & Glass		15
15	Envelopes		25
	Cattle Spray		50
18	Reading Notice		
	Borrowed		50
20	Roof Paper &c		75
21	Trash Chocolate &c		90
23	Meat - Rubbers		90
24	A. Phys + H		1 00
27	Plaster		25
28	Miller	5 00	

SOME VERY RICH MEN.

[Chicago Inter Ocean.]

Here are the names of some very rich people and a conservative estimate of what they are really worth to-day:

The Astor estate	$200,000,000
John D. Rockefeller	175,000,000
The Rhinelander estate	100,000,000
Cornelius Vanderbilt	80,000,000
The Goelet family	75,000,000
The Gould estate	75,000,000
William Rockefeller	75,000,000
Russell Sage	75,000,000
The Belmont family	50,000,000
D. O. Mills	50,000,000
Henry M. Flagler	50,000,000
Leland Stanford estate	50,000,000
Henry Hilton	40,000,000
Mrs. Hetty Green	40,000,000
C. P. Huntington	40,000,000
John H. Flagler	35,000,000
Andrew Carnegie	35,000,000
John W. Mackay	25,000,000
James Gordon Bennett	20,000,000
Henry Hart	20,000,000
Eugene Higgins	20,000,000
William Sloane	20,000,000
Levi P. Morton	15,000,000
Joseph Pulitzer	15,000,000
Joseph E. Brown, of Georgia	12,000,000
Seward Webb	10,000,000
William C. Whitney	10,000,000
Austin Corbin	10,000,000
Henry B. Payne, of Ohio	10,000,000
Hearst estate	10,000,000
George Ehret	7,000,000
William R. Grace	5,000,000
Addison Cammack	5,000,000
Don Cameron	5,000,000
Mrs. Paran Stevens	4,000,000
Thos. W. Palmer, of Michigan	4,000,000
Oswald Ottendorfer	3,000,000
Jesse Seligman	3,000,000
John D. Crimmins	3,000,000
James R. Keene	2,000,000
Elbridge T. Gerry	2,000,000
Henry Villard	2,000,000
John Sherman, of Ohio	2,000,000
Eugene Hale, of Maine	1,750,000
William M. Stewart, of Nevada	1,500,000
Randall L. Gibson, of Louisiana	1,400,000
John P. Jones, of Nevada	1,250,000
John R. McPherson, of New Jersey	1,200,000
James R. Eustis, of Louisiana	1,000,000

Loose Item(s)

STATEMENT OF ACCOUNT.

☞ In case of error return this Statement for correction.

Ashland, Ky., Nov. 5th, 1897

Mrs. Hilton

To **W. C. DEIDERICH**, Dr.,

—Dealer in—

STAPLE AND FANCY GROCERIES,

No. 307 West Winchester Avenue.

	Potatoes	75
	Meal	25
	Feed	25
		1.25
23	flour	100
	Tea	60
	Cheese	50
24	Turkey 7c	1 25
27	Coffee 50 Lunch	60
	Chocolate	80
30	Macaroni 15	15
Dec 3	Rice 25	25
4	Lemons	10
8	Pota 53 mol 25	1 20
	Lard 50 soap 40	1.00
	Fish 45	45
		7 40
18	Sugar	2 00
	Meal	50
	Coffee	50
	1.25	
	7.40	10 40

Loose Item(s)

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
Jan 30	Onions		85
Feb 1	Honey 15 lbs		1 87½
	Matches		15
	Glasses		50
	Post-to Mar 1st		25
	Meat		30
3	Tea		40
7	Milk	10 00	
	Meat		35
	Soap & Bread		30
8	Mr 1		1 00
	Build ass		5 40
9	Fruit		10
11	Tea		1 05
12	Molasses		60
13	Mr - (Pills)	2 00	50
	Mince		10
15	Meat		35
18	Job. 26 - Meat - 70		65
19	Coffin		40
20	Sausage - Candy		35

CASH ACCOUNT. FEBRUARY.

aid.	Date.		Received.	Paid.
85	21	Abbie		20
87½	24	Meat		30
15	25	C. Tartar		30
50	29	Meat		40
25		Key		05
30				
40				
35				
30				
00				
40				
10				
05				
60				
50				
10				
35				
65				
40				
35				

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
4	Cabbage &c		13
"	Meat		25
6	Peas		20
	Lunches		15
9	Build Ass	15 00	5 40
9	Meat-Bier		1 90
9	Dredneck		2 95
9	Pills		50
10	Bismuth		20
11	Stamps		
	Cash Lent		5 00
11	Meat		40
11	Cash of M. F	5 00	
13	" J. W. F.	5 00	
13	Stamps Cash		
	Lent		5 00
	Cocoa		25
14	Meal		50
	Ginger		35
14	Milton Cash	5 00	
	W Flye "		5 00

CASH ACCOUNT. MARCH.

Paid.	Date.		Received.	Paid.
13	14	Garden Seeds		15
25	16	Meat		15
20	18	Cigar		05
15	18	Beans		10
40		Baptist		50
90		" 24		2 60
95	24	Surveying	1 00	
50	25	Sample Books		15
20	27	Meat &c		15
	"	Oil		1 40
00		Seeds		85
40		Extract		10
	30	Oysters		18
		Wheel. Book		50
		Tobo.		10
00		Saw		25
25				
50				
35				
00				

CASH ACCOUNT. APRIL.

Date.		Received.		Paid.		D
2	Box Rent 2 mo				50	
2	Oysters				10	
6	Meat				25	
6	Abstract Co	2	50	2	50	
6	Kaufman			1	00	
8	Bill Reed				25	
"	Grass Rud				25	
"	Cigars				05	
9	Stevens Cobb	8	00			
	Work to Bar	2	00			
	Geo Ballou	10	00			
9	Meat				35	
10	Bananas				15	
	Lumber			1	50	
13	Sugar & Mol			2	50	
13	Meat				20	
14	Fish				35	
"	Matches & Lard				30	
15	Meat				25	
	Ploughing			2	50	
				10	57	

CASH ACCOUNT. APRIL.

aid.		Date.		Received.		Paid.	
	50	16	Florist			10	57 05
	17	16	W. Hoyt			10	00
	85		Iron Wks Bond	15	00		
	50	18	B. A. Notes			50	00
	00	"	B A Dues			5	00
	25	"	Beer				05
	25	"	H	40	00		
	05	19	Prague Bill			5	70
		21	Butcher			1	65
		21	Meat				40
		21	Merchant			3	20
	35	21	Heyman			4	00
	15	21	Diederich			9	75
	50	22	H				50
	50	23	B Church			6	00
	20	"	Mannin			1	50
	35	"	Hat			1	00
	30	"	Crash & Cyc				55
	25	24	H	10	00		
	50	25	Coff. & Sch & Soap			1	25
		27	H	65	00		50
	57		109.43 3.75 113.18			109	43

Apr 29 Meat 1.35
Beans & Butter 85
Loaves & Shipper 1.50
Tea & Sugar .45

CASH ACCOUNT. MAY.

Date.		Received.	Paid.
2	6. Compound		1 00
"	Chocolate		35
"	Saw		25
"	Shoe Strings		05
5	Meat		15
	Picture Hooks		20
7	Paint & Brush		65
7	Smanch		3 70
7	Hammer		1 15
7	H	10.00	
11	Mrs to Aug 1896		2 00
11	Beef		30
11	Build. Ass		5 00
19	Tea & Meat		75
	Seeds		10
19	Barbir		25
23	Peas &c		
	Miller Bill 33		8 40
23	Env. & Stamps		15
			24 45

CASH ACCOUNT. MAY.

d.	Date.		Received.	Paid.
00	26	Meat		1 00
35		Soda		10
25		Lab		10
05	27	"	30 00	
15				
20				
65				
70				
15				
02				
30				
00				
75				
10				
25				
40				
15				
45				

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
1	Dividend		7 20
2	Pot Plants		45
2	Stamm 40/100	Paid	
6	Celery Comp		1 00
6	C. Sarlan		20
10	Sugar		2 00
10	Meat		35
13	Build. Ass.		5 00
	Dentist		50
17	Paid Stamm in full		50
18	Lob & H.		35
18	Lodge		05
19	" Paper		08
29	File, Reds &c		25

CASH ACCOUNT. JUNE.

id.	Date.		Received.	Paid.
20				
45				
00				
20				
00				
35				
00				
50				
50				
35				
05				
08				
25				

CASH ACCOUNT. JULY.

Date.		Received.		Paid.	
2	Paysen	10	00		
2	Almencc				25
3	Simons				20
3	Fire Crackers				10
	Medicine				45
	P.O. Box				25
	Spittoon				10
6	Salt "				15
9	Preacher			5	00
	On Dispensary			3	00
9	N. Bank Div.	17	00		
13	Meat Sythe				95
13	Build. Acc.			5	00
15	Hat + Job.				30
18	Paysen			10	00
"	Shirts			1	75
"	Drug Store			2	00
"	Gargling oil				25
"	~~Paysen Check~~				
	Medicine			8	78

CASH ACCOUNT. JULY.

Date.		Received.	Paid.
22	Druggist		95
24	Oil		1 40
	Nuts, Squash		10
	Grass seed		10
	Poages Bill		5 91
	Butcher		80
28	Butcher		15
	Blacking		25
	Pepper + Soap		15
28	McLinsky 6/2		6 50
29	Coal		50
31	Meat		20
	Tob Uncle Wash		50
	Ticket to Maysville		2 60
	Uncle Wash Bills		7 00

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.	Da
1	Spirit-		50	2
2	Serpentaria		2 75	
3	Fare to Brashears		2 60	2
6	Mrs Ray		2 00	
6	The Girls		5 00	2
7	Lunch		70	
"	Ticket		2 40	3
10	Paper & Pencil		15	
10	Build Ass.		5 00	
13	Meat-		20	
14	Liverkey 1 Dz		1 00	
15	Meat-		20	
"	Seeds &c		15	
17	J M. Dyer	5 00		
19	Sugar		2 00	
"	Lemons		25	
20	Sugar		25	
21	Meat-		35	
	"		50	
23	Stamps		20	

CASH ACCOUNT. AUGUST.

aid.	Date.		Received.	Paid.
50	24	Drugs Meat		85
75		Kindlings		25
60	27	H Transcript	30.00	55
00		Cyr		05
00	29	Frederick		14 34
70		Meat		40
40	31	Hyman		2 00
15		Lyd		25
00				
20				
00				
20				
15				
00				
25				
25				
35				
50				
20				

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.
2	Meat		15
5	"		50
"	Bicycle		2 00
7	Sugar-Crackers		2 25
7	Bread Rolls	15 00	
"	" "		5 02
"	Hat + Drugs		1 80
"	"		20
"	Meat		20
"	Ink + Medicine		50
"	Post		25
"	Mrs Crawford 1/2 D.		1 50
9	Bucket &c		30
10	Mustard		20
10	Meat		1 20
11	Oil		1 40
12	Meat		25
"	Mop		25
16	Lunacy 1/2 Day		50
17	C Compound		1 00
	Wicks		05

CASH ACCOUNT. SEPTEMBER.

id.	Date.		Received.	Paid.
15	18	Towels		50
50	"	Medicine ~~Oil~~		25
00	"	Cocoa		20
25	19	Peanuts		15
		Meal & Soap		60
02		Cream Tartar		25
80	21	Paint		25
20		H	5 00	
20		J. McDyer	5 00	
50	23	Steak		20
25		Paint		25
50	26	N. Iron Wk Boat	15 00	
30	"	News to Jan 7/97		2 00
20	"	Cream		05
20	30	Carpet		7 40
40	"	Plates		50
25	"	Job & Rhubarb		15
25	"	Coffee		1 00
50	"	Sacks		05
00				
05				

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
1	H	3,00	
3	Meat & Potatoes		55
	P.O.		25
3	Build Ass.		5 00
5	Apples		25
6	Fares (Town)	H	50 60
		Daly	25 70
6	Do State & Co	Daly	24 55
	" "	H.	43 60
	Tob & Pepsin		55
6	D A C & J	164,50	
7	Spices & Tea		1 25
7	Past		25
8	H		35
8	Meat		20
9	Crackers &c		30
10	Meat Celery		25
10	Mowing Do		50
	Glasses &		1 25
12	Mrs Maitre		1 00
	Meat		30

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
13	Chicken feed		3 60
14	Apples		60
15	Meat		20
16	Cr. Tartar		30
17	Meat & Celery		30
18	Sgmnd Milk		10
19	Hostettins		85
20	Cocoa		20
	Thread &c		15
22	Putty		20
23	Sugar		2 00
26	Lime		25
26	Build Asst	2 00	5 00
	Oats		30
29	Meat		10
4	Job		10
"	Bitters		85
"	Mundozza	Apples 50	1 75
"	H		2 00
"	Plastering		1 00
31	Meat & Milk		35
	H		1 00

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
2	Meat		25
	Nuts		50
4	Mrs Ins.		25 00
4	Davidson		10,00
4	Bond in Bank	500 00	
4	Check out	50 00	
5	Check to Mrs		
5	Mr Mountmotte	350 00	350 00
5	Coffee		1 00
5	Glass 10x14		25
6	" 10 x 15		25
6	Oil		1 35
6	Chapter Dues		3 00
6"	Meat Lard		95
6	Potatoes		1 00
6	Rec° Note for	350,00	
of Mrs Mount. + Mortgage			
	Mat-		1 40
9	Paint		1 35
9	Brais &c		80

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
10	Davidson in full		51 00
	Check	51 00	
11	Meat		50
	Nails		20
13	Coal		25
14	Meat		20
	Oil cloth		35
	Oil & Chimneys		1 20
	Medicine		25
	Of H	35.00	
	Soda &c		35
21	Meat		20
24	Mrs Ins		4 25
	Lumber		4 80
	Nails &c		25
26	Hyman, Coal		20 00
	Matches		20
30	Tithes		25
	Build Ass.		5 00
	Bank	24 00	
	Error		05

CASH ACCOUNT. DECEMBER.

Date.		Received.	Paid.
1	Diedrich		5 60
1	Medicine		75
1	Meat		20
1	Uncle Nag		50
7	Bingham		20
7	Ob		30
8	Meat		20
14	Meat & Nails		40
15	Coffee - Candy		1 05
"	Pants & Socks		4 00
"	Bank	25,00	
16	Towels		30
	Coffee		25
17	Fish		25
18	Knife		85
18	Watch Chain		10
"	Brass Sink		10
"	Cr. Tartar		25
19	Lamps & Comb		40
"	Casting		10
"	Meat		20

CASH ACCOUNT. DECEMBER.

aid.	Date.		Received.	Paid.
60	21	Forge		20
75		Brooms & Tobacco		30
20		96		3 00
50	23	J McDya	5 00	
20		Cigar		05
30		Oil		135
20	24	Meat		60
40	"	Mr Barnett		5 00
05	25	Christmas		30
00	28	Meat		20
		Drill		15
30		24		25
25	29	Oysters &c		70
25	31	Meat		25
85				
10		Jan 1-97		
10	3	-6	Overcoat	
25		Oysters &c		40
40	4	Salt		05
10		P.O. Box		25
20	4	Meat		55

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.					
FEB.					
MAR.					
APR.					
MAY.					
JUNE.					
JULY.					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					

BILLS PAYABLE. JANUARY. 97

Date.	Name.	Dolls.	Cts.
1	37-6 and Overcast		
	5-4-6 "		
2	49-6 Clear		
	60-12 light Clouds		
3	47-6 Overcast		
	Jan '97		
4	H by Cash	15	00
	Vapsie XX	4	00
5	C Tartan & Candy		30
6	Meal		25
	RECEIVABLE.		
7	Cigar		05
8	Meal		

BILLS PAYABLE. FEBRUARY.

Date.	Name.	Dolls.	Cts.
29	[illegible]	1	[illegible]

RECEIVABLE.

BILLS PAYABLE. MARCH.

Cts.	Date.	Name.	Dolls.	Cts.
00	2	[illegible]	1	70

RECEIVABLE.

BILLS PAYABLE. APRIL.

Date.	Name.	Dolls.	Cts.

Blank Page(s)

RECEIVABLE.

Cts.

BILLS PAYABLE. MAY.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

July

BILLS PAYABLE. DECEMBER.

Date.	Name.	Dolls.	Cts.
14	M Sussk Reg Terme	3	00
14	1 Day,		50
15	Till 4 PM		
17	1 Day		

RECEIVABLE.

MEMORANDA.

Date.		Dolls.	Cts.
Jan 21	Money Order Mon F	3	00
	2d Stamps "		50
	Cash (Stamps)		60
	Postage		
	1 F Gold = 602.79	9.21	
	1 F Silver = 37.70	4.84	
	or 1 to 15.99 nearly		
	The above true Value		
	Heyman		
Sept 24th	Lump Coal	40	Bulk
" 25	" "	40	"
" 26	" "	40	"
" 26	" "	40	"
Oct 2	" "	50	"
" 2	" "	40	"
Nov 20		80	
		330	
		5 12	
		165	
		165	
		18.15	

MEMORANDA.

Date.		Dolls.	Cts.
	N. J. Bowers Inst.	500	00
	Mar 1st & Aug 21st	15	00
	Build. Ass'd	5 Shrs	
	March & Sept		
	Paid news to Apr 2-96		
	Hobbs & Parsons		
	Kidney Pills		
1895	Baptist Church		
July 17		3	00
Dec 24		3	00
Apr 23-96		6	00

ADDRESSES.

NAME. Nunnis Nat. Banks

STREET, No. Circular No 20 - 25 Stamps

CITY. Boston Mass

NAME. Peter Hussey

STREET, No. 2808 W. 6th St

CITY. Cin. Ohio

NAME. F. A. Hussey 4 24.00

STREET, No.

CITY. Topsham Maine

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME. 18th Butler Co

STREET, No. 1880 Ass

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

ADDRESSES.

NAME.

STREET, NO.

CITY.

NAME.

STREET, NO.

CITY.

NAME.

STREET, NO.

CITY.

NAME.

STREET

CITY.

NAME.

STREET, NO.

CITY.

NAME.

STREET, NO.

CITY.

NAME.

STREET, NO.

CITY.

Blank Page(s)

ADDRESSES.

NAME. 1 Pt Peas 60' Drill

STREET, No. Cucumbers 1/2 50 hills

CITY. Corn 1 Pt plants 150 ft

NAME. Cabbage 1/2 - 200 Plants

STREET, No. Peas 1 Pt plants 1 to 200 ft Rows

CITY. Beet 1 oz = 100 ft

NAME. Parsnips 1/2 = 200 ft

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

Seeds to be Tried

CALLS.

Rec'd.	NAME.	Returned.
	Country Gentleman Corn	✓ 1 Qt
	Mammoth Sugar Pea	1 Qt
	Onion Large Red Wethersfield	
	Improved Guernsey Ruta Baga	
	Parsnip	
	Burpee Bush Lima	1/2 Pt
	Lazy Wife Pole	1/2 "
	King of Garden Lima	1/2 "
	Ball Hard Extra Early Beet	
	Dewings Imp. Blood Turnip	
	All Seasons Cabbage	
	Country Gentleman Corn	
	Imp. Early Green Cucumber	
	Bloomsdale Parsnip (Best)	
	Scotch Kale	

CALLS.

Rec'd.	Name.	Returned.

Blank Page(s)

April LETTERS.

Rec'd.	Name.	Answered.
3	Planted Onion Sets	
4	Sowed Mamoth Peas	
6	" T. R. Parsnip	
8	3 Rows Egypt Beets	
10	Sowed Lettuce Outside	
13	" Kale	"
13	" 2 Rows Long Dutch Parsnip	
14	Transplanted Tomato into Bed — Sowed Celery in Box	
Dec 7	~~Apple Hyp Rec'd~~	

LETTERS.

Rec'd.	Name.	Answered.
Dec 7	Miss Hoyt Rec'd	

LETTERS.

Rec'd.	Name.	Answered.
July 18	Mr Flye Check	400.00
	Mary to Have	100.00
	Abby " "	100.00
	H " "	200.00
Nov 15		450.00
	wrote to Mr Flye	

LETTERS.

Rec'd.	Name.	Answered.
	U.S. Exp. Manufactures Sept '96 = $ 21.684.784 Dolls Largest ever known An increase in Manufactures for the last 5 years	

Rec'd.	NAME.	Answered
	Peas,	Sept 6
	Bliss Everbearing (Late)	2 "
	Pride of Market "	2 "
	Telephone Early	4½ "
	Stratagem "	2 "
	Raised no 95	
1	Home seed	
2	Early Blood Improved	
3	Bastians Early Blood	
	1 oz rows 100 ft	
	One Tea Spoon Essence peppermint upon each meal	

Bulls Blood in 96
Egyptians
Bastians Early Blood
Early Blood
Drivings Early Blood
Peas
Marrowfat
Champion England

1 m Gold = 3.685.9 lbs.
1 m Silver = 58.686 ±

1 L. Gold = $602,799.21 =
1 " Silver = $ 37,704.84 = } = 16 to 1 ±

Values of oz of silver

Commercial 1 oz .70 cts

Coin 129/+

Profit 59/+ cts

Build ASO 1896

July 13 " " 59/100

Aug 10 " "

Sept 7 " "

Oct 5 " "

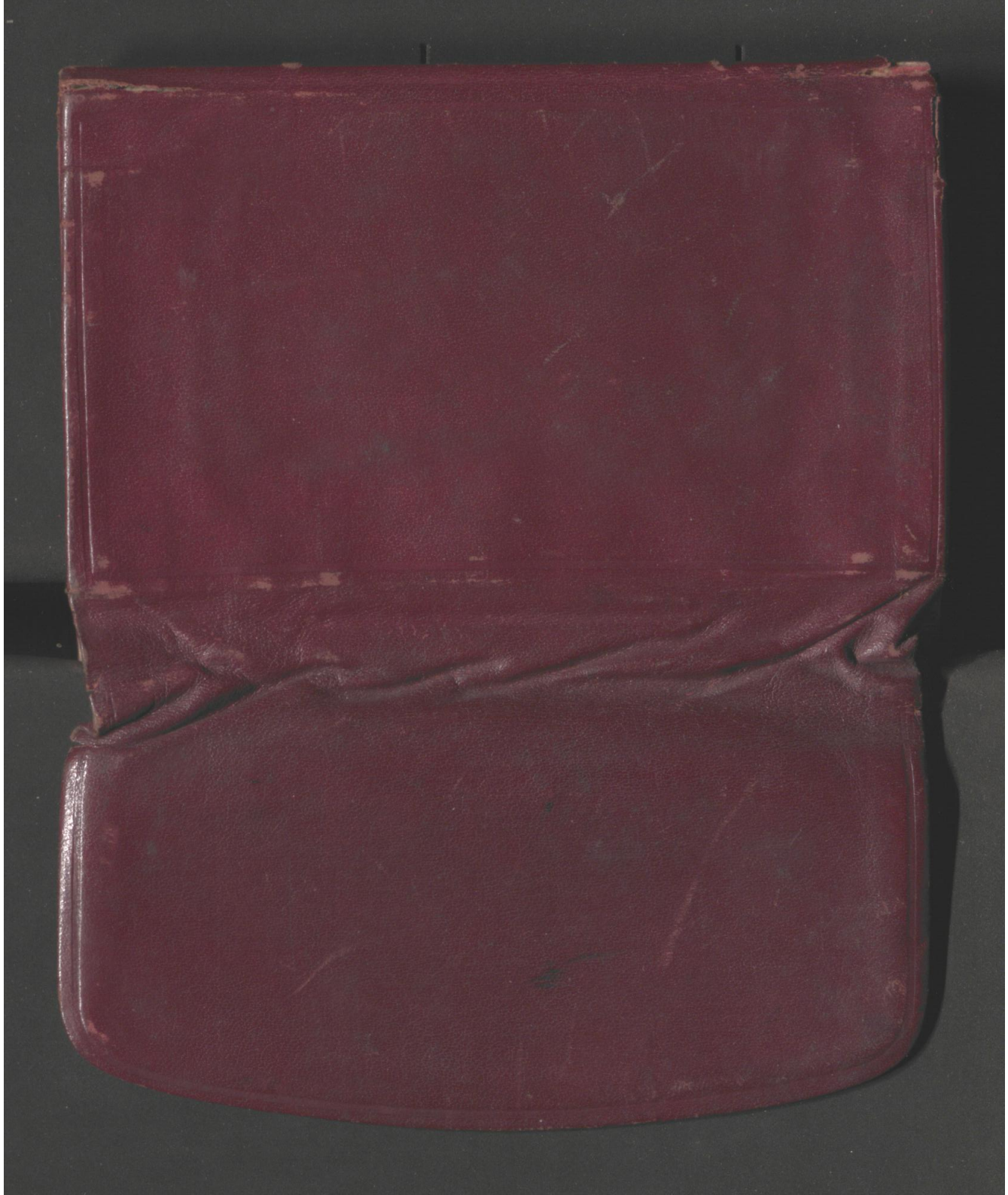
Nov 2 " "

" 30 " "

Dec 28 " "

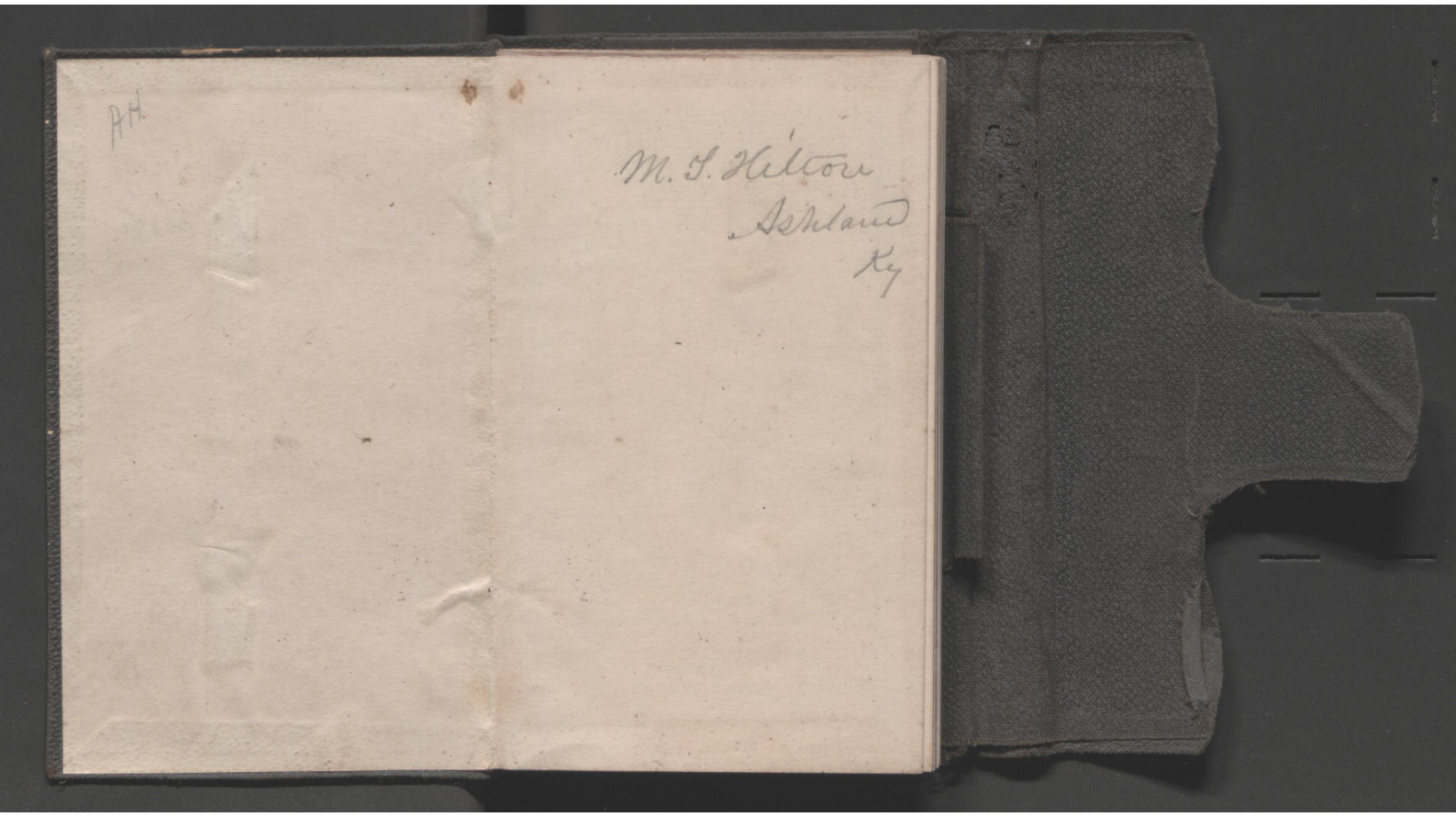
Norton Bros W^ks Bond
No 79 for 5000 Pcs

6.15
2 95
9.10
5 70
14.80
3
1780




STANDARD
NO.
181
DIARY




AH
M. S. Hilton
Ashland
Ky

THE STANDARD DIARY



PUBLISHED
FOR THE TRADE

M. S. Hilton
Ashland
Ky

CALENDAR.

1897.

JAN.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	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	..	..	..	..	..	..

FEB.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	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	..	..	..	..	..	..

MAR.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	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	..	..	..

APRIL.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	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	..

MAY.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	..	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	..	..	..	..	..

JUNE.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	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	..	..	..

JULY.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	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
	..	..	..	..	..	..	..

AUG.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	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	..	..	..	..

SEPT.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	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	..	..

OCT.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	..	..	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	..	..	..	..	..	..

NOV.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	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	..	..	..	..

DEC.	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	..	..	..	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	..

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4	In.	make	1 Hand.	3	Feet	make	1 Yard.
7.92	In.	"	1 Link.	5½	Yds.	"	1 Rod or Pole
18	In.	"	1 Cubit.	40	Poles	"	1 Furlong.
12	In.	"	1 Foot.	8	Fur.	"	1 Mile.
6	Ft.	"	1 Fathom.	69 1-6 Miles make 1 Degree.			

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144	Square Inches	make	1 Square Foot.
9	Square Feet	"	1 Square Yard.
30¼	Square Yards	"	1 Rod, Perch or Pole.
40	Square Rods	"	1 Square Rood.
4	Square Roods	"	1 Square Acre.
10	Square Chains	"	1 Square Acre.
640	Square Acres	"	1 Square Mile.

Gunter's Chain equal to 22 Yards or 100 Links.
272¼ Square Feet make 1 Square Rod.
43,560 Square Feet " 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches make 1 Cubic Foot.
27 Cubic Feet " 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32	Grains	make	1 Drachm (dr.)	or	27 11/32	Grains.
16	Drachms	"	1 Ounce (oz.)	or	437½	"
16	Ounces	"	1 Pound (lb.)	or	7000	"
28	Pounds	"	1 Quarter (qr.)			
4	Quarters	"	1 Hundred-Weight (cwt.)			
20	Cwts.	"	1 Ton.			
2240	Pounds	"	1 Ton.			

TROY WEIGHT.

24	Grains	make	1 Pennyweight,	or	24 Grains.
20	Pennywts.	"	1 Ounce,	or	480 "
12	Ounces	"	1 Pound,	or	5760 "

APOTHECARIES' WEIGHT.

20	Grains	make	1 Scruple.	8	Drachms	make	1 Ounce.
3	Scruples	"	1 Drachm.	12	Ounces	"	1 Pound.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire.	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

INTEREST LAWS OF ALL THE STATES.

States and Territories.	Penalty of Usury.	Rate.	Special.
Alabama	Forfeiture of all interest (a)	8	8 per ct.
Arkansas	Forfeiture of principal & int. (a)	6	10 per ct.
California	None (b)	7	No limit.
Colorado	None (a) (e)	8	No limit.
Connecticut	None (b)	6	6 per ct.
Delaware	Forfeiture of contract (b)	6	6 per ct.
District of Col.	Forfeiture of entire interest (b).	6	10 per ct.
Florida	Forfeiture of interest (b)	8	10 per ct.
Georgia	Forfeiture of all interest (b)	7	8 per ct.
Idaho	(c) (b)	10	18 per ct.
Illinois	Forfeiture of entire interest (b).	5	7 per ct.
Indiana	Forfeiture of excess of int. (a)	6	8 per ct.
Iowa	Forfeiture of int. & costs (f) (g)	6	8 per ct.
Kansas	Forfeiture of excess of int. (a)	6	10 per ct.
Kentucky	Forfeiture of interest (a)	6	6 per ct.
Louisiana	Forfeiture of interest (b)	5	8 per ct.
Maine	None (a)	6	No limit.
Maryland	Forfeiture of excess of int. (a)	6	6 per ct.
Massachusetts	None (a)	6	No limit.
Michigan	Forfeiture of interest (a)	6	8 per ct.
Minnesota	Forfeiture of principal (a)	7	10 per ct.
Mississippi	Forfeiture of interest (a)	6	10 per ct.
Missouri	Forfeiture of entire interest	6	8 per ct.
Montana	None (a)	10	No limit.
Nebraska	Forfeiture of interest (a)	7	10 per ct.
Nevada	None (b)	10	No limit.
New Hampshire	Forfeit. of one-half principal (a)	6	6 per ct.
New Jersey	Forfeit. of entire int. & costs (b)	6	6 per ct.
New York	(d) (b)	6	6 per ct.
North Carolina.	Forfeiture of interest (a)	6	8 per ct.
North Dakota	Forfeiture of contract (a)	7	12 per ct.
Ohio	Forfeiture of excess (a)	6	8 per ct.
Oregon	Forfeiture of principal & int. (b)	8	10 per ct.
Pennsylvania	Forfeiture of excess of int. (a)	6	6 per ct.
Rhode Island	None (a)	6	No limit.
South Carolina.	Forfeiture of interest (a)	7	10 per ct.
South Dakota	Forfeiture of int. & principal (a)	7	12 per ct.
Tennessee	Forfeiture of excess of int. (b)	6	6 per ct.
Texas	Forfeiture of entire interest (a).	8	10 per ct.
Utah	None (b)	8	No limit.
Vermont	Forfeiture of interest (b)	6	6 per ct.
Virginia	Forfeit. of exc's over 6 per ct. (b)	6	6 per ct.
Washington	None (a)	10	No limit.
West Virginia	Forfeiture of excess of int. (a)	6	6 per ct.
Wisconsin	Forfeiture of entire interest (b)	6	10 per ct.

(a) Grace. (b) No Grace. (c) Loss of interest by tender; 10 per cent. from borrower for school fund. (d) Contract void; punishable as misdemeanor. (e) Three days on notes and bills of exchange. (f) Defendant also forfeits 10 per cent. a year to school fund. (g) No statute or decision; grace allowed by custom of banks in most cities.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

	Minutes.
Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich.	— 28
Toledo, Ohio.	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.	0
Salt Lake City, Utah,	+ 28

Pacific Standard.

120° Longitude.

Sacramento, Cal.	+ 6
San Francisco, Cal.	+ 10

HELP! In case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty Lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with Cooking Soda and lay wet cloths over it. Whites of Eggs and Olive Oil. Olive or Linseed Oil, plain, or mixed with Chalk or Whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade, and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects Stings, &c. Apply weak Ammonia, Oil, Salt Water, or Iodine.

Fainting. Place flat on back; allow fresh air, and sprinkle with water.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

Cinders in the Eye. Roll soft paper up like a lamp lighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger. Drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa.*

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC, OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis). — Soap-suds, Magnesia, Lime-water.

Prussic Acid. — Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. HARTSHORN. AMMONIA. — Vinegar or Lemon juice in water.

Arsenic. RAT POISON. PARIS GREEN. — Milk, raw Eggs, Sweet Oil, Lime-water, Flour & water.

Bug Poison. LEAD. SALTPETRE. CORROSIVE SUBLIMATE. SUGAR OF LEAD. BLUE VITRIOL. — Whites of Eggs or Milk in large doses.

Chloroform. CHLORAL. ETHER. — Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.

Carbonate of Soda. COPPERAS. COBALT. — Soap-suds and mucilaginous drinks.

Iodine. ANTIMONY. TARTAR EMETIC. — Starch and water. Astringent infusions. Strong tea.

Mercury AND ITS SALTS. — Whites of Eggs. Milk. Mucilages.

Nitrate of Silver. LUNAR CAUSTIC. Salt and water.

Opium. MORPHINE. LAUDANUM. PAREGORIC. SOOTHING POWDERS or SYRUPS. — Strong coffee, hot bath. Keep awake and moving at any cost.

Strychnine. TINCT. OF NUX VOMICA. — Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.

RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States, Canada and Mexico. "Reply Postal Cards," with Card attached for paid reply, 2 cents each. Cards for foreign countries (within the Postal Union) 2 cents each.

LETTERS to all parts of the United States, Canada and Mexico, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—For publishers and news-agents only, 1 cent per pound. NEWSPAPERS and PERIODICALS (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in unsealed wrappers only (all matter enclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, which must be fully prepaid. This includes books, circulars, chromos, engravings, handbills, lithographs, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process except handwriting and the copying-press. Limit of weight 4 lbs., except for a single book which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined, 1 cent per ounce or fraction thereof. Limit of weight 4 lbs. Full prepayment compulsory,

REFORWARDING.—Letters will be forwarded from one post-office to another upon the written request of the person addressed, without additional charge; but unclaimed packages cannot be returned to the sender until stamps are furnished to pay the return postage.

REGISTRATION.—Letters or packages can be registered by adding stamps to the amount of 8 cents to the regular rate.

SPECIAL DELIVERY STAMPS, at 10 cents each, used in addition to regular rates, insures delivery immediately on arrival at office of destination. These stamps can be used for no other purpose.

MONEY ORDERS.

Under $2.50	3c.	$30 to $40	15c.
$2.50 to $5	5c.	$40 to $50	18c.
$5 to $10	8c.	$50 to $60	20c.
$10 to $20	10c.	$60 to $75	25c.
$20 to $30	12c.	$75 to $100	30c.

FOREIGN POSTAGE.—Almost all the principal countries are included in the POSTAL UNION, to which the rates are as follows: Letters per half ounce, 5 cents; second and third class matter, per 2 ounces, 1 cent; postal cards, 2 cents each.

The following are the only countries not in Postal Union, and that have special rates: Cape of Good Hope, Natal and South Africa, 10 cents per half ounce.

LEGAL HOLIDAYS.

In most of the States when the holiday falls on Sunday the Monday following is the holiday. Notes must be paid on the Saturday preceding.

ALABAMA—Jan. 1 and 19, Feb. 22, April 26, Good Friday, June 3, July 4, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, any day of thanksgiving or general election.

CALIFORNIA—Jan. 1, Feb. 22, May 30, July 4, Sept. 9, 1st Monday in Oct., Thanksgiving, Dec. 25, general election.

COLORADO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.

CONNECTICUT—Jan. 1, Feb. 22, Fast day, May 30, July 4, 1st Monday in Sept., Lincoln's day in Oct. (15), Thanksgiving, Dec. 25.

DELAWARE—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Feb. 22, April 26, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

GEORGIA—Jan. 1 and 19, Feb. 22, April 26, July 4, 1st Monday in Sept., any Thanksgiving, Dec. 25.

IDAHO—Same as Arizona. Also Friday after May 1.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Election Day, Thanksgiving, Dec. 25.

INDIANA—Jan. 1, Feb. 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

IOWA—Jan. 1, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

KANSAS—Jan. 1, May 30, public fast, July 4, 1st Monday in Sept., Arbor Day, Thanksgiving, Dec. 25, general election.

KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Thanksgiving, Dec. 25.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi Gras, Mar. 4 in New Orleans, Good Friday, July 4, Labor Day, Dec. 25, All Saints Day.

MAINE—Jan. 1, Feb. 22, May 30, public fast, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.

MARYLAND—Jan. 1, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election, every Saturday P. M.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Dec. 25, fasting and thanksgiving day.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—July 4, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Dec. 25, Thanksgiving, general election.

MONTANA—Jan. 1, Feb. 22, May 30, public fast, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.

NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 22, May 30, July 4, Oct. 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Feb. 22, Fast day, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving and Fast day, Dec. 25, every Saturday P.M., general election. Notes and drafts payable on secular or business day next succeeding each holiday.

NEW MEXICO—Jan. 1, July 4, Dec. 25, and all days for fasting and thanksgiving. Notes due on holidays are payable on the next business day thereafter.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Dec. 25, general election, every Saturday P. M., Thanksgiving, Fast day.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10 and 20, July 4, Thanksgiving, Dec. 25. Notes and drafts payable on secular or business day next succeeding each holiday

NORTH DAKOTA—Jan. 1, Feb. 22, May 30, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

OREGON—Jan. 1, Feb. 22, May 30, 1st Sat. in June, July 4, 1st Monday in Sept., public fast, Thanksgiving, Dec. 25.

PENNSYLVANIA—Jan. 1, Feb. 22, Good Friday, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25. Decoration day, general election, every Sat. P. M.

RHODE ISLAND—Feb. 22, 1st Friday in May, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

SOUTH CAROLINA—Jan. 1, Feb. 22, July 4, 1st Monday in Sept., National Thanksgiving, Dec. 25, general election.

SOUTH DAKOTA—See North Dakota.

TENNESSEE—Jan. 1, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, July 4, 1st Monday in Sept., Dec. 25, days of fasting and thanksgiving, election day.

UTAH—Jan. 1, Feb. 22, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Fast days, Dec. 25.

VERMONT—Jan. 1, Feb. 22, May 30, July 4, Aug. 16, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, Fast day, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration day, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

WEST VIRGINIA—Jan. 1, Feb. 22, July 4, Dec. 25, or a day of National thanksgiving, general election.

WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, Thanksgiving, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Arbor Day, Thanksgiving, Dec. 25, general election.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
3	THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
5	JAMES MONROE.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.
9	WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
13	MILLARD FILLMORE ..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.
16	ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
20	JAMES A. GARFIELD..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	"
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	....	New Jersey.
23	BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	4 "	....	Ohio.
24	GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	.....	....	New Jersey.

TIDE TABLE.

(The following values are derived from late determinations of the UNITED STATES COAST SURVEY.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

		H.	M.	Mean range. Feet.
EASTERN STANDARD.				
Eastport, Me.	add	2	33	18.2
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Salem, Mass.	"	2	47	9.2
Nantucket, Mass.	"	4	6	3.0
Vineyard Haven, Mass.	"	3	32	1.6
Wood's Hole, South Side, Mass.	"	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	22	3.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	32	4.7
Watch Hill, R. I.	add	0	54	2.7
Stonnington, Conn.	"	0	52	2.7
New London, Conn.	"	1	14	2.6
New Haven, Conn.	"	2	57	6.0
Throg's Neck, N. Y.	"	3	13	7.3
Cape May Landing, N. J.	"	0	14	4.8
Philadelphia, Penn.	"	5	46	6.0
Baltimore, Md.	sub.	1	23	1.3
Richmond, Va.	"	3	24	3.6
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	21	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	26	6.5
St. Augustine, Fla.	"	0	17	4.2
Key West, Fla.	add	0	54	1.2
Tampa Bay (Egmont Key), Fla.	"	2	49	1 4
Cedar Keys (Depot Key), Fla.	"	4	52	2.6

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after Jan. 1, 1896, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value.
			D. C M.
Argentine Repub.	Gold & silv.	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold & silv.	Franc	0 19 3
Bolivia	Silver	Boliviano	0 49 1
Brazil	Gold	Milreis	0 54 6
British America	Gold	Dollar	1 0 0
Cent'l Am. States	Silver	Peso	0 49 1
Chili	Gold & silv.	Peso	0 91 2
China	Silver	Tael.. Shanghai..	0 72 5
		Tael.. Haikwan.. (Customs).	0 80 8
Colombia	Silver	Peso	0 49 1
Cuba	Gold & silv.	Peso	0 92 6
Denmark	Gold	Crown	0 26 8
Ecuador	Silver	Sucre	0 49 1
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold & silv.	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6½
Greece	Gold & silv.	Drachma	0 19 3
Hayti	Gold & silv.	Gourde	0 96 5
India	Silver	Rupee	0 23 3
Italy	Gold & silv.	Lira	0 19 3
Japan	Gold & silv.	Yen Gold	0 99 7
		Yen Silver	0 52 9
Liberia	Gold	Dollar	1 0 0

VALUES OF FOREIGN COINS.

Country.	Standard.	Monetary Unit.	Value.
			D. C. M.
Mexico	Silver	Dollar	0 53 3
Netherlands	Gold & silv.	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Peru	Silver	Sol	0 49 1
Portugal	Gold	Milreis	1 8 0
Russia	Silver	Ruble { Gold	0 77 2
		Ruble { Silver	0 39 3
Spain	Gold & silv.	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold & silv.	Franc	0 19 3
Tripoli	Silver	Mahbub of 20 piast's	0 44 3
Turkey	Gold	Piaster	0 4 4
Venezuela	Gold & silv.	Bolivar	0 19 3

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 14
Quinquagesima — Shrove Sunday	Feb. 28
Ash Wednesday	Mar. 3
First Sunday in Lent	Mar. 7
St. Patrick	Mar. 17
Palm Sunday	April 11
Good Friday	April 16
Easter Sunday	April 18
Low Sunday	April 25
Rogation Sunday	May 23
Ascension Day — Holy Thursday	May 27
Pentecost — Whit Sunday	June 6
Trinity Sunday	June 13
Corpus Christi	June 17
St. John Baptist	June 24
Michælmas Day	Sept. 29
First Sunday in Advent	Nov. 28
St. Andrew	Nov. 30
Christmas Day	Dec. 25

MORNING AND EVENING STARS.

MERCURY will be Evening Star about January 6, April 28, August 26, and December 20; and Morning Star about February 15, June 15, and October 7.

VENUS will be Evening Star till April 28; and then Morning Star the rest of the year.

MARS will be Evening Star till November 21; and then Morning Star the rest of the year.

JUPITER will be Morning Star till February 23; then Evening Star till September 12; and then Morning Star again the rest of the year.

SATURN will be Morning Star till May 17; then Evening Star till November 25; and then Morning Star again the rest of the year.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 20, 3h. M.	Mar. 20, 2h. M.
Summer Solstice....	June 20, 11h. A.	June 20, 10h. A.
Autumnal Equinox..	Sept. 22, 1h. A.	Sept. 22, oh. A.
Winter Solstice.....	Dec. 21, 8h. M.	Dec. 21, 7h. M.

	Mountain Standard.	Pacific Standard.
Vernal Equinox....	Mar. 20, 1h. M.	Mar. 20, oh. M.
Summer Solstice....	June 20, 9h. A.	June 20, 8h. A.
Autumnal Equinox..	Sept. 22, 11h. M.	Sept. 22, 10h. M.
Winter Solstice.....	Dec. 21, 6h. M.	Dec. 21, 5h. M.

CHRONOLOGICAL CYCLES.

Dominical Letter	C.
Epact	26
Lunar Cycle, or Golden Number	17
Solar Cycle	2
Roman Indiction	10
Julian Period	6610

ECLIPSES FOR THE YEAR.

In the year 1897 there will be two Eclipses, both of the Sun.

I. An Annular Eclipse of the Sun, February 1. Visible to North America south of a line drawn through Boston, Memphis, and La Paz, Lower California; to South America with the exception of Patagonia; to the eastern edge of Australia and the South Pacific Ocean. The path of Annulus averaging forty miles wide, extending from the northern point of New Zealand across the Pacific Ocean, and through the north-western corner of South America. Occurring generally, as a Partial Eclipse, as follows:—

	Standard	Begins.	Ends.	Digits Eclipsed.
		H. M.		
New York...	Eastern	4 50 A.	Middle before sunset.	Slight.
Philadelphia	Eastern	4 50 A.	At sunset.	Slight.
Pittsburgh...	Eastern	Invisible.	Invisible.	
Washington .	Eastern	4 49 A.	5h. 20m. A.	Small.
Charleston...	Eastern	4 34 A.	5h. 46m. A.	2
New Orleans.	Central	3 37 A.	4h. 42m. A.	2
Galveston....	Central	3 38 A.	4h. 33m. A.	1

II. An Annular Eclipse of the Sun, July 29. Visible to North America south of the 56th parallel of latitude, to the northern half of South America, the western edge of Africa, and to portions of the Pacific and Atlantic Oceans. The path of Annulus averaging twenty-five miles wide, passing through Mexico, the West Indies, and Cape St. Roque, Brazil. Occurring generally, as a Partial Eclipse, as follows:—

	Standard.	Begins.	Ends.	Digits Eclipsed.
		H. M.	H. M.	
Boston	Eastern	8 54 M.	11 11 M.	4
New York	Eastern	8 46 M.	11 11 M.	5
Philadelphia.....	Eastern	8 43 M.	11 11 M.	5
Pittsburgh	Eastern	8 38 M.	11 3 M.	5
Washington	Eastern	8 39 M.	11 11 M.	5
Charleston.....	Eastern	8 26 M.	11 18 M.	8
Chicago	Central	7 35 M.	9 48 M.	5
Cincinnati	Central	7 31 M.	9 57 M.	6
New Orleans	Central	7 14 M.	10 1 M.	9
Galveston	Central	7 11 M.	9 53 M.	9
Denver.....	Mountain	6 22 M.	8 27 M.	6

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQ. MILES.

Pacific	80,000,000
Atlantic	40,000,000
Indian	20,000,000
Southern	10,000,000
Arctic	5,000,000



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	3d. 1h. 3m. a.m.	3d. 0h. 3m. a.m.
First Quarter, . . .	10d. 4h. 46m. p.m.	10d. 3h. 46m. p.m.
Full Moon, ...	18d. 3h. 17m. p.m.	18d. 2h. 17m. p.m.
Last Quarter, . . .	25d. 3h. 8m. p.m.	25d. 2h. 8m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r7 30	6 10	9 31	r7 25	6 3	6 30	r7 19	5 56
2	Sa	s4 40	7 12	10 33	s4 45	7 5	7 28	s4 50	6 58
3	☽	r7 30	sets.	11 25	r7 25	sets.	8 21	r7 19	sets.
4	Mo	s4 42	6 23	.....	s4 47	6 27	9 12	s4 52	6 33
5	Tu	r7 30	7 35	0 37	r7 25	7 38	9 56	r7 19	7 42
6	We	s4 44	8 43	1 20	s4 49	8 45	10 37	s4 54	8 48
7	Th	r7 29	9 48	2 2	r7 25	9 49	11 16	r7 19	9 50
8	Fr	s4 46	10 50	2 40	s4 51	10 49	11 56	s4 56	10 50
9	Sa	r7 29	11 52	3 18	r7 24	11 50	0 16	r7 19	11 49
10	☽	s4 48	morn	4 0	s4 53	morn	0 59	s4 58	morn
11	Mo	r7 28	0 54	4 46	r7 24	0 51	1 44	r7 18	0 49
12	Tu	s4 50	1 57	5 35	s4 55	1 53	2 33	s5 0	1 49
13	We	r7 28	3 0	6 30	r7 23	2 55	3 27	r7 18	2 49
14	Th	s4 53	4 3	7 28	s4 57	3 57	4 25	s5 2	3 50
15	Fr	r7 27	5 4	8 27	r7 22	4 57	5 23	r7 17	4 50
16	Sa	s4 55	5 59	9 23	s5 0	5 52	6 21	s5 4	5 45
17	☽	r7 26	6 46	10 16	r7 21	6 40	7 13	r7 16	6 33
18	Mo	s4 57	rises	11 5	s5 2	rises	7 59	s5 6	rises
19	Tu	r7 24	6 4	11 49	r7 20	6 8	8 46	r7 15	6 12
20	We	s5 0	7 16	0 11	s5 4	7 18	9 30	s5 9	7 22
21	Th	r7 23	8 29	0 54	r7 19	8 30	10 12	r7 14	8 32
22	Fr	s5 2	9 43	1 35	s5 7	9 42	10 50	s5 11	9 43
23	Sa	r7 22	10 57	2 17	r7 17	10 55	11 35	r7 13	10 54
24	☽	s5 5	morn	3 2	s5 9	morn	.....	s5 13	morn
25	Mo	r7 21	0 12	3 51	r7 16	0 9	0 49	r7 12	0 5
26	Tu	s5 7	1 29	4 49	s5 11	1 24	1 48	s5 15	1 19
27	We	r7 18	2 45	5 55	r7 14	2 39	2 53	r7 10	2 33
28	Th	s5 10	3 57	7 8	s5 14	3 50	4 5	s5 18	3 41
29	Fr	r7 16	5 1	8 19	r7 13	4 54	5 16	r7 9	4 47
30	Sa	s5 13	5 55	9 23	s5 16	5 49	6 21	s5 20	5 42
31	☽	r7 14	6 37	10 19	r7 11	6 32	7 16	r7 7	6 26



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	1d. 3h. 13m. p.m.	1d. 2h. 13m. p.m.
First Quarter, . . .	9d. 2h. 25m. p.m.	9d. 1h. 25m. p.m.
Full Moon, ...	17d. 5h. 11m. a.m.	17d. 4h. 11m. a.m.
Last Quarter, . . .	23d. 10h. 43m. p.m.	23d. 9h. 43m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 13	sets.	11 7	r7 10	sets.	8 2	r7 6	sets.
2	Tu	s5 17	6 23	11 49	s5 20	6 25	8 45	s5 24	6 29
3	We	r7 11	7 31	0 9	r7 8	7 32	9 26	r7 4	7 34
4	Th	s5 19	8 35	0 47	s5 22	8 35	10 3	s5 26	8 36
5	Fr	r7 9	9 38	1 23	r7 6	9 37	10 37	r7 2	9 36
6	Sa	s5 22	10 40	2 0	s5 25	10 37	11 13	s5 28	10 34
7	S	r7 7	11 43	2 37	r7 3	11 39	11 53	r7 0	11 35
8	Mo	s5 24	morn	3 16	s5 27	morn	0 14	s5 30	morn
9	Tu	r7 4	0 46	4 1	r7 1	0 41	1 0	r6 58	0 36
10	We	s5 27	1 49	4 52	s5 30	1 43	1 51	s5 33	1 37
11	Th	r7 1	2 51	5 52	r6 59	2 44	2 50	r6 56	2 38
12	Fr	s5 30	3 48	6 54	s5 32	3 41	3 51	s5 35	3 34
13	Sa	r6 58	4 38	7 58	r6 56	4 31	4 54	r6 53	4 24
14	S	s5 32	5 21	8 58	s5 35	5 15	5 56	s5 38	5 9
15	Mo	r6 56	5 57	9 52	r6 53	5 52	6 50	r6 51	5 47
16	Tu	s5 35	6 26	10 42	s5 37	6 22	7 37	s5 39	6 20
17	We	r6 53	rises	11 24	r6 51	rises	8 21	r6 48	rises
18	Th	s5 37	7 25	.....	s5 39	7 25	9 4	s5 42	7 26
19	Fr	r6 50	8 41	0 27	r6 48	8 40	9 46	r6 46	8 39
20	Sa	s5 40	9 58	1 9	s5 42	9 56	10 26	s5 41	9 53
21	S	r6 47	11 17	1 53	r6 45	11 13	11 11	r6 43	11 8
22	Mo	s5 42	morn	2 41	s5 44	morn	.....	s5 46	morn
23	Tu	r6 44	0 35	3 34	r6 42	0 29	0 32	r6 40	0 24
24	We	s5 45	1 49	4 37	s5 47	1 43	1 36	s5 48	1 36
25	Th	r6 41	2 55	5 50	r6 39	2 48	2 47	r6 38	2 41
26	Fr	s5 47	3 51	7 2	s5 49	3 44	3 59	s5 50	3 38
27	Sa	r6 38	4 36	8 10	r6 36	4 30	5 7	r6 35	4 24
28	S	s5 50	5 11	9 9	s5 51	5 6	6 7	s5 52	5 2
..	...	.....	.....	.....	.....	.....	.....	.....	.....
..	...	.....	.....	.....	.....	.....	.....	.....	.....
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	3d. 6h. 56m. a.m.	3d. 5h. 56m. a.m.
First Quarter, . . .	11d. 10h. 28m. a.m.	11d. 9h. 28m. a.m.
Full Moon, ...	18d. 4h. 28m. p.m.	18d. 3h. 28m. p.m.
Last Quarter, . . .	25d. 7h. 0m. a.m.	25d. 6h. 0m. a.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Mo	r6 35	5 38	9 59	r6 33	5 35	6 56	r6 32	5 32
2	Tu	s5 52	6 2	10 41	s5 53	6 0	7 37	s5 54	5 59
3	We	r6 32	sets.	11 19	r6 30	sets.	8 14	r6 29	sets.
4	Th	s5 54	7 23	11 54	s5 55	7 22	8 52	s5 57	7 22
5	Fr	r6 28	8 26	0 11	r6 27	8 24	9 28	r6 26	8 23
6	Sa	s5 57	9 29	0 47	s5 58	9 26	10 2	s5 59	9 23
7	S	r6 25	10 32	1 22	r6 24	10 28	10 37	r6 23	10 23
8	Mo	s5 59	11 35	2 1	s6 0	11 30	11 16	s6 1	11 24
9	Tu	r6 21	morn	2 42	r6 21	morn	.....	r6 20	morn
10	We	s6 1	0 37	3 27	s6 2	0 31	0 25	s6 3	0 24
11	Th	r6 18	1 35	4 21	r6 17	1 28	1 20	r6 17	1 21
12	Fr	s6 4	2 28	5 21	s6 4	2 21	2 19	s6 5	2 14
13	Sa	r6 15	3 13	6 25	r6 14	3 7	3 23	r6 14	3 0
14	S	s6 6	3 51	7 29	s6 6	3 46	4 26	s6 7	3 40
15	Mo	r6 11	4 24	8 29	r6 11	4 20	5 26	r6 11	4 16
16	Tu	s6 8	4 52	9 22	s6 9	4 48	6 20	s6 9	4 47
17	We	r6 8	5 17	10 11	r6 8	5 15	7 8	r6 8	5 15
18	Th	s6 11	rises	10 55	s6 11	rises	7 49	s6 11	rises
19	Fr	r6 4	7 36	11 38	r6 4	7 34	8 34	r6 5	7 33
20	Sa	s6 13	8 56	0 0	s6 13	8 52	9 20	s6 13	8 50
21	S	r6 1	10 17	0 45	r6 1	10 12	10 7	r6 2	10 8
22	Mo	s6 15	11 35	1 35	s6 15	11 29	10 55	s6 15	11 23
23	Tu	r5 57	morn	2 28	r5 58	morn	11 53	r5 58	morn
24	We	s6 17	0 46	3 26	s6 17	0 39	0 25	s6 16	0 31
25	Th	r5 54	1 46	4 32	r5 54	1 39	1 31	r5 55	1 32
26	Fr	s6 20	2 34	5 42	s6 19	2 28	2 40	s6 18	2 22
27	Sa	r5 50	3 12	6 49	r5 51	3 7	3 46	r5 52	3 2
28	S	s6 22	3 43	7 51	s6 21	3 39	4 47	s6 20	3 26
29	Mo	r5 47	4 8	8 42	r5 48	4 5	5 39	r5 49	4 4
30	Tu	s6 24	4 29	9 27	s6 23	4 28	6 25	s6 22	4 27
31	We	r5 43	4 49	10 8	r5 44	4 49	7 5	r5 46	4 50



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	1d. 11h. 24m. p.m.	1d. 10h. 24m. p.m.
First Quarter, . . .	10d. 3h. 27m. a.m.	10d. 2h. 27m. a.m.
Full Moon, ...	17d. 1h. 25m. a.m.	17d. 0h. 25m. a.m.
Last Quarter, . . .	23d. 4h. 48m. p.m.	23d. 3h. 48m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Th	r5 42	5 9	10 46	r5 43	5 10	7 41	r5 44	5 12
2	Fr	s6 28	sets.	11 21	s6 26	sets.	8 15	s6 25	sets.
3	Sa	r5 38	8 22	11 55	r5 39	8 18	8 53	r5 41	8 14
4	☽	s6 30	9 25	0 13	s6 28	9 20	9 31	s6 27	9 15
5	Mo	r5 35	10 27	0 52	r5 36	10 21	10 9	r5 38	10 15
6	Tu	s6 32	11 26	1 32	s6 30	11 19	10 49	s6 29	11 13
7	We	r5 31	morn	2 17	r5 33	morn	11 35	r5 35	morn
8	Th	s6 34	0 20	3 3	s6 33	0 13	0 0	s6 31	0 6
9	Fr	r5 28	1 7	3 54	r5 30	1 1	0 53	r5 32	0 54
10	Sa	s6 36	1 48	4 52	s6 35	1 42	1 51	s6 33	1 36
11	☽	r5 25	2 22	5 53	r5 27	2 17	2 51	r5 29	2 12
12	Mo	s6 39	2 50	6 54	s6 37	2 47	3 51	s6 35	2 43
13	Tu	r5 21	3 16	7 52	r5 24	3 14	4 49	r5 26	3 13
14	We	s6 41	3 40	8 45	s6 39	3 39	5 43	s6 37	3 39
15	Th	r5 18	4 4	9 37	r5 20	4 5	6 35	r5 23	4 6
16	Fr	s6 43	4 30	10 26	s6 41	4 32	7 22	s6 38	4 35
17	Sa	r5 15	rises	11 13	r5 17	rises	8 7	r5 20	rises
18	☽	s6 45	9 12	.....	s6 43	9 6	8 59	s6 40	9 0
19	Mo	r5 12	10 29	0 27	r5 14	10 23	9 52	r5 17	10 16
20	Tu	s6 48	11 36	1 23	s6 45	11 29	10 46	s6 42	11 22
21	We	r5 9	morn	2 21	r5 11	morn	11 46	r5 14	morn
22	Th	s6 50	0 30	3 18	s6 47	0 24	0 16	s6 44	0 17
23	Fr	r5 6	1 12	4 19	r5 9	1 7	1 17	r5 12	1 1
24	Sa	s6 52	1 45	5 21	s6 49	1 41	2 19	s6 46	1 37
25	☽	r5 3	2 11	6 20	r5 6	2 8	3 18	r5 9	2 6
26	Mo	s6 54	2 34	7 14	s6 51	2 32	4 11	s6 48	2 32
27	Tu	r5 0	2 55	8 4	r5 3	2 54	5 0	r5 7	2 55
28	We	s6 56	3 14	8 49	s6 53	3 15	5 46	s6 50	3 16
29	Th	r4 57	3 34	9 30	r5 0	3 36	6 28	r5 4	3 39
30	Fr	s6 59	3 56	10 11	s6 55	3 59	7 8	s6 52	4 3
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon, ...	1d. 3h. 46m. p.m.	1d. 2h. 46m. p.m.
First Quarter, . . .	9d. 4h. 37m. p.m.	9d. 3h. 37m. p.m.
Full Moon, ...	16d. 8h. 54m. a.m.	16d. 7h. 54m. a.m.
Last Quarter, . . .	23d. 4h. 34m. a.m.	23d. 3h. 34m. a.m.
New Moon, ...	31d. 7h. 25m. a.m.	31d. 6h. 25m. a.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r4 54	4 20	10 50	r4 58	4 24	7 44	r5 2	4 29
2	☽	s7 1	sets.	11 27	s6 57	sets.	8 22	s6 54	sets.
3	Mo	r4 52	9 19	.....	r4 55	9 13	9 4	r4 59	9 6
4	Tu	s7 3	10 14	0 27	s7 0	10 7	9 47	s6 56	10 0
5	We	r4 49	11 3	1 11	r4 53	10 57	10 29	r4 57	10 50
6	Th	s7 5	11 45	1 57	s7 2	11 39	11 15	s6 57	11 33
7	Fr	r4 47	morn	2 43	r4 51	morn	.....	r4 55	morn
8	Sa	s7 8	0 21	3 31	s7 4	0 16	0 29	s6 59	0 11
9	☽	r4 44	0 51	4 23	r4 48	0 47	1 22	r4 53	0 44
10	Mo	s7 10	1 17	5 19	s7 6	1 14	2 17	s7 1	1 13
11	Tu	r4 42	1 41	6 15	r4 46	1 40	3 13	r4 51	1 39
12	We	s7 12	2 5	7 12	s7 8	2 5	4 9	s7 3	2 6
13	Th	r4 40	2 29	8 9	r4 44	2 30	5 6	r4 49	2 33
14	Fr	s7 14	2 55	9 4	s7 10	2 58	6 2	s7 5	3 2
15	Sa	r4 38	3 26	9 59	r4 42	3 30	6 57	r4 47	3 36
16	☽	s7 16	rises	10 55	s7 11	rises	7 49	s7 7	rises
17	Mo	r4 36	9 15	11 49	r4 40	9 8	8 46	r4 45	9 1
18	Tu	s7 18	10 18	0 17	s7 13	10 12	9 43	s7 8	10 5
19	We	r4 34	11 7	1 13	r4 39	11 1	10 37	r4 44	10 55
20	Th	s7 20	11 44	2 9	s7 15	11 39	11 31	s7 10	11 35
21	Fr	r4 32	morn	3 2	r4 37	morn	.....	r4 42	morn
22	Sa	s7 22	0 13	3 54	s7 17	0 10	0 53	s7 12	0 7
23	☽	r4 31	0 38	4 47	r4 36	0 36	1 46	r4 41	0 35
24	Mo	s7 24	0 59	5 38	s7 19	0 58	2 36	s7 13	0 58
25	Tu	r4 29	1 19	6 28	r4 34	1 19	3 26	r4 39	1 21
26	We	s7 26	1 39	7 18	s7 20	1 41	4 14	s7 15	1 43
27	Th	r4 28	2 0	8 6	r4 33	2 3	5 2	r4 38	2 6
28	Fr	s7 27	2 24	8 51	s7 22	2 28	5 49	s7 17	2 33
29	Sa	r4 27	2 51	9 36	r4 32	2 56	6 34	r4 37	3 2
30	☽	s7 29	3 22	10 21	s7 23	3 28	7 18	s7 18	3 35
31	Mo	r4 26	sets.	11 5	r4 31	sets.	7 59	r4 36	sets.



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, . . .	8d. 2h. 2m. a.m.	8d. 1h. 2m. a.m.
Full Moon, ...	14d. 4h. 1m. p.m.	14d. 3h. 1m. p.m.
Last Quarter, . . .	21d. 6h. 24m. p.m.	21d. 5h. 24m. p.m.
New Moon, ...	29d. 9h. 55m. p.m.	29d. 8h. 55m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r4 25	9 1	11 47	r4 30	8 54	8 43	r4 36	8 48
2	We	s7 31	9 44	0 9	s7 26	9 38	9 29	s7 20	9 32
3	Th	r4 24	10 22	0 53	r4 30	10 17	10 12	r4 35	10 11
4	Fr	s7 32	10 54	1 38	s7 27	10 50	10 54	s7 21	10 46
5	Sa	r4 24	11 20	2 22	r4 29	11 17	11 39	r4 35	11 15
6	☽	s7 34	11 44	3 5	s7 28	11 42	0 3	s7 23	11 41
7	Mo	r4 23	morn	3 51	r4 29	morn	0 50	r4 34	morn
8	Tu	s7 35	0 7	4 42	s7 29	0 6	1 41	s7 24	0 7
9	We	r4 23	0 29	5 37	r4 28	0 30	2 35	r4 34	0 32
10	Th	s7 36	0 54	6 35	s7 31	0 56	3 32	s7 25	0 59
11	Fr	r4 22	1 23	7 37	r4 28	1 27	4 34	r4 34	1 31
12	Sa	s7 37	1 58	8 40	s7 31	2 3	5 38	s7 26	2 9
13	☽	r4 22	2 41	9 43	r4 28	2 47	6 41	r4 34	2 54
14	Mo	s7 38	rises	10 45	s7 32	rises	7 40	s7 27	rises
15	Tu	r4 22	8 54	11 41	r4 28	8 48	8 37	r4 34	8 42
16	We	s7 39	9 38	0 7	s7 33	9 33	9 32	s7 27	9 28
17	Th	r4 22	10 12	0 59	r4 28	10 8	10 21	r4 34	10 5
18	Fr	s7 39	10 39	1 49	s7 34	10 36	11 7	s7 28	10 35
19	Sa	r4 23	11 2	2 35	r4 28	11 1	11 54	r4 34	11 0
20	☽	s7 40	11 23	3 19	s7 34	11 23	0 17	s7 28	11 24
21	Mo	r4 23	11 43	4 3	r4 29	11 44	1 2	r4 34	11 46
22	Tu	s7 40	morn	4 50	s7 34	morn	1 48	s7 29	morn
23	We	r4 24	0 4	5 39	r4 29	0 6	2 37	r4 35	0 10
24	Th	s7 40	0 26	6 30	s7 35	0 29	3 27	s7 29	0 34
25	Fr	r4 24	0 52	7 23	r4 30	0 57	4 19	r4 36	1 2
26	Sa	s7 40	1 23	8 15	s7 35	1 28	5 12	s7 29	1 35
27	☽	r4 25	2 0	9 7	r4 31	2 6	6 5	r4 37	2 14
28	Mo	s7 40	2 45	9 58	s7 35	2 52	6 55	s7 29	2 59
29	Tu	r4 26	3 36	10 45	r4 32	3 43	7 40	r4 37	3 50
30	We	s7 40	sets.	11 30	s7 35	sets.	8 25	s7 29	sets.
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, . . .	7d. 8h. 32m. a.m.	7d. 7h. 32m. a.m.
Full Moon, ...	13d. 11h. 52m. p.m.	13d. 10h. 52m. p.m.
Last Quarter, . . .	21d. 10h. 8m. a.m.	21d. 9h. 8m. a.m.
New Moon, ...	29d. 10h. 58m. a.m.	29d. 9h. 58m. a.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r4 27	8 56	.....	r4 32	8 51	9 10	r4 38	8 47
2	Fr	s7 40	9 24	0 33	s7 34	9 21	9 52	s7 29	9 18
3	Sa	r4 28	9 48	1 15	r4 33	9 46	10 31	r4 39	9 45
4	☽	s7 39	10 11	1 57	s7 34	10 10	11 12	s7 28	10 10
5	Mo	r4 29	10 34	2 37	r4 35	10 34	11 56	r4 40	10 36
6	Tu	s7 39	10 58	3 21	s7 33	11 0	0 19	s7 28	11 3
7	We	r4 30	11 24	4 9	r4 36	11 27	1 8	r4 41	11 31
8	Th	s7 38	11 54	5 4	s7 33	11 58	2 2	s7 27	morn
9	Fr	r4 32	morn	6 8	r4 38	morn	3 6	r4 43	0 4
10	Sa	s7 37	0 33	7 17	s7 32	0 39	4 14	s7 26	0 45
11	☽	r4 33	1 22	8 29	r4 39	1 28	5 26	r4 44	1 36
12	Mo	s7 36	2 23	9 35	s7 31	2 30	6 33	s7 26	2 38
13	Tu	r4 35	3 33	10 36	r4 40	3 39	7 32	r4 45	3 47
14	We	s7 35	rises	11 28	s7 30	rises	8 22	s7 24	rises
15	Th	r4 37	8 38	.....	r4 42	8 35	9 14	r4 47	8 33
16	Fr	s7 34	9 3	0 38	s7 29	9 1	9 57	s7 23	9 0
17	Sa	r4 38	9 26	1 20	r4 43	9 25	10 36	r4 48	9 26
18	☽	s7 32	9 47	2 1	s7 28	9 48	11 15	s7 22	9 49
19	Mo	r4 40	10 8	2 40	r4 45	10 10	11 57	r4 50	10 13
20	Tu	s7 31	10 30	3 20	s7 26	10 33	0 18	s7 21	10 37
21	We	r4 42	10 54	4 3	r4 47	10 58	1 3	r4 52	11 3
22	Th	s7 29	11 22	4 52	s7 24	11 27	1 51	s7 19	11 33
23	Fr	r4 44	11 56	5 46	r4 48	morn	2 44	r4 53	morn
24	Sa	s7 27	morn	6 44	s7 23	0 2	3 42	s7 18	0 9
25	☽	r4 46	0 37	7 43	r4 50	0 43	4 40	r4 55	0 51
26	Mo	s7 25	1 27	8 40	s7 21	1 34	5 37	s7 16	1 42
27	Tu	r4 48	2 25	9 34	r4 52	2 31	6 34	r4 57	2 39
28	We	s7 23	3 29	10 24	s7 19	3 35	7 20	s7 14	3 41
29	Th	r4 50	sets.	11 8	r4 54	sets.	8 3	r4 58	sets.
30	Fr	s7 21	7 53	11 50	s7 17	7 50	8 46	s7 12	7 49
31	Sa	r4 52	8 17	0 10	r4 56	8 16	9 28	r5 0	8 15



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, . . .	5d. 1h. 24m. p.m.	5d. 0h. 24m. p.m.
Full Moon, ...	12d. 9h. 22m. a.m.	12d. 8h. 22m. a.m.
Last Quarter, . . .	20d. 3h. 29m. a.m.	20d. 2h. 29m. a.m.
New Moon, ...	27d. 10h. 29m. p.m.	27d. 9h. 29m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	S	r4 53	8 39	0 49	r4 57	8 39	10 6	r5 1	8 40
2	Mo	s7 18	9 2	1 29	s7 14	9 3	10 45	s7 9	9 6
3	Tu	r4 55	9 27	2 11	r4 59	9 30	11 28	r5 3	9 33
4	We	s7 15	9 56	2 55	s7 12	10 0	.....	s7 7	10 5
5	Th	r4 57	10 32	3 45	r5 1	10 37	0 44	r5 5	10 44
6	Fr	s7 13	11 16	4 45	s7 9	11 22	1 44	s7 5	11 30
7	Sa	r4 59	morn	5 55	r5 2	morn	2 53	r5 6	morn
8	S	s7 10	0 10	7 10	s7 7	0 17	4 7	s7 3	0 25
9	Mo	r5 1	1 15	8 23	r5 4	1 21	5 20	r5 8	1 29
10	Tu	s7 7	2 28	9 27	s7 4	2 34	6 25	s7 0	2 41
11	We	r5 3	3 44	10 22	r5 6	3 49	7 19	r5 10	3 54
12	Th	s7 4	rises	11 9	s7 1	rises	8 3	s6 58	rises
13	Fr	r5 5	7 27	11 49	r5 8	7 26	8 47	r5 12	7 26
14	Sa	s7 2	7 50	0 9	s6 59	7 50	9 27	s6 55	7 51
15	S	r5 7	8 11	0 47	r5 10	8 12	10 4	r5 14	8 15
16	Mo	s6 59	8 32	1 24	s6 56	8 35	10 38	s6 53	8 38
17	Tu	r5 10	8 55	2 2	r5 12	8 59	11 16	r5 15	9 3
18	We	s6 56	9 22	2 42	s6 53	9 27	.....	s6 50	9 33
19	Th	r5 12	9 54	3 25	r5 14	10 0	0 23	r5 17	10 7
20	Fr	s6 53	10 33	4 12	s6 50	10 39	1 11	s6 47	10 47
21	Sa	r5 14	11 19	5 9	r5 16	11 26	2 7	r5 19	11 34
22	S	s6 50	morn	6 10	s6 47	morn	3 7	s6 44	morn
23	Mo	r5 16	0 13	7 12	r5 18	0 19	4 9	r5 21	0 27
24	Tu	s6 46	1 14	8 12	s6 44	1 20	5 10	s6 42	1 27
25	We	r5 18	2 20	9 7	r5 20	2 25	6 6	r5 23	2 31
26	Th	s6 43	3 29	9 57	s6 41	3 33	6 55	s6 39	3 38
27	Fr	r5 20	4 40	10 42	r5 22	4 43	7 37	r5 25	4 46
28	Sa	s6 40	sets.	11 23	s6 38	sets.	8 18	s6 36	sets.
29	S	r5 22	7 7	.....	r5 24	7 8	8 59	r5 26	7 10
30	Mo	s6 37	7 31	0 22	s6 35	7 33	9 41	s6 33	7 37
31	Tu	r5 24	8 0	1 4	r5 26	8 4	10 23	r5 28	8 8



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, . . .	3d. 6h. 13m. p.m.	3d. 5h. 13m. p.m.
Full Moon, ...	10d. 9h. 12m. p.m.	10d. 8h. 12m. p.m.
Last Quarter, . . .	18d. 9h. 51m. p.m.	18d. 8h. 51m. p.m.
New Moon, ...	26d. 8h. 46m. a.m.	26d. 7h. 46m. a.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	We	r5 25	8 34	1 49	r5 27	8 39	11 7	r5 29	8 45
2	Th	s6 31	9 15	2 37	s6 30	9 21	.....	s6 28	9 28
3	Fr	r5 27	10 5	3 33	r5 29	10 11	0 31	r5 31	10 19
4	Sa	s6 28	11 6	4 38	s6 26	11 12	1 37	s6 25	11 20
5	S	r5 30	morn	5 51	r5 31	morn	2 49	r5 33	morn
6	Mo	s6 24	0 16	7 5	s6 23	0 22	4 2	s6 22	0 29
7	Tu	r5 32	1 30	8 12	r5 33	1 35	5 8	r5 35	1 41
8	We	s6 21	2 43	9 8	s6 20	2 47	6 6	s6 19	2 51
9	Th	r5 34	3 54	9 58	r5 35	3 56	6 56	r5 36	4 0
10	Fr	s6 18	5 3	10 42	s6 16	5 4	7 37	s6 15	5 6
11	Sa	r5 36	rises	11 19	r5 37	rises	8 13	r5 38	rises
12	S	s6 14	6 35	11 54	s6 13	6 37	8 52	s6 12	6 40
13	Mo	r5 38	6 58	0 12	r5 39	7 1	9 30	r5 40	7 5
14	Tu	s6 11	7 23	0 50	s6 10	7 27	10 7	s6 9	7 33
15	We	r5 40	7 53	1 29	r5 41	7 58	10 44	r5 42	8 5
16	Th	s6 7	8 29	2 10	s6 7	8 35	11 26	s6 6	8 42
17	Fr	r5 42	9 12	2 54	r5 43	9 18	.....	r5 43	9 26
18	Sa	s6 3	10 3	3 42	s6 3	10 9	0 41	s6 3	10 17
19	S	r5 44	11 0	4 37	r5 45	11 6	1 36	r5 45	11 13
20	Mo	s6 0	morn	5 37	s6 0	morn	2 35	s6 0	morn
21	Tu	r5 47	0 3	6 39	r5 47	0 8	3 37	r5 47	0 15
22	We	s5 56	1 10	7 39	s5 56	1 14	4 36	s5 57	1 20
23	Th	r5 49	2 19	8 33	r5 49	2 22	5 31	r5 49	2 26
24	Fr	s5 53	3 30	9 23	s5 53	3 32	6 21	s5 53	3 35
25	Sa	r5 51	4 41	10 10	r5 51	4 41	7 7	r5 51	4 43
26	S	s5 49	sets.	10 54	s5 50	sets.	7 49	s5 50	sets.
27	Mo	r5 53	6 0	11 36	r5 53	6 3	8 32	r5 52	6 7
28	Tu	s5 46	6 32	.....	s5 46	6 36	9 18	s5 47	6 42
29	We	r5 55	7 12	0 44	r5 55	7 18	10 6	r5 54	7 24
30	Th	s5 43	8 1	1 34	s5 43	8 7	10 56	s5 43	8 15
..	...	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, ...	3d. 0h. 31m. a.m.	2d. 11h. 31m. p.m.
Full Moon, ...	10d. 11h. 42m. a.m.	10d. 10h. 42m. a.m.
Last Quarter, ...	18d. 4h. 9m. p.m.	18d. 3h. 9m. p.m.
New Moon, ...	25d. 6h. 28m. p.m.	25d. 5h. 28m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r5 58	9 1	2 30	r5 57	9 7	11 55	r5 56	9 15
2	Sa	s5 39	10 9	3 29	s5 40	10 15	0 27	s5 40	10 22
3	☽	r6 0	11 20	4 35	r5 59	11 25	1 34	r5 58	11 32
4	Mo	s5 36	morn	5 44	s5 37	morn	2 42	s5 37	morn
5	Tu	r6 2	0 32	6 50	r6 1	0 36	3 47	r6 0	0 41
6	We	s5 32	1 43	7 47	s5 33	1 46	4 44	s5 34	1 50
7	Th	r6 4	2 52	8 40	r6 3	2 54	5 38	r6 2	2 56
8	Fr	s5 29	3 58	9 26	s5 30	3 58	6 24	s5 31	4 0
9	Sa	r6 7	5 3	10 8	r6 5	5 2	7 5	r6 4	5 2
10	☽	s5 25	6 7	10 46	s5 27	6 5	7 41	s5 28	6 4
11	Mo	r6 9	rises	11 23	r6 7	rises	8 17	r6 6	rises
12	Tu	s5 22	5 55	.....	s5 24	6 0	8 58	s5 25	6 6
13	We	r6 11	6 28	0 20	r6 9	6 34	9 38	r6 8	6 41
14	Th	s5 19	7 8	1 0	s5 21	7 14	10 18	s5 22	7 22
15	Fr	r6 14	7 55	1 43	r6 12	8 1	11 0	r6 10	8 9
16	Sa	s5 16	8 49	2 29	s5 18	8 55	11 49	s5 20	9 3
17	☽	r6 16	9 49	3 16	r6 14	9 55	0 14	r6 12	10 2
18	Mo	s5 13	10 53	4 8	s5 15	10 58	1 7	s5 17	11 4
19	Tu	r6 18	11 59	5 3	r6 16	morn	2 2	r6 14	morn
20	We	s5 10	morn	6 1	s5 12	0 3	2 58	s5 14	0 7
21	Th	r6 21	1 7	6 58	r6 18	1 9	3 54	r6 16	1 13
22	Fr	s5 7	2 17	7 53	s5 9	2 18	4 49	s5 11	2 20
23	Sa	r6 23	3 29	8 44	r6 20	3 29	5 41	r6 18	3 29
24	☽	s5 4	4 43	9 34	s5 6	4 41	6 32	s5 9	4 41
25	Mo	r6 25	6 1	10 24	r6 23	5 58	7 21	r6 20	5 56
26	Tu	s5 1	sets.	11 13	s5 3	sets.	8 9	s5 6	sets.
27	We	r6 28	5 52	.....	r6 25	5 58	9 1	r6 22	6 5
28	Th	s4 58	6 50	0 31	s5 1	6 56	9 56	s5 4	7 4
29	Fr	r6 30	7 58	1 26	r6 27	8 4	10 51	r6 25	8 12
30	Sa	s4 55	9 10	2 25	s4 58	9 15	11 49	s5 1	9 22
31	☽	r6 33	10 23	3 22	r6 30	10 27	0 20	r6 27	10 33



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter, . . .	1d. 9h. 37m. a.m.	1d. 8h. 37m. a.m.
Full Moon.	9d. 4h. 50m. a.m.	9d. 3h. 50m. a.m.
Last Quarter, . . .	17d. 9h. 2m. a.m.	17d. 8h. 2m. a.m.
New Moon, ...	24d. 4h. 20m. a.m.	24d. 3h. 20m. a.m.
First Quarter, . . .	30d. 10h. 14m. p.m.	30d. 9h. 14m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	Bost. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*	N. Y. Tide. Morn'g	Sun R. & S. *h. m.*	Moon R. & S. *h. m.*
1	Mo	r6 34	11 35	4 22	r6 31	11 38	1 21	r6 28	11 42
2	Tu	s4 52	morn	5 21	s4 55	morn	2 19	s4 58	morn
3	We	r6 36	0 44	6 17	r6 33	0 46	3 15	r6 30	0 49
4	Th	s4 49	1 50	7 12	s4 52	1 51	4 9	s4 56	1 52
5	Fr	r6 39	2 55	8 1	r6 36	2 54	4 58	r6 32	2 55
6	Sa	s4 47	3 59	8 49	s4 50	3 57	5 46	s4 54	3 56
7	𝔖	r6 42	5 2	9 32	r6 38	4 59	6 30	r6 35	4 57
8	Mo	s4 45	6 6	10 15	s4 48	6 2	7 12	s4 52	5 59
9	Tu	r6 44	rises	10 55	r6 41	rises	7 49	r6 37	rises
10	We	s4 42	5 8	11 35	s4 46	5 14	8 31	s4 50	5 21
11	Th	r6 47	5 52	.....	r6 43	5 58	9 15	r6 39	6 6
12	Fr	s4 40	6 43	0 38	s4 44	6 49	9 58	s4 48	6 57
13	Sa	r6 49	7 41	1 22	r6 45	7 47	10 39	r6 41	7 54
14	𝔖	s4 39	8 43	2 6	s4 43	8 48	11 23	s4 47	8 54
15	Mo	r6 52	9 47	2 50	r6 48	9 51	.....	r6 44	9 56
16	Tu	s4 37	10 53	3 37	s4 41	10 56	0 35	s4 45	11 0
17	We	r6 54	11 59	4 26	r6 50	morn	1 25	r6 46	morn
18	Th	s4 35	morn	5 18	s4 40	0 1	2 16	s4 44	0 3
19	Fr	r6 57	1 7	6 12	r6 53	1 7	3 10	r6 48	1 9
20	Sa	s4 34	2 19	7 8	s4 38	2 18	4 5	s4 43	2 18
21	𝔖	r6 59	3 34	8 6	r6 55	3 32	5 3	r6 50	3 30
22	Mo	s4 33	4 52	9 4	s4 37	4 48	6 1	s4 42	4 45
23	Tu	r7 2	6 12	10 1	r6 57	6 7	6 58	r6 52	6 2
24	We	s4 32	sets.	10 58	s4 36	sets.	7 53	s4 41	sets.
25	Th	r7 4	5 35	11 53	r6 59	5 41	8 49	r6 54	5 49
26	Fr	s4 31	6 49	0 22	s4 35	6 55	9 48	s4 40	7 2
27	Sa	r7 6	8 6	1 18	r7 1	8 11	10 40	r6 56	8 17
28	𝔖	s4 30	9 22	2 12	s4 35	9 26	11 33	s4 39	9 30
29	Mo	r7 8	10 34	3 4	r7 3	10 36	0 1	r6 58	10 40
30	Tu	s4 29	11 42	3 53	s4 34	11 43	0 52	s4 39	11 45
..	...	.....	.....	.....	.....	.....	.....	.....	.....

DECEMBER



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon, ...	8d. 11h. 54m. p.m.	8d. 10h. 54m. p.m.
Last Quarter, . . .	16d. 11h. 22m. p.m.	16d. 10h. 22m. p.m.
New Moon, ...	23d. 2h. 55m. p.m.	23d. 1h. 55m. p.m.
First Quarter, . . .	30d. 2h. 27m. p.m.	30d. 1h. 27m. p.m.

1897		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r7 10	morn	4 45	r7 5	morn	1 44	r7 0	morn
2	Th	s4 28	0 47	5 37	s4 33	0 47	2 35	s4 38	0 48
3	Fr	r7 12	1 51	6 29	r7 7	1 50	3 26	r7 2	1 49
4	Sa	s4 28	2 55	7 20	s4 33	2 52	4 17	s4 38	2 51
5	☽	r7 14	3 58	8 9	r7 9	3 54	5 6	r7 4	3 51
6	Mo	s4 28	5 0	8 58	s4 33	4 55	5 56	s4 38	4 50
7	Tu	r7 16	6 1	9 46	r7 11	5 55	6 44	r7 6	5 49
8	We	s4 28	7 1	10 32	s4 33	6 55	7 28	s4 38	6 48
9	Th	r7 18	rises	11 15	r7 13	rises	8 9	r7 8	rises
10	Fr	s4 28	5 34	11 57	s4 33	5 40	8 55	s4 38	5 47
11	Sa	r7 20	6 35	0 18	r7 15	6 40	9 38	r7 9	6 47
12	☽	s4 28	7 39	1 1	s4 33	7 43	10 19	s4 39	7 49
13	Mo	r7 21	8 44	1 43	r7 16	8 47	10 57	r7 11	8 51
14	Tu	s4 29	9 49	2 23	s4 34	9 51	11 40	s4 39	9 54
15	We	r7 23	10 55	3 5	r7 18	10 56	0 2	r7 12	10 58
16	Th	s4 29	morn	3 49	s4 34	morn	0 47	s4 40	morn
17	Fr	r7 24	0 2	4 37	r7 19	0 1	1 36	r7 14	0 2
18	Sa	s4 30	1 12	5 30	s4 35	1 10	2 28	s4 41	1 9
19	☽	r7 26	2 26	6 30	r7 20	2 23	3 28	r7 15	2 21
20	Mo	s4 31	3 43	7 34	s4 36	3 38	4 31	s4 42	3 35
21	Tu	r7 26	5 1	8 40	r7 21	4 55	5 37	r7 15	4 50
22	We	s4 32	6 17	9 44	s4 37	6 11	6 42	s4 43	6 4
23	Th	r7 27	sets.	10 46	r7 22	sets.	7 42	r7 16	sets.
24	Fr	s4 33	5 38	11 44	s4 38	5 43	8 39	s4 44	5 50
25	Sa	r7 28	6 56	0 10	r7 23	7 0	9 34	r7 17	7 5
26	☽	s4 34	8 12	1 1	s4 40	8 15	10 22	s4 45	8 19
27	Mo	r7 29	9 25	1 50	r7 23	9 27	11 8	r7 18	9 29
28	Tu	s4 36	10 34	2 35	s4 41	10 34	11 53	s4 46	10 35
29	We	r7 29	11 40	3 18	r7 24	11 39	0 16	r7 19	11 39
30	Th	s4 37	morn	4 3	s4 42	morn	1 2	s4 48	morn
31	Fr	r7 30	0 45	4 51	r7 24	0 43	1 50	r7 19	0 41

6 am 37° + Forecast
5 PM 5-4 + "

1898 Sat.
2 3-6 am ground white
Sky Forecast
7 4-12 M Forecast
Sprinkling snow
6½ PM 20°. Cloudy
7 PM Starlight

Ther. MON. JAN. 4, 1897 Wea.

6 am 53° Rain
6 PM 40° Clear

1898
24-6 am Clear

Ther. TUES. JAN. 5, 1897 Wea.

6½ AM 22+, Overcast
12 M 28 Snowy Morning
5 PM, 26 Overcast
One or Two In. Snow on the ground

Ther. FRI. JAN. 8, 1897 Wea.

6 AM. 30°+ Overcast
1 PM 38 — "
5 3/4 PM 38 — "

Ther. SAT. JAN. 9, 1897 Wea.

6 am. 35°, – Overcast –
5½ PM 49 – Clear
A warm pleasant day
Called on Dr Mont. & he
went – to the P.O. & Th and
Evening called on
Mrs Lee & John Means
Prof. Gordon called this
evening

Ther. SUN. JAN. 10, 1897 Wea.

6 AM 32+ Clear
12 M 47+ "
6 PM 42+ "
N. A. & Delfont - beyond
Brewers Ridge to the
New Road
Col. Putnam called
this Evening

Ther. MON. JAN. 11, 1897 Wea.

5 3/4 - 26° + Clear
12 - 35° + Cloudy
5 1/2 - 34 Cloudy but Clear
in the West
Mr Condit - called this
Evening

Ther. TUES. JAN. 12, 1897 Wea.

6 am 30+ Overcast
12 M 32 Floating Clouds
6 PM 30 Clear "

Coles Building took fire last night; slight damage. Called out Department this Evening.

Coles Bldg caught fire at 12 PM yesterday

Ther. WED. JAN. 13, 1897 Wea.

7 am - 26° snowing (3 ins)
Fire alarm at 3 am.
Fort House at Brick Work
Burned
5½ PM 34° Cloudy, snow
ceased about noon

Ther. THURS. JAN. 14, 1897 Wea.

6 AM 35 Cloudy
12 M 38 Drizzly "
6 PM 38

Just on 7 oz. 2.22 = 11.15
" " 550 - 3.14 = 11.12
Back Just due 3.50
25.77

Ther. FRI. JAN. 15, 1897 Wea.

6 am 36 Cloudy
12 M 38 damp & Cloudy
5½ PM 38 " "

Ther. MON. JAN. 18, 1897 Wea.

6 am. 32+ Clear; heavy wind in the night, Northerly
12 M - 34+ N. N. W. Floating Cloud
5½ PM - 30+ Clear

Ther. TUES. JAN. 19, 1897 Wea.

6 am, 20° + Clear
12 M - 31° + "
5 3/4 PM 32° + Overcast

Ther. WED. JAN. 20, 1897 Wea.

6 am 32° Overcast
12 M 35° Raining
5½ PM 44° Rain over but
Still Cloudy

Ther. THURS. JAN. 21, 1897 Wea.

6½ AM 38° Overcast
6 PM 39 "
Met. Mr J. Peoples Sr
at A.C. & I. Office this
Morning

Ther. SUN. JAN. 24, 1897 Wea.

6 am 28° Overcast
12 M. 20° Snowing
5½ PM 20 " "

6 Gave birth this Evening did not learn the sex & was not there

Man Shot in town last night

Ther. MON. JAN. 25, 1897 Wea.

6 am 1° Clear
12 M 8° + "
6 PM 8 + "

Ther. THURS. JAN. 28, 1897 Wea.

6½ AM 1+ Cloudy
9 " Sun out
12 M 10+ Sun out
5½ PM 8+ Light clouds
Snow still on the ground
some 3 or 4 Ins deep
Much suffering
from cold & hunger
reported over the Entire
Country (in certain
sections)

Ther. FRI. JAN. 29, 1897 Wea.

5½ am 5+ Over cast
12 M 15+ Clear
5½ PM 14 "
School children out
at Abbies to Coast + candy
pull

Ther. SAT. JAN. 30, 1897 Wea.

6 am 2-
12 M 18+
6 PM 22+

Princess A
Clear
4

ea.	Ther.	SUN. JAN. 31, 1897	Wea.
A	6 am 2° +		Clear
	12 M 32 +		"
	5½ PM 38 +		"

Ther. MON. FEB. 1, 1897 Wea.

6 am. 22+ Overcast
12 M 36+ Raining
6 PM Raining

Ther. TUES. FEB 2, 1897 Wea.

6 am 26+ Raining
12 M 38+ damp & cloudy
6 PM 36+ " "

Ther. WED. FEB. 3, 1897 Wea.

6 am 28+ Overcast
Sleet on the ground
Shore ice in River
12 M 33+ Cloudy but
Sun visible
5½ PM 34+ Overcast
Small patches of snow
left

Ther. THURS. FEB. 4, 1897 Wea.

6 AM 32° + Overcast
12 M 36 + Sun Visible,
6 PM 36 + Overcast

Ther. FRI. FEB. 5, 1897 Wea.

12 M 40+ Raining
6 PM 37+ Rain ceased
Clouds seem to be
breaking

Ther. SAT. FEB. 6, 1897 Wea.

A rainy night.
6½ AM 40° + raining
12 M. 41° + still raining

Report - that "Gen. Hood
has found on Cattle Cr

Ther. SUN. FEB. 7, 1897 Wea.

6 am. 38° Partly cloudy
12 M 41° " "
5½ PM 41° " "

Ther. MON. FEB. 8, 1897 Wea.

6 am 37+ Raining
12 M. 39+ damp & cloudy
Rivers risen fast
5½ PM 38+ still cloudy

Ther. TUES. FEB. 9, 1897 Wea.

Cloudy Snowing
12 PM, 37°. State Cloudy
5 1/2, 36+ Snow Shows in the
W. but state cloudy Overhead

Ther. WED. FEB. 10, 1897 Wea.

5½ AM 26° + Clear
1 PM 40° + "
6 " 42 + " "

River falling

Letter from Abbie who writes that Mrs had had another attack rendering him almost helpless

Ther. THURS. FEB. 11, 1897 Wea.

6 am 33° + Overcast
12 M 42 +
3½ PM 41 + Rain
River falling
Cold in the head or to
be sick from smoking
which is preferable?

Ther. FRI. FEB. 12, 1897 Wea.

6 am 42° + Wet night
12 M 41 – Rain over but
Still cloudy
5½ 41° + Still Cloudy

Cold in head not over
H, has a cold too

Ther. SAT. FEB. 13, 1897 Wea.

6 am 34 Overcast
9 " Clear
12 m 46° "
5½ PM 50° "
Walked out to Newmans Come this Evening
Shucks Planted corn
and Wheat for Chickens

Ther. SUN. FEB. 14, 1897 Wea.

6 am 36+ Clear
12 M 50+ "
6 PM 50+ "

Dr Gowns & Rdy out walking this Evening. he took tea with us

a pleasant night

Ther. MON. FEB. 15, 1897 Wea.

6½ AM 37° Overcast—
12 M 62° broken Clouds
5¾ PM 54° " "

Mrs Carter died last night—

Ther. TUES. FEB. 16, 1897 Wea.

5 a.m. ½ - 37°	Overcast
12 M - 44°	Clear
5¾ P.M. 48°	"

Mrs Carter to be buried this forenoon, died of paralysis, age 86 the 11th of this month

Services conducted by the Episcopal Church

Ther. WED. FEB. 17, 1897 Wea.

6 AM Clear
12 M 62°
6 PM 60° "

5 Ther. THURS. FEB. 18, 1897 Wea.

5½ am 44° Overcast
8 " Light Sprinkle
a cloudy day
5 PM 42° Cloudy

Ther. SUN. FEB. 21, 1897 Wea.

6 am 50° Rainy Night-
12 M 60° Cloudy & Thunder
5½ PM 55 Raining day

Ther. MON. FEB. 22, 1897 Wea.

6 AM 49 Night & Showers
with Thunder & Lightning
River Rising Rain Soon &
Probably from Sandy
12 M 60+ Still Cloudy
2 PM Rain out but to
Showery Evening
5 PM 51 Raining

Ther. TUES. FEB. 23, 1897 Wea.

5½ AM 39° damp & Cloudy
a Wet night
12 M Rain out
5½ PM 38° Broken Cloud
River still rising
slowly — Up with Mrs L to
Cattlesburg this Evening
the fronts St. flooded

Ther. WED. FEB. 24, 1897 Wea.

6½ - 26° + Clear
12 M - 41 + " "
6 PM 39 Clear, Rowing
Ding about - 1 In. per Hr.

Ther. THURS. FEB. 25, 1897 Wea.

6 Am 28 Overcast
Rain fallen 1/2 In
12 M 44 Clear
7 PM 42 Overcast

The rise about 2 Ft below
that of '83. And Com-
menced falling

Ther. FRI. FEB. 26, 1897 Wea.

6 am 26° Snowing
12 M Rain out
5½ PM 30° Snowing

Ther. SAT. FEB. 27, 1897 Wea.

6 AM 16° Cloudy
12 M 24° Sun out light
clouds - snow not melted
6 PM 25 Clear
Rain falling rapidly

Ther. SUN. FEB. 28, 1897 Wea.

6 am 20° + Clear
12 M 35 Light Clouds
6 PM 36 " "

Ther. MON. MAR. 1, 1897 Wea.

6 AM 35° Cloudy
12 M 50° light clouds
6 PM 52° broken clouds

Ther. TUES. MAR. 2, 1897 Wea.

6 am 45° Overcast
Rain this forenoon
12 M 53° Overcast
6 PM 52° "

Ther. WED. MAR. 3, 1897 Wea.

6 am 52 Rainy night
12 M 46 Rain over
but broken clouds
6 PM 42 Cloudy

Ther. THURS. MAR. 4, 1897 Wea.

6 am 32° + Clear
12 m 42° + "
6 PM. 47° + Cloudy

Ther. SUN. MAR. 7, 1897 Wea.

7 am 35° Overcast
1 PM 47 Nearly Clear
6 " 45 Clear
Dr Young at tea

Ther. MON. MAR. 8, 1897 Wea.

6 AM 32 Fog
1 PM 64 Clear
6 " 64 Cloudy

Ther. TUES. MAR. 9, 1897 Wea.

6 am 56 Cloudy
Rain in the night-/
7 PM 58 Rains again

Ther. WED. MAR. 10, 1897 Wea.

7 AM 52 Cloudy
Heavy rains in the night
12 M 50 Clear
6 PM 52° "

Ther. THURS. MAR. 11, 1897 Wea.

6 AM 32 Broken Cloud
12 M 48 Overcast
6 PM 52 Raining

Ther. FRI. MAR. 12, 1897 Wea.

7 am 50 . Clear
Rain in the night
12 M 62 W.N. Clear
6 PM 50 Overcast
Mrs Mt Mollin renewed
note for $50 paying on
old note up to date

8½ PM. bright Starlight

Ther. MON. MAR. 15, 1897 Wea.

5½ am 30 Clear
12 M 45 "
7 PM 41 Cloudy

Martin L. ½ Day Paid

Ther. TUES. MAR. 16, 1897 Wea.

6 am 30 Clear
Pleasant day
6 PM 48 Mackerel backs

Marlin L 3/4 D paid

Ther. WED. MAR. 17, 1897 Wea.

5½ am 38° Broken Clouds
12 M Rain
5½ PM 48 "
Will Go 11 am

Ther. THURS. MAR. 18, 1897 Wea.

6 AM 53 Overcast
12 M Rain out
6 PM 65 Overcast

Ther. FRI. MAR. 19, 1897 Wea.

6 am 58° Raining
12 M 65 "
6 PM 64 Still cloudy but
indications of fair weather

Ther. SAT. MAR. 20, 1897 Wea.

6 am 57° Clear
12 M 70 "
7 PM 64 "

Jacks & Walling gone

Ther. SUN. MAR. 21, 1897 Wea.

6½ - 49° Clear
12 - 64 "
6 PM - 64 "
a short walk, sunny

6 am 56 Overcast
12 M 69 " "
6 PM 67 floating clouds

Mill all day
Capt " "

Del Strawberries

Ther. TUES. MAR. 23, 1897 Wea.

6 am 52 Overcast
8 " Raining
12 M 53 Light Clouds
7 PM 59 Clear

Ther. WED. MAR. 24, 1897 Wea.

Heavy Rain in the night
with Rain
6 AM 48° Cloudy, Strong wind
from South
12 M 40. Spitting Snow
Strong Wind, Northerly,
6½ PM 38 Cloudy

Ther. THURS. MAR. 25, 1897 Wea.

6 am 34 Sprinkling of Snow
on the ground, Overcast
12 M 35 Little Spits Snow
7 PM 38 Cloudy

Ther. FRI. MAR. 26, 1897 Wea.

6 am 30° + Clear
Pleasant Evening
6½ - 44 light Clouds

Mill ½ Day

Ther. SAT. MAR. 27, 1897 Wea.

5½ 28° Overcast
Ground White with Snow
6½ P M 39 · Clear
Evening Pleasant

Mrs McCoy came this
Evening

Ther. SUN. MAR. 28, 1897 Wea.

6 AM 26 Clear
12 M 46 "
6 PM 57 "
Mr N Gregg died this
the night 12 + AM

Ther. MON. MAR. 29, 1897 Wea.

6 AM 30 Clear
12 M 60 "
6 PM 60 Overcast

Morning on Hotbed
Mill ½ day
Evening Mt. G.'s funeral
Mill & self attended
at house 2 PM, Crowd

Ther. TUES. MAR. 30, 1897 Wea.

6 AM 50 Open Clouds
12 M 54 Raining
6 PM 58 Light Cloud
Planted Reds
& made Hot-bed

Ther. WED. MAR. 31, 1897 Wea.

6 am 54 Overcast
12 on 68 Rain ant.
6 PM 62 N.N. light Cloud
Bill 1/2 day
Rowed Letters

Ther. THURS. APRIL 1, 1897 Wea.

6 AM 44 Broken Cloud
, Wind Light North
12 PM 57 " "
6 PM 57 " Miscast

Ther. FRI. APRIL 2, 1897 Wea.

6 am 44 Overcast
6 PM 48 "
Mrs McCoy left a 2 PM
this Evening

Ther. SAT. APRIL 3, 1897 Wea.

6 AM Overcast
12 M 62 Clear
6 PM 66 Overcast W. S.

Bill 1/4 day

Ther. SUN. APRIL 4, 1897 Wea.

6 am 58 Raining
12 m 57 "
6 PM 58 & clearing up

Ther. MON. APRIL 5, 1897 Wea.

6 am 48 Clear
12 M 65 Broken Clouds
6 PM 63 Clear.

Mrs. I. Adams died at
2 PM

Ther.	TUES. APRIL 6, 1897	Wea.
6 AM 46		Clear
12 M 52		Cloudy
6 PM 51		"

6 AM 44 Roast
6½ PM 52 Clear

Ther. THURS. APRIL 8, 1897 Wea.

6 AM 42 Raining
12 M 45 Raining
6 PM 45 damp Cloudy

Ther. FRI. APRIL 9, 1897 Wea.

6 AM 45 Rainy Night
Still damp & Cloudy
12 M 43 Still Cloudy
N. Wind
6 PM 41 Broken Clouds

Ther. SAT. APRIL 10, 1897 Wea.

6 am 32 Clear
12 M 46 Sun out but
light broken clouds
3 PM 48 Nearly Clear

Ther. SUN. APRIL 11, 1897 Wea.

6 AM 35 Clear
1 PM 47 Raining
6 " 48 Clouds breaking

Planted Beans

Ther. MON. APRIL 12, 1897 Wea.

6 AM 82 Foggy
6 PM 56 light cloud
a fine day

Ther. TUES. APRIL 13, 1897 Wea.

6 AM 54 light clouds
12 M 64 Wind S.W. Cloudy
6 PM 63 5 " Westerly
Sprinkling but
Sun out at setting
7½ PM Clear Moonlight

Ther. WED. APRIL 14, 1897 Wea.

Rain in the night
6 am 52 Forecast
a rainy Evening
8 PM 48 Cloudy

Ther. THURS. APRIL 15, 1897 Wea.

a Rose- Night
6 am 44 Overcast
12 M "
6 PM 54 broken clouds
a pleasant Evening

Ther. FRI. APRIL 16, 1897 Wea.

6 am 40° clouds breaking
& promising fair day
1 PM 56 Clear

Staked Raspberries

Ther. SAT. APRIL 17, 1897 Wea.

6 am 50, Forecast
rain indicated
12 M 52 Sun out,
7 PM 48 fine Evening

Planted G. Wax Bean

Mrs Stephens Visiting
us

Ther. SUN. APRIL 18, 1897 Wea.

6 AM Clear
1 PM 62 Clear
7 PM 58 Clear

Bill & Dely out Walking
This Evening

Mrs Russell died in City,

Ther. MON. APRIL 19, 1897 Wea.

5 ½ 58 Broken Clouds
12 M 63 Clear

Sowed Beets & Beans the 2nd time

Mill in Garden 1 Day

Ther. TUES. APRIL 20, 1897 Wea.

5½ AM 32 Clear
12 M 49 "
6½ PM 48 "

attended Mrs. R's funeral
this forenoon

Ther. WED. APRIL 21, 1897 Wea.

6 am 32° clear
1 PM 65 "
6½ " 68 "

Will Powell parsnips to 10¢

Ther. THURS. APRIL 22, 1897 Wea.

5½ am 50 Clear
3 pm 74 Light Cloud
6½ " 71 " "

Ploughed Garden (#3)

9 Ther. FRI. APRIL 23, 1897 Wea.

5½ am 56 Overcast
12½ PM 74 Clear
6 " 74 Slightly Overcast
1st planting Corn

Ther. SAT. APRIL 24, 1897 Wea.

Warm clear day
6 PM 76 clear
Visit after fire sticks
this morning and had
a grand fall but no
serious injury

Ther. SUN. APRIL 25, 1897 Wea.

6 AM 56 Clear
12 M 76 floating Clouds
7 PM 61 Raining

Ther. MON. APRIL 26, 1897 Wea.

6 am 52 Rain over Clear
12 M 68 N. N.W. Clear
a Slight Shower at 5 PM
6 PM 66 Clear
Plants Sage

Ther. TUES. APRIL 27, 1897 Wea.

6 AM 46 Clear
5 3/4 PM 62 "

Planted squash + Evergreen beans

Ther. WED. APRIL 28, 1897 Wea.

5½ AM 41 Clear
2 PM 76 "
6 PM 76 "
Planted Canteloupes

Ther. THURS. APRIL 29, 1897 Wea.

5½ am 56 slightly overcast

12 M 76 " "

Planted Okra

Ther. FRI. APRIL 30, 1897 Wea.

5½ AM 60 Drizzling
6 PM 71 Slightly Overcast

Planted Mamos Squash

Ther. SAT. MAY 1, 1897 Wea.

6 AM 58 Overcast
12 M 51 Raining all morning

At Coal Grove this Evening
Miss M. R. left for Maysville

Ther. SUN. MAY 2, 1897 Wea.

5 am 38 Rain all night
12 M 38 Snowing since morning
6½ P M 38 Snowed nearly all day. Still Cloudy

Ther. MON. MAY 3, 1897 Wea.

5 am 40 Rainy Night
6 1/2 PM a cloudy morn
but clouds broke in Evening

Ther. TUES. MAY 4, 1897 Wea.

5 am 45 Fog
12 m 54 Cloudy
6 pm 56 Light clouds

Planted County Gentleman
Set a portion of Tomatoes

Ther. WED. MAY 5, 1897 Wea.

6 AM 50 Clear
12 M 69 "
6½ PM 68 "

Circus in Town
Planted last of all Beans

Ther. THURS. MAY 6, 1897 Wea.

5 am 47 Fog
12 M 71 Clear
6 PM 72 "
Planted 2 rows bulbs
Out walking with
Mr Boal

Ther. FRI. MAY 7, 1897 Wea.

5½ am 50 Fog
12 m 79 Clear

6 am 54 Fog
12 m 80 Clear
6 pm 77 "

3rd planting Corn
& Cultivating Melons

6 am 62 Thunder in the
South with Sprinkling
finally a few Showers
12 M 78 Slightly Cloudy

Ther. MON. MAY 10, 1897 Wea.

6 am 61 Raining
1 PM 72 light clouds
Set Tomatoes, 2 Lot
Lt. Cv Algiers 3.34
at Columbus 8.10 PM
Left 10 PM
At Spuyten Duyvil At
Albany Mean Evening

A Warm day, at 2 1/4 Some time arrived at Albany O.K. Reached Boston at 9 P.M ± put up at American House

Fog this morning
Left Boston at 9 R.R.F.,
which soon gave rain
arrived at Brunswick
at — o'clock M.C.R. and de-
posited Upm in carriage
Arrived in Seotia at
& took back with Mr Weeks for
Mrs. found them all as I
had Expected — a sunny dis-
agreeable day —
Met Nait but did not
recognise him, called at Hus-
keys & Gunthorns Store and took
a turn in the Up by the B. Church
and the Old Home

Ther. THURS. MAY 13, 1897 Wea.

Rain continued into the night, this morning heavy fog which finally turned into rain.

Called on Nell, Dr C. and Mr. W. K.

Ther. FRI. MAY 14, 1897 Wea.

A cool Morning but the
Rain has ceased & sun out
Rain again at night
visited the cemetery
an found the graves of
most of my old friends
and in the Evening Mit
& I walked down to Mr
Woodards in a drizzling
Rain and called me for a
few minutes - Mrs W. seeing
with Bill knew me, Mr W.
stared at me in blank sur-
prise when I took his hand
but when W. came into
view he gave me a regular
J. Day Hearty Shake

Still fog & clouds but may clear up — Moote home the first thing after rising

The day being pleasant called on Nell. Who is in the old house having moved from the hotel on Thursday also called on Mrs G. and Mrs. J. S. also Mrs T. Hall all pleased to see me at this not knowing who I was —

Not finding many of my old friends visited the cemetery in Seattle where I found most of them resting freed from the cares of this life

a cool morning with light clouds T. 51° +

This morning to the B. Church and the Evening Will drove Mrs & Self over to Brunswick [sitting] to the Broad Cove & Muscongus pond Neighborhood

A letter from N. F. informs me he would be at Scotts on Monday

Ther. MON. MAY 17, 1897 Wea.

6 am 55 Cloudy.
Over at the Station to Meet
Wm at 10 am, put him on the
Hack for Nells, in the Eve,
at Nells returned with him to
Wm Hittons, we called on Mrs
W Stetson, at night attended Skidompk club with
Wm H. Jr and met Lychies
Keene

Ther. TUES. MAY 18, 1897 Wea.

A pleasant morning
Not pulling boy & Wm being
him at dinner did not
leave the village, Mrs. F. &
Self called on Mrs. Dr Stetson
this forenoon - Quite un-
well after dinner, decided
to get down town on Mrs
Coes to Stella
Note H. this morning

Ther. WED. MAY 19, 1897 Wea.

6 am 48 a fine Clear Morning
Having a sick, dizzy
attack soon after dinner
Yesterday Again took
of pills. Not feeling well all
the Evening, having taken
an additional doze, which
finally produced the desired
Effect

Ther. THURS. MAY 20, 1897 Wea.

This morning overcast with indications of rain a cold & windy day up to old Elliott place and the Newcastle cemetery.

Evening called Mrs H Day Mrs. A. Ely and at night A. & I called on Mrs Mc Hilton —

6 P.M. 56° wind southerly but cold

Ther. FRI. MAY 21, 1897 Wea.

6 am 56 Clouds with a slight sprinkle of rain but the sun is breaking thro the clouds

Up Gliddon St. Called on Mrs Barstow (Sally Borland) Mrs Wharf (Mary Gazette) Mrs Evans (Miss Chase) at whose house, met Sally Hartogtow — In the Evening Abbie drove Mrs & myself to Bristol Hills where met Mrs N. Weston her daughter, Mrs Chamberlain & Mr Chamberlain —

Received most cordial greetings from all whom I met —

The afternoon cool but quite comfortable. Had a pleasant drive

Ther. SAT. MAY 22, 1897 Wea.

6 am 48° Rain in the night
Still cloudy
Cleard off in the forenoon
a pleasant Evening. Matt took
me up to the J. M. Gladden
place

Met Chas. Keen and
Mrs. Matt Weston on the St,
this Evening

Mr. I rolled over to Shupert
last Evening with Edwin Flye

Ther. SUN. MAY 23, 1897 Wea.

6 am 48 Clear

about The House all the fore-noon, in the Evening Mill drove his father & I out to Back Meadows, on our return his father left us at the House & he and I drove up to the Mills, went down and saw the ale-wives crowding up the rapids as of old, they say there is a fish run and many are visiting the place to see them We had a cold & windy drive the whole route

Wrote to H— to be mailed in the morning

6 am 54 Cold & Cloudy

Over at Nells in the Morning, called at Mrs Lindsays but failing to gain access returned to Nells & took dinner, returned to town with Jim Trustard -

Called on Mrs. Leicles formerly Miss Stinson Mrs S. & Bro. to My Early School Mates at Burnum

A letter from Mary this Evening, all right at home.

Rain about noon, in the Evening Rain ceased

Raining Wind Easterly
Rain continued this
the day
Called on Dra. J. Gladden
& Mrs. Mary (Mary E Stetson)
in the Evening both re-
siding in the Mulza-
Stetson house which is
the property of Mrs. M.

Ther. WED. MAY 26, 1897 Wea.

57 am Cloudy a
Cool day but not much
Rain, Evening pleasant
Called on Mrs. Scott
Son & Jas friend this
Evening, met William
Hall on the Street
Jas F. in Company
with his Cousin Edwin
called at Mrs he being on
his way to the Station to
Ship for Tapehaun

Ther. THURS. MAY 27, 1897 Wea.

48- 6 am, N. N. W. Raining
Rain continued all
day - Over at the Station
in the evening & called
on Mrs. Alfred Elliott (Nee
Miss Taylor)

Ther. FRI. MAY 28, 1897 Wea.

7 am 50° Heavy Fog but no rain, sent Letter to Mrs informing him would be at Topeka on Monday on my Way to Duxbury

Called on Capt J. Barrows this afternoon, and in the Evening on Mrs Wait Keene where I met Mrs Gen. Hall-Abbie accompanying her also called on Mrs. D. Chapman - Met D. Cliddon on the Street whom I Knew

Rainy Drizzly & foggy the entire day -

Ther. SAT. MAY 29, 1897 Wea.

6 am 50. Heavy fog, rained Easterly Morning over at Nells took dinner after which went up to Oyster Banks, on my way called at Mrs Givens when I met Mrs Dr Chapman, on my return visited the Gliddon Cemetery where repose the remains of many of my old Friends.

Rain in forenoon but Evening quite pleasant—

Sent letter to Selina informing her of my intention of visiting her next week

This Morning Will drove me down to Bennaquit Pt, to the old Fort and, around by Round Pond, Muscongus, Uncle Daniels old place and thence out by the Jo^s Nelson place to home

Much interested in the position of divers Strata on rock at the Pt, the many varieties and wonderful manner in which they were commingled, also visited the old cemetary but could see nothing to interest us,

Found the grave of Ann Rose Childs whom I think I once Knew

Left 4^h for Electrical Machine

Ther. MON. MAY 31, 1897 Wea.

Rainy - left D. for Barnes
reached at 10 a.m. Fare $1.05
Hacks 25/100

Dinner at Mr Kinsmans
left B. for Boston at 5½
Rain late. Fare to B. 3¼
Rain over
arrived at Boston about 11
P.M. took St. Car to W. S.
(Fare 5/100) when I went to Bed
Left Boston 6.45 a.m. for D
Fare 90 cts - Hotel $1.00

Boston U.S. Hotel prospect
for a fair day - Not failing
with this morning a 5 am
did not take any break-
fast; at 6[45] took train for
Lowell where we arrived at 8½
am, found all well.
In the Evening visited
the old cemetery and the
grave of Standish and copi-
ed inscriptions on graves
of my G. G. grandparents, the
Hon Samuel Bradford & wife,
on my return wrote home
and to Abbie

cool with Westerly Wind -

Directly after breakfast put my letters in P. O. and continued my Walk down to the Western oaks

On returning to the House Met Mrs Ford who is nearly 94 yrs of age and still quite active retaining all her faculties, truly a Wonderful woman

Evening S. & Self went up to the New Cemetery saw the graves of Aunt S. & her family also that of my G G. father with Wadsworth

Mrs Harvey (89) and daughter Mrs Sampson called this Evening also Frank & wife

Ther. THURS. JUNE 3, 1897 Wea.

52, 6 am Wind S,

This Morning Called on Sol-
Soule, Told me Zenaide was
visiting Miss Delano whom
I learned would be 100 this fall
Found Zenaide, who is 90, is
quite active and walks with
me on the way back more
than a mile to visit a sick
friend

This Evening the Capt took
Selina & I out, down down to the
Miles Standish Hotel up through
the Cemetery and down on Powder
Point; on our return found Mrs
Ford at the House

Ther. FRI. JUNE 4, 1897 Wea.

6 am 64 Wind S.W. Threatning Rain

After breakfast took a walk down to the old Stanciska House up to the Monument & home around by the Station

Found a letter from H- all well at home, They have had an Earthquake on last Monday

6 am 82 Raining all the morning
Evening Called on Deborah
Rads was with us on my return
Selina and I called in to
see Franks family, Met Mr,
Bailey the youngest daugh-
ters Husband: at night Mr
& Mrs Bailey called

Ther. SUN. JUNE 6, 1897 Wea.

Came 48- N.W. cloudy un-
pleasant- In the Evening
I & I walked up to the old Cem-
etery- Frank called at night

5 am 50° N. N. Cloudy
Left Duxbury at 8,35 A arrived
in Boston at 10,25 Am, Leave
at 10.30 am (Fare & C to B 1,20)
Fare B to Coal Groon $20.65
Arrive at Albany at 4.15 P Leave
at 4,30 at 11,40 arrive at Buf-
falo, at 11,50 P.M. Leave Buffa
lo for Cleveland at 11,50 P M

Ranny right & Irv out
at about 7 arr
at Columbus 8.10 Leave 8.25
and arrive at home about
2 pm all Eastern time
Found all well, learn
of the death of Mr Mead. Mrs
Russells father aged 92

The acorns I had packed
at the old fort on May 30"
and wrapped in a wet stock-
ing, in my valise I moved
alive & put in a can with
Earth - I think it will grow
after 9 days thus packed

5 am 56 Cloudy - 6 am Clouds
breaking & Sun Shining
It has been a pleasant
morning, At work in garden
all day
Planted American Wonder Pea, and a very productive bush pea -

A Warm + pleasant day
Sowed Cabbage, Peppers
planted beans in Corn
Stuck peas & Beans & ba-
tions & small Jobs

68. 6 AM, Floating Clouds
A warm Shr about 80
Transplanted Okra &
the remaining 5 rows of
Corn, also planted beans
in corn which is up
Martin Sinsky at work
all day in garden
Mr Boal called this Eve-
ning

Ther. SAT. JUNE 12, 1897 Wea.

68-5½ Am showers, clearer but about 11 Am another copious shower for an hour or two

Martin aided in the garden until the noon shower

Learned of the death of Mrs Boal this Evening, Her husband was with us until past 6 P.M. and spoke of her as being slightly ill but no serious result was anticipated

Mrs Boal died Sunday Morning

Ther. SUN. JUNE 13, 1897 Wea.

A foggy morning but soon cleared up with a refreshing Northerly breeze.

Thermometer at noon indicated 85°.

Am informed Mrs. B. will be buried tomorrow at the Ashland Cemetery Funeral at house at 3 P.M.

Note to Selma

Ther. MON. JUNE 14, 1897 Wea.

A warm day at work in the garden in the forenoon, at Mrs Beals funeral in the Evening

Evening called on Drs. Young & Montmollin

Ther. TUES. JUNE 15, 1897 Wea.

A warm day, Mr Band
the Children up through
the lot this afternoon,
Mr & Mrs Hanna called
this Evening

Ther. WED. JUNE 16, 1897 Wea.

The Mercury at about 86
all day
Walked in hot sun
a little to long for my
good
News of Mr Sam Giorys
death in the Scotia paper

Ther. THURS. JUNE 17, 1897 Wea.

Heavy rain last night washed garden badly light broken cloud in morning

1 P.M. T. 82°

Ther. FRI. JUNE 18, 1897 Wea.

Heavy shower at 8 am
3/4 day at work filling ditch
Shower 2 pm 3/4 Day
Warm day Ther 82° ±

Ther. SAT. JUNE 19, 1897 Wea.

70° 6 am floating clouds
1 day on detail
Finished Pennaquid Fort-
in the morning. In the
Evening. feeling somewhat
like work went into the
garden where worked near-
ly all the Evening

Ther. SUN. JUNE 20, 1897 Wea.

71-7 a.m. Heavy thunder in the night, but little rain

Wrote to Mrs H—

Ther. MON. JUNE 21, 1897 Wea.

5 am 54 Clear, a cool
day but pleasant
1/4 Day on ditch
Capt 1/2 day mowing

Wea. Ther. TUES. JUNE 22, 1897 Wea.

ol 5 am 53°, heavy fog
1 Day on dist
Capt 1/2 day Mowing
Lumber came this Evening

Ther. WED. JUNE 23, 1897 Wea.

82°-2 PM clear

ea. Ther. THURS. JUNE 24, 1897 Wea.

A Shower Early in Morning
70-6½ appearances favour
a fair day
Too much work yesterday
not feeling well

76-7½ clear
Capt working Potatoes

ea. 13 Ther. SAT. JUNE 26, 1897 Wea.

Not feeling well

Ther. SUN. JUNE 27, 1897 Wea.

63-6 are floating clouds

ea. Ther. MON. JUNE 28, 1897 Wea.

Ther. TUES. JUNE 29, 1897 Wea.

86° at Mid Day

Ther. WED. JUNE 30, 1897 Wea.

86-12 am

Ther. THURS. JULY 1, 1897 Wea.

83°-12 fine Shower 2 to 3 PM

Ther. FRI. JULY 2, 1897 Wea.

8 AM 84 - 12 M
85 - 4 PM

Ther. SAT. JULY 3, 1897 Wea.

88° - 12 M (Mercl up)
85 - 6½ PM

Mrs C Peirs & A's family
at tea

Ther. SUN. JULY 4, 1897 Wea.

80° - 8 Am - 12 M, 90°
94° - 3 PM - 92 - 6 PM

Ther. MON. JULY 5, 1897 Wea.

78-6 am - 90 - 12 m
a pleasant day

Ther. TUES. JULY 6, 1897 Wea.

73° - 6 AM partially Overcast
86 - 12 M Nearly Clear
88 - 4 PM " "
86 - 6 " " "

Ther. FRI. JULY 9, 1897 Wea.

88 – 1 PM Clear
88 – 5 PM "

Ther. SAT. JULY 10, 1897 Wea.

72-6 am Clear
88-12 M "
87- 6 PM "

Ther. SUN. JULY 11, 1897 Wea.

72 - 6 am Clear
84 - 12 M. a pleasant breeze
with floating clouds
86 - 4 PM. Thunder storm
followed by slight shower

Early Morning, drizzly.
66°-6 am Overcast.
78-12 M floating Clouds
78-6 P M 4 4

Ther. TUES. JULY 13, 1897 Wea.

64-7½, floating clouds
72-12 on " "

Ther. WED. JULY 14, 1897 Wea.

68–8½ floating clouds
74–6½ clear

Ther. THURS. JULY 15, 1897 Wea.

60 - 5 AM floating clouds
78 - 6 PM " "

Ther. FRI. JULY 16, 1897 Wea.

71°–12 M. Rain & Drizzle
No rain this afternoon
74–6 PM – Light clouds

Ther. MON. JULY 19, 1897 Wea.

80-3 PM floating Clouds

Ther. TUES. JULY 20, 1897 Wea.

70 - 6½ light clouds
82 - 2 PM " "
82 - 6 PM " "

Ther. WED. JULY 21, 1897 Wea.

77 - 11½ am Raining
81 - 6 8m clear

Ther. THURS. JULY 22, 1897 Wea.

66-6 AM, very heavy fog
86-1 PM clear
82-6 " "

Ther. SUN. JULY 25, 1897 Wea.

68-6 am Heavy fog
74-1 PM Cloudy forenoon
78-6 " Light Clouds
Wrote to Mrs Flye.

Ther. MON. JULY 26, 1897 Wea.

74-6 am light-Clouds
Rain in the night
8 am raining again
78-12 M light-Clouds
82-6 PM " "

71-10 am Cloudy
76-12 M "
74-6 PM Light Clouds

Wea. 15 Ther. WED. JULY 28, 1897 Wea.

66 - 6 am floating clouds
76 - 6½ PM clear

Ther. THURS. JULY 29, 1897 Wea.

66 - 6 am Clear 6
79 - 12 M. Clear 8
The eclipse not annular 8
here as reported in the al-
manac.
80 - 6 PM pleasant Buy Clear

Ther. FRI. JULY 30, 1897 Wea.

66-7 am Fog
82-12 M Clear
80-6 PM "

Ther. SAT. JULY 31, 1897 Wea.

66 - 6 am Light Clouds
83 - 12 M Clear
84 - 6 PM light Clouds

Ther. SUN. AUG. 1, 1897 Wea.

72 - 6 AM Light Clouds
80 - 6 PM " "
Showers in the Night

Ther. MON. AUG. 2, 1897 Wea.

84 - 12 Am light cloud
86 - 6 PM Clear

Ther. TUES. AUG. 3, 1897 Wea.

76-6 am Fog
90-10 PM light clouds
90-5 " "
88-6 " " clear

Ther. WED. AUG. 4, 1897 Wea.

76 - 6 AM Clear
90 - 12 M "
76 - 6 PM Cloudy
a Shower at 5 PM & Thunder
(Very Heavy)

Ther. THURS. AUG. 5, 1897 Wea.

70°-6 am Light clouds
80°-12 m " "
81- 6 pm " "

Ther. FRI. AUG. 6, 1897 Wea.

66-9 am, light-clouds
75, 12 M " "
76-6 PM " "

Ther.	SAT. AUG. 7, 1897	Wea.
68° - 6 am		Clear
80 - 12 M		
77 - 6 PM		light clouds

Ther.	Sun. Aug. 8, 1897	Wea.
64 - 6 am	light Clouds	
81 - 1 PM		

ea. Ther. MON. AUG. 9, 1897 Wea.

81-1 PM light clouds
79-6 PM light clouds

Ther. TUES. AUG. 10, 1897 Wea.

70 – 6½ AM Clear
12 AM Showers
12½ PM Rain out

ea. Ther. WED. AUG. 11, 1897 Wea.

65 - 6 am Clear.
76 - 6 PM light Cloud
M. Sinsky 1 Day in garden

Ther. THURS. AUG. 12, 1897 Wea.

63-6 am — Clear
76-12 m — light clouds
Mosquitoes 1 day

60-7 AM Heavy fog
60-3 PM Clear
McInsky 1 Day

Ther. SAT. AUG. 14, 1897 Wea.

65-6 AM clear
86-12 M Light Clouds
82-6 PM " "
M Smith 1 day

Ther. SUN. AUG. 15, 1897 Wea.

70-6 am Cloudy North
78-2 pm Light clouds
Rain in the forenoon

Ther. MON. AUG. 16, 1897 Wea.

67-6 am Light Clouds
76-12 pm " "
72-7 PM " "

Ther. TUES. AUG. 17, 1897 Wea.

64-6½ am Clear
72-5½ light Clouds

M. Smoky ½ day (Morning)
No Post

Ther. WED. AUG. 18, 1897 Wea.

60-6 am Cloudy
76-12 M "
74-6 PM Light Clouds
No Post
McLeansky 1 day

Ther. THURS. AUG. 19, 1897 Wea.

60 – 6 3/4 light Clouds
74 – 1 PM Cloudy
Slight Sprinkle at 9 am,
Mean Sky 1/4 Day
71 – 5 3/4 PM light Clouds

Ther. FRI. AUG. 20, 1897 Wea.

60 - 6 am Fog
76 - 6 PM Clear

Ther. SAT. AUG. 21, 1897 Wea.

60-6 am Heavy fog
78- 6½ pm light clouds

Ther. SUN. AUG. 22, 1897 Wea.

64-6 am Fog
80-1 PM Clear
66-6 " " The heaviest
Shower for years

Ther. MON. AUG. 23, 1897 Wea.

64-6 AM Cloudy
A Sprinkling of Rain
this Morning
70-12 M
Heavy Shower this Evening
66-6 PM Clouds clearing

Ther. TUES. AUG. 24, 1897 Wea.

60 - heavy Fog at 6 AM
71 - 12 M. clear
74 - 6 PM "

Ther. WED. AUG. 25, 1897 Wea.

Rain in the night
64 - 5½ AM - Fog
73 - 6 PM Clear

Ther. THURS. AUG. 26, 1897 Wea.

58 - 6 am Heavy fog
75 - 6 PM Clear
a fine day

Ther. FRI. AUG. 27, 1897 Wea.

66-7 am Clear
82-12 M "
82-6 PM "
77-7½ PM

79-12 M Clear
76-6½ PM 4

17 Ther. SUN. AUG. 29, 1897 Wea.

59 - 6 AM Fog
82 - 12 M Clear
80 - 6 PM "

Ther. MON. AUG. 30, 1897 Wea.

Rain in Night & Morning 66
78-12 M Clear 76
75

Pressed grapes

Ther. TUES. AUG. 31, 1897 Wea.

66–6 AM light clouds
76–12 M clear
75–6 PM 4

Ther. WED. SEPT. 1, 1897 Wea.

63 - 6¾ AM Clear
83 - 12 PM "
80 - 6½ PM "

Ther. THURS. SEPT. 2, 1897 Wea.

69-6 AM light-clouds
a shower in the night
76-6 PM clear

Ther.	FRI. SEPT. 3, 1897	Wea.
63 - 6 AM		Clear
78 - 12 M		"
76 - 6 PM		"

Ther. SAT. SEPT. 4, 1897 Wea.

58 - 6 AM Clear
76 - 12 M "
76 - 6 PM "

Ther. SUN. SEPT. 5, 1897 Wea.

56-6 am Fog
76-12 M Clear
76-6 PM "

Ther. MON. SEPT. 6, 1897 Wea.

57-6 am Fog
76-12 PM Clear
79-6 PM Light Clouds

Ther.	TUES. SEPT. 7, 1897	Wea.
60 - 6 a.m.		Fog
81 - 12 M		Clear

Ther.	WED. SEPT. 8, 1897	Wea.
61 – 6 AM		Light Clouds
86 – 3 PM		Clear
82 – 6 "		"

Ther. THURS. SEPT. 9, 1897 Wea.

60-6 am Clear
84-12 M "

a. Ther. FRI. SEPT. 10, 1897 Wea.

60 - 6 AM Clear
87 - 2 PM light clouds

Ther. SAT. SEPT. 11, 1897 Wea.

60-6 am Clear
86-12 M 〃
84-6 PM 〃

Ther. SUN. SEPT. 12, 1897 Wea.

61 - 6 am Clear
85 - 12 m "
88 - 2½ pm "
83 - 6 " "

64-6 am Clear
85-12 M. "
88-4½ P M "

18 Ther. TUES. SEPT. 14, 1897 Wea.

66-6½ am Clear
88-12 m "
90-3½ PM "
86-6 " "

Ther.	WED. SEPT. 15, 1897	Wea.
64 - 6 AM		Clear
88 - 12 M		"
87 - 6 PM		"

Ther. THURS. SEPT. 16, 1897 Wea.

66-6 am clear
90-12 M
84-6 PM Thunder clouds

At Catlettsburg this Morning
Rst before Noon

Ther. FRI. SEPT. 17, 1897 Wea.

72 - 6 am Sprinkling
Little Rain
66 - 12 M Cloudy lighter
Rain probably over
70 - 6 PM Clear

Ther. SAT. SEPT. 18, 1897 Wea.

a cool Morning
68—12 M Clear
68— 6 PM "
Making Cider

Miss R. came up from M.
with Mill

Ther. SUN. SEPT. 19, 1897 Wea.

50° 6 am. Clear
76 - 1 0'm "
70 - 6½ " Heavy Clouds
Indications of Rain
Feeling dull all day, took
a short walk in the Evening

Ther. MON. SEPT. 20, 1897 Wea.

52 - 6 AM, No rain, Lt. Cloud
60 - 6 P.M., Clear
Making Cider with
Will

Ther. TUES. SEPT. 21, 1897 Wea.

41-6 AM Fog
62-1 PM Clear
60-6 PM "

Frost at Denton & other points back from River

Ther. WED. SEPT. 22, 1897 Wea.

42 - 6¾ Am Fog
66 - 12 M Cloudy
68 6 Pm light-Clouds

Ther. THURS. SEPT. 23, 1897 Wea.

43-6 am S of E
66-6 pm Smoke Lots

a pleasant day
at Cattletsburg the morning

Ther. FRI. SEPT. 24, 1897 Wea.

44-6 AM Fog
70-12 M Smoky

Ther. SAT. SEPT. 25, 1897 Wea.

50-6 am Clear
78-12 M "
75-6 PM "

Ther. SUN. SEPT. 26, 1897 Wea.

53-6 am Clear
76-6 PM "

Ther. MON. SEPT. 27, 1897 Wea.

60-6 am Clear
70-12 m "
68-6 pm "

Ther. TUES. SEPT. 28, 1897 Wea.

49 - 6 am Clear
70 - 12 m "
70 - 6 PM "

45 - 6 am Clear
75 - 12 Nn "
72 - 6 Pm "

19 Ther. THURS. SEPT. 30, 1897 Wea.

48-6 am Clear
68-7 pm "

Ther. FRI. OCT. 1, 1897 Wea.

48-6 AM Clear
78-12 M "
74-6 PM "

Ther. SAT. OCT. 2, 1897 Wea.

50°-6 AM Clear
76-6 PM "

Ther. SUN. OCT. 3, 1897 Wea.

52-6 am Clear
70-12 M. "

Drafted out, Mrs
Mr Evans a Family
Dr, Young Spent
Evening with us

Ther. MON. OCT. 4, 1897 Wea.

40-6 Am Fog.
64-6 P.M. Clear

Ther. TUES. OCT. 5, 1897 Wea.

38-6 AM Clear
Light frost on Mills Roof
None on stable but on
board in garden
72-5½ PM Clear

Ther. WED. OCT. 6, 1897 Wea.

56 - 6 am Clear
68 - 12 M "
Gone Lins Ky bound
this Morning
66 - 6 PM "

Ther. THURS. OCT. 7, 1897 Wea.

46 - 6 am floating Clouds
68 - 12 M Clear
64 - 5½ PM

Ther. FRI. OCT. 8, 1897 Wea.

42-6 am, Heavy fog
68-6 PM Clear

Ther. SAT. OCT. 9, 1897 Wea.

50-6 am Clear
70-12 m "

Ther. SUN. OCT. 10, 1897 Wea.

48° - 6 am Clear
74 - 5½ PM, Light-Clouds

Ther. MON. OCT. 11, 1897 Wea.

66 – 6 am Light clouds
75 – 12 M " "
72 – 5½ PM Raining
Rain soon, a clear night; Moonlight

Ther. TUES. OCT. 12, 1897 Wea.

64 - 6 am. Bank of clouds in the N.
76 - 12 M clear
73 - 5½ PM "

Ther. WED. OCT. 13, 1897 Wea.

50 - 6¼ Clear
78 - 1 PM "
78 - 5½ PM. "

Ther. THURS. OCT. 14, 1897 Wea.

54-6 AM Clear

76-6 PM "

56 - 6 am Clear
80 - 12 m "
84 - 4 PM "
78 - 5 3/4 PM "

20 Ther. SAT. OCT. 16, 1897 Wea.

53-6 am Clear
83-12½ PM "
76-5½ " "

40 Bus Coal

Ther. SUN. OCT. 17, 1897 Wea.

60 - 6 am Clear
62 - 12 M Cloudy N. - S. E.
62 - 5½ PM Clear

Ther. MON. OCT. 18, 1897 Wea.

46°-7 am clear
68.05 pm "

Ther. TUES. OCT. 19, 1897 Wea.

52-6 am Cloudy
a cool Smoky day
at Central City, and
at Mr Evans, at home
at 7 Pm

Ther. WED. OCT. 20, 1897 Wea.

52 - 6 AM Overcast
67 - 12 M Smoky
64 - 5 PM Overcast

Ther. THURS. OCT. 21, 1897 Wea.

52 - 6 am Fog
64 - 12 M. floating Clouds

Ther. FRI. OCT. 22, 1897 Wea.

48 - 7 am Clear
62 - 12 M "
62 - 5½ "

Ther. SAT. OCT. 23, 1897 Wea.

42 - 6 am Fog
63 - 12 m clear
56 - 7 PM "

Ther. SUN. OCT. 24, 1897 Wea.

42-7 am Fog
60-12 M Clear
59-7 PM "

Ther. MON. OCT. 25, 1897 Wea.

40 - 6 am Fog
63 - 12 M light clouds
63 - 6 PM Clear
Mr. Boal left for Cal.

Ther. TUES. OCT. 26, 1897 Wea.

44-6 AM Fog
64-6 PM Clear

Hyman 40 B. Coal

at Gallitzburg This eve

Ther.	WED. OCT. 27, 1897	Wea.
48-6 am		Clear
70-12 m		"
69-6 PM		"

Ther. THURS. OCT. 28, 1897 Wea.

70-12 M mr cast
68-5½ PM Cloudy
Slight Sprinkling of
Rain

Ther. FRI. OCT. 29, 1897 Wea.

50-6 AM, Clear Night
56-12 M Floating Clouds
50-6 PM Clear

Ther. SAT. OCT. 30, 1897 Wea.

34-6 am, heavy frost.
12-M 58 Clear
5-6-5½ PM "

Gathrd green Tomatoes
+ dug Potatoes

38-6 am Clear
66-12 M Part Clear
67-6 PM Raining
gently

ea.

21 Ther. MON. NOV. 1, 1897 Wea.

54 - 6 am still raining
but not heavily
60 - 6 PM still cloudy but
not raining

Ther. TUES. NOV. 2, 1897 Wea.

52-6 am Cloudy
52-12 M "

Raining.
Martin & Miss Sadlette
Married this Evening

ea.

Ther.	WED. NOV. 3, 1897	Wea.
40 - 6 am		Clear
58 - 1 PM		"
52 - 6 "		"

Ther. THURS. NOV. 4, 1897 Wea.

36 - 6 AM clear Night
but fog this Morning
63 - 10 AM Clear
64 - 5 PM "

Ther. FRI. NOV. 5, 1897 Wea.

44-7 am clear
64-1 8 PM Cloudy
a cloudy day with indications of rain
Law Dr & Mrs Weis off this Evening

Ther. SAT. Nov. 6, 1897 Wea.

48-6½ am Cloudy
54-1 PM Clear

Called on Pat. Lucile with
this Evening. Found him
brighter than the last call

Ther. SUN. NOV. 7, 1897 Wea.

42-7 AM Cloudy
1-8 PM 46° Raining
46-6 PM "

Ther. MON. NOV. 8, 1897 Wea.

6 8-7 1/2 AM Cloudy
6 at Just-Raining. &
Rainy Night
Raining Again at 8 AM
60 1/2 PM " Raining
60 5 1/2 " "

Ther. TUES. NOV. 9, 1897 Wea.

5 3 - 6½ AM, floating Clouds
5 0 - 12 M, Stiff Wind S & W
and cloudy

Ther. WED. NOV. 10, 1897 Wea.

44 - 6½ am, Cloudy. damp
7 PM Moon seen
through the clouds

Ther. THURS. NOV. 11, 1897 Wea.

52-7 AM Cloudy drizzly
Rain in the night
cool windy Evening
42-6½ damp & Cloudy

Ther. FRI. NOV. 12, 1897 Wea.

32-6½ Am. Clear

Ther. SAT. NOV. 13, 1897 Wea.

5½ P.M. 46 Very Smoky.
Called on Sneddiker this
evening, Not so well as
last week
We have had a pleasant
day but rather cool

Ther. SUN. NOV. 14, 1897 Wea.

40-7 am. damp, cloudy
56-12 M. Sun out
62-7 PM cloudy

Ther. MON. NOV. 15, 1897 Wea.

66-9 am, Warm Overcast
7 2-12 m, floating Clouds

66 - 8 am Cloudy may rain
12 M raining
46 - 2½ PM N. W. raining
42 - 5½ PM, rain perhaps
over but still damp & Cloudy

22 Ther. WED. NOV. 17, 1897 Wea.

30-7½ Clear. Heavy frost
34-7 8m "

Ther. THURS. NOV. 18, 1897 Wea.

26-6½ am. heavy frost
36-6¼ pm

Ther. FRI. NOV. 19, 1897 Wea.

30 - 6 3/4 Clear
54 - 12 M "
53 - 5 1/2 PM Overcast, a
Very Red Sunset

Ther. SAT. NOV. 20, 1897 Wea.

A pleasant day

Ther. SUN. NOV. 21, 1897 Wea.

66-12 M Clear
64-6½ 8 PM "

Ther. MON. NOV. 22, 1897 Wea.

48-6½ Fog
53-12 M Overcast
44-6 PM, Cloudy & damp

Ther. TUES. NOV. 23, 1897 Wea.

32 - 6½ Rainy night
but clear Mohs
36 - 12½ Broken Clouds
36 - 6 PM Cloudy

24 - 6½ a.m., Fog
41 - 5 p.m., Northeast
a clear night

Called at Mullegans
Dr. J. Goums & Sudduths

Ther. THURS. NOV. 25, 1897 Wea.

40 - 6½ AM Overcast
56 - 12½ PM, Cloudy
Warm Night

Ther. FRI. NOV. 26, 1897 Wea.

60-7 am broken clouds
70-12 M " "
Tel. from W. F Lyle that he would be here to night
later that he would be delayed
Raining at 5 PM

Ther. SAT. NOV. 27, 1897 Wea.

38-7 am, Cloudy
Rain in the Night
36-7 pm clear

M. F. & Edwin arrived
this Evening
Was at Coal Grove to Meet
them but they left the
train at Ironton, so I
missed them

Ther. SUN. NOV. 28, 1897 Wea.

37 – 8½ AM Clear
48 – 5½ PM Cloudy

Ther. MON. NOV. 29, 1897 Wea.

5 PM 36 Overcast
Mrs Read very ill time
Chasing at dinner
a cool day

Ther. TUES. NOV. 30, 1897 Wea.

21 - 6½ AM - Fog
32 - 5½ PM Clear

Ther. WED. DEC. 1, 1897 Wea.

36-6¼ Am. Fog
51-12 M Light Clouds
45-5¾ Bright Moon
Edwin left this Evening

32 - 7 am Light cloud
36 - 12 M " "
37 - 5 PM cloudy

23 Ther. FRI. DEC. 3, 1897 Wea.

38-7½ AM Raining
40-12 M "

Ther. SAT. DEC. 4, 1897 Wea.

32 - 7 am ~~Raining~~ Light Cloud
36 - 12 M " "

45 - 7 am Raining
a Rainy night
53 - 1½ PM dark & cloudy
Rain probably soon
48 - 6½ P.M. Raining again

Ther. SUN. DEC. 5, 1897 Wea.

32 - 6½ AM Cloudy
32 - 5½ PM
Mercury Mean 32 the
entire day

Ther. MON. DEC. 6, 1897 Wea.

30-7 am Clear
a light coating of snow
36-12 M cloudy
36-5 PM bright clouds
in the west

Ther. TUES. DEC. 7, 1897 Wea.

39-6 am, Clear
48-12 M "
42-6 PM " Light-Snow

Ther. WED. DEC. 8, 1897 Wea.

34-7 am Clouds. fog
a clear night
5-7-12 M Clear
56-5½ PM Overcast

Ther. THURS. DEC. 9, 1897 Wea.

50 - 6 am Cloudy
57 - 6½ PM Clear

Ther. FRI. DEC. 10, 1897 Wea.

44-7 am. floating clouds
63-12 M " "
60-6½ PM " "

Ther. SAT. DEC. 11, 1897 Wea.

58-7 am floating clouds
58-12 M " " "
50-5½ PM Overcast-

Ther. SUN. DEC. 12, 1897 Wea.

44 - 6 AM Overcast
46 - 12 M Light Clouds
44 - 5 PM Overcast
6 " " Clear

Ther. MON. DEC. 13, 1897 Wea.

34 - Clear
48 - 5½ PM Raining

Ther. TUES. DEC. 14, 1897 Wea.

~~44, 6 A.M. Forecast~~
~~46 - 12 M. Light Clouds~~

48 - 6½ AM drizzly
47 - 6 PM
a rainy drizzly day

Ther. WED. DEC. 15, 1897 Wea.

41-6 am. Overcast
42-5 PM "

Ther. THURS. DEC. 16, 1897 Wea.

35-7 am Clear
52-5 PM, a pleasant
Morn'g. Evening Cloudy
John & Jeff visited Cat-
tsburg this Evening

Ther. FRI. DEC. 17, 1897 Wea.

52-12 M + Raining, a
Cloudy morning. Drew
water out of cistern
53-5¼ PM Raining
Cleaned Cistern this
Evening. Rain since
2 P.M.

28-7 am. Overcast
30-5 PM "

25 - 7 am - Ornear st -
33 - 1 pm clear

Ther. MON. DEC. 20, 1897 Wea.

Rain in the Night
33-6 am Raining
& Sleety
40-12 M, Drizzly
52-3 P.M. Cloudy

Ther. TUES. DEC. 21, 1897 Wea.

38-6 am Cloudy, Rain
in the night
36-5 PM Cloudy
a Cloudy day

Ther. WED. DEC. 22, 1897 Wea.

33-5½ Am Overcast
32-6 PM Clear
a Cold day

Dominick Watts Funeral
this Evening

Ther. THURS. DEC. 23, 1897 Wea.

27 - 8 am Cloudy -
ground white with snow
25 - 5½ PM still cloudy
spitting snow all day

Ther. FRI. DEC. 24, 1897 Wea.

10 5 - 5½ am Clear

2 2 - 6½ PM "

Ther. SAT. DEC. 25, 1897 Wea.

16 - 6½ am Clear
38 - 12½ PM "
36 - 8 PM "

Mrs Mont. called this Evening bringing Christmas Remembrances

Ther. SUN. DEC. 26, 1897 Wea.

1, PM 39° Clear
6. A 36 "

Mr Reis called this
Evening

Ther. MON. DEC. 27, 1897 Wea.

30 - 6 am, Overcast
32 - 6 PM, light Clouds

Ther. TUES. DEC. 28, 1897 Wea.

28 - 6½ AM, Overcast
37 - 12½ PM, Light Clouds

Ther. WED. DEC. 29, 1897 Wea.

34-6 am Overcast
42-12 M
43-5 PM, Broken Cloud

Ther. THURS. DEC. 30, 1897 Wea.

40 - 5½ am Clear
48 - 5½ PM Overcast

Ther. FRI. DEC. 31, 1897 Wea.

39-6 AM Raining
30-1 PM Snowing
28-6 " Cloudy

Jan. 21

Chic. R. R. C. & I. Co. $ 71.87
Drew out 57.87
Remains in Bank $ 14.00
120 ft. Wire Netting 1.80

April, 100 Mm

Aug 31 Paid $1 for News to Oct 29.

Paid 1/2 for C. Hunted to Mrs M. K. Hilton for 1 Qt

To Kill Cedar 1/4 oz Sulphate of Lime to Gall.

Oct 16 Deposited in 1st Nat. Bank Check for $100.00 in favor of Henrietta Hyde Hilton

Int. on $1130 Oct 4/97 = $27.12
Draw on Penn 130.00
$157.12

Int on 700 at 7% -
Oct 19-96 to Apr 20-97 - 24.64
Apr 20-97 " July 12-97 111.20

Int on 550
July 12-97 to Dec 15.97 16 89
$52,123
Rec'd Apr 20-97 21.00
Due Dec 15/97 $31,23

Time 6 Mos 1 day
" 2 " 22 "
" 5 " 13 "

Oct Coal at Plymouth

7th	40	Bushs	
16th	40	"	
26	40	"	"
28	40	"	"
"	40	"	"
"	40	"	"
29			
Nov.			
27	40	"	"
Dec 9th	40	"	"

Int on 700 to Apr 29/97 = 11.15
" " 5500 " Oct 29/97 = 5.50
16.65
2.70
Back Int due 6.85
26.20
Subscribed for Christian Herald for Abby on Aug 31-97 paid 1.50

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.	Date
	Cash on Hand	18.80		21
1	Oysters &c		1 20	"
2	Boy P.O. & Lath		30	21
4	Meat		55	
"	Mr—	15 00		
"	Weyssic		4 00	22
5	C. Tartar & C		30	
6	Meat		25	
7	Cigars		10	
8	Meat		25	23
"	Mr		3 00	
"	Mrs Book		50	
9	Mr		70	
"	Shoe Polish		10	25
11	Meat		35	
"	Mr		50	28
	Shoe soles		10	30
16	Meat		40	21
	Tobacco		10	
18	Shoestrings		05	

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
21	Hi		12,00
"	Bank	31 87	
21	Dredrick		6 15
	Oyster		1 25
	Coal Kods		60
22	Build ass.		5 00
	Meat & Mustard		30
	Onions		2 00
	Hostetters		85
23	J Mc Dyer	5,00	
	H		10
	Coffee		1 00
	Oil & Can		1 85
25	Salt		20
	Pigs feet		10
28	Meat &c		45
30	Meat; Meat &c		65
21	Ofa, c, & d.	71 87	

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.	Dat
1	Cash on hand	4 30	~~4 30~~ 0	15
1	Fish		30	
2	Post		25	"
3	Meat		35	"
"	Alcohol		50	"
"	Corks &c		15	"
"	Cocoa		25	1
4	Drugs		50	
4	Tin Ware		15	
6	Meat & Bananas		35	17
6	Butter		25	
8	Meat		30	18
9	H		10	20
9	W. F. Knipe	85		21
11	Meat		40	2
"	Tobacco		15	"
15	~~Sch &c~~		~~2 75~~	24
	~~Nibbs~~		~~1 15~~	
	~~Meat~~		~~20~~	
	~~Book~~	~~25 00~~		~~25~~
26	Meat	85	25	2
		1 15		

CASH ACCOUNT. FEBRUARY.

d.	Date.		Received.	Paid.
			5 15	
0	15	Bank	25 00	8 55
0	"	Slough		3 75
25	"	Merchant A. B.		50
35	"	Dedrick		3 60
50	"	Meat		20
15	"	Fish		35
25		H. Shore		1 75
50		Frank Fisher	2	90
15		" Potatoes		50
35	17	Build Ass		5 00
25		Broom Twine		25
30	18	Postage		10
10	20	Wheat		15
	21	Butter		25
40	22	Spittoon & Meat		50
15	"	Oil		1 35
75	24	Rat & apples		2 45
75		Fans to Cattlesburg		40
50		Cough drops		05
	25	Twine	30.15	30.40 10
25	26	Drugs &c		70

CASH ACCOUNT. February MARCH

Date.		Received.	Paid.	Date
Mar		30 15	30 40	18
27	Meat-2c		50	19
				"
1	March Shoemaker		65	23
1	Abstract Co	100		"
2	Post-		25	"
	Printing Paper		100	24
5	Meat 2c,		55	24
6	Lob		10	24
9	Cabbage-Lyn		15	25
9	Build Ass.	1600	16	"
9	" "		5 00	
11	Meat-		20	26
	Meter acc		55	"
	Gloves		25	
12	Mrs Montemollin			30
"	Just our Note	7,00		
	~~Jo~~		2 00	
16	Martin Sr in full		1 75	
	H		75	
18	Meat-		50	

CASH ACCOUNT. MARCH.

d.	Date.		Received.	Paid.
40	18	Nails		15
50	19	Wire Netting &		1 80
	"	Grass Seed		50
65	23	Brewer		1 00
	"	Alcohol & Reds		30
20	"	Meat (76)		50
00	24	Fertilizer		1 75
55	24	Soda		25
10	24	Crash		42
15	25	Bank	20 00	
	"	Drug Store		1 05
00		Goldbrick Bro		4 80
20	26	Reeds & Tob.		50
55	"	8 Galls oil		1 15
25		Mill 2 Days		2 00
	30	Steak		25
		24		20
00				
75				
75				
50				

CASH ACCOUNT. APRIL.

Date.		Received.	Paid.	Date
1	Garden Seeds		40	15
1	Manure		1 50	
1	Boy P.O.		25	17
3	"		50	"
5	"		50	"
	Pot. & Meat		25	19
9	N. F.	100 00		"
9	Meat, Sulphur		25	20
12	Crackers, Tea		1 05	"
"	Tob, Candy		15	
"	Alcohol		75	22
"	"		1 40	24
14	Fish & Sauce		1 25	26
"	Drygoods Clothing		3 50	
"	2 Bags Drawers		2 00	
"	Undershirts		50	27
"				
15	Cocoa, Meal		45	29
"	Butter		20	
"	Corn		1 50	
11	Sea-pork &c	13 65	70	29
			13 70	
"				

d.	Date.		Received.	Paid.
40	15	News to Aug 20	12	1 20
50		Kindlings	25	1 25
25	17	Veal		55
50	"	Groceries		80
50	"	"		1 25
25	19	Build. Ass		5 00
	"	Past- Glasses		35
25	20	Pills & paraffin		45
05	"	Bill for apr 19		1 00
15		Meat 2c		30
75	22	Ploughing		3 00
40	24	Peat sticks		15
25	26	Shoes		2 85
50		Barber		25
00		"		25
50	27	Meat 25 Cotton	45	70
45	29	H. J. 2c		35
20		Poages 6.75 - Mourke 20		6 95
50		Brush		20
70	29	Potatoes Coffee	27 20	55
70				41 90

Bullock 1.35 Chimney 25 Stockings 1.25 - Cobbling 35

CASH ACCOUNT. MAY.

Date.		Received.	Paid.	Date
1	Macaroni		20	
1	William Brandy		65	
1	Laundry		25	
1	Crossing Rice		10	
1	Hominy		10	
1	H d R &		50	
3	Fish		50	
3	Nat		2 00	11
	Nut Coal		1 75	
	Servings		1 80	12
5	Meat		25	
	Knife		85	
6	Veal		25	
7	Build. Ass. J		5 0	
	Brush & Black		35	
	Watch Key &c		40	
8	Ham 97 + Tea 75		1 72	17
"	Iron Hook		1 50	17
"	Oil		1 20	
				2

CASH ACCOUNT. MAY.

d.	Date.		Received.	Paid.
20		Of acct Co	70,00	
65		Int-on 1200	21,80	
25		H		20 00
10		Nails		30
10		Oats Brandy		1 30
50		Fare to Boston		35 10
50		Brewer		25
00	11	Fare to A. Bridal		1 00
75		do		15
80	12	Breakfast		1 65
25		Dray age		1 00
85		2 Tickets		4 75
25		Hotel Bill		2 00
0		Age do		20
35		Message		60
40		Brush & Fob		55
72	17	Hostetters		1 00
50	18	Stamps		25
20		Whitegum		35
	21	Washing		44
		Court-Plaster		10

20 Whiskey, 80

CASH ACCOUNT. Petty

Date.		Received.	Paid.	Date
10	2 fares Boston		35 10	14
	Hotel Bills		3 85	17
12	2 Tickets to Burns &		6 75	19
	Hotels &c		2 80	2
30	Sundry Bills	63 44	6 69	
	Fare to B & Back		1 50	
31	" " Boston		3 25	22
	Hotel Bills &c		1 55	
	Fare to Duxbury &c		1 20	
	Celery Coupons		85	24
	Postage		10	
	June			
7	Duty to B & C	23 38	1 20	
	Fare to C. G & Wood		2 90	2
	On Route		25	
12	Sundry, Garden		1 75	
	Meat & Dipper		70	
	Build Asb.		5 80	
	Celery Comp.		85	
	Job		05	
12	"		1 15	

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
14	H		2 50
17	Drug duties		1 00
19	on ditch		2 00
21	H-		1 50
	Nails & Tob		30
	Meat		25
22	H		25
	Capt Brown		1 00
	on Ditch		2 25
24	Meat		25
	Simon &c		8 55
	Cash of Vey Rec		20 00
28	Capt Brown		50

CASH ACCOUNT. JULY.

Date.		Received.	Paid.	Dat
2	H		1 00	24
2	Pants 3 to 5 y/o		3 50	26
	Medicine		80	27
	Tob for W. Wag		50	27
5	H		1 00	29
7	Quinine		35	
11	C. Comp 2 c		1 00	
12	Build ass.		5 20	
"	B.C. for H & 6 y/o			
	Meat		20	
"				
13	Blackbirds		15	
14	Bypass		20 00	
	Boy sent		25	
	Newman (Pants)		3 50	
	& Cash	24 00		
	Build ass.	25 00		
	Int-		20	
20	C. Comp		85	
"	Meat		20	
"	Oil		1 25	
21	Brown		40	

CASH ACCOUNT. JULY.

id.	Date.		Received.	Paid.
00	24	Meat		40
50	26	Brewn (Capt)		30
80	27	Potatoes &c		25
50	27	"		20
00	29	Meat - Pepper		45
35	"	~~Butter~~		~~40~~
00				
20				
20				
15				
00				
25				
50				
20				
85				
20				
25				
40				

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.
5	Post		25
	H		75
5	Dutruck		4 25
"	Nails		25
7	Windows F.		15
	Meat		30
	Build ass	17 00	20
	Thread		10
10	Pens & Envelopes		15
	C Sartain		25
	Coal		1 85
13	Celery Comp		85
14	M Lusky		2 00
17	Dutruck		1 12
"	Meat		25
	Turpenture		10
	M Lusky 5 3/4	5 75	
19	" " Cash		2 00
	Due Simo 1.75		
20	H & Oil		25
"	Nails		10

Date

21

24

26

27

31

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.
21	Meat		30
	H		30
	Press Irons		3 00
23	Ammunition		25
24	Meat & Basket		30
26	Bread		05
	H	30 00	
27	Feed		3 40
	Meat		15
	McCuskey in full		1 75
31	Meat-Simonds		95
	Diduchs Bill		5 40
	News		1 00
	C Hrala		1 53

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.	Dat
2	Butter		40	2
4	Alcohol & S. Lime		80	
"	Meat & coffee		70	
"	Melons		25	2
"	Lock		20	2
6	Ham		93	2
	Boiled ass		5 20	11
7	Limes		75	
	"		25	28
10	Matches		15	
11	"		20	
	Medicine for Catarrh		50	29
	Wash Basin		25	
	Bread		10	30
13	Sugar-Meade		50	
15	Bismuth		20	
	Meat		15	
	Sap Duo		3 00	
16	Cathedstone		25	
	Oil		1 25	
16	H 75		75	

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.
21	Tartar Meat &c		55
	H		25
	Stamps		25
22	Thread &c		20
23	To Cattlesburg		20
25	Meat		40
11	Check of J. M.	5.00	
	Check J D		
28	Transcript		2 03
	Pins &c		20
	Store Ellows		40
29	Meat &c		30
	October		
30	H	30 00	

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
2	Meat		30
	P.O. Box		25
	Butter		40
4	H. County Jay		39 75
"	H City		23 75
"	Jeff County "		22 80
"	" City "		18 45
"	Build. Ass		30 00
"	Sidwicks		11 45
"	Meat		25
"	"		4 00
"	K.J.&C. on Note	157 12	
"	Mrs McMotter	10 50	
" 5	Nails		25
	Casears		25
	Nails		20
6	Lumber		2 60
	Sal Soda Soap		1 25
	Cocoa		30
7	Meat		35
	40 B. Coal Heyman		

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
8	Butter	5.00	40
10	Chain Coon		1 43
"	Meat &c		95
"	Sugar		25
12	Apples		20
	H		30
13	Tea & Sacks		85
	Fare to Park	2.85 Bal	10
15	Meat &c		30
	Kidney Pills		50
16	Meat		20
	H		20
18	Lamps Chimneys		50
20	Meat		20
21	Pot. & Sugar		65
	Spices		10
22	Sugar &c		35
23	Meat &c		45
26	Fare to C. & S.		30
27	Meat		35
	Nails		20

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.	Dat
2	Dudrick		3 80	26
	Meat & Beans		50	27
	Bitters		85	29
3	Medicine		25	
	Nails		05	
4	Butter		25	
9	Medicine		1 05	
	Meat		35	
	Milk		40	
	Oil		1 25	
12	Crackers &c		40	
13	Groceries		1 25	
18	Meat &c		40	
	Shoes		2 00	
19	"		75	
20	Lard Meat			
	Lapples		1 30	
22	H for Board bill			
23	Meat		15	
	Build Ass		5 00	

CASH ACCOUNT. NOVEMBER.

id.	Date.		Received.	Paid.
80	26	House		28
50	27	Hack		45
85	29	Meat		45
25				
05				
25				
05				
35				
40				
25				
40				
25				
40				
00				
75				
30				
15				
00				

CASH ACCOUNT. DECEMBER.

Date.		Received.	Paid.	Dat
1	Sugar		25	24
	Doans Pills		50	"
2	Milk		20	27
9	Ice		10	29
	Groceries		35	"
11	C. Tartar Tob		35	"
	H		25	"
15	Cattlesburg		20	30
	Toys		20	
17	Cisterns		25	31
18	Hyman Bank	20 00	[illegible]	"
19	Hyman		10 05	"
18	Bakers		25	
20	Mustard Seed		40	
	Beef		6 26	
	Herald		1 53	
	Groceries		2 25	
	Book		80	
	Knife		55	

CASH ACCOUNT. DECEMBER.

id.	Date.		Received.	Paid.
25	24	Meat		25
50	"	9#	1 00	
20	27	Bor. Oyster	5 00	
10	29	Build. ass.		5 00
35	"	Meat		25
35	"	Honey.		1 40
25	"	Casting		35
20	30	96	18 50	
20		Commode		3 00
25	31	Corn		2 75
[illegible]	"	Oysters &c		85
00	"	Oyster		5 00
25				
40				
26				
53				
25				
80				
55				

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.					
FEB.					
MAR.					
APR.					
MAY.					
JUNE.					
JULY.					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					

BILLS PAYABLE. JANUARY.

Date.	Name.	Dolls.	Cts.
11	Murkart, Bitters		
13	Vaysse, Table cloth	1	25
16	Coburn 2 coal hods		62
	Total	1	87
18	[illegible]		

RECEIVABLE.

	O. J. A. C. & I. Co's	$ 51	78

BILLS PAYABLE. FEBRUARY.

Date.	Name.	Dolls.	Cts.
8	Dudley & Co		
	Sugar 2# Soap 1/2	2	50
	Lingo + c		70
	Mdse 360		40
	Phosphate Merchant	1	50
10	Trunk Fish		90
10	Potatoes		50
13	Scratch Corn & Wheat	1	75

RECEIVABLE.

Cts.
50
70
40
50
90
50
75

BILLS PAYABLE. MARCH.

Date.	Name	Dolls.	Cts.
23	Kyle	1,	11

RECEIVABLE.

BILLS PAYABLE. APRIL.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

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Date.		Dolls.	Cts.
	Route to Miami		
	Coal Grove		
8.10 PM	Columbus		
7.57 PM	Boston		
2.23 PM	Brunswick		
	Fare to Boston	$17	35
	Time		
	to Columbus	4	36
	Delay at "	5	30
	Columbus to Boston	18	07
	Delay at "	1	03
	Boston to Brunswick	5	23
		34	49

Atlantis, the antediluvial World — Donnelly

American Gardening $1.00

A. T. DeLaMare Publishing Co

Rhinelander Bld N. Y. P. O.

Box 1697 — Rose & Duane St

MEMORANDA.

Date.		Dolls.	Cts.
	82 Yrs 66 Yrs		
	J. H. - May 10/81 - A.B.H. Mar 15/	5	3
	B.K.H, Mar 7/82 - 63 Years		
	E.B.H. Apr 24/80 - 70 Yrs		
	C.K.H. Decr 11/60		
	May 21st in Laundry		
	1 Under, 2 Our Shirts		
	2 collars, pr Drawers		
	1 H. K.C.		
	Leave Brat Albany Pittsfield		
	F. 30 am - 10.30 - 2 pm - 2.43 am - 4.05 - 7.47 pm		
	3.50 am Albany		
	State & County		
	M.T.H Sat 97	22	80
	K.H.H, " 97	39	75
	Clara 23/4 Wool + 1 Cotton	2	55

Cts.

53

ADDRESSES.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

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STREET, No.

CITY.

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STREET, No.

CITY.

urned.

LETTERS.

Rec'd.	Name.	Answered.
Feb 10	From Abbie	
"	To Abbie	15 Feb
Feb 20	From Abbie	
"	To Abbie	25 apr
May 15	Letter from N. F.	
" 18	" to "	
" 24	to Henrietta from May	
June 13	To Selina H.	
" 20	" Wm H.	
July 25	wrote to Wm Flye	
Sep 15	Letter from N. F. to Henriette	

LETTERS.

Rec'd.	Name.	Answered.
	Fugio Cent	25.00

LETTERS.

swered.	Rec'd.	Name.	Answered.
5.00			

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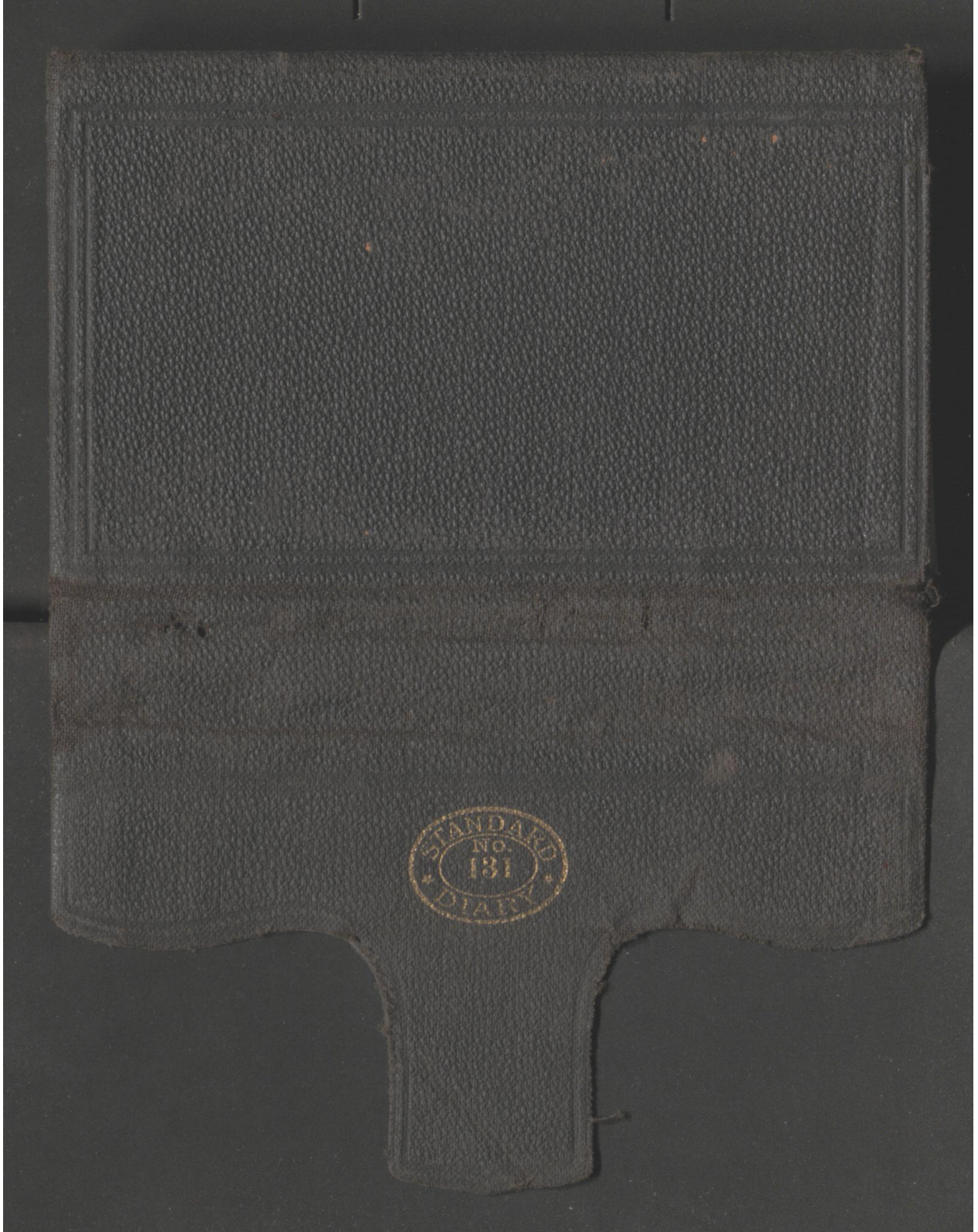
LETTERS.

Rec'd.	Name.	Answered.

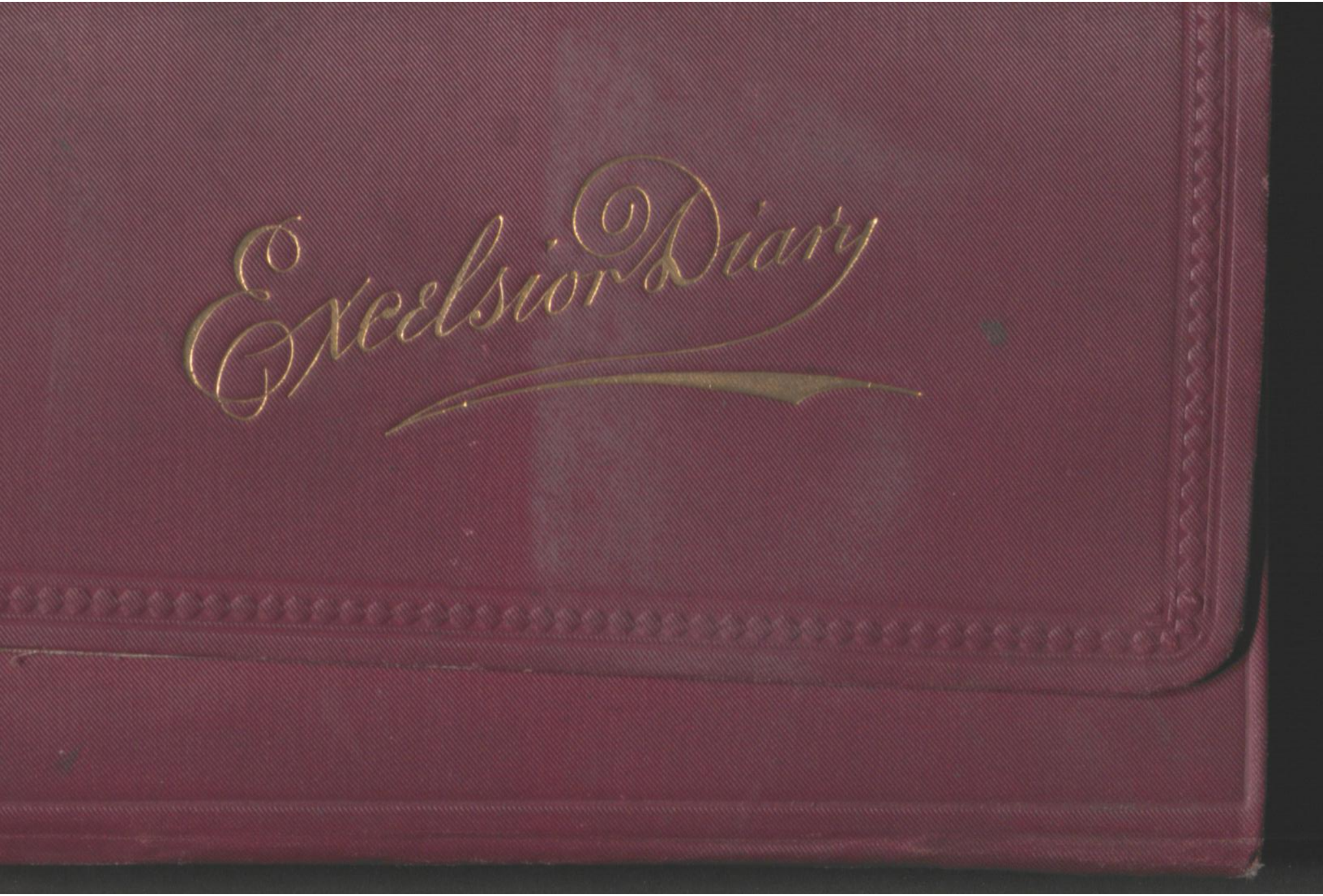
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4843
1686 15-

1844-90-15
843
1760-6 15-

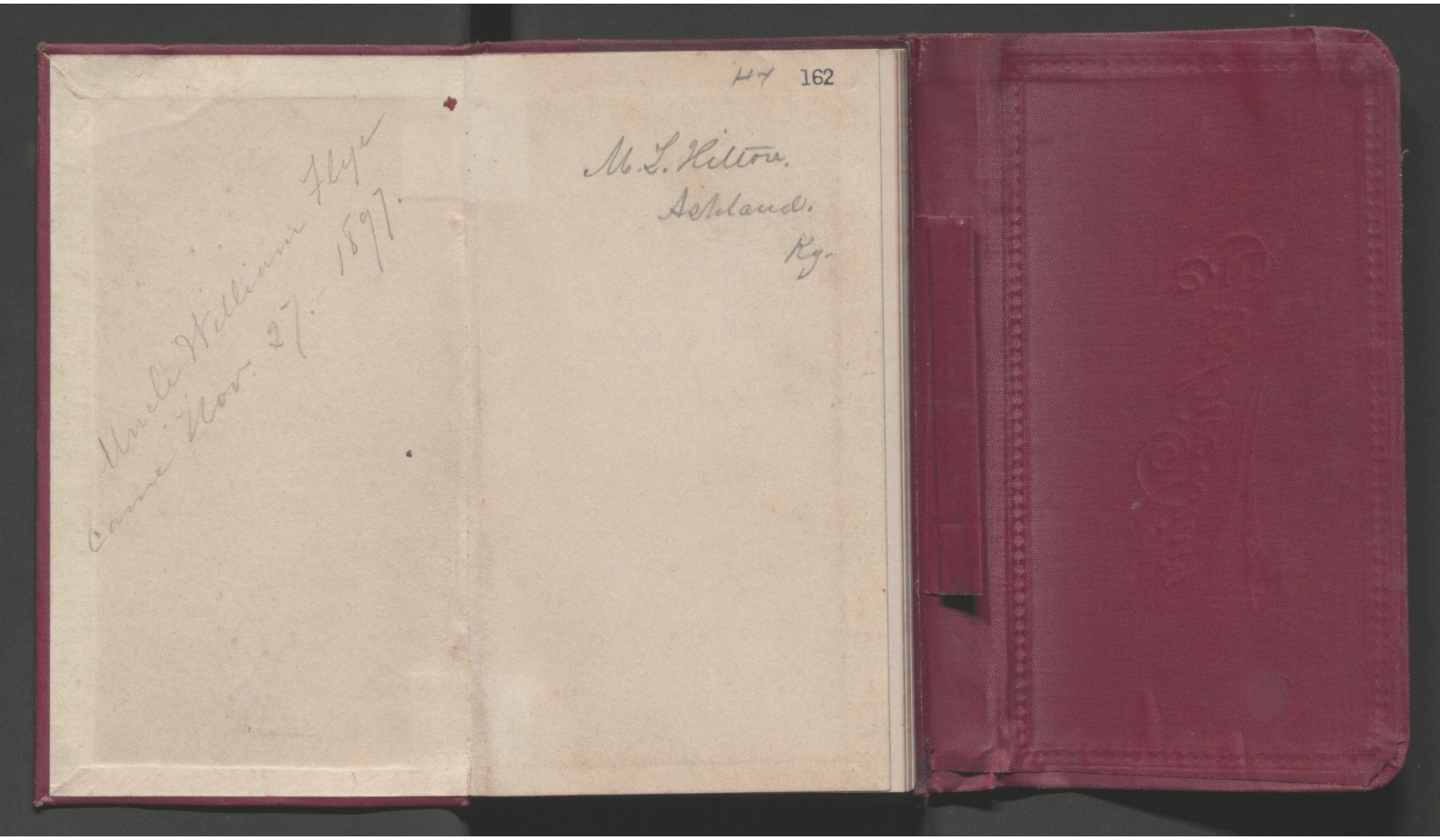
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STANDARD
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181
DIARY


STANDARD
NOTARY
No.
181

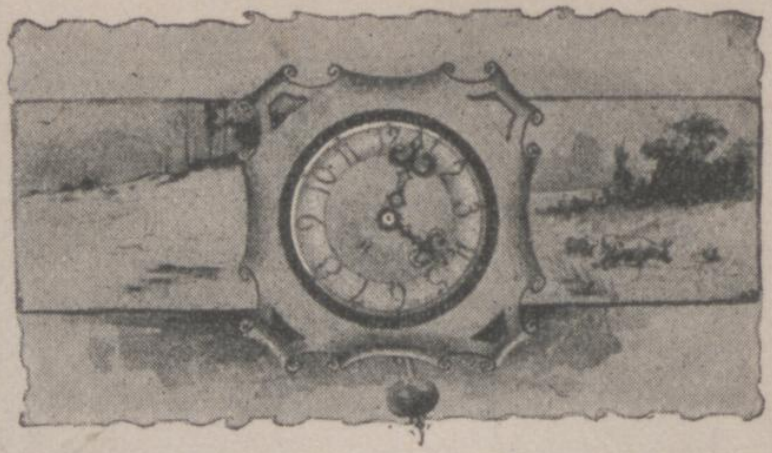

Excelsior Diary

Orations


H7 162
M. L. Hilton.
Ashland.
Ky.
Uncle William died
Came Nov. 27. 1897.

THE EXCELSIOR DIARY

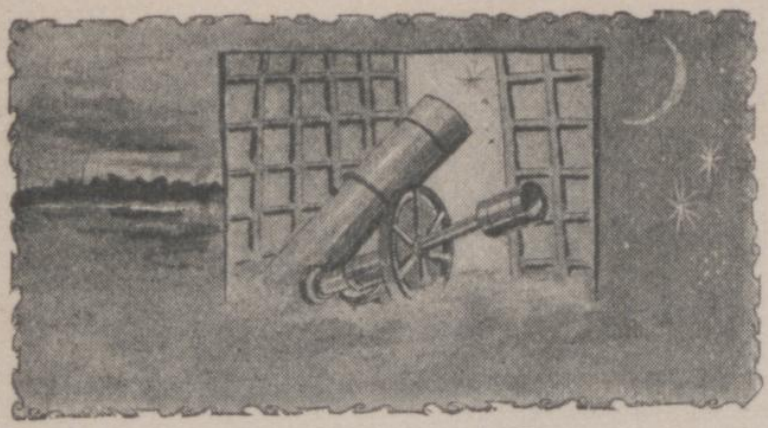
1898



CALENDAR FOR 1898.

JUNE.	MAY.	APRIL.	MARCH.	FEB'Y.	JAN'Y.	1898.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
							..	..	..	..	..	..	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	..	..	..	..	..
							..	..	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	..	..	..	..	..
							..	..	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	..	..
							..	..	..	..	..	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
							..	..	..	..	..	..	..
							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	..	..	..	..
							..	..	..	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	..	..

DEC'R.	NOV'R.	OCT'R.	SEPT'R.	AUGUST.	JULY.	1898.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
							..	..	..	..	..	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	..	..	..	..	..	..
							..	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	..	..	..
							..	..	..	..	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	..
							..	..	..	..	..	..	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	..	..	..	..	..
							..	..	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	..	..	..
							..	..	..	..	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



ECLIPSES, 1898.

There will be six Eclipses this year, three of each, the Sun and Moon, as follows:

I. A Partial Eclipse of the Moon, Jan. 7, visible in North and South America, Europe, Asia, and Africa. Size, 1.88 digits. New-York, begins 6.52 p. m.; middle, 7.39 p.m.; end, 8.27 p.m.

II. A Total Eclipse of the Sun, Jan. 22, invisible in America.

III. A Partial Eclipse of the Moon, July 3, invisible in America.

IV. An Annular Eclipse of the Sun, July 18, invisible in North America.

V. A Partial Eclipse of the Sun, Dec. 12–13, visible in the Antarctic regions.

VI. A Total Eclipse of the Moon, Dec. 27–28, visible throughout North America, except on the Atlantic Coast. In the Middle and Western States the Moon will rise more or less eclipsed.

MORNING STARS.

MERCURY, Jan. 6 to March 16, May 1 to June 30, Sept. 5 to Oct. 19, and after Dec. 21. VENUS, until Feb. 15 and after Dec. 1. MARS, until Oct. 17. JUPITER, after Oct. 13. SATURN, until March 2.

EVENING STARS.

MERCURY, until Jan. 6, and from March 16 to May 1, June 30 to Sept. 5, and Oct. 19 to Dec. 21. VENUS, from Feb. 15 to December 1. MARS, after Oct. 17. JUPITER, until October 13. SATURN, after March 2.

PLANETS BRIGHTEST.

MERCURY, Feb. 4 and Sept. 24, *rising shortly before the sun;* also April 7 and Dec. 1, *setting soon after the sun.* VENUS, Oct. 27. MARS, not this year. JUPITER, March 25. SATURN, May 30, URANUS, May 22. NEPTUNE, Dec. 15.

MOVABLE FEASTS.

Septuagesima Sun...	Feb. 6	Palm Sunday	Apr. 3
Sexagesima " ...	" 13	Good Friday.....	" 8
Quinquagesima " ...	" 20	Easter Sunday.....	" 10
Shrove Tuesday	" 22	Rogation Sunday....	May 15
Ash Wednesday	" 23	Ascension Thursday.	" 19
Quadragesima Sun...	" 27	Whit-Sunday (Pent.)	" 29
Mid-Lent " ...	Mar. 20	Trinity "	June 5
Passion " ...	" 27	Corpus Christi.....	" 9

Advent Sunday, Nov. 27.

CHRONOLOGICAL CYCLES.

Dominical Letter.....	B	Roman Indiction	11
Epact.....	7	Julian Period	6611
Lunar Cycle (Gold No.).	18	Dionysian Period.....	227
Solar Cycle	3	Jewish Lunar Cycle	15

Mohammedan Era, year 1316, begins May 22.

Jewish Era, year 5659, begins at sunset, Sept. 16.



❊ JANUARY ❊ 1898 ❊

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 7 D.	7 h. 24 m.	6 h. 24 m.	5 h. 24 m.
Last Quarter . 15 D.	10 h. 44 m.	9 h. 44 m.	8 h. 44 m.
New Moon... 22 D.	2 h. 25 m.	1 h. 25 m.	0 h. 25 m.
First Quarter. 29 D.	9 h. 33 m.	8 h. 33 m.	7 h. 33 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
7 25	4 43	1 47	2 40	1	Sa.	7 30	4 38	1 50	5 45
7 25	4 44	2 49	3 36	2	**S.**	7 30	4 39	2 53	6 39
7 25	4 45	3 49	4 22	3	M.	7 30	4 40	3 54	7 33
7 25	4 46	4 47	5 18	4	Tu.	7 30	4 41	4 53	8 28
7 25	4 47	5 42	6 15	5	W.	7 30	4 42	5 48	9 20
7 25	4 48	6 32	7 8	6	Th.	7 29	4 43	6 38	10 9
7 25	4 49	rises	7 58	7	Fr.	7 29	4 44	rises	10 56
7 24	4 50	5 36	8 38	8	Sa.	7 29	4 45	5 32	11 57
7 24	4 51	6 40	9 20	9	**S.**	7 29	4 46	6 37	ev. 17
7 24	4 52	7 44	10 1	10	M.	7 29	4 47	7 41	57
7 24	4 53	8 47	10 39	11	Tu.	7 29	4 48	8 46	1 35
7 23	4 54	9 53	11 15	12	W.	7 28	4 50	9 53	2 14
7 23	4 55	10 58	11 53	13	Th.	7 28	4 51	11 0	2 54
7 23	4 56	morn.	ev. 36	14	Fr.	7 28	4 52	morn.	3 38
7 22	4 57	8	1 24	15	Sa.	7 27	4 53	10	4 29
7 22	4 59	1 20	2 20	16	**S.**	7 27	4 54	1 24	5 31
7 21	5 0	2 35	3 26	17	M.	7 26	4 55	2 41	6 41
7 21	5 1	3 50	4 39	18	Tu.	7 26	4 56	3 56	7 53
7 21	5 2	4 59	5 53	19	W.	7 25	4 58	5 6	9 2
7 20	5 3	6 1	7 5	20	Th.	7 24	4 59	6 7	10 7
7 19	5 4	6 51	8 7	21	Fr.	7 24	5 0	6 56	11 4
7 18	5 5	sets	8 56	22	Sa.	7 23	5 1	sets	11 51
7 17	5 7	7 5	9 32	23	**S.**	7 22	5 3	7 3	morn.
7 17	5 8	8 17	10 23	24	M.	7 22	5 4	8 16	36
7 16	5 9	9 24	11 2	25	Tu.	7 21	5 5	9 24	1 19
7 16	5 10	10 29	11 39	26	W.	7 20	5 6	10 31	2 0
7 15	5 11	11 34	morn.	27	Th.	7 19	5 8	11 37	2 40
7 14	5 13	morn.	19	28	Fr.	7 18	5 9	morn.	3 22
7 13	5 14	37	1 8	29	Sa.	7 17	5 10	41	4 9
7 12	5 15	1 39	1 58	30	**S.**	7 16	5 12	1 44	5 0
7 12	5 16	2 38	2 55	31	M.	7 15	5 13	2 44	5 57

Heavy figures, 12 noon to 12 midnight.



❋ FEBRUARY ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 6 D.	1 h. 24 m.	0 h. 24 m.	11 h. 24 (5)
Last Quarter . 13 D.	7 h. 35 m.	6 h. 35 m.	5 h. 35 m.
New Moon... 20 D.	2 h. 42 m.	1 h. 42 m.	0 h. 42 m.
First Quarter. 28 D.	6 h. 13 m.	5 h. 13 m.	4 h. 13 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. — MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. — MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
7 11	5 18	3 35	3 56	1	Tu.	7 14	5 14	3 41	7 9
7 10	5 19	4 27	4 54	2	W.	7 13	5 15	4 34	7 58
7 9	5 20	5 13	5 50	3	Th.	7 12	5 16	5 19	8 53
7 7	5 21	5 52	6 41	4	Fr.	7 11	5 18	5 57	9 43
7 6	5 22	6 26	7 27	5	Sa.	7 10	5 19	6 30	10 31
7 5	5 23	rises	8 6	6	**S.**	7 9	5 21	rises	11 9
7 4	5 25	6 39	8 47	7	M.	7 8	5 22	6 37	11 51
7 3	5 26	7 45	9 25	8	Tu.	7 6	5 23	7 44	ev. 27
7 2	5 27	8 50	10 10	9	W.	7 5	5 24	8 51	1 6
7 1	5 28	9 59	10 40	10	Th.	7 4	5 25	10 2	1 46
7 0	5 30	11 10	11 22	11	Fr.	7 2	5 26	11 13	2 28
6 58	5 31	morn.	ev. 13	12	Sa.	7 1	5 28	morn.	3 15
6 57	5 32	25	1 10	13	**S.**	7 0	5 29	29	4 11
6 56	5 34	1 37	2 15	14	M.	6 59	5 30	1 42	5 17
6 55	5 35	2 47	3 28	15	Tu.	6 57	5 32	2 53	6 30
6 53	5 36	3 49	4 41	16	W.	6 56	5 33	3 55	7 44
6 52	5 37	4 42	5 51	17	Th.	6 54	5 35	4 47	8 54
6 51	5 39	5 23	6 50	18	Fr.	6 53	5 36	5 28	9 52
6 49	5 40	5 57	7 38	19	Sa.	6 52	5 38	6 1	10 43
6 48	5 41	sets	8 21	20	**S.**	6 50	5 39	sets	11 27
6 46	5 43	7 2	9 4	21	M.	6 48	5 40	7 2	morn.
6 45	5 44	8 10	9 42	22	Tu.	6 47	5 42	8 11	6
6 44	5 45	9 17	10 20	23	W.	6 45	5 43	9 19	44
6 42	5 46	10 21	10 59	24	Th.	6 44	5 45	10 24	1 24
6 41	5 48	11 25	11 44	25	Fr.	6 42	5 46	11 29	2 4
6 39	5 49	morn.	morn.	26	Sa.	6 41	5 47	morn.	2 47
6 38	5 50	25	31	27	**S.**	6 39	5 49	31	3 33
6 37	5 51	1 24	1 24	28	M.	6 38	5 50	1 30	4 25



❋ MARCH ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 8 D.	4 h. 29 m.	3 h. 29 m.	2 h. 29 m.
Last Quarter . 15 D.	2 h. 48 m.	1 h. 48 m.	0 h. 48 m.
New Moon... 22 D.	3 h. 37 m.	2 h. 37 m.	1 h. 37 m.
First Quarter. 30 D.	2 h. 40 m.	1 h. 40 m.	0 h. 40 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. — MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. — MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
6 35	5 53	2 17	2 20	1	Tu.	6 36	5 51	2 23	5 22
6 34	5 53	3 6	3 23	2	W.	6 35	5 52	3 12	6 25
6 32	5 54	3 49	4 22	3	Th.	6 33	5 53	3 54	7 25
6 30	5 55	4 24	5 18	4	Fr.	6 31	5 54	4 29	8 21
6 29	5 56	4 55	6 10	5	Sa.	6 30	5 55	4 59	9 12
6 27	5 57	5 23	6 56	6	S.	6 28	5 56	5 26	9 58
6 25	5 58	5 47	7 35	7	M.	6 26	5 57	5 49	10 40
6 24	5 59	rises	8 13	8	Tu.	6 25	5 58	rises	11 19
6 22	6 0	7 48	8 54	9	W.	6 23	5 59	7 49	11 56
6 21	6 1	9 0	9 36	10	Th.	6 21	6 0	9 3	ev. 38
6 19	6 2	10 12	10 20	11	Fr.	6 20	6 2	10 17	1 23
6 17	6 3	11 27	11 4	12	Sa.	6 18	6 3	11 32	2 9
6 16	6 4	morn.	12 0	13	S.	6 16	6 4	morn.	3 3
6 14	6 5	38	ev. 63	14	M.	6 14	6 5	44	4 4
6 12	6 6	1 43	2 12	15	Tu.	6 13	6 6	1 49	5 14
6 11	6 8	2 37	3 24	16	W.	6 11	6 7	2 43	6 26
6 9	6 9	3 21	4 33	17	Th.	6 9	6 9	3 26	7 36
6 7	6 10	3 57	5 34	18	Fr.	6 7	6 10	4 1	8 37
6 6	6 11	4 27	6 27	19	Sa.	6 6	6 11	4 30	9 29
6 4	6 12	4 54	7 12	20	S.	6 4	6 12	4 56	10 15
6 2	6 13	5 18	7 51	21	M.	6 2	6 13	5 18	10 57
6 1	6 14	sets	8 31	22	Tu.	6 0	6 14	sets	11 36
5 59	6 15	8 3	9 12	23	W.	5 59	6 15	8 6	morn.
5 58	6 16	9 8	9 51	24	Th.	5 57	6 16	9 12	13
5 56	6 17	10 11	10 31	25	Fr.	5 55	6 17	10 16	53
5 54	6 18	11 11	11 12	26	Sa.	5 53	6 18	11 17	1 35
5 52	6 19	morn.	morn.	27	S.	5 52	6 19	morn.	2 18
5 51	6 20	7	2	28	M.	5 50	6 20	14	3 5
5 49	6 21	57	53	29	Tu.	5 48	6 21	1 4	3 54
5 47	6 22	1 42	1 49	30	W.	5 46	6 22	1 48	4 51
5 45	6 23	2 19	2 47	31	Th.	5 44	6 23	2 25	5 49



❋ APRIL ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 6 D.	4 h. 19 m.	3 h. 19 m.	2 h. 19 m.
Last Quarter . 13 D.	9 h. 28 m.	8 h. 28 m.	7 h. 28 m.
New Moon ... 20 D.	5 h. 21 m.	4 h. 21 m.	3 h. 21 m.
First Quarter . 28 D.	9 h. 5 m.	8 h. 5 m.	7 h. 5 m.

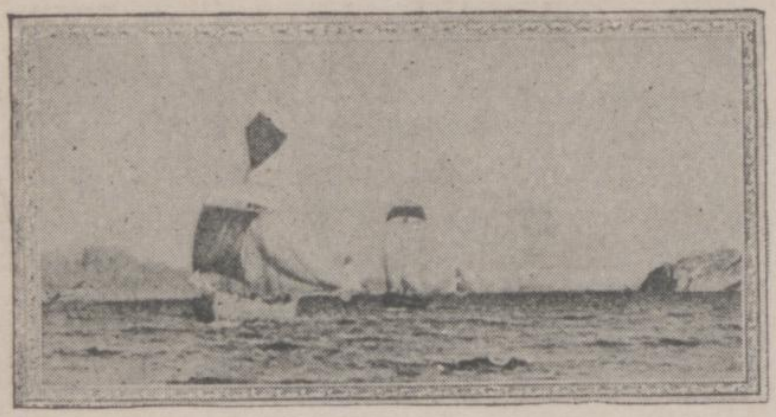
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon sets	H. W. Bost'n
5 44	6 24	2 52	3 44	1	Fr.	5 43	6 25	2 57	6 47
5 42	6 26	3 22	4 38	2	Sa.	5 41	6 27	3 25	7 41
5 41	6 27	3 48	5 30	3	S.	5 40	6 28	3 50	8 33
5 39	6 28	4 13	6 19	4	M.	5 38	6 29	4 14	9 21
5 37	6 29	4 37	7 3	5	Tu.	5 36	6 30	4 37	10 5
5 36	6 30	rises	7 45	6	W.	5 35	6 31	rises	10 50
5 34	6 31	7 54	8 26	7	Th.	5 33	6 32	7 58	11 31
5 33	6 32	9 11	9 16	8	Fr.	5 31	6 33	9 16	ev. 17
5 31	6 33	10 25	10 5	9	Sa.	5 30	6 34	10 31	1 7
5 30	6 34	11 34	10 55	10	S.	5 28	6 36	11 41	2 1
5 28	6 35	morn.	11 55	11	M.	5 26	6 37	morn.	2 58
5 26	6 36	33	ev. 60	12	Tu.	5 25	6 38	39	4 1
5 25	6 37	1 20	2 5	13	W.	5 23	6 39	1 25	5 8
5 24	6 38	1 59	3 9	14	Th.	5 21	6 40	2 3	6 11
5 22	6 39	2 29	4 12	15	Fr.	5 20	6 41	2 32	7 15
5 20	6 40	2 57	5 7	16	Sa.	5 18	6 42	2 59	8 10
5 19	6 41	3 21	5 56	17	S.	5 16	6 43	3 21	8 58
5 17	6 42	3 46	6 41	18	M.	5 15	6 45	3 46	9 43
5 16	6 43	4 31	7 23	19	Tu.	5 13	6 46	4 33	10 27
5 14	6 44	sets	8 0	20	W.	5 12	6 47	sets	11 5
5 13	6 45	7 57	8 42	21	Th.	5 10	6 48	8 2	11 45
5 11	6 46	8 59	9 25	22	Fr.	5 9	6 49	9 5	morn.
5 10	6 47	9 56	10 8	23	Sa.	5 7	6 50	10 2	(27
5 8	6 48	10 50	10 48	24	S.	5 6	6 51	10 56	1 10
5 7	6 49	11 37	11 35	25	M.	5 4	6 52	11 43	1 54
5 6	6 50	morn.	morn.	26	Tu.	5 3	6 53	morn.	2 39
5 4	6 51	17	24	27	W.	5 1	6 55	22	3 26
5 3	6 52	53	1 16	28	Th.	5 0	6 56	57	4 17
5 2	6 53	1 22	2 8	29	Fr.	4 58	6 57	1 25	5 10
5 0	6 55	1 47	3 1	30	Sa.	4 57	6 58	1 49	6 3



❋ MAY ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 6 D.	1 h. 34 m.	0 h. 34 m.	11 h. 34 (5)
Last Quarter . 12 D.	4 h. 36 m.	3 h. 36 m.	2 h. 36 m.
New Moon ... 20 D.	7 h. 58 m.	6 h. 58 m.	5 h. 58 m.
First Quarter . 28 D.	0 h. 14 m.	11 h. 14 m.	10 h. 14 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
4 59	6 56	2 13	3 55	1	S.	4 56	7 0	2 14	6 54
4 58	6 57	2 36	4 46	2	M.	4 54	7 1	2 36	7 40
4 56	6 58	3 1	5 38	3	Tu.	4 53	7 2	3 0	8 41
4 55	6 59	3 29	6 29	4	W.	4 52	7 3	3 27	9 31
4 54	7 0	3 59	7 18	5	Th.	4 51	7 4	3 56	10 21
4 53	7 1	rises	8 6	6	Fr.	4 49	7 5	rises	11 11
4 52	7 2	9 19	9 0	7	Sa.	4 48	7 6	9 25	ev. 2
4 51	7 3	10 24	9 55	8	S.	4 47	7 7	10 30	57
4 49	7 4	11 17	10 49	9	M.	4 46	7 8	11 22	1 55
4 48	7 5	11 57	11 48	10	Tu.	4 44	7 9	morn.	2 51
4 47	7 6	morn.	ev. 46	11	W.	4 43	7 10	2	3 47
4 46	7 7	32	1 44	12	Th.	4 42	7 11	35	4 45
4 45	7 8	1 2	2 43	13	Fr.	4 41	7 12	1 4	5 45
4 44	7 9	1 26	3 38	14	Sa.	4 40	7 13	1 27	6 41
4 43	7 10	1 50	4 31	15	S.	4 39	7 14	1 49	7 34
4 42	7 11	2 14	5 22	16	M.	4 38	7 15	2 13	8 25
4 41	7 12	2 38	6 9	17	Tu.	4 37	7 16	2 35	9 11
4 40	7 13	3 8	6 54	18	W.	4 36	7 17	3 4	9 56
4 39	7 14	3 40	7 36	19	Th.	4 35	7 18	3 35	10 41
4 39	7 15	sets	8 17	20	Fr.	4 34	7 19	sets	11 23
4 38	7 16	8 44	9 3	21	Sa.	4 33	7 20	8 50	morn.
4 37	7 17	9 34	9 46	22	S.	4 32	7 21	9 40	5
4 36	7 18	10 15	10 27	23	M.	4 31	7 22	10 20	48
4 36	7 19	10 51	11 9	24	Tu.	4 31	7 23	10 56	1 31
4 35	7 20	11 23	11 53	25	W.	4 30	7 24	11 27	2 14
4 34	7 20	11 50	morn.	26	Th.	4 29	7 25	11 53	2 56
4 34	7 21	morn.	38	27	Fr.	4 29	7 26	morn.	3 40
4 33	7 22	14	1 25	28	Sa.	4 28	7 27	16	4 26
4 32	7 23	38	2 14	29	S.	4 27	7 28	38	5 16
4 32	7 23	1 2	3 7	30	M.	4 27	7 28	1 1	6 9
4 31	7 24	1 27	4 2	31	Tu.	4 26	7 29	1 25	7 5



❋ JUNE ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 4 D.	9 h. 11 m.	8 h. 11 m.	7 h. 11 m.
Last Quarter . 11 D.	1 h. 4 m.	0 h. 4 m.	11 h. 4 (10)
New Moon... 18 D.	11 h. 19 m.	10 h. 19 m.	9 h. 19 m.
First Quarter. 26 D.	11 h. 54 m.	10 h. 54 m.	9 h. 54 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon sets	H. W. Bost'n
4 31	7 24	1 55	4 58	1	W.	4 25	7 30	1 53	8 2
4 30	7 25	2 29	5 59	2	Th.	4 25	7 30	2 25	9 1
4 30	7 26	3 13	6 58	3	Fr.	4 25	7 31	3 7	10 0
4 30	7 26	rises	7 53	4	Sa.	4 24	7 32	rises	10 59
4 29	7 27	9 4	8 50	5	S.	4 24	7 32	9 10	11 52
4 29	7 28	9 53	9 47	6	M.	4 24	7 33	9 58	ev. 49
4 29	7 28	10 31	10 38	7	Tu.	4 23	7 33	10 35	1 44
4 29	7 29	11 2	11 30	8	W.	4 23	7 34	11 5	2 35
4 28	7 30	11 30	ev. 22	9	Th.	4 23	7 35	11 31	3 24
4 28	7 30	11 55	1 3	10	Fr.	4 23	7 36	11 55	4 14
4 28	7 31	morn.	2 6	11	Sa.	4 22	7 36	morn.	5 8
4 28	7 31	19	3 0	12	S.	4 22	7 37	18	6 2
4 28	7 32	44	3 50	13	M.	4 22	7 37	42	6 53
4 28	7 32	1 10	4 43	14	Tu.	4 22	7 38	1 7	7 46
4 28	7 32	1 40	5 38	15	W.	4 22	7 38	1 36	8 41
4 28	7 33	2 17	6 29	16	Th.	4 22	7 38	2 12	9 31
4 28	7 33	2 57	7 15	17	Fr.	4 22	7 39	2 51	10 18
4 28	7 33	sets	7 57	18	Sa.	4 22	7 39	sets	11 2
4 28	7 34	8 13	8 41	19	S.	4 22	7 39	8 18	11 44
4 29	7 34	8 52	9 24	20	M.	4 23	7 40	8 57	morn.
4 29	7 34	9 25	10 18	21	Tu.	4 23	7 40	9 30	26
4 29	7 34	9 54	10 56	22	W.	4 23	7 40	9 57	1 7
4 29	7 34	10 18	11 36	23	Th.	4 23	7 40	10 20	1 47
4 29	7 34	10 41	morn.	24	Fr.	4 23	7 40	10 42	2 25
4 30	7 35	11 5	19	25	Sa.	4 24	7 41	11 4	3 4
4 30	7 35	11 28	1 2	26	S.	4 24	7 41	11 27	3 46
4 30	7 35	11 54	1 50	27	M.	4 24	7 41	11 52	4 35
4 31	7 35	morn.	2 27	28	Tu.	4 25	7 40	morn.	5 29
4 31	7 35	25	3 26	29	W.	4 25	7 40	21	6 28
4 32	7 35	1 1	4 31	30	Th.	4 26	7 40	56	7 34





❄ JULY ❄ 1898 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 3 D.	4 h. 12 m.	3 h. 12 m.	2 h. 12 m.
Last Quarter . 10 D.	11 h. 43 m.	10 h. 43 m.	9 h. 43 m.
New Moon... 18 D.	2 h. 47 m.	1 h. 47 m.	0 h. 47 m.
First Quarter. 26 D.	8 h. 40 m.	7 h. 40 m.	6 h. 40 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. — MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. — MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
4 32	7 35	1 49	5 39	1	Fr.	4 26	7 40	1 43	8 42
4 32	7 35	2 49	6 45	2	Sa.	4 26	7 40	2 43	9 47
4 33	7 34	rises	7 45	3	**S.**	4 27	7 40	rises	10 50
4 33	7 34	8 24	8 39	4	M.	4 28	7 40	8 29	11 42
4 34	7 34	9 1	9 32	5	Tu.	4 29	7 39	9 4	ev. 34
4 35	7 34	9 30	10 21	6	W.	4 29	7 39	9 31	1 24
4 35	7 33	9 57	11 4	7	Th.	4 30	7 39	9 57	2 9
4 36	7 33	10 22	11 50	8	Fr.	4 30	7 38	10 21	2 53
4 37	7 33	10 48	ev. 36	9	Sa.	4 31	7 38	10 46	3 38
4 37	7 32	11 14	1 26	10	**S.**	4 32	7 38	11 11	4 27
4 38	7 32	11 43	2 18	11	M.	4 33	7 37	11 39	5 20
4 39	7 31	morn.	3 13	12	Tu.	4 33	7 37	morn.	6 15
4 39	7 31	18	4 13	13	W.	4 34	7 36	12	7 16
4 40	7 30	57	5 10	14	Th.	4 35	7 36	51	8 13
4 41	7 30	1 41	6 4	15	Fr.	4 36	7 35	1 35	9 6
4 42	7 29	2 32	6 54	16	Sa.	4 37	7 34	2 26	9 56
4 43	7 29	3 30	7 38	17	**S.**	4 37	7 34	3 24	10 43
4 44	7 28	sets	8 16	18	M.	4 38	7 33	sets	11 22
4 44	7 27	7 56	8 58	19	Tu.	4 39	7 32	8 0	12 0
4 45	7 26	8 23	9 36	20	W.	4 40	7 31	8 25	morn.
4 46	7 26	8 47	10 12	21	Th.	4 41	7 30	8 48	38
4 47	7 25	9 10	10 46	22	Fr.	4 42	7 30	9 10	1 15
4 48	7 24	9 33	11 26	23	Sa.	4 43	7 29	9 32	1 52
4 48	7 23	9 58	morn.	24	**S.**	4 44	7 28	9 56	2 30
4 49	7 23	10 25	10	25	M.	4 45	7 27	10 22	3 12
4 50	7 22	10 59	1 1	26	Tu.	4 46	7 26	10 55	4 2
4 51	7 21	11 40	1 56	27	W.	4 47	7 25	11 35	4 58
4 52	7 20	morn.	3 5	28	Th.	4 48	7 24	morn.	6 6
4 53	7 19	31	4 16	29	Fr.	4 49	7 23	25	7 19
4 54	7 18	1 35	5 29	30	Sa.	4 50	7 22	1 29	8 32
4 55	7 17	2 50	6 36	31	**S.**	4 51	7 21	2 43	9 38



❋ AUGUST ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 1 D.	11 h. 29 m.	10 h. 29 m.	9 h. 29 m.
Last Quarter. 9 D.	1 h. 13 m.	0 h. 13 m.	11 h. 13 (16)
New Moon...17 D.	5 h. 34 m.	4 h. 34 m.	3 h. 34 m.
First Quarter.24 D.	3 h. 32 m.	2 h. 32 m.	1 h. 32 m.
Full Moon ...31 D.	7 h. 51 m.	6 h. 51 m.	5 h. 51 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 56	7 16	6 0	7 34	1	M.	4 52	7 20	6 0	10 38
4 57	7 14	7 28	8 22	2	Tu.	4 53	7 18	7 31	11 28
4 58	7 13	7 57	9 11	3	W.	4 54	7 17	7 58	ev. 12
4 59	7 12	8 24	9 55	4	Th.	4 55	7 16	8 24	57
5 0	7 11	8 49	10 33	5	Fr.	4 56	7 15	8 48	1 39
5 1	7 10	9 15	11 15	6	Sa.	4 57	7 14	9 13	2 21
5 2	7 9	9 44	ev. 2	7	S.	4 58	7 12	9 41	3 5
5 3	7 7	10 17	50	8	M.	4 59	7 11	10 12	3 51
5 4	7 6	10 55	1 43	9	Tu.	5 0	7 10	10 49	4 44
5 5	7 5	11 37	2 43	10	W.	5 1	7 8	11 31	5 44
5 6	7 4	morn.	3 42	11	Th.	5 2	7 7	morn.	6 45
5 7	7 2	26	4 40	12	Fr.	5 3	7 6	20	7 43
5 8	7 1	1 21	5 37	13	Sa.	5 4	7 4	1 15	8 40
5 9	7 0	2 18	6 28	14	S.	5 5	7 3	2 14	9 30
5 10	6 58	3 19	7 11	15	M.	5 6	7 1	3 15	10 14
5 11	6 57	4 20	7 49	16	Tu.	5 7	7 0	4 17	10 55
5 12	6 55	sets	8 26	17	W.	5 8	6 58	sets	11 31
5 13	6 54	7 15	9 5	18	Th.	5 10	6 57	7 15	morn.
5 14	6 53	7 38	9 43	19	Fr.	5 11	6 55	7 38	6
5 15	6 51	8 4	10 21	20	Sa.	5 12	6 54	8 2	45
5 16	6 50	8 31	10 58	21	S.	5 13	6 52	8 28	1 24
5 17	6 48	9 0	11 45	22	M.	5 14	6 51	8 56	2 3
5 17	6 47	9 38	morn.	23	Tu.	5 15	6 49	9 34	2 48
5 18	6 45	10 27	39	24	W.	5 16	6 48	10 21	3 41
5 19	6 44	11 22	1 42	25	Th.	5 17	6 46	11 16	4 43
5 20	6 42	morn.	2 52	26	Fr.	5 18	6 44	morn.	5 54
5 21	6 41	30	4 6	27	Sa.	5 19	6 43	24	7 9
5 22	6 39	1 44	5 18	28	S.	5 20	6 41	1 39	8 21
5 23	6 37	3 1	6 21	29	M.	5 21	6 39	2 57	9 23
5 24	6 36	4 18	7 14	30	Tu.	5 22	6 38	4 15	10 17
5 25	6 34	rises	7 57	31	W.	5 23	6 36	rises	11 12



❄ SEPTEMBER ❄ 1898 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 7 D.	5 h. 51 m.	4 h. 51 m.	3 h. 51 m.
New Moon...15 D.	7 h. 10 m.	6 h. 10 m.	5 h. 10 m.
First Quarter.22 D.	9 h. 39 m.	8 h. 39 m.	7 h. 39 m.
Full Moon ...29 D.	6 h. 10 m.	5 h. 10 m.	4 h. 10 m.

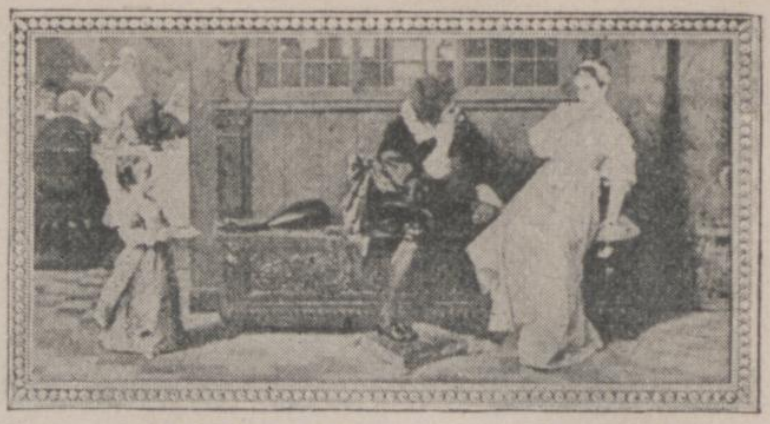
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	——	Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 26	6 33	6 48	8 42	1	Th.	5 24	6 35	6 47	11 45
5 27	6 31	7 15	9 24	2	Fr.	5 26	6 33	7 15	ev. 26
5 28	6 29	7 44	10 6	3	Sa.	5 27	6 31	7 41	1 8
5 29	6 28	8 16	10 45	4	**S.**	5 28	6 29	8 11	1 51
5 30	6 26	8 52	11 29	5	M.	5 29	6 28	8 47	2 37
5 31	6 25	9 34	ev. 19	6	Tu.	5 30	6 26	9 28	3 21
5 32	6 23	10 20	1 13	7	W.	5 31	6 24	10 14	4 14
5 33	6 21	11 13	2 10	8	Th.	5 32	6 22	11 7	5 12
5 34	6 20	morn.	3 9	9	Fr.	5 33	6 21	morn.	6 11
5 35	6 18	10	4 7	10	Sa.	5 34	6 19	5	7 10
5 36	6 16	1 9	5 4	11	**S.**	5 35	6 17	1 5	8 7
5 37	6 15	2 7	5 53	12	M.	5 36	6 15	2 4	8 55
5 38	6 13	3 10	6 38	13	Tu.	5 37	6 14	3 7	9 40
5 39	6 11	4 13	7 19	14	W.	5 38	6 12	4 12	10 22
5 40	6 9	sets	7 55	15	Th.	5 39	6 10	sets	11 1
5 41	6 8	6 7	8 34	16	Fr.	5 40	6 8	6 6	11 39
5 42	6 6	6 33	9 16	17	Sa.	5 41	6 7	6 31	morn.
5 43	6 4	7 3	9 56	18	**S.**	5 43	6 5	7 0	17
5 44	6 3	7 40	10 40	19	M.	5 44	6 3	7 35	58
5 45	6 1	8 24	11 32	20	Tu.	5 45	6 1	8 19	1 46
5 46	5 59	9 19	morn.	21	W.	5 46	6 0	9 13	2 36
5 47	5 58	10 22	31	22	Th.	5 47	5 58	10 16	3 33
5 48	5 56	11 30	1 37	23	Fr.	5 48	5 56	11 26	4 38
5 49	5 55	morn.	2 47	24	Sa.	5 49	5 54	morn.	5 49
5 50	5 53	46	3 57	25	**S.**	5 50	5 53	42	7 0
5 51	5 52	1 59	4 59	26	M.	5 51	5 51	1 56	8 3
5 52	5 50	3 13	5 58	27	Tu.	5 52	5 49	3 11	9 0
5 53	5 48	4 23	6 47	28	W.	5 53	5 47	4 22	9 49
5 54	5 46	rises	7 33	29	Th.	5 54	5 46	rises	10 37
5 54	5 44	5 42	8 9	30	Fr.	5 56	5 44	5 37	11 15



❋ OCTOBER ❋ 1898 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 7 D.	1 h. 5 m.	0 h. 5 m.	11 h. 5 m.
New Moon...15 D.	7 h. 37 m.	6 h. 37 m.	5 h. 37 m.
First Quarter. 22 D.	4 h. 9 m.	3 h. 9 m.	2 h. 9 m.
Full Moon ...29 D.	7 h. 18 m.	6 h. 18 m.	5 h. 18 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.						Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 56	5 43	6 13	8 54	1	Sa.	5 57	5 42	6 9	11 56
5 57	5 41	6 49	9 37	2	S.	5 58	5 40	6 44	ev. 39
5 58	5 39	7 28	10 20	3	M.	5 59	5 39	7 22	1 23
5 59	5 38	8 13	11 2	4	Tu.	6 0	5 37	8 7	2 7
6 0	5 36	9 4	11 51	5	W.	6 1	5 35	8 58	2 54
6 1	5 35	9 59	ev. 43	6	Th.	6 2	5 33	9 53	3 44
6 2	5 33	10 58	1 37	7	Fr.	6 3	5 32	10 53	4 38
6 3	5 31	11 56	2 32	8	Sa.	6 4	5 30	11 52	5 34
6 4	5 30	morn.	3 26	9	S.	6 6	5 28	morn.	6 28
6 5	5 28	57	4 20	10	M.	6 7	5 27	54	7 23
6 7	5 27	1 59	5 10	11	Tu.	6 8	5 25	1 57	8 13
6 8	5 25	3 2	5 58	12	W.	6 9	5 23	3 1	9 0
6 9	5 23	4 5	6 42	13	Th.	6 10	5 22	4 5	9 44
6 10	5 22	5 10	7 25	14	Fr.	6 11	5 20	5 11	10 29
6 11	5 20	sets	8 6	15	Sa.	6 13	5 19	sets	11 11
6 12	5 19	5 40	8 52	16	S.	6 14	5 17	5 35	11 54
6 13	5 17	6 21	9 42	17	M.	6 15	5 15	6 16	morn.
6 14	5 16	7 13	10 32	18	Tu.	6 16	5 14	7 7	44
6 15	5 14	8 14	11 25	19	W.	6 17	5 12	8 8	1 36
6 16	5 13	9 23	morn.	20	Th.	6 18	5 11	9 18	2 31
6 18	5 12	10 37	26	21	Fr.	6 20	5 9	10 33	3 28
6 19	5 10	11 49	1 29	22	Sa.	6 21	5 8	11 46	4 30
6 20	5 9	morn.	2 32	23	S.	6 22	5 6	morn.	5 34
6 21	5 7	1 2	3 36	24	M.	6 23	5 5	1 0	6 39
6 22	5 6	2 11	4 33	25	Tu.	6 24	5 3	2 10	7 36
6 23	5 4	3 20	5 28	26	W.	6 26	5 2	3 21	8 31
6 24	5 3	4 28	6 18	27	Th.	6 27	5 1	4 29	9 20
6 26	5 2	5 34	7 4	28	Fr.	6 28	4 59	5 37	10 6
6 27	5 1	rises	7 46	29	Sa.	6 29	4 57	rises	10 51
6 28	4 59	5 24	8 27	30	S.	6 31	4 57	5 19	11 32
6 29	4 58	6 7	9 14	31	M.	6 32	4 55	6 2	ev. 15



❄ NOVEMBER ❄ 1898 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 6 D.	9 h. 28 m.	8 h. 28 m.	7 h. 28 m.
New Moon...13 D.	7 h. 20 m.	6 h. 20 m.	5 h. 20 m.
First Quarter.20 D.	0 h. 5 m.	11 h. 5 m.	10 h. 5 m.
Full Moon ...27 D.	11 h. 39 m.	10 h. 39 m.	9 h. 39 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	——	Sun rises	Sun sets	Moon rises	H. W. Bost'n
6 30	4 57	6 56	9 56	1	Tu.	6 33	4 54	6 50	ev. 54
6 31	4 56	7 49	10 38	2	W.	6 34	4 53	7 44	1 44
6 32	4 54	8 48	11 23	3	Th.	6 36	4 51	8 42	2 29
6 34	4 53	9 45	ev. 11	4	Fr.	6 37	4 50	9 40	3 14
6 35	4 52	10 44	1 1	5	Sa.	6 38	4 49	10 40	4 2
6 36	4 51	11 44	1 49	6	S.	6 39	4 48	11 42	4 51
6 37	4 50	morn.	2 38	7	M.	6 41	4 47	morn.	5 40
6 38	4 49	46	3 30	8	Tu.	6 42	4 45	45	6 32
6 40	4 48	1 47	4 22	9	W.	6 43	4 44	1 47	7 25
6 41	4 47	2 50	5 13	10	Th.	6 44	4 43	2 51	8 16
6 42	4 46	3 59	6 5	11	Fr.	6 46	4 42	4 1	9 7
6 43	4 45	5 9	6 56	12	Sa.	6 47	4 41	5 13	9 58
6 44	4 44	sets	7 46	13	S.	6 48	4 40	sets	10 51
6 46	4 43	5 2	8 37	14	M.	6 49	4 39	4 56	11 44
6 47	4 42	6 2	9 31	15	Tu.	6 51	4 39	5 56	morn.
6 48	4 41	7 11	10 24	16	W.	6 52	4 38	7 6	33
6 49	4 40	8 20	11 17	17	Th.	6 53	4 37	8 15	1 28
6 50	4 39	9 39	morn.	18	Fr.	6 54	4 36	9 36	2 23
6 51	4 39	10 53	15	19	Sa.	6 56	4 35	10 51	3 17
6 53	4 38	morn.	1 11	20	S.	6 57	4 34	morn.	4 12
6 54	4 38	4	2 8	21	M.	6 58	4 34	2	5 10
6 55	4 37	1 11	3 5	22	Tu.	6 59	4 33	1 11	6 7
6 56	4 36	2 18	4 0	23	W.	7 0	4 32	2 19	7 3
6 57	4 36	3 24	4 53	24	Th.	7 2	4 32	3 27	7 57
6 58	4 35	4 30	5 46	25	Fr.	7 3	4 31	4 34	8 49
6 59	4 35	5 35	6 37	26	Sa.	7 4	4 31	5 39	9 39
7 0	4 35	rises	7 23	27	S.	7 5	4 30	rises	10 26
7 2	4 34	4 49	8 5	28	M.	7 6	4 30	4 43	11 10
7 3	4 34	5 41	8 50	29	Tu.	7 7	4 30	5 35	11 52
7 4	4 34	6 38	9 34	30	W.	7 8	4 29	6 33	ev. 36



❄ DECEMBER ❄ 1898 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 6 D.	5 h. 5 m.	4 h. 5 m.	3 h. 5 m.
New Moon...13 D.	6 h. 43 m.	5 h. 43 m.	4 h. 43 m.
First Quarter. 19 D.	10 h. 21 m.	9 h. 21 m.	8 h. 21 m.
Full Moon ...27 D.	6 h. 39 m.	5 h. 39 m.	4 h. 39 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 5	4 34	7 35	10 17	1	Th.	7 10	4 29	7 31	1 20
7 6	4 33	8 34	10 55	2	Fr.	7 11	4 29	8 30	2 1
7 7	4 33	9 33	11 37	3	Sa.	7 12	4 28	9 30	2 41
7 8	4 33	10 33	ev. 20	4	S.	7 13	4 28	10 31	3 22
7 9	4 32	11 34	1 5	5	M.	7 14	4 28	11 33	4 6
7 10	4 32	morn.	1 51	6	Tu.	7 15	4 28	morn.	4 53
7 11	4 32	34	2 42	7	W.	7 16	4 28	34	5 44
7 12	4 32	1 38	3 36	8	Th.	7 17	4 28	1 40	6 39
7 13	4 32	2 45	4 32	9	Fr.	7 17	4 28	2 48	7 35
7 14	4 32	3 56	5 32	10	Sa.	7 18	4 28	4 0	8 35
7 15	4 32	5 10	6 33	11	S.	7 19	4 28	5 15	9 35
7 15	4 32	6 24	7 31	12	M.	7 20	4 28	6 29	10 35
7 16	4 33	sets	8 23	13	Tu.	7 21	4 28	sets	11 28
7 16	4 33	6 3	9 21	14	W.	7 22	4 28	5 57	morn.
7 17	4 33	7 21	10 14	15	Th.	7 22	4 29	7 17	23
7 18	4 33	8 38	11 2	16	Fr.	7 23	4 29	8 35	1 17
7 18	4 33	9 52	11 53	17	Sa.	7 24	4 29	9 50	2 7
7 19	4 34	11 2	morn.	18	S.	7 24	4 29	11 2	2 56
7 20	4 34	morn.	44	19	M.	7 25	4 30	morn.	3 45
7 20	4 35	11	1 36	20	Tu.	7 26	4 30	12	4 37
7 21	4 35	1 17	2 30	21	W.	7 26	4 31	1 19	5 32
7 21	4 36	2 23	3 25	22	Th.	7 26	4 31	2 26	6 27
7 22	4 37	3 27	4 22	23	Fr.	7 27	4 32	3 31	7 25
7 22	4 37	4 28	5 18	24	Sa.	7 27	4 32	4 34	8 21
7 23	4 38	5 28	6 13	25	S.	7 28	4 33	5 33	9 15
7 23	4 39	6 22	7 3	26	M.	7 28	4 33	6 28	10 5
7 23	4 39	rises	7 44	27	Tu.	7 28	4 34	rises	10 50
7 23	4 40	5 28	8 28	28	W.	7 29	4 35	5 23	11 33
7 24	4 40	6 26	9 12	29	Th.	7 29	4 36	6 22	ev. 13
7 24	4 41	7 26	9 50	30	Fri.	7 29	4 37	7 23	52
7 24	4 42	8 25	10 26	31	Sa.	7 30	4 37	8 23	1 30



DOMESTIC POSTAGE.

FIRST CLASS.—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp, when attached to a letter in addition to the lawful postage, shall entitle the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each; with paid reply, two cents each.

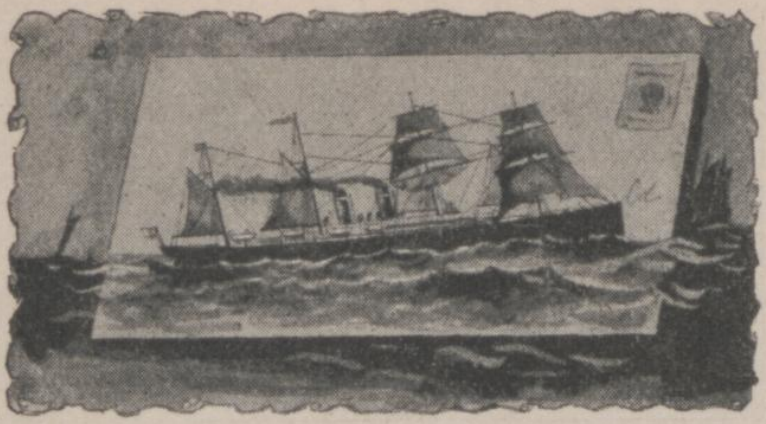
SECOND CLASS.—All regular newspapers, magazines, and other periodicals issued at intervals not exceeding three months; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.—Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 cent per two ounces. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Direct your mail matter to a post-office, writing the name of the *State* plainly; and if to a city, add the street and number or post-office box of the person addressed. Matter not addressed to a post-office cannot be forwarded. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure its immediate return to you for correction, if improperly addressed or insufficiently paid; and if it is not called for at destination it can be returned to you without going to the Dead Letter office. If a letter, it will be returned free. Register all valuable letters and packages. **Registry fee, eight cents,** which, with the postage, must be fully prepaid.

FEES CHARGED FOR MONEY-ORDERS.—For Money Orders in denominations of $100 or less, the following fees are charged: For Orders for sums not exceeding $2.50, 3 cents; $2.50 to $5, 5 cents; $5 to $10, 8 cents; $10 to $20, 10 cents; $20 to $30, 12 cents; $30 to $40, 15 cents; $40 to $50, 18 cents; $50 to $60, 20 cents: $60 to $75, 25 cents; $75 to $100, 30 cents.



FOREIGN POSTAGE.

To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

TO CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER, same as in the United States: Samples, 1 cent per 2 ounces (must be paid at least 2 cents); MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. 6 ozs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

TO MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per two ounces**; MERCHANDISE other than Samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Mexico.

LIMITS OF SIZE AND WEIGHT: Packages of samples of merchandise to the countries named above (except Great Britain, France, Belgium, and Switzerland) must not exceed 8¾ ozs., nor measure more than 12 in. in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs. Packages of merchandise samples to Great Britain, France, Belgium, Switzerland, Italy, Austria, Hawaii, and Argentine Republic are limited to 12 ozs. in weight, 12 in. in length, 8 in width, and 4 in depth. Packages of printed matter to Germany and Great Britain are limited to 2 ft. in length and 1 ft. in each other dimension.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

On Money Orders payable in foreign countries the following fees are charged:

For Orders for sums of $10 or less			10 cents.
Over $10	and not exceeding	$20	20 cents.
Over 20	and not exceeding	30	30 cents.
Over 30	and not exceeding	40	40 cents.
Over 40	and not exceeding	50	50 cents.
Over 50	and not exceeding	60	60 cents.
Over 60	and not exceeding	70	70 cents.
Over 70	and not exceeding	80	80 cents.
Over 80	and not exceeding	90	90 cents.
Over 90	and not exceeding	100	$1.00.



INTEREST TABLES.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

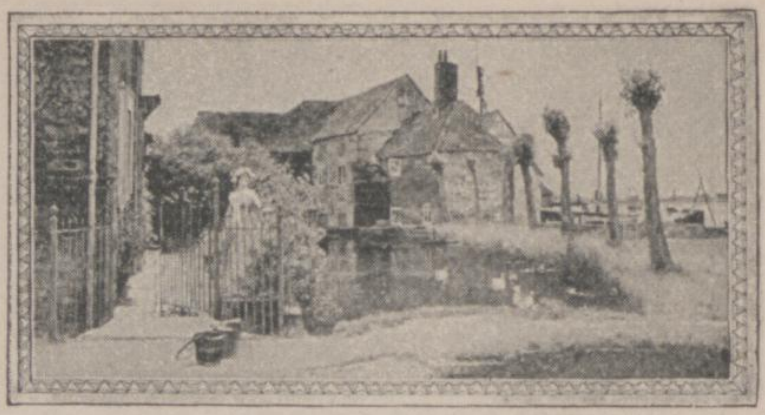
6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

TABLE OF WAGES BY THE WEEK.

Wages	Half hour.	One hour.	Two hours	Four hours.	Five hours.	Six hours	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	6 d.
$3	.02½	.05	.10	.20	.25	.30	.40	.45	.50	1.00	1.50	2.00	2.50	3
4	.03⅓	.06⅔	.13⅓	.26⅔	.33⅓	.40	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4
5	.04⅙	.08⅓	.16⅔	.33⅓	.41⅔	.50	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5
6	.05	.10	.20	.40	.50	.60	.80	.90	1.00	2.00	3.00	4.00	5.00	6
7	.05⅚	.11⅔	.23⅓	.46⅔	.58⅓	.70	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7
8	.06⅔	.13⅓	.26⅔	.53⅓	.66⅔	.80	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8
9	.07½	.15	.30	.60	.75	.90	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9
10	.08⅓	.16⅔	.33⅓	.66⅔	.83⅓	1.00	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10
11	.09⅙	.18⅓	.36⅔	.73⅓	.91⅔	1.10	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11
12	.10	.20	.40	.80	1.00	1.20	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12
13	.10⅚	.21⅔	.43⅓	.86⅔	1.08⅓	1.30	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13
14	.11⅔	.23⅓	.46⅔	.93⅓	1.16⅔	1.40	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14
15	.12½	.25	.50	1.00	1.25	1.50	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15
16	.13⅓	.26⅔	.53⅓	1.06⅔	1.33⅓	1.60	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16
17	.14⅙	.28⅓	.56⅔	1.13⅓	1.41⅔	1.70	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17
18	.15	.30	.60	1.20	1.50	1.80	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18
19	.15⅚	.31⅔	.63⅓	1.26⅔	1.58⅓	1.90	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19
20	.16⅔	.33⅓	.66⅔	1.33⅓	1.66⅔	2.00	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20
24	.20	.40	.80	1.60	2.00	2.40	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24

This Table is based upon the usual calculation of 10 hours to a day.





PRINCIPAL COUNTRIES OF THE WORLD.

COUNTRY.	Square Miles.	Population.	Capital.
British Empire	12,208,506	378,946,973	London.
Chinese Empire	4,468,750	303,214,960	Pekin.
Russian Empire	8,457,289	108,787,244	St. Petersb'g.
United States	3,602,990	62,622,250	Washington.
German Empire	211,108	49,421,064	Berlin.
Austria-Hungary	201,591	41,827,700	Vienna.
Japan	147,669	39,607,234	Tokio.
France	204,177	38,218,903	Paris.
G't Britain and Ireland	121,230	37,740,569	London.
Turkey	1,652,533	33,559,787	Consta'nople.
Italy	110,665	29,699,785	Rome.
Spain	196,173	17,550,216	Madrid.
Brazil	3,219,000	14,000,000	R. de Janeiro.
Mexico	751,700	11,632,924	Mexico.
Persia	636,000	7,653,600	Teheran.
Egypt	400,000	6,817,265	Cairo.
Norway and Sweden	298,974	6,774,409	Stockholm.
Morocco	314,000	6,500,000	Morocco.
Belgium	11,373	6,030,043	Brussels.
Siam	280,550	5,700,000	Bangkok.
Roumania	46,314	5,376,000	Bucharest.
Canada	3,456,690	4,833,239	Ottawa.
Portugal	34,038	4,708,178	Lisbon.
Abyssinia	189,000	4,500,000	Magdala.
Holland (Netherlands)	12,680	4,450,870	The Hague.
Argentine Republic	1,095,013	4,200,000	BuenosAyres.
Colombia	331,420	4,000,000	Bogota.
Peru	405,040	2,970,000	Lima.
Switzerland	15,981	2,933,334	Berne.
Chili	256,860	2,665,926	Santiago.
Bolivia	472,000	2,300,000	La Paz.
Greece	24,977	2,187,208	Athens.
Denmark	14,780	2,172,205	Copenhagen.
Venezuela	566,159	2,121,988	Caracas.
Servia	18,757	2,096,043	Belgrade.
Cuba	43,220	1,521,684	Havana.
Guatemala	46,774	1,427,116	N.Guatemala.
Ecuador	144,000	1,146,000	Quito.
Liberia	14,000	1,050,000	Monrovia.
Porto Rico	3,550	784,709	San Juan.
Uruguay	72,112	700,000	Montevideo.
San Salvador	7,228	651,130	San Salvador.
Hayti	29,830	550,000	P't au Prince.
Paraguay	145,000	476,000	Asuncion.
Honduras	42,658	431,917	Tegucigalpa.
Nicaragua	51,660	400,000	Nicaragua.
Costa Rica	19,985	213,785	San Jose.
Hawaii	6,587	86,647	Honolulu.



STATES AND TERRITORIES.

STATES AND TERRITORIES.	Square Miles.	When Settled.	Admitted.	Populat'n in 1892.	Elec'l Vote.
Alabama	52,250	1711	1819	1,565,000	11
Arkansas	53,850	1685	1836	1,195,000	8
California	158,360	1768	1850	1,286,000	9
Colorado	103,925	1806	1876	478,000	4
Connecticut	4,990	1635	1789	776,000	6
Delaware	2,050	1638	1787	173,000	3
Florida	58,680	1565	1845	420,000	4
Georgia	59,475	1733	1789	1,898,000	13
Idaho	84,800	1860	1890	100,000	3
Illinois	56,650	1682	1818	3,975,000	24
Indiana	36,350	1702	1816	2,234,000	15
Iowa	56,025	1788	1837	1,964,000	13
Kansas	82,080	1719	1861	1,480,000	10
Kentucky	40,400	1787	1792	1,883,000	13
Louisiana	48,720	1699	1812	1,156,000	8
Maine	33,040	1635	1820	664,000	6
Maryland	12,210	1634	1789	1,059,000	8
Massachusetts	8,315	1620	1789	2,353,000	15
Michigan	58,915	1670	1837	2,186,000	14
Minnesota	83,365	1819	1858	1,418,000	9
Mississippi	46,810	1716	1817	1,326,000	9
Missouri	69,415	1764	1821	2,790,000	17
Montana	146,080	1860	1889	160,000	3
Nebraska	77,510	1854	1867	1,225,000	8
Nevada	110,700	1848	1864	44,000	3
New Hampshire	9,305	1623	1789	382,000	4
New Jersey	7,815	1620	1789	1,522,000	10
New-York	49,170	1614	1789	6,212,000	36
North Carolina	52,250	1650	1789	1,660,000	11
North Dakota	68,645	....	1889	223,000	3
Ohio	41,060	1788	1802	3,770,000	23
Oregon	96,030	1811	1859	352,000	4
Pennsylvania	45,215	1638	1789	5,497,000	32
Rhode Island	1,250	1636	1790	360,000	4
South Carolina	30,570	1690	1789	1,181,000	9
South Dakota	79,800	....	1889	386,000	4
Tennessee	42,050	1750	1796	1,789,000	12
Texas	265,780	1685	1845	2,377,000	15
Vermont	9,565	1724	1791	333,000	4
Virginia	42,450	1607	1789	1,685,000	12
Washington	69,180	1845	1889	410,000	4
West Virginia	24,780	1607	1863	784,000	6
Wisconsin	56,040	1669	1847	1,771,000	12
Wyoming	97,890	1869	1890	74,000	3
Utah	84,970	1847	1896	223,000	3
Alaska Ter.	561,409	1741	....	40,000	....
Arizona "	113,020	1582	....	63,000	....
Indian "	64,609	1834	....	190,000	....
New Mexico "	122,580	1582	....	161,000	....
Oklahoma "	39,450	....	....	123,000	....



PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1890.	Miles	Hours	Stan. Time — Mean + Time.
New-York, N. Y.	1,513,501	....	....	— 4 m.
Chicago, Ill.	1,098,576	912	24.	— 9
Philadelphia, Pa.	1,044,894	90	2.	+ 1
Brooklyn, N. Y.	804,377	....	....	— 4
St. Louis, Mo.	450,245	1065	29.40	+ 1
Boston, Mass.	446,507	234	5.	— 16
Baltimore, Md.	433,547	188	4.09	+ 6
San Francisco, Cal.	297,990	3269	100.15	+ 10
Cincinnati, Ohio	296,309	757	21.10	— 22
Cleveland, Ohio	261,546	595	14.20	+ 27
Buffalo, N. Y.	254,457	410	8.20	+ 16
New Orleans, La.	241,995	1371	48.	0
Pittsburgh, Pa.	238,473	444	12.	+ 20
Washington, D. C.	228,160	228	5.25	+ 8
Detroit, Mich.	205,669	646	16.55	— 28
Milwaukee, Wis.	204,150	997	27.10	— 8
Newark, N. J.	181,518	10	.30	— 3
Minneapolis, Minn.	164,738	1332	39.	+ 12
Louisville, Ky.	161,005	867	24.30	— 18
Omaha, Neb.	139,526	1402	41.30	+ 14
Rochester, N. Y.	138,327	371	6.55	+ 11
St. Paul, Minn.	133,156	1322	38.40	+ 12
Kansas City, Mo.	132,416	1385	41.30	+ 19
Providence, R. I.	132,099	188	4.01	— 14
Denver, Col.	126,186	1974	60.	0
Indianapolis, Ind.	107,445	825	22.30	— 16
Albany, N. Y.	93,523	143	2.45	— 5
Columbus, Ohio	90,398	540	17.	— 28
Syracuse, N. Y.	87,877	291	5.28	+ 5
Worcester, Mass.	84,536	190	5.	— 13
Toledo, Ohio.	82,652	706	17.30	— 16
Richmond, Va.	80,838	342	11.15	+ 10
Nashville, Tenn	76,309	1000	30.30	— 17
Los Angeles, Cal.	65,000	3177	100.	— 7
Grand Rapids, Mich.	64,147	934	23.08	— 17
Seattle, Wash.	57,542	3358	120.	+ 10
Lincoln, Neb.	55,491	1460	30.30	+ 22
Charleston, S. C.	54,592	803	31.	+ 24
Hartford, Conn.	53,182	110	2.35	— 9
Des Moines, Iowa	50,067	1270	41.	+ 14
Portland, Or.	47,294	3226	112.30	+ 20
Salt Lake City, Utah.	45,025	2471	72.	+ 28
Tacoma, Wash.	45,000	3209	128.	+ 9
Savannah, Ga.	41,762	904	31.	+ 24
Galveston, Texas	29,118	1782	63.	+ 19
Leavenworth, Kan.	20,250	1369	41.	+ 20
Rutland, Vt.	11,757	232	7.47	— 9



VALUE OF FOREIGN COINS.

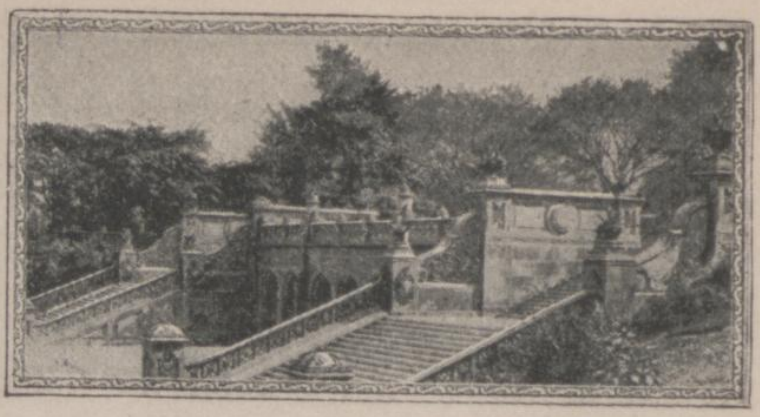
DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.69.8
Bolivar	Venezuela	.14.
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Liberia	1.00.
"	Mexico	.75.8
"	Sandwich Islands	1.00.
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
Half Imperial	Russia	3.97.
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mahbub of 20 piasters	Tripoli	.62.9
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" " "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
"	Ecuador	.69.8
"	U. S. of Colombia	.69.8
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sovereign)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Rupee of 16 annas	India	.33.2
Shilling	England,	.24.
Sol	Peru	.69.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.75.2

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.



PLACES OF INTEREST IN NEW YORK.

AMERICAN MUSEUM OF NATURAL HISTORY, between Eighth and Ninth Avenues, 77th and 81st Streets.—Open free every day except Monday and Tuesday, when there is an admission fee of 25 cents. Contains a fine collection of mounted birds, animals, fishes, insects, &c.

BATTERY PARK, at the southern end of the island.—Contains 21 acres, beautifully laid out. A wide promenade extends along the sea wall, from which a fine view of the harbor may be obtained. Named from the battery erected here by the Dutch settlers. The British army embarked here Nov. 25, 1783, when evacuating New York at the close of the Revolution.

BROOKLYN BRIDGE, connects New York City with Brooklyn.—Construction begun June 3d, 1870. Opened to the public May 24th, 1883. Total length, 5989 feet; width, 89 feet; height of towers, 278 feet; height of center above high water, 135 feet; cost $15,000,000. Foot passengers, free; car fare, 3 cents, or 10 tickets for 25 cents.

CASTLE GARDEN, in Battery Park.—Now New York Aquarium. Formerly used for great public meetings and receptions. Admittance to the Aquarium is free. Its hours are from 10 A. M. to 4 P. M., and it is open daily excepting on Mondays and Tuesdays.

CENTRAL PARK, between Fifth and Eighth Avenues, 59th and 110th Streets.—2½ miles long and ½ mile wide. Contains 860 acres. It has twelve grand entrances, contains 28 miles of walks, 10 miles of carriage roads, and 5 miles of bridle paths. More than 10,000,000 people visit the park annually.

CITY HALL, City Hall Park.—Built of marble in 1803. The Governor's room contains the portraits of all the Governors of New York State, the chair and desk at which Washington wrote his first message to Congress, and many other relics.

CUSTOM HOUSE, Wall Street, Cor. of William.—A granite edifice, the portico of which is supported by a number of columns 38 feet high, 4½ feet in diameter, each cut from a single stone. All vessels arriving at and leaving this port must report to the Government officials here.

GEN. GRANT'S TOMB, in Riverside Park at 123d Street, overlooking the Hudson River. Erected by popular subscription at a cost of nearly $600,000 and dedicated April 27, 1897, with imposing ceremonies. It can be reached by the Sixth Avenue Elevated road to 125th Street, thence by cable cars.

HIGH BRIDGE, Harlem River at 175th Street.—A stone structure conveying the water of the Croton aqueduct across the Harlem River, at a height of 100 feet; length, 1400 feet.

METROPOLITAN MUSEUM OF ART, in Central Park, near Fifth Avenue and 82d Street.—Open free every day except Monday and Tuesday, when an admission fee of 25 cents is charged. Contains a large and rich collection of some of the best examples of the old masters and modern painters, and a fine gallery of marble statuary.



PLACES OF INTEREST IN NEW YORK.

OBELISK, in Central Park, near Metropolitan Museum, Fifth Avenue and 82d Street.— Erected in Egypt about 3500 years ago. It is cut from one solid block of granite, 70 feet high and weighing 40,000 pounds. It is covered with hieroglyphics illustrating the deeds and titles of the King of Egypt at that time. Presented by the Khedive, Ismail Pasha, to the city of New York. Brought here by Lieut. Gorringe, U. S. N., in a vessel specially fitted up for the purpose. The entire cost of transportation and erecting was defrayed by the late William H. Vanderbilt.

POST OFFICE, Broadway and Park Row.— Costing $7,000,000. There are sixteen branch offices.

STATUE OF LIBERTY, on Liberty (formerly Bedloe's) Island. Modeled by the French sculptor Bartholdi, and presented by France to the United States. The Statue is of copper-bronze, 151 feet high; mounted on a stone pedestal 154 feet high, making the extreme height 305 feet. It may be reached by boat from the Barge Office at the Battery.

SUB-TREASURY, Wall Street, Cor. of Nassau.— Built of white granite on the site of old Federal Hall, where Washington was inaugurated. The original building, erected in 1700, was used for the City Hall. The first Congress under the National Constitution met here, March 4th, 1789, when the name was changed to Federal Hall. Afterwards used as the State Capitol, and then the present building was erected and used many years as the Custom House; now occupied for the storage of gold and silver coin, etc. The walls are five and six feet thick, and the roof is of solid stone four feet thick. It is guarded day and night by a force of twenty-five men. On the steps now stands a statue of Washington, the pedestal containing the very stone on which he stood when taking the oath, on April 30th, 1789.

ST. PATRICK'S CATHEDRAL, Fifth Avenue, 50th and 51st Streets.— The most imposing church edifice in the United States, costing over $2,000,000. It is 300 feet long, 140 feet wide, and 108 feet high. The twin spires on either side of the front gable rise to a height of 328 feet. The rich stained glass in its 70 windows was made in France and cost $100,000. The main altar, 40 feet high, is made of Italian marble inlaid with rare gems. The organ is one of the largest in the city. The Cathedral is open daily.

ST. PAUL'S CHURCH, Broadway, Cor. Vesey Street.— Erected in 1764. A chapel of Trinity Church. Was attended by Washington, and his pew still remains, marked with his initials.

TRINITY CHURCH, Broadway, head of Wall Street.— The richest parish in the United States, its annual income reaching $500,000. Was founded in 1697. The church was burned in 1776, rebuilt in 1788, and the present house was completed in 1846. It was designed by the famous American architect Upjohn, and required seven years to build. The steeple is 284 feet high.

PRESIDENTS OF THE UNITED STATES.

NAMES.	BORN.	INAUGURATED.	IN OFFICE.	DIED.	NATIVE OF.
GEORGE WASHINGTON .	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
JOHN ADAMS.....	Oct. 30, 1735	March 4, 1797	4 "	July 4, 1826	Massachus'ts.
THOMAS JEFFERSON....	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
JAMES MADISON.....	March 16, 1751	" 4, 1809	8 "	June 28, 1836	"
JAMES MONROE.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
JOHN QUINCY ADAMS...	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Massachus'ts.
ANDREW JACKSON.....	March 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
MARTIN VAN BUREN....	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New York.
WILLIAM H. HARRISON.	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.
JOHN TYLER.....	March 20, 1790	April 5, 1841	3 yrs. 11 mos..	Jan. 17, 1862	"
JAMES K. POLK.....	Nov. 2, 1795	March 4, 1845	4 "	June 15, 1849	N. Carolina.
ZACHARY TAYLOR.....	Nov. 24, 1790	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
MILLARD FILLMORE....	May 7, 1800	July 10, 1850	2 yrs. 8 " ..	March 8, 1874	New York.
FRANKLIN PIERCE.....	Nov. 23, 1804	March 4, 1853	4 "	Oct. 8, 1869	N. Hampshire.
JAMES BUCHANAN.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN.....	Feb. 12, 1809	" 4, 1861	4 " 40 days.	April 15, 1865	Kentucky.
ANDREW JOHNSON.....	Dec. 29, 1808	April 15, 1865	3 " 11 mos.	July 31, 1875	N. Carolina.
ULYSSES S. GRANT.....	April 27, 1822	March 4, 1869	8 "	July 23, 1885	Ohio.
RUTHERFORD B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6 mos. 15 days	Sept. 19, 1881	"
CHESTER A. ARTHUR ...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 mos...	Nov. 18, 1886	Vermont.
GROVER CLEVELAND ...	March 18, 1837	March 4, 1885	4 "	.....	New Jersey.
BENJAMIN HARRISON...	Aug. 20, 1833	" 4, 1889	4 "	.....	Ohio.
GROVER CLEVELAND ...	March 18, 1837	" 4, 1893	4 "	.....	New Jersey.
WILLIAM McKINLEY...	Jan. 29, 1843	" 4, 1897	.....	.....	Ohio.





VALUABLE INFORMATION FOR BUSINESS MEN.

DEMAND NOTES are payable on presentation, without grace, and bear legal interest after a demand has been made, if not so written. An endorser on a demand note is holden only for a limited time, variable in different States.

A NEGOTIABLE NOTE must be made payable either to bearer, or be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility, he can endorse "without recourse."

A JOINT NOTE is one signed by two or more persons, who can each become liable for the whole amount.

NO GRACE is allowed in the majority of States on time notes after the time for payment expires. If not paid when due, the endorser, if any, should be legally notified to be holden.

NOTES FALLING DUE ON SUNDAY, or on a legal holiday, must be paid the day following as a rule.

ALTERING A NOTE in any manner, by the holder, makes it void.

NOTES GIVEN BY MINORS are void.

THE MAKER OF A NOTE that is lost or stolen is not released from payment if the amount and consideration can be proven.

NOTES OBTAINED BY FRAUD, or given by intoxicated persons, cannot be collected.

AN ENDORSER has a right of action against all whose names were previously on a note endorsed by him.

A BILL OF EXCHANGE OR DRAFT is an order drawn by one person or firm upon another, payable either at sight or at a stated future time.

A note dated on Sunday is void. An endorser of a note is exempt from liability if not served with notice of its dishonor within 24 hours of its non-payment. Notes bear interest only when so stated. Principals are responsible for their agents. Each individual in partnership is responsible for the whole amount of the debts of the firm. Ignorance of the law excuses no one. It is a fraud to conceal a fraud. It is illegal to compound a felony. The law compels no one to do impossibilities. An agreement without a consideration is void. Signatures in lead pencil are good in law. A receipt for money is not legally conclusive. The acts of one partner bind all the others. Contracts made on Sunday cannot be enforced. A contract with a minor is void. A contract made with a lunatic is void. Written contracts concerning land must be under seal.

DEPOSITS OF MONEY in a bank placed to the credit of depositors are always subject to their check for full amount due.





WILLIAM MCKINLEY... Jan. 29, 1843 | ... 4, 1897 | ... Ohio.



WEIGHTS AND MEASURES.

MEASURES OF WEIGHT.—*Avoirdupois:* 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy:* 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries':* 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric:* 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

MEASURES OF LENGTH.— *Customary:* 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric:* 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

SURFACE OR SQUARE MEASURE.— *Customary:* 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric:* 1 square metre equals 1 acre; 100 acres, 1 hectare; 1 hectare equals about 2.5 (2.47) acres.

SOLID OR CUBIC MEASURE.— *Customary:* 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch — usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric:* 1000 cubic centimetres equal 1 litre, equals .946 quart.

LIQUID MEASURE.—English gallon equals 277.463 cubic inches; U. S. gallon equals 231 cubic inches; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

DRY MEASURE.— 1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric:* 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 1.06 quarts.

POUNDS PER BUSHEL.— The weight per bushel of different articles differs in different States. Revised Statutes of the U. S., Sec. 2919: "For the purpose of estimating the duties on importations of grain, the number of bushels shall be ascertained by weight instead of by measuring; and sixty pounds of wheat, fifty-six pounds of corn, fifty-six pounds of barley, thirty-two pounds of oats, sixty pounds of peas, and forty pounds of buckwheat, avoirdupois weight, shall respectively be estimated as a bushel."

CAPACITY OF BOXES.

25 in. sq.,	11.66 in.	deep	=	Approx.	1 wine barrel.
20 " "	9.10 "	"	=	"	1 wine half barrel.
17 " x 14 in.	9.00 "	"	=	"	1 bushel.
10 " x 12 "	9.00 "	"	=	"	½ "
8 " square,	8.40 "	"	=	"	1 peck.
8 " "	4.20 "	"	=	"	1 gal. (dry measure).
7 " diam.,	6.00 "	"	=	"	1 gal. (liquid measure).



COMPARATIVE YIELD

IN POUNDS PER ACRE.

Hops	442	Plums	2,000	Grass	7,000
Wheat	1,260	Cherries	2,000	Potatoes	7,500
Barley	1,600	Onions	2,800	Apples	8,000
Oats	1,840	Hay	4,000	Turnips	8,420
Peas	1,920	Pears	5,000	Cabbages	10,900
Beans	2,000	Carrots	6,800	Parsnips	11,200

PERCENTAGE OF NUTRITION IN VARIOUS ARTICLES OF FOOD.

Cucumbers	2	Boiled codfish	21	Rye bread	79
Melons	3	Potatoes	22½	Boiled beans	87
Turnips	4½	Fried veal	24	Boiled rice	88
Milk	7	Roast pork	24	Barley bread	88
Cabbage	7½	Roast poultry	26	Wheat bread	90
Currants	10	Beef	26	Baked cornbread	91
Eggs	13	Grapes	27	Boiled barley	92
Beets	14	Plums	29	Butter	93
Apples	16	Broiled mutton	30	Boiled peas	93
Peaches	20	Oatmeal p'dge	75		

AGRICULTURAL PRODUCTIONS OF THE UNITED STATES.

Barley, bushels	72,760,000	Oats, bushels	661,035,000
Buckwheat, "	11,000,000	Oranges, boxes	7,000,000
Butter and cheese, tons	610,000	Peanuts, bushels	2,600,000
Cotton, bales	6,717,142	Potatoes, "	155,000,000
Flax, bushels	11,104,440	Rye, "	31,750,000
Hay, tons	50,000,000	Sugar, pounds	481,270,222
Hops, pounds	1,987,790,000	Tobacco, "	565,795,000
Indian corn, bu.	1,628,464,000	Wheat, bushels	515,949,000
		Wool, pounds	294,000,000

LIVE STOCK.—Number of horses, 16,206,802; mules, 2,321,128; cows, 16,424,087; oxen and other cattle, 35,954,196; sheep, 47,273,553; swine, 46,094,807.

TO MEASURE CORN IN CRIB, ETC.

This rule will apply to a crib of any size or kind. Two cubic feet of good, sound, dry corn in the ear will make a bushel of shelled corn. To get, then, the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth, and height of the crib inside of the rail; multiply the length by the breadth, and the product by the height; then divide the product by two, and you have the number of bushels of shelled corn in the crib.

To find the number of bushels of apples, potatoes, etc., in a bin, multiply the length, breadth, and thickness together, and this product by 8, and point off one figure in the product for decimals.



FACTS FOR BUILDERS.

Bricks Required to Construct any Building.

(Reckoning 7 Bricks to each Superficial Foot.)

SUPERFICIAL FEET OF WALL.	NUMBER OF BRICKS TO THICKNESS OF					
	4 IN.	8 IN.	12 IN.	16 IN.	20 IN.	24 IN.
1.....	7	15	23	30	38	45
2.....	15	30	45	60	75	90
3.....	23	45	68	90	113	135
4.....	30	60	90	120	150	180
5.....	38	75	113	150	188	225
6.....	45	90	135	180	225	270
7.....	53	105	158	210	263	315
8.....	60	120	180	240	300	360
9.....	68	135	203	270	338	405
10.....	75	150	225	300	375	450

Cost of Tin Roofing per Square and Square Foot.

The first column contains the price, per box, of tin; the second column shows the cost of tin per square (100 square feet) of surface; and the third column shows the cost of tin per square foot of surface.

Flat Seam Roofing — Cost with 14×20 tin.

$4.25.....	$2.21.....	$0.0221	$6.25.....	$3.25.....	$0.0325
4.50.....	2.34.....	.0234	6.50.....	3.38.....	.0338
4.75.....	2.47.....	.0247	6.75.....	3.51.....	.0351
5.00.....	2.60.....	.0260	7.00.....	3.64.....	.0364
5.25.....	2.73.....	.0273	7.25.....	3.77.....	.0377
5.50.....	2.86.....	.0286	7.50.....	3.90.....	.0390
5.75.....	2.99.....	.0299	7.75.....	4.03.....	.0403
6.00.....	3.12.....	.0312	8.00.....	4.17.....	.0416

1000 shingles, laid 4 inches to the weather, will cover 100 square feet of surface, and 5 pounds of shingle nails will fasten them on.

One fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in the siding and matching.

1000 laths will cover 70 yards of surface, and 11 pounds of lath-nails will nail them on. Eight bushels of good lime, 16 bushels of sand, and 1 bushel of hair will make enough good mortar to plaster 100 square yards.

A cord of stone, 3 bushels of lime, and a cubic yard of sand will lay 100 cubic feet of wall.

Five courses of brick will lay 1 foot in height on a chimney; 6 bricks in a course will make a flue 4×12 inches; and 8 bricks in a course will make a flue 8×16 inches.

Cement 1 bushel and sand 2 bushels will cover 3½ square yards 1 inch thick, 4½ square yards ¾ inch thick, 6¾ square yards ½ inch thick. One bushel cement and 1 of sand will cover 2¼ square yards 1 inch thick, 3 square yards ¾ inch thick, and 4½ square yards ½ inch thick.



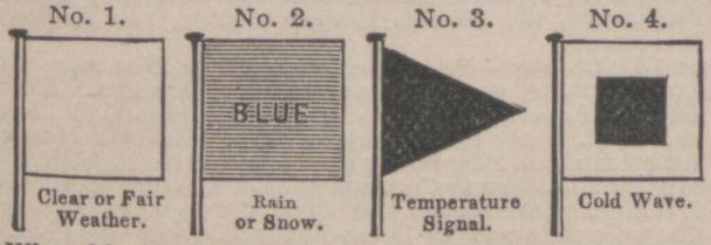
TO TELL TIME OF TIDE.

The time of high water at the places following may be found approximately for each day by adding or subtracting from the time of high water at New-York the hours and minutes annexed.

	H. M.		H. M.
Albany, N. Y.	+ 9.39	New Haven, Conn.	+ 3.1
Annapolis, Md.	+ 8.57	New London, Conn.	+ 1.16
Asbury Park, N. J.	— 0.37	Newport, R. I.	— 0.22
Atlantic City, N. J.	— 0.29	Norfolk, Va.	+ 0.56
Baltimore, Md.	+10.52	Norwich, Conn.	+ 2.5
Bar Harbor, Me.	+ 2.50	Ocean Grove, N. J.	— 0.37
Beaufort, S. C.	— 0.9	Old P. Comfort, Va.	+ 0.37
Block Island, R. I.	— 0.34	Philadelphia, Pa.	+ 5.37
Boston, Mass.	+ 3.22	Plymouth, Mass.	+ 3.12
Bridgeport, Conn.	+ 3.4	Point Lookout, Md.	+ 4.49
Bristol, R. I.	— 0.2	Portland, Me.	+ 3.10
Cape May, N. J.	+ 0.12	Portsmouth, N. H.	+ 3.16
Charleston, S. C.	— 0.43	Poughkeepsie, N. Y.	+ 4.27
Coney Island, N. Y.	— 0.20	Providence, R. I.	+ 0.7
Eastport, Me.	+ 3.1	Richmond, Va.	+ 8.47
Fernandina, Fla.	— 0.19	Rockaway, N. Y.	— 0.28
Gloucester, Mass.	+ 2.57	Rockland, Me.	+ 2.55
Isle of Shoals	+ 3.11	Rockport, Mass.	+ 2.50
Jacksonville, Fla.	+ 0.36	Salem, Mass.	+ 3.5
Key West, Fla.	+ 0.55	Sandy Hook, N. J.	— 0.32
League Island, Pa.	+ 5.12	Savannah, Ga.	— 0.49
Long Branch, N. J.	— 0.38	Smithville, N. C.	— 0.51
Marblehead, Mass.	+ 3.4	Vineyard Haven, Mass	+ 3.35
Nahant, Mass.	+ 3.2	Washington, D. C.	+11.54
Nantucket, Mass.	+ 4.31	Watch Hill, R. I.	+ 0.53
New Bedford, Mass.	+ 0.10	West Point, N. Y.	+ 2.55
Newburyport, Mass.	+ 3.29	Wilmington, N. C.	+ 0.59

EXAMPLE.—To ascertain at what hour it will be high tide at Sandy Hook on the 1st of July, find first the time of high water at New-York under that date, and then subtract 32 minutes, as found in above table opposite Sandy Hook; the result is the time of high water required.

WEATHER SIGNALS.



When black triangular flag is placed above white or blue flag it indicates warmer; when placed below, colder weather.

For example—3, 1, 2 indicates warmer, fair weather, followed by rain or snow.



BEST RECORDS.

WORLD'S RECORDS FOR ONE MILE. ALL METHODS OF PROGRESSION.

TIME. M. S.	METHOD.	HOLDER OF RECORD.	DATE.
0.32	Railroad Train..	Empire State Exp.	May, '93
0.59	Electric Railway.	B. & O. R. R.....	Sep. '95
1.00	Ice Yacht.....	On Newburgh Bay	'94
1.35 1-2	Horse (Running)	Salvator.....	Aug.28,'90
1.39 1-5	Bicycle (Safety).	W. W. Hamilton..	Mar. 2,'96
1.45	Torpedo Boat...	Sokol.....	Oct. '95
1.45 3-5	Tandem Bicycle.	Butler & Butler...	July 4,'96
2.00 1-2	Horse (Pacing)..	John B. Gentry	Sep. 24,'96
2.03 3-4	" (Trotting)	Alix.....	Sep. 13,'94
2.12 1-2	Yacht (Steam)..	Norwood.....	Nov. 7,'91
2.12 3-5	Skating (Ice, with Wind).....	Tim. Donoghue*..	Feb. 1,'87
2.13 4-5	Steamship.....	Lucania.....	Oct. '93
2.28	Single Tricycle..	L. Stroud*.....	Sep. 22,'93
2.31 2-5	Tandem Tricycle	P. W. S. Beduin* / B. W. Crump*	July 25,'91
2.38	Skating (Ice, rink)	Joe. Donoghue....	Feb. 11,'96
2.50 2-5	Skating (Rollers)	Frank Delmont**.	Aug.27,'90
4.12 3-4	Man (Running)..	W. G. George**...	Aug.26,'86
5.40	Rowing (Single Sculls).....	Jos. Laing*.....	Aug.19,'82
5.42 1-2	Snowshoes (Running).....	J. G. Ross*.....	Mar. 7,'85
6.23	Walking.....	W. Perkins**.....	June 1,'74
6.40	Canoe (Paddling)	C. E. Archibald....	July, '94
27.03 1-2	Swimming.....	W. G. Gromley*..	Mar. 28,'93

* Amateur. ** Professional.

YACHT RACING.—For America's Cup, between Valkyrie III. (English) and Defender (American). First race, won by Defender; second race, given to Defender on foul by Valkyrie; third race, Valkyrie failed to sail the course.

BASE-BALL, 1896.—Baltimore won the League pennant; Providence, the Eastern League trophy; Yale defeated Princeton.

FOOT-BALL, 1896.—Princeton defeated Yale, Nov. 21, 24 to 6.

LAWN TENNIS, 1896.—Championship of America. Men's singles, Robert D. Wrenn; men's doubles, C. B. Neel and S. R. Neel; ladies' singles, Miss Elizabeth Moore; ladies' doubles, Miss Moore and Miss Juliette P. Atkinson.

GOLF, 1896.—Amateur Championship of America, won by H. I. Whigham, Onwentsia Golf Club, Chicago; Professional Championship won by James Foulis, Chicago Golf Club.

WEIGHT THROWING.—Putting 16-lb. shot, G. R. Gray, N. Y. A. C., 47 ft. Throwing 56-lb. weight, J. S. Mitchell, N. Y. A. C., 35 ft. 10 in. Throwing 16-lb. hammer (7-ft. circle), J. S. Mitchell, N. Y. A. C., 145 ft. ¾ in.

Wea.	SAT. JAN. 1, 1898	Ther.
6 am	Ground white	23° +
12 M	Overcast	24° +
+	Spitting snow	20° +
6½ PM	Cloudy	
7 PM	starlight	

Wea.	SUNDAY 2	Ther.
5¼ am	Overcast	9° +
½ PM.	Sun out	24° +
2 "	Light clouds	24° +
Bright Sunset		
Dr Young at tea		

Wea.	Mon. Jan. 3, 1898	Ther.
6 am	6 clear	24° +
1 PM	"	34° +
6 "	"	32° +

Wea.	Tuesday 4	Ther.
6½ am	Clear	35° +
1 PM	"	41°

Wea.	WED. JAN. 5, 1898	Ther.
7 am	Clear	26°
6 PM	"	36

Wea.	THURSDAY 6	Ther.
Drizzly	7 am,	34° +
Rainy	6 PM	44
a Rainy day		

Wea.	FRI. JAN. 7, 1898	Ther.
Overcast	6 am	30
Fog. Moon Shows	6 Pm	40

Wea.	SATURDAY 8	Ther.
Overcast	7 am	52
clear	12 M	56
"	6 Pm	50

Wea.	SUN. JAN. 9, 1898	Ther.
Cloudy	7 am	38
Raining	7½ "	
Raining	2 PM	38
"	5½ PM	40

Wea.	MONDAY 10	Ther.
Cloudy	damp 6 am	48°
"	12 M	49
"	6½ PM	48

Wea.	SAT. JAN. 15, 1898	Ther.
Raining	5 1/2 (Time)	46° +
Cloudy	12	53
"	5 1/2	47

a disagreeable day

Wea.	SUNDAY 16	Ther.
Cloudy	7 am	38°
"	12 m	40°

Wea.	MON. JAN. 17, 1898	Ther.
Fog.	5 3/4 AM	48
Light-clouds	12 M	36
Clear	7 1/4 PM	34

Wea.	TUESDAY 18	Ther
Fog	5 3/4 AM.	34°
Clear	6 PM	40°

Called on Dr Nat. Young, not at home, up to C. & O. Shop
Called on Dr Mont. found Johnnie suffering with tooth ache
A pleasant Evening

Wea.	WED. JAN. 19, 1898	Ther.
Fog	6¾ am	35
Light Clouds	12 m	46
Raining	4 pm	
"	5¼ "	41

Hyman delivers 25 posts

Wea.	THURSDAY 20	Ther.
Clouds breaking	6¾ am	56
Rainy night		
Still Cloudy	12 M	56
Strong N.W. wind		
Cloudy	5½ Pm	48
Strong N.N.W.		

Judge Cassidy called this morning

Wea.	FRI. JAN. 21, 1898	Ther.
Overcast	6½ Am	42°
"	12 M	46
Starlight	5½ PM	40

Hyman Drl 25 feet some of them to crooked as to be handy for use

Wea.	SATURDAY 22	Ther.
Overcast	6½ Am	38
Raining	8 "	
"	12 M	38
Clouds breaking	5 PM	46

Rain apparently over Branch over foot bridge

Wea.	SUN. JAN. 23, 1898	Ther.
Heavy Northerly storm in the Night-		
Clouds breaking 8 AM		40
Still blowing a gale		
Clouds broken 12 M		40
Still strong wind		
Clear, Calm, 6½ PM		37

Took walk to Pollard Woods this Evening

Wea.	MONDAY 24	Ther.
Clear & Calm 6 AM		28
" & pleasant 1½ PM		40
" " 6 PM		40
a pleasant day		

Wea.	TUES. JAN. 25, 1898	Ther.
Raining	6½ AM	34°
"	12 M	41
clear	6 PM	58
Strong N. Wind		

Wea.	WEDNESDAY 26	Ther.
Overcast	5½ AM	38°
Wind gone down		
Cloudy	12 AM	38
"	6 PM	37

Wea.	THUR. JAN. 27, 1898		Ther.
Clear		7 am	30
"	Mild N W	1 PM	37
"	Calm	5 3/4°	36

Walked out to P. Bates this Evening

Wea.	FRIDAY 28		Ther.
Clear	Calm	7 am	26
"	"	8 PM	42

Wea.	SAT. JAN. 29, 1898	Ther.
Overcast	6½ Am,	35
Spitting Snow		
Broken Clouds	12 M.	38
Cloudy	6 PM	32

Wea.	SUNDAY 30	Ther.
Overcast	6 Am	30
Cloudy Spit. Snow	5½ PM	36
Morning broken clouds		
Evening cloudy and Spitting snow		

Dr Young at Supper

Wea.	Mon. Jan. 31, 1898	Ther. +
Cloudy damp	6 am	38°
Cloudy & Misted	6 PM	26
Spitting Snow near all day		

Wea.	Tues. Feb. 1	Ther.
Cloudy. Calm	7 am	17°
Clouds breaking	1/2 M	18
Spitting Snow all the morning		
Clear Calm	6 PM	19

Wea. WED. FEB. 2, 1898 Ther.

Overcast, Calm, 6 am, 16 +
Sun out 10 Pm 28
Spitting snow all the fore noon, a fire in the town part of town 1 house some Broken clouds 6½ Pm, 20°

Wea. THURSDAY 3 Ther.

a clear night +
Clear, Calm 6 am, 5°
" " 9 " 10°
" " 12 M 18
" " 5¾ PM 22

Wea.	Fri. Feb. 4, 1898	Ther.
Clear, Calm	6 am,	16°
" "	12 M,	38
" "	6 PM,	38

Mrs F not so well as usual to day

Wea.	Saturday 5	Ther.
Damp snow falling.	6½ am	34
" Cloudy, Calm,	12 M	35
Clear	6 PM,	36

Mrs slightly improved

Wea. SUN. FEB. 6, 1898 Ther.

		am
Overcast	6¾	34°
Sun coming out	12 M	38

Dr & Mrs Mont. called this Evening

Dr Young at supper

Wea. MONDAY 7 Ther.

Clear	Calm	6 am.	24
"	"	1½ PM.	49
"	"	7 "	40

Mr Condit called this Evening

Wea.	Tues. Feb. 8, 1898	Ther.
Clear, Calm	5½ am,	30
Haze "	12 M	52
Overcast "	6 PM	50

Not feeling well to day

Wea.	Wednesday 9	Ther.
Floating Cloud	6 am	46
Clear Calm	12 M	56
" "	6 PM	52

Mr Sudduth died

Little sleep last night, dull & stupid to day.

Wea.	THUR. FEB. 10, 1898	Ther. +
Clear	Calm	6 am 34
"	"	12 M 60
"	"	6 PM 55

Mrs Haskell died

H. from Bank $50.00/100

a little improved in health

Wea.	FRIDAY 11	Ther.
Clear	calm	5¼, 36
Slightly	Overcast	12 M 66
Rainy		6 " 58

A good rest last night

attended Sadie's Funeral

at 2 PM. Sermon by Mr Coudert

Wea. SAT. FEB. 12, 1898 Ther.

Overcast 5½ PM 46
Rain has ceased
Cloudy 12M 44
" 6 PM

At Mrs Haskells funeral
this morning

Wea. SUNDAY 13 Ther.

Overcast 5½ AM 40
Clear Calm 12 M. 44
" 5¾ PM 47

~~Rolled~~ to Cemetery this
Evening
Bro Pedrano called
will return

Wea. MON. FEB. 14, 1898 Ther.

Clear 5 3/4 am 42
Floating Clouds 1 PM 48
Clear 6 1/2 " 46

Will better this Evening

Wea. TUESDAY 15 Ther.

Light Clouds 6 am 44
A fire in town about 3 am,
at the town Fire Brick Works
Raining at 8 am, Rain
out at 10 am then a Heavy N.W.
wind and at 12 1/4 Snowing
Mercury in the mean time
at 41°
Snow Squals This Evening
Cloudy. Still windy 6 PM 33

Wea.	WED. FEB. 16, 1898	Ther.
Clear. Calm	5½ Am	24
Cloudy, N N W	12 M	32
Flurries of Snow this forenoon		
Calm, Slightly overcast		
but fine sunset.	6 Pm	32
Clear at 8 Pm		

Wea.	THURSDAY 17	Ther.
Clear. Calm	6 Am	26
Floating Clouds	12 M	44
Overcast	7 Pm	46

Ship Maine reported blown up in Havana Harbour

Wea. FRI. FEB. 18, 1898 Ther.

Rain in the night-
Cloudy, Calm 7 am, 46
" & damp 12 M
" " 6½ PM 49
"

Wea. SATURDAY 19 Ther.

NW cast., Calm 5½ AM 47
" " 7½ PM 51
Has been a cloudy but warm day
Alarm of fire in 1st Ward this afternoon

Fire Brick Works on Winchester burned, Dixon found dead in the ruins. Supposed Murder

Wea.	SUN. FEB. 20, 1898	Ther.
Overcast- Calm	6 am	50
Raining	7½ "	
Heavy Rain in the night		
Raining	12 M	42
Cloudy (N. N. W.)	5½ Pm	36

Wea.	MONDAY 21	Ther.
Cloudy, ground white, Calm, and still snowing	6 am,	32
Still snowing	12 M.	34
Cloudy	5½	32

Wea.	TUES. FEB. 22, 1898	Ther.
Snowing	6/4 am	26
Snow in the night		
Clouds breaking	12 M.	32

Wea.	WEDNESDAY 23	Ther.
Cloudy Calm	6 am	30
Clouds breaking	12 M	38
Cloudy Calm	6½ PM	38

Wea.	THUR. FEB. 24, 1898	Ther.
Clear, Calm	6 am	34
Cloudy N. N W	1/2	42
about 11 am. a snow flurry		
at 12 Clear and bright		
Light Clouds	6 1/2 P M	40

Wea.	FRIDAY 25	Ther.
Overcast	6 Am	30
Bright Sun	7 1/2 "	
Spitting Snow	8 "	
at 12 M floating Clouds		
but bright Sun shine		35
Clear Nw. N.W.	6 Pm	32

Wea.	SAT. FEB. 26, 1898	Ther.
Clear Bright, Calm	6 am.	22
Clear Calm	12 M	36
Clear	6½ PM	35

Wea.	SUNDAY 27	Ther.
Fair	6 am	28
Light Clouds	12 M	38
Clear	6 PM	38

Dr Young with us this Evening

Wea.	Mon. Feb. 28, 1898	Ther.
Overcast Calm	6 am	30
" " "	12 M	33
Cloudy	6 Pm	33

Wea.	Tues. March 1	Ther.
Overcast Calm	6 am	30
Clouds breaking	12 M	38
Overcast	6 Pm	40

Sun out in the morning

Wea.	WED. MARCH 2, 1898	Ther.
Overcast	5½ am	35
Snow in the night		
Raining	6½ am	
Clouds breaking	12 M	38
Cloudy	6 PM	34

Wea.	THURSDAY 3	Ther.
Cloudy Calm	6 PM	37
Sun shut	12 M	42

Wea.	FRI. MARCH 4, 1898	Ther.
Overcast, Calm	6 AM	30+
Cloudy	6 PM	38
Sun but at midday		

Wea.	SATURDAY 5		Ther.
Cloudy	Calm	6½ AM	33
Bright Sun		2 PM	40
Fair	Calm	6 PM	41

Wea. SUN. MARCH 6, 1898 Ther.

Overcast, Calm 6 AM 33°+
Sunny. Calm 12 M 50
Scattering Clouds 6 PM 50
Mud day pleasant

Wm in Trouble last night

Bill, Abbie, Harry & self
took a walk out Pollard Lane
Returned by Betts Corner

Wea. MONDAY 7 Ther.

Overcast, Calm, 6 AM 34
Bright Sun 10 " "
" " 12 M 56
Overcast " 6 PM 54

Turning thus this Evening

Wea.	TUES. MARCH 8, 1898	Ther.
Overcast; Moon out	5½ am	33
Clear Sun, Calm	12 M	58

Abbie in bed

Pd. Brown 1.25 on Tues of garden

Wea.	WEDNESDAY 9	Ther.
Clear, Sun Shine,	8 am	40
" "	12 M	64
" Calm	6 PM	60

Wea. THUR. MARCH 10, 1898 Ther.

Overcast Calm 6 am 40
Moonlight night
Clear Calm 12 M 66
" " 6 PM 60

Wea. FRIDAY 11 Ther.

Clear Calm 6 am 43
Overcast 6½ PM 63

Stabb- Grape Vines 75/100

Wea. SAT. MARCH 12, 1898 Ther.

Overcast, Calm. 6 am 60
Broken Clouds 12 M. 74
" " 6½ P. 70

Recd of Mrs. Mountmollis
100/00 Semiannual Int,
on Note of $3500/00

Wea. SUNDAY 13 Ther.

Overcast, Calm 5½ - 62
Rain in the night
Clear 12 M 72
" Calm 6 64
A pleasant Evening A. Mill
John Myself & Dan took a long
Walk by Newmans corner Pat,
Bates & Bates corner

Wea. MON. MARCH 14, 1898 Ther.

Clear & Calm 6 am 34
" Wind S.W. 12 M 54
" Calm 6 PM 56

Paid to Notary $1.00
on Mrs F. account

Wea. TUESDAY 15 Ther.

Cloudy Calm 6 am 44
Raining " 12 M 54
Broken Cloud Calm 6 PM 64

Lumber Delivered

320 2"x4"x18 384 ft
25 1"x6"x18 125
409

Wea. WED. MARCH 16, 1898 Ther.

Cloudy Calm 6 am 50
a Shower at — 11 "
Shower over but — 3
Still Cloudy 12 M 64
Clouds Broken 6 Pm 64

Meeting of N. Iron Wks.
A.C. & I. Co. Steel plant Et. Als.
to arrange for wire marks
in Lower

Wea. THURSDAY 17 Ther.

Cloudy, Calm, 6 am 59
Showers in the night
Clear, Calm, 12 M 64
" " 6 Pm 62

Paid for fence Lumber $9.05

Red ones of Mr Jolly's cattle
on Monday of Apr. Pkgs

Met — Mr T. J. x of
Pittsburg

Wea. FRI. MARCH 18, 1898 Ther.

Nor east, Calm, 6 am 52
Rain 10 "
Clouds breaking 12 M 56
Raining again 1 PM
Clouds broken 6 " 60

Set Rasberries & planted
Sabbicas this morning
Rain at 10 am

Wea. SATURDAY 19 Ther.

Nor east - Calm 6 am 60
~~Floating Clouds~~ 12 M
Floating Clouds W. N. 6 PM 73

Wea. SUN. MARCH 20, 1898 Ther.

Had a bad night of it.
Rain in the night and this
morning
Clouds breaking 12 M 36

Wea. MONDAY 21 Ther.

another bad night. feel better
Rain in the night
Cloudy Calm 6 am 50
Light-Cloud 12 M 56
Overcast, Calm 6 PM 56

Wea. TUES. MARCH 22, 1898 Ther.

Light Cloud calm 9 am 66
Fell rain this morning
Cloudy, Calm 12 M 70
6 PM 70
4 4

Wea. WEDNESDAY 23 Ther.

Rain 6 AM 60
Raining nearly all day
Cloudy 6 PM 50
Much better to night

Wea. THUR. MARCH 24, 1898 Ther.

Raining 6 am 41
a sleepless night
a rainy day 6 Pm 40

2 Qts Milk of Abbie from
this date

Wea. FRIDAY 25 Ther.

Cloudy 7½ am 42
clear 12 m 48
" 6½ Pm 52

Wea.	SAT. MARCH 26, 1898	Ther.
Light-Clouds	6 a.m.	44
Light broken clouds	7 p.m.	60

Will at work on Hot Bed this Evening

Wea.	SUNDAY 27	Ther.
Looks like Rain		6 a.m. 54
Clear		12 m. 70
Cloudy		6 p.m. 70

Wea. MON. MARCH 28, 1898 Ther.

Overcast—, Calm 6 am 66
Rain at 10 am till sundown
Stil cloudy 6 pm 52

Still in Garden till 10
Rain at 10 am
Brewer in garden 1/4

Wea. TUESDAY 29 Ther.

Raining 6 am 40
a stormy night
Light clouds 6 pm 48
Brewer in garden 1/2

Wea. WED. MARCH 30, 1898 Ther.

Clear Calm 5½ am 38.
Cloudy. Sprinkling 12 M 45
Raining at-times 7 PM 38
" "

Bill & Brown each ½ D.
Brown $1.00

Wea. THURSDAY 31 Ther.

Clear - Ice on Puddles 6 am 34
Cloudy 12 M 40
Light Clouds 6½ 40

Bill & Capt each ½ day
on fence

Wea. FRI. APRIL 1, 1898 Ther.

Clear, heavy frost. 6 am 30
Light-clouds 12 m 47
Clear 6 PM 46

Mill & Carp. On fence 1 Day E.A.

Wea. SATURDAY 2 Ther.

Clear, Calm 6 am 30
Floating Clouds 6 PM 48

Wea. SUN. APRIL 3, 1898 Ther.

Clear, Calm 5½ am. 34
" " 12 m 44
" " 6 PM 48

E.A. N. A. H. J. Dog & Self took a long walk this eve.
Brown $1.00

Wea. MONDAY 4 Ther.

Overcast Calm 5-½ ave 38
Cloudy " 5¼ 42
A Rainy afternoon

Wea.	TUES. APRIL 5, 1898	Ther.
Cloudy		5¾-28
about 1½ In. Snow this morning		
Still Snowing 7 am — Cloudy but Sun coming out	12 M	34
2 PM Sun shine, 6 PM. Broken Clouds with indications of fair weather		34

Wea.	WEDNESDAY 6	Ther.
5 am Clear		22°
12 M. floating Cloud		40°
6 PM Light Clouds		42

Wea.	THUR. APRIL 7, 1898	Ther.
5½	Clear	32°
12 M	"	46
6	"	49

Wea.	FRIDAY 8	Ther.
5½	Clear, heavy frost	30°
12 M	Calm	54°
6	Calm	56

Wea.	SAT. APRIL 9, 1898	Ther.
	am	
	5¼ Fair cast, Calm	44
	8 am Sun out	
	12½ Cloudy again windy	64
	4½ Strong wind from N.W. with lightning & Thunder at some point N.E.	
	Brown	$1,50

Wea.	SUNDAY 10	Ther.
	am	
	5 Clear & Calm	42
	12½ " "	64
	6 Cloudy "	58

Wea. MON. APRIL 11, 1898 Ther.

5½ am Cloudy Calm 46
Rains in the Night
12 M Floating Clouds but Sunny 68
Shining
6 PM Clear Calm 62

Answered Note from W. K. H Jr
informing of Mrs critical con-
dition

Wea. TUESDAY 12 Ther.

5 am Clear Overcast 36°
1 PM " Pleasant 66
6¼ " " 68

Peers 1/2
Brown 1
Brown #100

Wea.	WED. APRIL 13, 1898	Ther.
	5 am. promise of clear	36
	5½ PM Raining	52

Wea.	THURSDAY 14	Ther.
	5½ am Rain over but still cloudy	40
	12½ Clouds Broken & sun out	54
	6 PM Broken Clouds wind N W	52

Wea.	FRI. APRIL 15, 1898	Ther.
	5½ am Cloudy.	50
	Pleasant Evening	
	6 PM Clear NW. NW	62

Wea.	SATURDAY 16	Ther.
	5½ Clear Calm	40
	6 PM " "	69

Wea.	Sun. April 17, 1898	Ther.
5½	Clear Calm	48
12 m	" "	76
6	" "	78

Dr Young at tea

Wea.	Monday 18	Ther.
5 AM	Light Cloud	60
12 M	Clear	79
5 PM	Raining	67
6 " 4	light Cloud	64

Ploughed Garden $2,50
not furrowed all

Wea.	TUES. APRIL 19, 1898	Ther.
5 am	light- Clouds	60
a bad time last night.		
better this morning		
7 am	Raining	
12 M	Rain over but still Cloudy	66
6 PM	Pleasant	66

Wea.	WEDNESDAY 20	Ther.
5½ am	Clear Calm	46
8 am	Sprinkling	
12 M	light- Clouds	56
	First Planting of Corn	
6 PM	Fair	54

Letter from Will Ins father slightly improved

Wea.	THUR. APRIL 21, 1898	Ther.
12 M	Clear	60

A bad day. Called Dr B. pt of smoky odour

Wea.	FRIDAY 22	Ther.
6. am	Overcast	50°

Bad night bitter this morning

Wea. SAT. APRIL 23, 1898 Ther.

Wea. SUNDAY 24 Ther.

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er. Wea. SUN. MAY 1, 1898 Ther.

er. Wea. MONDAY 2 Ther.

81st. Birthday

Confined to the bed
and growing worse

Wea. TUES. MAY 3, 1898 Ther.

Wea. WEDNESDAY 4 Ther.

er. Wea. THUR. MAY 5, 1898 Ther.

er. Wea. FRIDAY 6 Ther.

The end -
peaceful as the
life it closed.

Wea. SAT. MAY 7, 1898 Ther.

Wea. SUNDAY 8 Ther.

His burial day.

ıer. Wea. MON. MAY 9, 1898 Ther.

er. Wea. TUESDAY 10 Ther.

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Jan 4th settled for Xmas
to Feb. 11th what it is to be
stopped —

Jan. 19th Hyman delivered
25 posts Cr all 50

MEMORANDA

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MEMORANDA

Date	Amts Ps for W. Flye	Dolls.	Cts.
Mar. 12	Notary	1	00
	Matcha		25
" 18	Recd of Mrs Flye	25	00
	Ashley	2	50
	Dr Bird	5	50

MEMORANDA

Cts.	Date		Dolls.	Cts.
00				
25				
00				
50				
50				

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CASH ACCOUNT — JANUARY

Received				Paid				
3	Bal			3	Bus Book		65	1
				"	Meat		45	
				4	News Co			
				"	Sch. 11	1	50	
				"	Sundries		10	
					apples		25	
				"	P.O.B.		25	
					Eggs		20	
				7	Bitters	1	00	
				8	Pelts & c	1	00	
				10	B. Ass	6	00	
10	B. Ass.	18	00	12	Land	3	50	
17	"	10	00	"	Meat		24	
					Snuff		25	
				13	Field		40	
					Spices		25	
					Shovel		20	
				14	Driedfruit	5	74	
				"	Brush		10	
				"	Hyman	6	80	
				15	Lunches		25	
				17	Sugar	2	00	
					Pilot		60	
					Oil	1	25	
		28	04			31	94	

Cash Account — January

	Received				Paid			
						31.	94	
5	1	28	00	18	Meat-		40	
45				19	Milk &c		45	
				24	Crash		60	
50				"	Cocoa		50	
10				26	Onions &c		70	
25					Medicine			
25					for W.F.		50	
20				27	Meat-		15	
00					Apples		25	
00				28	Butter		20	
00					Shirting		69	
50		28	00			0	36	88
24								
25								
40								
25								
20								
74								
10								
80								
25								
00								
50								
25								
94								

CASH ACCOUNT — FEBRUARY

Received				Paid			
			2	Tob.		10	26
				Mustard		15	
			3	Past-		25	
			3	Collars		50	
			4	Milk		25	
				Oysters		30	
			5	Essence		25	
			7	Meat		20	
			7	Ginseng		25	
			7	Bills Rd	5	00	
10	H	25	00	10	Medicine	85	
				11	Meat, Fra-	4	5
				12	Whiskey	2	50
				14	Milk		25
				17	W. F.	2	05
					Stamps		25
					Ginseng		10
					Pins		10
				19	Dredwell	6	85
					Meat-		25
					Sundries		30
					Shoes	1	00
				21	Meat-		20
					Nails		10
				22	Oil	1	26

Cash Account — February

	Received			Paid		
10	26 ~~Amt~~		26	Meat		40
15						
25						
50						
5						
30						
5						
20						
25						
00						
85						
[illegible]						
[illegible]						
25						
05						
25						
10						
10						
85						
25						
30						
05						
20						
10						
26						

CASH ACCOUNT — MARCH

Received				Paid			
12	Rec'd of Mrs Hunt Int on Mtg for $350 for 6 mos	10	50	1	Whiskey	2	50
					Shovel		10
				4	Meat		15
					Tea		50
				5	Cook		10
				7	Bulk Oil	5	00
					Soap		25
					Paint		45
				8	Trimming	1	25
				9	Meat		35
				11	Slabs		75
					Meat		15
				12	"		35
				"	Line		20
					Notary	1	00
				16	Hauling		
					Palings		25
				17	Lumber	9	05
				17	Meat		35
				21	Nails		30
					Fencing	9	00
				24	A. 2 Yds.		50
					Milk		
				25	H		30

CASH ACCOUNT — MARCH

Received			Paid		
		26	Meat		35
			O. Potts		35
			Grass Seed		50
		29	Meat		35
		"	Peas		15
		"	Butter		50
		30	Brewer	1	00
		31	Meat		20
		"	Spring		10
			Dr Young	1	00

CASH ACCOUNT — APRIL

Received					Paid			
4	Acct	80	00	1	Nails			45
					P. Office			25
				2	Lemon Ext.			15
				"	Build Acct.		5	00
				3	Bureau		1	00
					Essence			15
				4	Pills			25
				"	Meat			35
				"	Candy			05
				"	Rent		5	00
				"	Sundries			10
				7	Bill		1	25
				7	Nails			35
				6	Meat			10
				"	Mustard			35
				"	Pants &c		5	00
				9	Meat			40
				"	Pills			50
				"	Potatoes			45
				"	Job			10
					Capt B.		1	50
					Peas		5	00
				11	Sundries		4	90
				"	Beef			40
				"	Pork			45
					Shoes			50

Cash Account — April

Received			Paid			
45			11	Perry	1	75
25			"	Porter		25
15			"	H		50
70				Dray		25
00			12	Butcher	1	00
15				Perry		50
25			13	Alcohol		80
5				Lucas		10
5			14	"		25
90			15	Meat		35
0				Hostetter		85
25				Clarks		35
35				Perry		50
0				Mary		50
5				Lucas		10
50			18	Plough	2	50
40			20	Durkee	9	90
70				Potatoes		25
45				Meat		60
10				Medicine		65
50						
50						
90						
40						
45						
50						

CASH ACCOUNT — MAY

Received			Paid		

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Cash Account — May

Received				Paid			

Cash Account — July

Received				Paid			
				11	Box rent		25
11	Bank Div	10	20	12	Groceries		95
12	Build. "	26	60	"	Hose		30
				"	Drawers		25
				"	Bap. Ch	5.	00
				"	Brewer		30
				"	Potatoes		25
				"	Dues	5	00
				13	Mrs. Martin	1	50
				"	Miss Chatfield		75
				"	Mary S.		10
				14	Henry "		10
				"	Butter		50
				15	Sand		25
				"	Cheese		25
				"	Butter		20
				"	Henry		05
				"	Steak		15
				16	Hilton	2	00
				18	Abby		50
				"	"		50
				"	Berries from Sandy		75
				19	Butter		50
				20	Hose & Buggy	11	50
				"	Wash		50
				"	Helton	2	00
				21	Abby		15

Cash Account — July

Received		Paid		
25				
95		23	Butter	40
30		"	Courier	24
25		"	Hose	25
00		25	Butter	40
30		"	Slippers	1 00
25		"	Pocket book	1 00
00		"	Edging	10
50		"	Crackers	15
15			Stamps	10
10		30	Butter	20
10		"	Sewing	50
50		"	Notary	1 00
25			Laundry	15
25			Post	25
20				
05				
15				
00				
50				
50				
75				
50				
50				
50				
00				
15				

Cash Account — August

Received			Paid			
		1	Express	10	00	
		"	Henry		15	
			Brewer		40	
6	Bank dep 100	6	Abby		50	
		"	Butter		40	
		"	Cl. Oil		25	
		"	Lawn, etc	1	05	
		"	Paper		10	
		"	Hilton	1	50	
		8	Courier		24	
		"	Henry		07	
		10	Paints (H)	X	60	
		"	Butter		20	
			Dues	5	00	
		13	McClary	12	09	
		"	Moats			
			Papering and Painting	6	18	
			Magazines & Paper	1	30	
		"	Peaches		30	
		"	Butter		40	
		"	Crackers		15	
		"	Olive Oil		50	
		"	Abby		50	
		"	Ribbon		55	

CASH ACCOUNT — AUGUST

Received			Paid			
00		13	Hilton	1	50	
15		16	Meal &			
40			Potatoes		27	
50		"	Lard		50	
40		"	Coffee		24	
25		"	Molasses		20	
05			Laundry		15	
10		17	Badges, &c			
50			for Girls		40	
24			Hyman	2	40	
07			Stamps		10	
60		20	Miss Ball			
20			(Mat.)		35	
00		"	Abby		50	
09		24	Lumber		70	
		26	Bread		75	
		"	Butter	1	26	
		"	Ticking		45	
18		"	Asst.	2	00	
		"	Pep.		10	
		"	Sundries		56	
30		"	Corning		36	
30		"				
40		27	Peaches		40	
15		"	Cakes		20	
50		"	Oil		50	
60		"	Dry Ham		15	
55		30	Soda		05	
			Ginger		10	

Cash Account — September

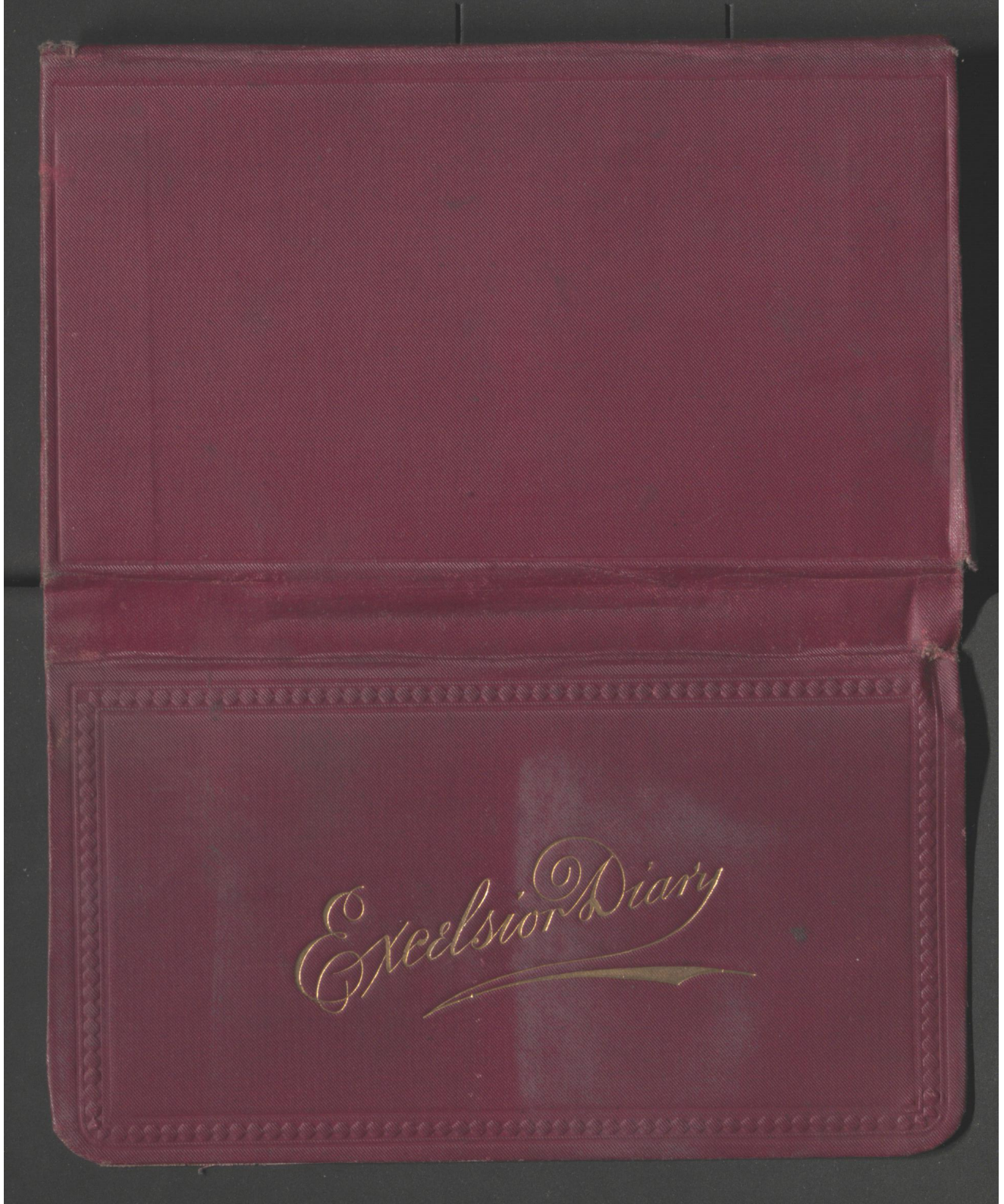
Received				Paid		
				Peaches		60
				Hilton	1	00
				Groceries	1	70
				Post		25
			7	Moato till	6	65
			11	Bread		60
				Butter		

CASH ACCOUNT — SEPTEMBER

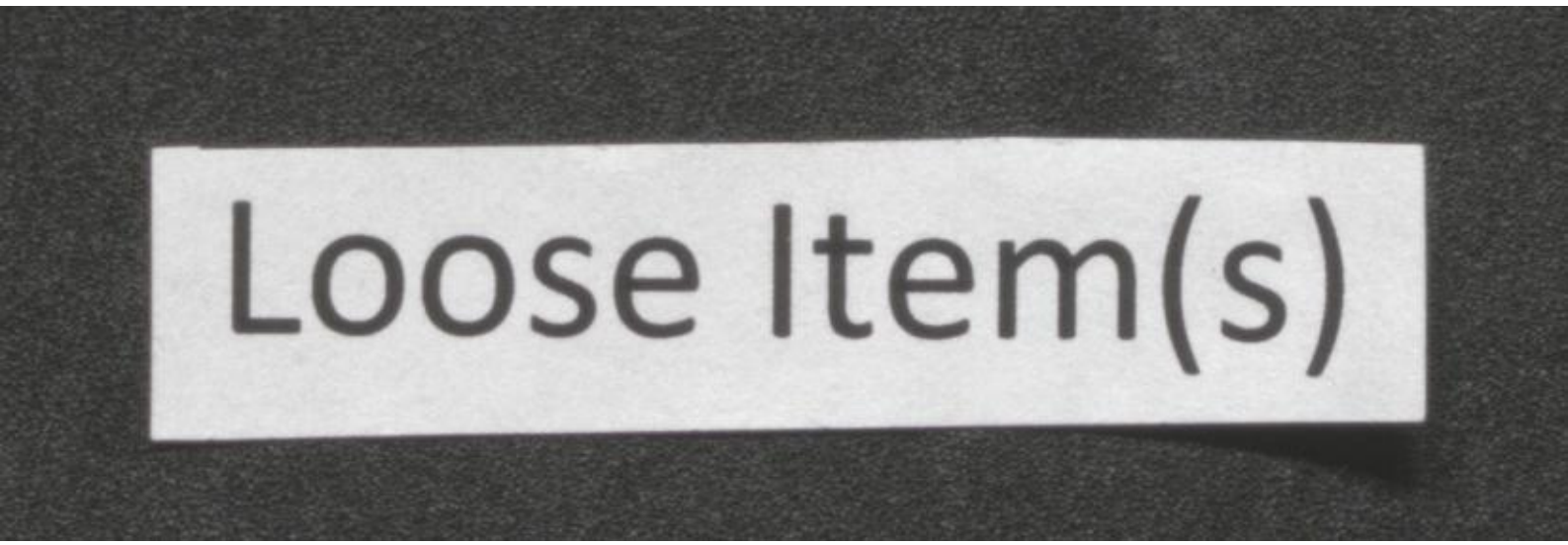
Received	Paid

60
70
70
25
65
60

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Excelsior Diary

Engineer's Diary


Loose Item(s)

STATEMENT

☞ In case of error, please return this Statement for correction

Ashland, Ky., 189

Mr. Mary Hilton

To T. S. Newman, Dr.

1898		
May 6	1 Crat	6.50

Paid

T. S. Newman

STATEMENT OF ACCOUNT.
In case of error, return this bill for correction.

Ashland, Ky. April 27 1898

Mr. Hilton

To **W. C. DIEDERICH,** Dr,

—DEALER IN—

STAPLE AND FANCY GROCERIES.

Winchester Ave. Bet. 13th and 14th Sts.

1 gal 50 flour 85	1.35
2 Crax	.25
copper	50
	2.10

Rec Payt
W C Diederich

STATEMENT OF ACCOUNT.

Ashland, Ky. Feb 3 1898

Mr. Hilton

To W. C. DEIDRICH, Dr.

—Dealer in—

STAPLE and FANCY GROCERIES,

307 W. WINCHESTER AVE.

Ham 150 coffee 50		$2.00
Meal 25 soap 50		.75
10 Sugar 2.00		2.00
Graham flour 80		80
12 Eggs 30 Peaches		55
Beans 25 Peas 15		40
Crackers		10
1 lb Crackers		25
		$6.85

D. J. Taft, President.
W. J. Stephens, Secretary.
C. Kitchen, Treasurer.

Ashland, Ky., 8/24 1898

Mrs Hilleman

City

...BOUGHT OF...

The Standard Planing Mill and Building Co.

INCORPORATED

35 ft - 4 2 Pr Zeg - 70¢

Rec'd Pay

D. L. BUSH.
W. H. SCHUGH.

Ashland, Ky. April 11 1898

M. W. T. Hilton

To BUSH & SCHUGH, Dr.

JOBBERS AND RETAIL DEALERS IN

Hay, Straw and Grain, Lime, Cement and Plaster,

MILL FEED AND GRASS SEEDS OF ALL KINDS.

APPLES AND POTATOES — SIXTEENTH STREET.

Agents for Pratt's and International Stock and Poultry Food.

Terms Strictly 30 Days. If paid in Ten Days deduct.....per cent.

March	14	To 5 bu Oats		2 00
April	11	" 1 BBl Flour		1 00
"	"	" 100 Fertility		1 30
"	"	" 2 Buck Locks		40
				4.70

Paid Bush & Schugh

Int. on 700 at 7 pr ct

From Oct 19th 1896 to Apr 20th 1897 = 6 mos 1 days $24.64

" Apr 20th 1897 " July 12th 1897 = 2 mos 22 " 11.20

Int. on 550 at 7 pr ct

" July 12th 1897 to Dec 15th 1897 = 5 mos 3 days 16.39

$52,23

April 20th 1897 Rec'd 21.00

$31,23

Add Int to Dec 30" 1,26

$32,49

D. J. Taft, President.
W. J. Stephens, Secretary.
C. Kitchen, Treasurer.

Ashland, Ky., 3/17 189[illegible]

Mr. T. Hilton

City

...BOUGHT OF...

The Standard Planing Mill and Building Co.

INCORPORATED.

32 Pcs 2×4–18' = 384
25 " 1×6–18' = 225 609 @ 1.50 $9.00

Rec'd Pay—
Std Plg Mill & Bldg Co

$2 00/100 6/14 1899

Received from Miss M. H. Hilton

Two 00/100 Dollars

first payment on Standard Die Foundry Geo F. Clarke.

STATEMENT OF ACCOUNT.
In case of error, return this bill for correction.

Ashland, Ky. Mar 12 1898

Mr Hilton

To **W. C. DIEDERICH**, Dr,

—DEALER IN—

STAPLE AND FANCY GROCERIES.

Winchester Ave. Bet. 13th and 14th Sts.

12	Bacon 15	15
14	Pattn 55 mess 25	80
	Pigs 200 cwt 10	2 20
21	Soda 10 soap 50	60
23	Flour 80 graham flour 10	1 80
April 1	Butter	20
	crackers	10
	ginger	20
" 16	Sugar	2 00
	bananas	15
" 20	Meal	25
	potatoes	45
	coffee	50
		$ 9.90

Received Pay in full

Ashland, Ky., 23. Mar 1898

Mr. M. D. Haylton

IN ACCOUNT WITH

S. CASEBOLT,

OFFICE:—204 West Winchester Ave.

189 Date	To Balance due on Acc't		
for Bull Service	Year 1877	—	100
"	" " 1878	—	100
"	" " 1879	—	100
			$ 300

Please Call and Settle.



Mr. Martin T. Hilton,

Ashland,

Kentucky.

Boyd Co.


ASHLAND KY.
APR
1898

Dear Uncle Martin:

Father is comfortable to day but there is no improvement in his condition. He is more quiet and has slept more than usual the past few days. I am hoping that this drowsiness may induce coma so that there may be no suffering when the end[s] upon that "sleep that knows no waking". His inability to swallow gives my Mother and me great uneasiness for we are apprehensive lest starvation or choking may be induced thereby. I thank[you]

at noon he seemed brighter but he answers questions in monosyllables only and often his misuse of words leads us to suspect that he does not grasp the meaning of our questions at all. Mother remains quite well and I am in usual health but of course this terrible strain is wearing upon us and I am anxious by awaiting the end both on Mother's account and my own. I don't know what we should do if mother were ill, too.

Regards to you all,

Hastily,

W.

Wed. P. M.

D. L. Bush.
W. H. Schugh.

Ashland, Ky., ... 189....

M.....

To BUSH & SCHUGH, Dr.

JOBBERS AND RETAIL DEALERS IN

Hay, Straw and Grain, Lime, Cement and Plaster,

MILL FEED AND GRASS SEEDS OF ALL KINDS

APPLES AND POTATOES — SIXTEENTH STREET.

Agents for Pratt's and International Stock and Poultry Food.

Terms Strictly 30 Days. If paid in Ten Days deduct.....per cent.

Square Bone

XXX Phosphate

Phospho Bone

General crop

No 238

APR 1 1898, 189

Received of M. J. Kilton

the sum of ____ Dollars 25 Cents, for

BOX RENT for the Quarter ending JUN 30 1898, 189

W. S. BOGGESS
POSTMASTER.

(See Regulations on other side.)

5—3711

REGULATIONS.

The rate charged for boxes is always fixed by the Department. No box shall be assigned to the use of any person until the rent thereof shall be paid one quarter in advance. A person renting a box is entitled to have only the mail for his family put into it. Each box must be restricted to the use of one family, firm, or corporation. In every case the postmaster shall give a receipt for money received for box rent.

Any deviation from these regulations should be promptly reported to the First Assistant Postmaster General, Washington, D. C. See revised box and key rules on pages 969 and 971 of Postal Guide for January, 1897.

5—3711

SHIPMENTS FORWARDED BY FASTEST PASSENGER TRAINS IN CHARGE OF MESSENGERS.

Rates as low as by any Responsible Express Co.

ADAMS EXPRESS COMPANY,

Forwarders by Express to all parts of the United States.

Connections made, and rates given, to

CANADA, MEXICO, AUSTRALIA, and all parts of EUROPE, ASIA and AFRICA.

MONEY ORDERS.

On Sale, payable at nearly every Express Office in the United States.

The only system of sending money through the mails furnishing a receipt which, in case orders are lost, delayed, stolen or destroyed, insures the purchaser against loss.

The rates are less than for any other method of sending money where absolute security is afforded.

Express Money Orders can be purchased during any hour of the day and no written application is required.

RATES:

Not over	$5.00	5 cts.
" "	10.00	8 "
" "	20 00	10 "
" "	30 00	12 "
" "	40 00	15 "
" "	50.00	18 "
" "	60 00	20 "
" "	75 00	25 "
" "	100 00	30 "

Over $100 00 at above rates.

Special Rates on Printed Matter.

This Company has about 6,000 Agencies and operates nearly 40,000 Miles of Railroads.

READ THE MUTUAL CONDITIONS OF THIS CONTRACT
to which the Shipper agrees by accepting this receipt containing the same.

ADAMS EXPRESS COMPANY.

No. 180. (NOT NEGOTIABLE)

Jan 27 189 6

Received of E & W Peirce

Valued at $ 500

Marked Edwin Hyde Damariscotta Maine

Which it is mutually agreed is to be forwarded to our Agency nearest or most convenient to destination only, and there delivered to other parties to complete the transportation.

The care to be exercised in transporting property, and the reasonable compensation for its carriage, depend largely on its nature and value, and the Company's charges for forwarding are proportioned to the value of the property delivered to it to be forwarded and to some extent based on that value, which is an important element in fixing its charges.

It is part of the consideration of this contract, and it is agreed, that the said Express Company ARE FORWARDERS ONLY, and are not to be held liable or responsible for any loss or damage to said property while being conveyed by the CARRIERS to whom the same may be by said Express Company entrusted, or arising from the dangers of Railroads, Ocean or River Navigation, Steam, Fire in Stores, Depots, or in Transit, Leakage, Breakage, or from any cause whatever, unless, in every case the same be proved to have occurred from the fraud or gross negligence of said Express Company, or their servants; nor, in any event, shall the holder thereof demand beyond the sum of FIFTY DOLLARS, at which the above property forwarded is hereby valued, unless otherwise herein expressed, or unless specially insured by them, and so specified in this receipt, which insurance shall constitute the limit of the liability of the Adams Express Company.

And if the same is entrusted or delivered to any other Express Company or Agent (which said Adams Express Company are hereby authorized to do), such Company or person so selected shall be regarded exclusively as the agent of the shipper or owner, and, as such, alone liable, and the Adams Express Company shall not be, in any event, responsible for the negligence or non-performance of any such Company or person; and the shipper and owner hereby severally agree that all the stipulations and conditions in this receipt contained, shall extend to and inure to the benefit of each and every Company or person to whom the Adams Express Company may entrust or deliver the above described property for transportation, and shall define and limit the liability therefor of such other Company or person. It being understood that this Company relies upon the various Railroads and Steamboat lines of the country for its means of forwarding property delivered to it to be forwarded, it is agreed that this Company shall not be liable for any damage to said property caused by detention of any train of cars or upon any Steamboat upon which said property shall be placed for transportation, nor by the neglect or refusal of any Railroad or Steamboat Company to receive and forward the said property

In no event shall the Adams Express Company be liable for any loss or damage unless the claim therefor shall be presented to them in writing, at this office, within thirty days after this date, in a statement to which this receipt shall be annexed.

All articles of GLASS, or *contained in Glass*, or *any of a fragile nature*, will be taken at *Shippers' risk only*, and the Shipper agrees that the Company shall not be held responsible for any injury, by breakage or otherwise, nor for damage to goods not properly packed and secured for transportation.

It is further agreed, that said Company shall not, in any event, be liable for any loss, damage or detention caused by the acts of God, Civil or Military Authority, or by Rebellion, Piracy, Insurrection or Riot, or the dangers incident to a time of war, or by any riotous or armed assemblage.

If any sum of money, besides the charge for transportation, is to be collected from the consignee on delivery of the above described property, and the same is not paid within thirty days from the date thereof, the Shipper agrees that this Company may return said property to him at the expiration of that time, subject to the conditions of this receipt, and that he will pay the charges for transportation both ways, and that the liability of this Company for such property while in its possession for the purpose of making such collection, shall be that of Warehousemen only.

For the Company,

FREIGHT, _____

SEE REVERSE SIDE.

No. 238

Ashand, Ky.

July 1 1893, 189

Received of Miss Mary Holton

the sum of ____ Dollars 25 Cents, for

SEP 30 1898

BOX RENT for the Quarter ending ____, 189

W. S. BOGGESS.

(See Regulations on other side.) POSTMASTER.

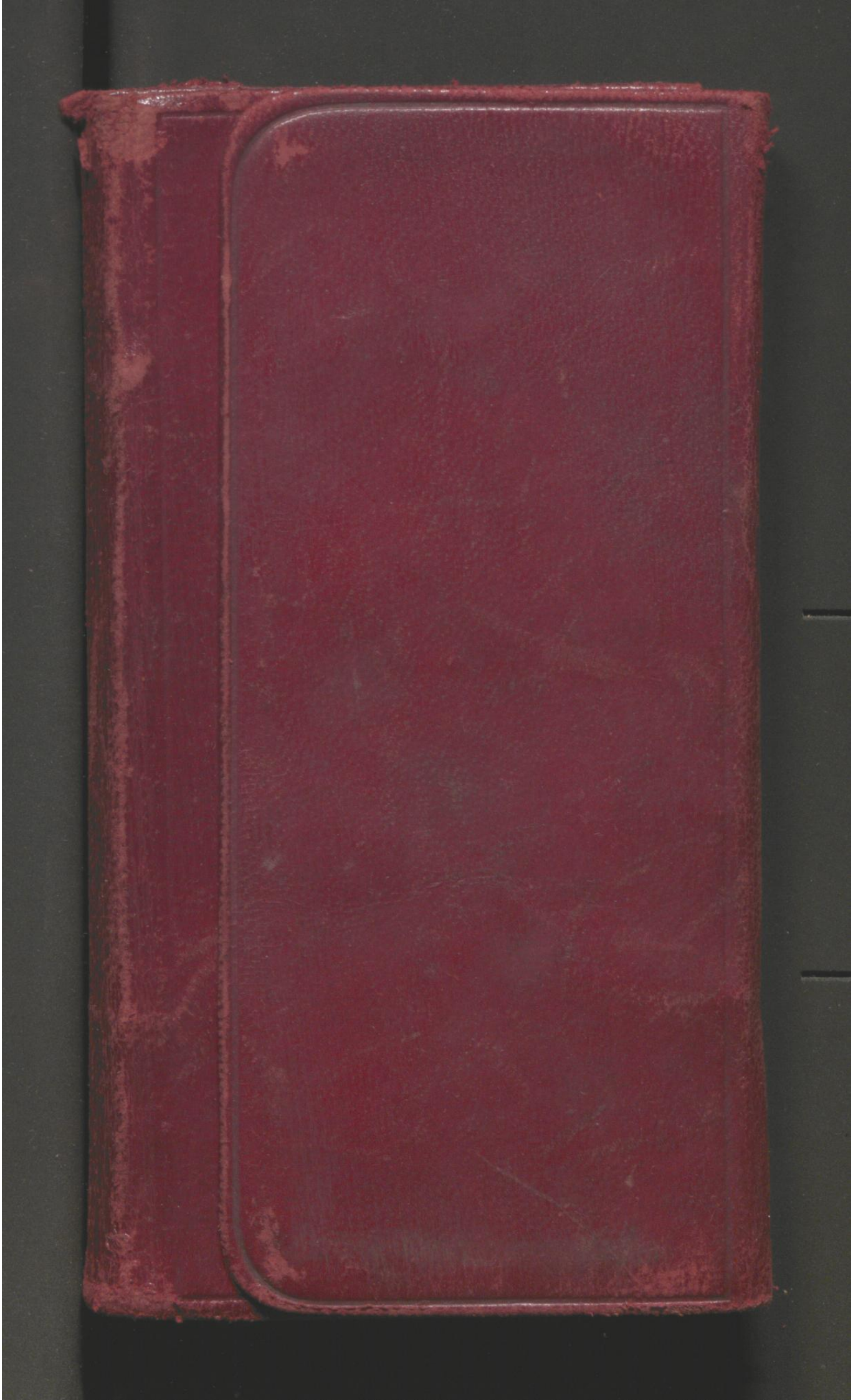
5—3711

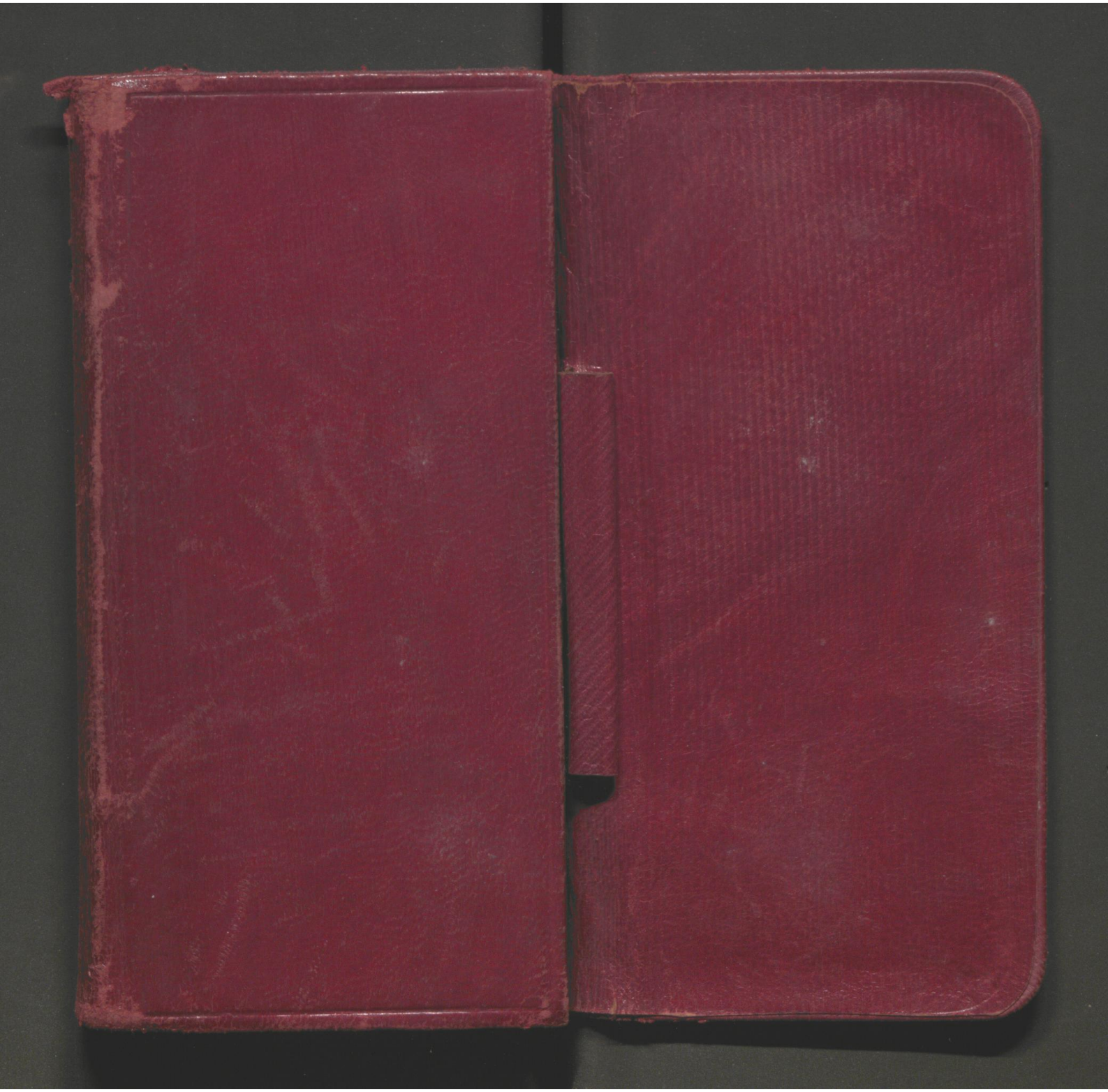
REGULATIONS.

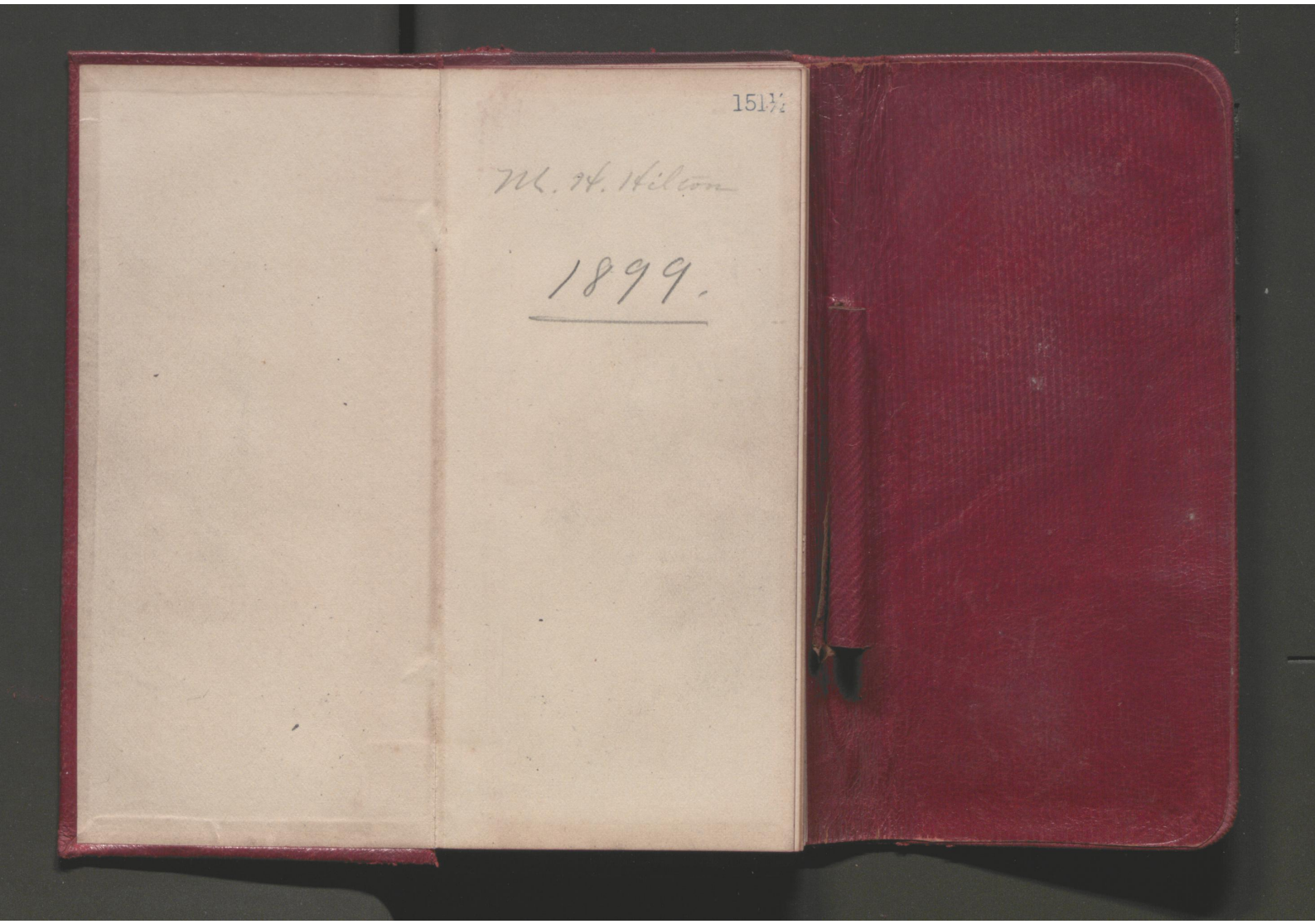
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Any deviation from these regulations should be promptly reported to the First Assistant Postmaster General, Washington, D. C. See revised box and key rules on pages 969 and 971 of Postal Guide for January, 1897.

5—3711






151½
M. H. Hilton
1899.

1899

THE EXCELSIOR DIARY

CALENDAR FOR 1899.

JUNE.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	..	..	..	..	1
	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	..

MAY.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	30	..	..	..	..	..	..
	..	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	..	..	..

APRIL.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	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	..	..	..	..	..	..

MARCH.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	..	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	..

FEB'Y.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	..	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	..	..	..	..

JAN'Y. 1899.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	..	..	..	..	..
	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	..	..	..	..

DEC'R.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	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	..	..	..	..	..	..

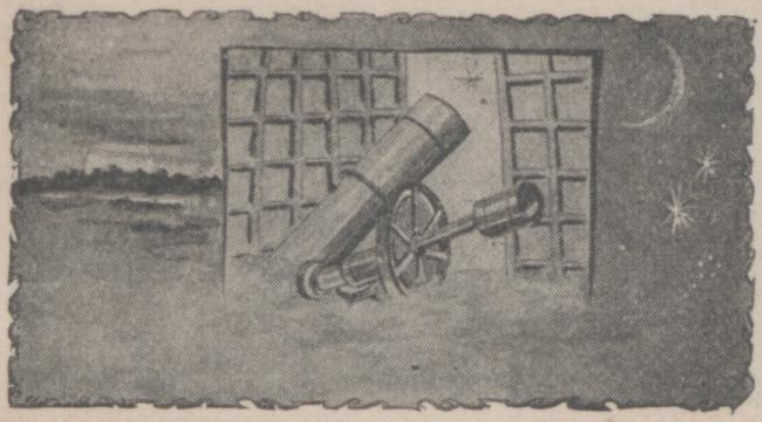
NOV'R.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..
	..	..	..	..	..	1	2

OCT'R.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	29	30	31	..	..	..	..
	..	..	..	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	..

SEPT'R.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	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
	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	..	..	..	..

AUGUST.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	..	..	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	..	..
	..	..	..	..	..	1	2

JULY.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
	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	..	..	..	..	..



ECLIPSES, 1899.

There will be five Eclipses this year, three of the Sun and two of the Moon, as follows:

I. A Partial Eclipse of the Sun, Jan. 11, visible on the Northern Pacific coast of the U. S. near sunset.

II. A Partial Eclipse of the Sun, June 8, invisible in the U. S., except in Alaska.

III. A Total Eclipse of the Moon, June 23, partially visible on the west coast at the beginning.

IV. An Annular Eclipse of the Sun, Dec. 2, invisible in the U. S.

V. A Partial Eclipse of the Moon, Dec. 16. Size, 11.95 digits, or nearly total. The following is the time of the different phases:

	Eastern Standard Time.	Central Standard Time.	Western Standard Time.
Begins....	**6.45** P. M.	**5.45** P. M.	**4.45** P. M.
Middle....	**8.26** "	**7.26** "	**6.26** "
Ends.....	**10.7** "	**9.7** "	**8.7** "

MORNING STARS.

VENUS, until Sept. 16. JUPITER, until Jan. 29, and after Nov. 13. SATURN, until March 13, and after Dec. 18.

EVENING STARS.

VENUS, after Sept. 16. MARS, all the year. JUPITER, from Jan. 29 to Nov. 13. SATURN, from March 13 to Dec. 18.

MOVABLE FEASTS.

Septuagesima Sun...	Jan. 29	Good Friday	Mar. 31
Sexagesima " ...	Feb. 5	Easter Sunday.....	Apr. 2
Quinquagesima " ...	" 12	Low Sunday.....	" 9
Shrove Tuesday	" 14	Rogation Sunday....	May 7
Ash Wednesday	" 15	Ascension Thursday.	" 11
Quadragesima Sun...	" 19	Whit-Sunday (Pent.)	" 21
Mid-Lent " ...	Mar. 12	Trinity "	" 28
Passion " ...	" 19	Corpus Christi.....	June 1
Palm Sunday	" 26	Advent Sunday	Dec. 3

CHRONOLOGICAL CYCLES.

Dominical Letter.....	A	Roman Indiction	12
Epact.....	18	Julian Period	6612
Lunar Cycle (Gold. No.)	19	Dionysian Period.....	228
Solar Cycle	4	Jewish Lunar Cycle	16

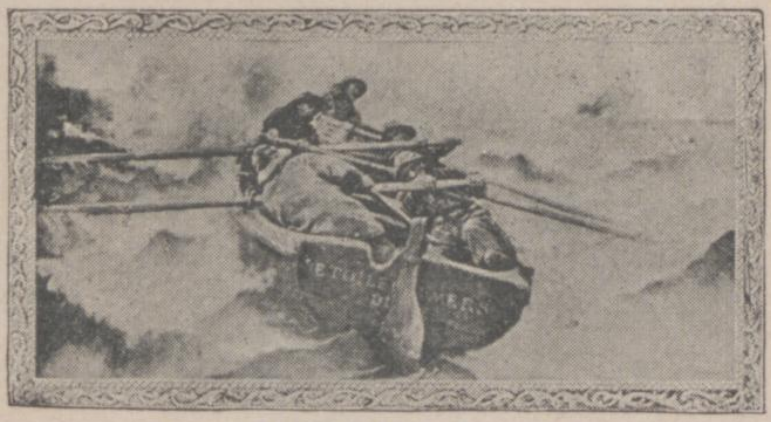


❄ JANUARY ❄ 1899 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 4 D.	10 h. 21 m.	9 h. 21 m.	8 h. 21 m.
New Moon...11 D.	5 h. 49 m.	4 h. 49 m.	3 h. 49 m.
First Quarter. 18 D.	11 h. 36 m.	10 h. 36 m.	9 h. 36 m.
Full Moon ...26 D.	2 h. 34 m.	1 h. 34 m.	0 h. 34 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 25	**4 43**	**9 24**	11 2	1	**S.**	7 30	**4 38**	**9 23**	**2 7**
7 25	**4 44**	**10 23**	11 41	2	M.	7 30	**4 39**	**10 23**	**2 44**
7 25	**4 45**	**11 25**	ev. 25	3	Tu.	7 30	**4 40**	**11 26**	**3 27**
7 25	**4 46**	morn.	**1 8**	4	W.	7 30	**4 41**	morn.	**4 9**
7 25	**4 47**	29	**1 57**	5	Th.	7 30	**4 42**	31	**4 59**
7 25	**4 48**	1 36	**2 55**	6	Fr.	7 29	**4 43**	1 39	**5 57**
7 25	**4 49**	2 44	**4 0**	7	Sa.	7 29	**4 44**	2 49	**7 3**
7 24	**4 50**	3 57	**5 8**	8	**S.**	7 29	**4 45**	4 2	**8 11**
7 24	**4 51**	5 8	**6 16**	9	M.	7 29	**4 46**	5 14	**9 18**
7 24	**4 52**	6 10	**7 17**	10	Tu.	7 29	**4 47**	6 16	**10 20**
7 24	**4 53**	7 3	**8 12**	11	W.	7 29	**4 48**	7 8	**11 15**
7 23	**4 54**	sets	**9 5**	12	Th.	7 28	**4 50**	sets	morn.
7 23	**4 55**	**7 27**	**9 55**	13	Fr.	7 28	**4 51**	**7 25**	6
7 23	**4 56**	**8 24**	**10 37**	14	Sa.	7 28	**4 52**	**8 41**	57
7 22	**4 57**	**9 55**	**11 23**	15	**S.**	7 27	**4 53**	**9 56**	1 43
7 22	**4 59**	**11 4**	morn.	16	M.	7 27	**4 54**	**11 6**	2 29
7 21	**5 0**	morn.	11	17	Tu.	7 26	**4 55**	morn.	3 13
7 21	**5 1**	12	1 2	18	W.	7 26	**4 56**	15	4 3
7 21	**5 2**	1 18	1 55	19	Th.	7 25	**4 58**	1 22	4 57
7 20	**5 3**	2 21	2 53	20	Fr.	7 24	**4 59**	2 25	5 55
7 19	**5 4**	3 21	3 54	21	Sa.	7 24	**5 0**	3 26	6 57
7 18	**5 5**	4 16	4 52	22	**S.**	7 23	**5 1**	4 22	7 56
7 17	**5 7**	5 7	5 49	23	M.	7 22	**5 3**	5 13	8 52
7 17	**5 8**	5 51	6 39	24	Tu.	7 22	**5 4**	5 57	9 41
7 16	**5 9**	6 29	7 24	25	W.	7 21	**5 5**	6 34	10 28
7 16	**5 10**	rises	8 3	26	Th.	7 20	**5 6**	rises	11 8
7 15	**5 11**	**6 18**	8 42	27	Fr.	7 19	**5 8**	**6 16**	11 45
7 14	**5 13**	**7 16**	9 19	28	Sa.	7 18	**5 9**	**7 14**	ev. 21
7 13	**5 14**	**8 17**	9 54	29	**S.**	7 17	**5 10**	**8 16**	57
7 12	**5 15**	**9 17**	10 30	30	M.	7 16	**5 12**	**9 18**	**1 36**
7 12	**5 16**	**10 18**	11 6	31	Tu.	7 15	**5 13**	**10 20**	**2 11**

Heavy figures, 12 noon to 12 midnight.



✻ FEBRUARY ✻ 1899 ✻

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 3 D.	0 h. 24 m.	11 h. 24 m.	10 h. 24 m.
New Moon...10 D.	4 h. 31 m.	3 h. 31 m.	2 h. 31 m.
First Quarter. 17 D.	3 h. 52 m.	2 h. 52 m.	1 h. 52 m.
Full Moon ...25 D.	9 h. 15 m.	8 h. 15 m.	7 h. 15 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 11	5 18	11 22	11 47	1	W.	7 14	5 14	11 25	2 50
7 10	5 19	morn.	ev. 33	2	Th.	7 13	5 15	morn.	3 35
7 9	5 20	29	1 27	3	Fr.	7 12	5 16	33	4 28
7 7	5 21	1 38	2 30	4	Sa.	7 11	5 18	1 43	5 32
7 6	5 22	2 47	3 40	5	S.	7 10	5 19	2 52	6 43
7 5	5 23	3 52	4 52	6	M.	7 9	5 21	3 58	7 56
7 4	5 25	4 48	6 1	7	Tu.	7 8	5 22	4 53	9 3
7 3	5 26	5 36	7 3	8	W.	7 6	5 23	5 41	10 5
7 2	5 27	6 17	7 53	9	Th.	7 5	5 24	6 20	10 59
7 1	5 28	sets	8 42	10	Fr.	7 4	5 25	sets	11 45
7 0	5 30	7 31	9 29	11	Sa.	7 2	5 26	7 31	morn.
6 58	5 31	8 43	10 11	12	S.	7 1	5 28	8 44	31
6 57	5 32	9 53	10 53	13	M.	7 0	5 29	9 56	1 14
6 56	5 34	11 3	11 40	14	Tu.	6 59	5 30	11 6	1 59
6 55	5 35	morn.	morn.	15	W.	6 57	5 32	morn.	2 42
6 53	5 36	9	30	16	Th.	6 56	5 33	14	3 32
6 52	5 37	1 12	1 25	17	Fr.	6 54	5 35	1 17	4 26
6 51	5 39	2 11	2 25	18	Sa.	6 53	5 36	2 17	5 27
6 49	5 40	3 2	3 25	19	S.	6 52	5 38	3 8	6 27
6 48	5 41	3 49	4 24	20	M.	6 50	5 39	3 55	7 27
6 46	5 43	4 30	5 22	21	Tu.	6 48	5 40	4 35	8 25
6 45	5 44	5 4	6 12	22	W.	6 47	5 42	5 8	9 14
6 44	5 45	5 33	6 55	23	Th.	6 45	5 43	5 36	9 57
6 42	5 46	6 59	7 33	24	Fr.	6 44	5 45	6 1	10 18
6 41	5 48	rises	8 10	25	Sa.	6 42	5 46	rises	11 15
6 39	5 49	7 10	8 47	26	S.	6 41	5 47	7 10	11 50
6 38	5 50	8 12	9 23	27	M.	6 39	5 49	8 13	ev. 25
6 37	5 51	9 15	10 0	28	Tu.	6 38	5 50	9 18	1 2



MARCH 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 4 D.	11 h. 6 m.	10 h. 6 m.	9 h. 6 m.
New Moon...11 D.	2 h. 53 m.	1 h. 53 m.	0 h. 53 m.
First Quarter. 18 D.	10 h. 24 m.	9 h. 24 m.	8 h. 24 m.
Full Moon ...27 D.	1 h. 18 m.	0 h. 18 m.	11 h. 18 (26)

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
6 35	5 53	10 20	10 37	1	W.	6 36	5 51	10 24	1 43
6 34	5 53	11 27	11 20	2	Th.	6 35	5 52	11 32	2 26
6 32	5 54	morn.	ev. 12	3	Fr.	6 33	5 53	morn.	3 14
6 30	5 55	35	1 11	4	Sa.	6 31	5 54	41	4 12
6 29	5 56	1 39	2 16	5	S.	6 30	5 55	1 45	5 18
6 27	5 57	2 38	3 28	6	M.	6 28	5 56	2 43	6 30
6 25	5 58	3 28	4 39	7	Tu.	6 26	5 57	3 34	7 42
6 24	5 59	4 10	5 45	8	W.	6 25	5 58	4 14	8 48
6 22	6 0	4 45	6 41	9	Th.	6 23	5 59	4 48	9 43
6 21	6 1	5 19	7 32	10	Fr.	6 21	6 0	5 20	10 36
6 19	6 2	5 48	8 13	11	Sa.	6 20	6 2	5 49	11 19
6 17	6 3	sets	9 0	12	S.	6 18	6 3	sets	morn.
6 16	6 4	8 40	9 43	13	M.	6 16	6 4	8 43	2
6 14	6 5	9 49	10 26	14	Tu.	6 14	6 5	9 53	45
6 12	6 6	10 55	11 12	15	W.	6 13	6 6	10 0	1 30
6 11	6 8	11 57	morn.	16	Th.	6 11	6 7	morn.	2 17
6 9	6 9	morn.	2	17	Fr.	6 9	6 9	2	3 5
6 7	6 10	54	56	18	Sa.	6 7	6 10	1 0	3 57
6 6	6 11	1 44	1 53	19	S.	6 6	6 11	1 49	4 55
6 4	6 12	2 27	2 52	20	M.	6 4	6 12	2 31	5 54
6 2	6 13	3 3	3 49	21	Tu.	6 2	6 13	3 8	6 52
6 1	6 14	3 33	4 42	22	W.	6 0	6 14	3 37	7 45
5 59	6 15	4 2	5 33	23	Th.	5 59	6 15	4 5	8 36
5 58	6 16	4 28	6 19	24	Fr.	5 57	6 16	4 29	9 21
5 56	6 17	4 51	7 0	25	Sa.	5 55	6 17	4 51	10 2
5 54	6 18	5 15	7 36	26	S.	5 53	6 18	5 14	10 41
5 52	6 19	rises	8 11	27	M.	5 52	6 19	rises	11 17
5 51	6 20	8 12	8 53	28	Tu.	5 50	6 20	8 15	11 55
5 49	6 21	9 21	9 35	29	W.	5 48	6 21	9 25	ev. 37
5 47	6 22	10 28	10 20	30	Th.	5 46	6 22	10 32	1 23
5 45	6 23	11 33	11 5	31	Fr.	5 44	6 23	11 38	2 10



APRIL 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 3 D.	6 h. 55 m.	5 h. 55 m.	4 h. 55 m.
New Moon...10 D.	1 h. 21 m.	0 h. 21 m.	11 h. 21 (9)
First Quarter. 17 D.	5 h. 43 m.	4 h. 43 m.	3 h. 43 m.
Full Moon ...25 D.	2 h. 22 m.	1 h. 22 m.	0 h. 22 m.

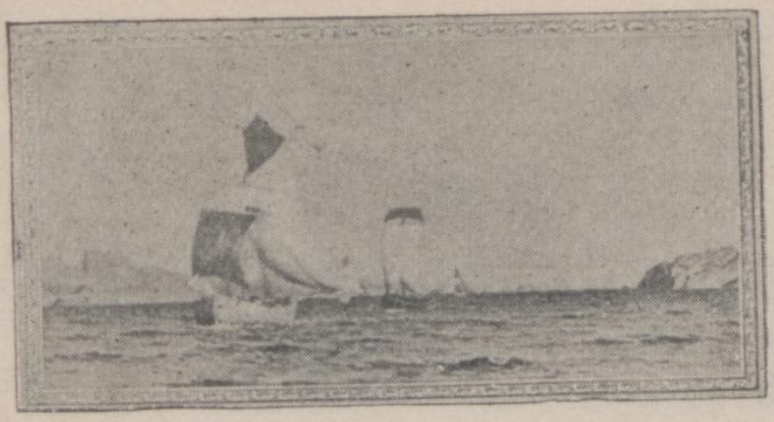
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	——	Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 44	6 24	morn.	ev. 1	1	Sa.	5 43	6 25	morn.	3 4
5 42	6 26	32	1 3	2	S.	5 41	6 27	37	4 4
5 41	6 27	1 23	2 9	3	M.	5 40	6 28	1 28	5 11
5 39	6 28	2 8	3 18	4	Tu.	5 38	6 29	2 12	6 20
5 37	6 29	2 44	4 21	5	W.	5 36	6 30	2 47	7 24
5 36	6 30	3 17	5 23	6	Th.	5 35	6 31	3 19	8 26
5 34	6 31	3 47	6 17	7	Fr.	5 33	6 32	3 48	9 19
5 33	6 32	4 16	7 6	8	Sa.	5 31	6 33	4 15	10 8
5 31	6 33	4 45	7 47	9	S.	5 30	6 34	4 43	10 53
5 30	6 34	sets	8 32	10	M.	5 28	6 36	sets	11 34
5 28	6 35	8 35	9 17	11	Tu.	5 26	6 37	8 39	morn.
5 26	6 36	9 41	10 4	12	W.	5 25	6 38	9 46	19
5 25	6 37	10 39	10 46	13	Th.	5 23	6 39	10 45	1 6
5 24	6 38	11 34	11 36	14	Fr.	5 21	6 40	11 39	1 52
5 22	6 39	morn.	morn.	15	Sa.	5 20	6 41	morn.	2 40
5 20	6 40	20	27	16	S.	5 18	6 42	25	3 29
5 19	6 41	1 0	1 20	17	M.	5 16	6 43	1 4	4 21
5 17	6 42	1 33	2 13	18	Tu.	5 15	6 45	1 37	5 15
5 16	6 43	2 3	3 7	19	W.	5 13	6 46	2 6	6 9
5 14	6 44	2 28	3 58	20	Th.	5 12	6 47	2 30	7 1
5 13	6 45	2 52	4 47	21	Fr.	5 10	6 48	2 53	7 51
5 11	6 46	3 16	5 34	22	Sa.	5 9	6 49	3 16	8 37
5 10	6 47	3 41	6 20	23	S.	5 7	6 50	3 40	9 22
5 8	6 48	4 7	7 4	24	M.	5 6	6 51	4 5	10 6
5 7	6 49	rises	7 46	25	Tu.	5 4	6 52	rises	10 51
5 6	6 50	8 15	8 28	26	W.	5 3	6 53	8 20	11 33
5 4	6 51	9 23	9 16	27	Th.	5 1	6 55	9 28	ev. 18
5 3	6 52	10 26	10 8	28	Fr.	5 0	6 56	10 31	1 10
5 2	6 53	11 20	10 57	29	Sa.	4 58	6 57	11 25	2 3
5 0	6 55	morn.	11 53	30	S.	4 57	6 58	morn.	2 56



MAY 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Last Quarter . 2 D.	0 h. 46 m.	11 h. 46 m.	10 h. 46 m.
New Moon... 9 D.	0 h. 38 m.	11 h. 38 m.	10 h. 38 m.
First Quarter. 17 D.	0 h. 13 m.	11 h. 13 m.	10 h. 13 m.
Full Moon ...25 D.	0 h. 49 m.	11 h. 49(24)	10 h. 49(24)
Last Quarter. 31 D.	5 h. 54 m.	4 h. 54 m.	3 h. 54 m.

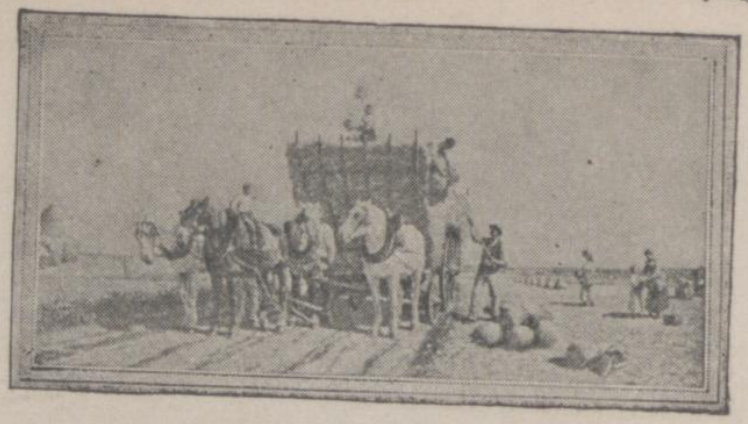
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. — MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. — MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 59	6 56	6	ev. 52	1	M.	4 56	7 0	10	3 53
4 58	6 57	44	1 53	2	Tu.	4 54	7 1	48	4 55
4 56	6 58	1 19	2 55	3	W.	4 53	7 2	1 22	5 57
4 55	6 59	1 49	3 57	4	Th.	4 52	7 3	1 50	7 0
4 54	7 0	2 17	4 53	5	Fr.	4 51	7 4	2 17	7 57
4 53	7 1	2 44	5 47	6	Sa.	4 49	7 5	2 43	8 50
4 52	7 2	3 15	6 38	7	S.	4 48	7 6	3 13	9 40
4 51	7 3	3 47	7 26	8	M.	4 47	7 7	3 44	10 30
4 49	7 4	4 24	8 11	9	Tu.	4 46	7 8	4 19	11 15
4 48	7 5	sets	8 56	10	W.	4 44	7 9	sets	11 58
4 47	7 6	9 24	9 42	11	Th.	4 43	7 10	9 29	morn.
4 46	7 7	10 12	10 26	12	Fr.	4 42	7 11	10 18	44
4 45	7 8	10 55	11 10	13	Sa.	4 41	7 12	11 0	1 30
4 44	7 9	11 31	11 56	14	S.	4 40	7 13	11 35	2 15
4 43	7 10	morn.	morn.	15	M.	4 39	7 14	morn.	2 59
4 42	7 11	2	43	16	Tu.	4 38	7 15	5	3 44
4 41	7 12	30	1 29	17	W.	4 37	7 16	32	4 30
4 40	7 13	54	2 16	18	Th.	4 36	7 17	55	5 19
4 39	7 14	1 18	3 8	19	Fr.	4 35	7 18	1 19	6 10
4 39	7 15	1 42	3 58	20	Sa.	4 34	7 19	1 41	7 1
4 38	7 16	2 7	4 49	21	S.	4 33	7 20	2 5	7 53
4 37	7 17	2 35	5 41	22	M.	4 32	7 21	2 32	8 44
4 36	7 18	3 7	6 32	23	Tu.	4 31	7 22	3 3	9 34
4 36	7 19	3 47	7 22	24	W.	4 31	7 23	3 42	10 26
4 35	7 20	rises	8 9	25	Th.	4 30	7 24	rises	11 15
4 34	7 20	9 12	9 5	26	Fr.	4 29	7 25	9 17	ev. 6
4 34	7 21	10 3	9 57	27	Sa.	4 29	7 26	10 8	59
4 33	7 22	10 44	10 47	28	S.	4 28	7 27	10 48	1 53
4 32	7 23	11 21	11 41	29	M.	4 27	7 28	11 24	2 44
4 32	7 23	11 52	ev. 35	30	Tu.	4 27	7 28	11 53	3 37
4 31	7 24	morn.	1 32	31	W.	4 26	7 29	morn.	4 33



JUNE 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 8 D.	1 h. 20 m.	0 h. 20 m.	11 h. 20 (7)
First Quarter. 16 D.	4 h. 46 m.	3 h. 46 m.	2 h. 46 m.
Full Moon ...23 D.	9 h. 20 m.	8 h. 20 m.	7 h. 20 m.
Last Quarter. 29 D.	11 h. 45 m.	10 h. 45 m.	9 h. 45 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 31	7 24	21	2 29	1	Th.	4 25	7 30	21	5 31
4 30	7 25	48	3 26	2	Fr.	4 25	7 30	47	6 28
4 30	7 26	1 17	4 23	3	Sa.	4 25	7 31	1 15	7 26
4 30	7 26	1 48	5 22	4	S.	4 24	7 32	1 45	8 25
4 29	7 27	2 21	6 15	5	M.	4 24	7 32	2 17	9 17
4 29	7 28	3 0	7 6	6	Tu.	4 24	7 33	2 45	10 8
4 29	7 28	3 46	7 50	7	W.	4 23	7 33	3 41	10 56
4 29	7 29	sets	8 37	8	Th.	4 23	7 34	sets	11 42
4 28	7 30	8 52	9 21	9	Fr.	4 23	7 35	8 56	morn.
4 28	7 30	9 29	10 4	10	Sa.	4 23	7 36	9 34	23
4 28	7 31	10 2	10 41	11	S.	4 22	7 36	10 5	1 6
4 28	7 31	10 31	11 20	12	M.	4 22	7 37	10 33	1 47
4 28	7 32	10 56	morn.	13	Tu.	4 22	7 37	10 58	2 26
4 28	7 32	11 21	3	14	W.	4 22	7 38	11 21	3 6
4 28	7 32	11 44	45	15	Th.	4 22	7 38	11 44	3 46
4 28	7 33	morn.	1 29	16	Fr.	4 22	7 38	morn.	4 30
4 28	7 33	8	2 14	17	Sa.	4 22	7 39	7	5 19
4 28	7 33	34	3 10	18	S.	4 22	7 39	32	6 12
4 28	7 34	1 4	4 6	19	M.	4 22	7 39	1 0	7 9
4 29	7 34	1 39	5 7	20	Tu.	4 23	7 40	1 35	8 10
4 29	7 34	2 23	6 6	21	W.	4 23	7 40	2 18	9 8
4 29	7 34	3 16	7 6	22	Th.	4 23	7 40	3 11	10 8
4 29	7 34	rises	7 57	23	Fr.	4 23	7 40	rises	11 2
4 29	7 34	8 39	8 53	24	Sa.	4 23	7 40	8 44	11 55
4 30	7 35	9 19	9 45	25	S.	4 24	7 41	9 23	ev. 47
4 30	7 35	9 55	10 32	26	M.	4 24	7 41	9 56	1 38
4 30	7 35	10 23	11 21	27	Tu.	4 24	7 41	10 24	2 27
4 31	7 35	10 51	ev. 12	28	W.	4 25	7 40	10 51	3 14
4 31	7 35	11 21	1 4	29	Th.	4 25	7 40	11 19	4 5
4 32	7 35	11 50	1 57	30	Fr.	4 26	7 40	11 47	4 59



JULY 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 7 D.	3 h. 31 m.	2 h. 31 m.	1 h. 31 m.
First Quarter. 15 D.	6 h. 59 m.	5 h. 59 m.	4 h. 59 m.
Full Moon ...22 D.	4 h. 41 m.	3 h. 41 m.	2 h. 41 m.
Last Quarter. 29 D.	7 h. 42 m.	6 h. 42 m.	5 h. 42 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 32	7 35	morn.	2 55	1	Sa.	4 26	7 40	morn.	5 57
4 32	7 35	24	3 58	2	**S.**	4 26	7 40	20	7 1
4 33	7 34	1 0	4 55	3	M.	4 27	7 40	56	7 59
4 33	7 34	1 43	5 54	4	Tu.	4 28	7 40	1 38	8 56
4 34	7 34	2 31	6 47	5	W.	4 29	7 39	2 26	9 49
4 35	7 34	3 25	7 32	6	Th.	4 29	7 39	3 20	10 37
4 35	7 33	4 21	8 13	7	Fr.	4 30	7 39	4 15	11 19
4 36	7 33	sets	8 57	8	Sa.	4 30	7 38	sets	11 59
4 37	7 33	8 33	9 35	9	**S.**	4 31	7 38	8 36	morn.
4 37	7 32	8 59	10 11	10	M.	4 32	7 38	9 1	37
4 38	7 32	9 25	10 47	11	Tu.	4 33	7 37	9 26	1 14
4 39	7 31	9 47	11 22	12	W.	4 33	7 37	9 47	1 51
4 39	7 31	10 10	morn.	13	Th.	4 34	7 36	10 9	2 28
4 40	7 30	10 36	3	14	Fr.	4 35	7 36	10 34	3 6
4 41	7 30	11 3	47	15	Sa.	4 36	7 35	11 0	3 48
4 42	7 29	11 36	1 36	16	**S.**	4 37	7 34	11 32	4 37
4 43	7 29	morn.	2 31	17	M.	4 37	7 34	morn.	5 33
4 44	7 28	14	3 32	18	Tu.	4 38	7 33	9	6 34
4 44	7 27	1 1	4 39	19	W.	4 39	7 32	56	7 42
4 45	7 26	2 0	5 47	20	Th.	4 40	7 31	1 54	8 50
4 46	7 26	3 8	6 50	21	Fr.	4 41	7 30	3 3	9 52
4 47	7 25	rises	7 46	22	Sa.	4 42	7 30	rises	10 51
4 48	7 24	7 51	8 37	23	**S.**	4 43	7 29	7 54	11 42
4 48	7 23	8 23	9 28	24	M.	4 44	7 28	8 24	ev. 30
4 49	7 23	8 53	10 13	25	Tu.	4 45	7 27	8 53	1 16
4 50	7 22	9 23	10 56	26	W.	4 46	7 26	9 22	2 3
4 51	7 21	9 53	11 45	27	Th.	4 47	7 25	9 50	2 48
4 52	7 20	10 26	ev. 35	28	Fr.	4 48	7 24	10 22	3 37
4 53	7 19	11 2	1 32	29	Sa.	4 49	7 23	10 57	4 33
4 54	7 18	11 42	2 30	30	**S.**	4 50	7 22	11 37	5 32
4 55	7 17	morn.	3 31	31	M.	4 51	7 21	morn.	6 33



❋ AUGUST ❋ 1899 ❋

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 6 D.	6 h. 48 m.	5 h. 48 m.	4 h. 48 m.
First Quarter. 14 D.	6 h. 54 m.	5 h. 54 m.	4 h. 54 m.
Full Moon ...20 D.	11 h. 45 m.	10 h. 45 m.	9 h. 45 m.
Last Quarter. 27 D.	6 h. 57 m.	5 h. 57 m.	4 h. 57 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 56	7 16	29	4 34	1	Tu.	4 52	7 20	23	7 37
4 57	7 14	1 20	5 32	2	W.	4 53	7 18	1 14	8 35
4 58	7 13	2 15	6 25	3	Th.	4 54	7 17	2 10	9 27
4 59	7 12	3 13	7 10	4	Fr.	4 55	7 16	3 9	10 13
5 0	7 11	4 11	7 49	5	Sa.	4 56	7 15	4 18	10 55
5 1	7 10	sets	8 26	6	**S.**	4 57	7 14	sets	11 31
5 2	7 9	7 29	9 4	7	M.	4 58	7 12	7 30	morn.
5 3	7 7	7 53	9 40	8	Tu.	4 59	7 11	7 53	5
5 4	7 6	8 16	10 14	9	W.	5 0	7 10	8 15	42
5 5	7 5	8 41	10 47	10	Th.	5 1	7 8	8 39	1 17
5 6	7 4	9 6	11 27	11	Fr.	5 2	7 7	9 3	1 53
5 7	7 2	9 37	morn.	12	Sa.	5 3	7 6	9 33	2 31
5 8	7 1	10 11	13	13	**S.**	5 4	7 4	10 7	3 15
5 9	7 0	10 52	1 5	14	M.	5 5	7 3	10 47	4 6
5 10	6 58	11 45	2 1	15	Tu.	5 6	7 1	11 39	5 3
5 11	6 57	morn.	3 10	16	W.	5 7	7 0	morn.	6 12
5 12	6 55	47	4 21	17	Th.	5 8	6 58	41	7 24
5 13	6 54	1 56	5 31	18	Fr.	5 10	6 57	1 51	8 34
5 14	6 53	3 13	6 34	19	Sa.	5 11	6 55	3 8	9 36
5 15	6 51	4 30	7 29	20	**S.**	5 12	6 54	4 28	10 33
5 16	6 50	rises	8 14	21	M.	5 13	6 52	rises	11 20
5 17	6 48	7 22	9 4	22	Tu.	5 14	6 51	7 21	ev. 6
5 17	6 47	7 53	9 49	23	W.	5 15	6 49	7 51	51
5 18	6 45	8 24	10 23	24	Th.	5 16	6 48	8 21	1 27
5 19	6 44	9 1	11 15	25	Fr.	5 17	6 46	8 57	2 22
5 20	6 42	9 40	ev. 10	26	Sa.	5 18	6 44	9 35	3 13
5 21	6 41	10 26	1 6	27	**S.**	5 19	6 43	10 20	4 7
5 22	6 39	11 16	2 6	28	M.	5 20	6 41	11 10	5 8
5 23	6 37	morn.	3 7	29	Tu.	5 21	6 39	morn.	6 9
5 24	6 36	11	4 7	30	W.	5 22	6 38	6	7 10
5 25	6 34	1 7	5 5	31	Th.	5 23	6 36	1 2	8 8



SEPTEMBER 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 4 D.	10 h. 33 m.	9 h. 33 m.	8 h. 33 m.
First Quarter. 12 D.	4 h. 49 m.	3 h. 49 m.	2 h. 49 m.
Full Moon ... 19 D.	7 h. 31 m.	6 h. 31 m.	5 h. 31 m.
Last Quarter. 26 D.	10 h. 2 m.	9 h. 2 m.	8 h. 2 m.

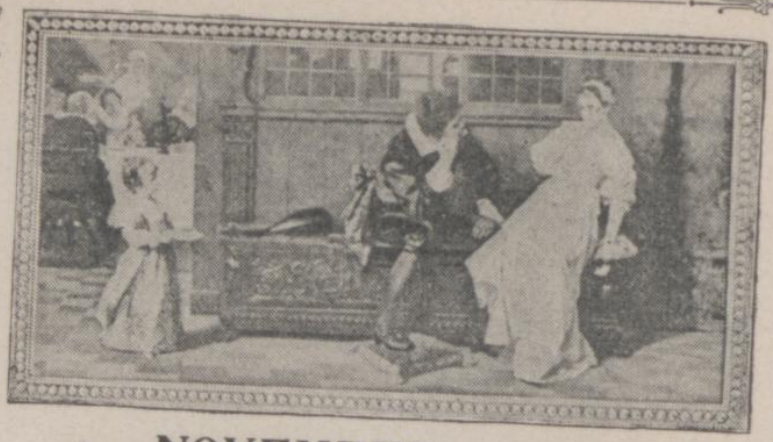
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 26	6 33	2 4	5 55	1	Fr.	5 24	6 35	2 0	8 57
5 27	6 31	3 4	6 40	2	Sa.	5 26	6 33	3 1	9 42
5 28	6 29	4 2	7 19	3	S.	5 27	6 31	4 0	10 23
5 29	6 28	4 59	7 54	4	M.	5 28	6 29	4 58	11 0
5 30	6 26	sets	8 29	5	Tu.	5 29	6 28	sets	11 34
5 31	6 25	6 46	9 7	6	W.	5 30	6 26	6 44	morn.
5 32	6 23	7 11	9 42	7	Th.	5 31	6 24	7 9	8
5 33	6 21	7 40	10 19	8	Fr.	5 32	6 22	7 36	44
5 34	6 20	8 14	11 1	9	Sa.	5 33	6 21	8 10	1 23
5 35	6 18	8 52	11 49	10	S.	5 34	6 19	8 47	2 6
5 36	6 16	9 40	morn.	11	M.	5 35	6 17	9 34	2 52
5 37	6 15	10 35	44	12	Tu.	5 36	6 15	10 30	3 45
5 38	6 13	11 40	1 46	13	W.	5 37	6 14	11 34	4 47
5 39	6 11	morn.	2 54	14	Th.	5 38	6 12	morn.	5 56
5 40	6 9	51	4 14	15	Fr.	5 39	6 10	46	7 7
5 41	6 8	2 3	5 11	16	Sa.	5 40	6 8	2 0	8 14
5 42	6 6	3 20	6 2	17	S.	5 41	6 7	3 18	9 14
5 43	6 4	4 37	7 6	18	M.	5 43	6 5	4 36	10 8
5 44	6 3	rises	7 50	19	Tu.	5 44	6 3	rises	10 56
5 45	6 1	6 21	8 37	20	W.	5 45	6 1	6 19	11 42
5 46	5 59	6 56	9 23	21	Th.	5 46	6 0	6 53	ev. 25
5 47	5 58	7 35	10 9	22	Fr.	5 47	5 58	7 31	1 12
5 48	5 56	8 20	10 55	23	Sa.	5 48	5 56	8 16	2 1
5 49	5 55	9 10	11 47	24	S.	5 49	5 54	9 5	2 50
5 50	5 53	10 4	ev. 42	25	M.	5 50	5 53	9 59	3 43
5 51	5 52	11 0	1 39	26	Tu.	5 51	5 51	10 55	4 38
5 52	5 50	11 58	2 36	27	W.	5 52	5 49	11 54	5 38
5 53	5 48	morn.	3 32	28	Th.	5 53	5 47	morn.	6 34
5 54	5 46	56	4 26	29	Fr.	5 54	5 46	53	7 29
5 54	5 44	1 55	5 16	30	Sa.	5 56	5 44	1 53	8 19



✻ OCTOBER ✻ 1899 ✻

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 4 D.	2 h. 14 m.	1 h. 14 m.	0 h. 14 m.
First Quarter. 12 D.	1 h. 9 m.	0 h. 9 m.	11 h. 9(11)
Full Moon ...18 D.	5 h. 4 m.	4 h. 4 m.	3 h. 4 m.
Last Quarter. 26 D.	4 h. 40 m.	3 h. 40 m.	2 h. 40 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 56	5 43	2 53	6 1	1	S.	5 57	5 42	2 51	9 3
5 57	5 41	3 51	6 43	2	M.	5 58	5 40	3 51	9 45
5 58	5 39	4 49	7 21	3	Tu.	5 59	5 39	4 49	10 25
5 59	5 38	5 49	7 58	4	W.	6 0	5 37	5 51	11 4
6 0	5 36	sets	8 36	5	Th.	6 1	5 35	sets	11 41
6 1	5 35	6 14	9 16	6	Fr.	6 2	5 33	6 10	morn.
6 2	5 33	6 54	10 1	7	Sa.	6 3	5 32	6 50	18
6 3	5 31	7 38	10 45	8	S.	6 4	5 30	7 33	1 3
6 4	5 30	8 32	11 35	9	M.	6 6	5 28	8 26	1 51
6 5	5 28	9 32	morn.	10	Tu.	6 7	5 27	9 27	2 39
6 7	5 27	10 39	32	11	W.	6 8	5 25	10 35	3 34
6 8	5 25	11 49	1 35	12	Th.	6 9	5 23	11 46	4 36
6 9	5 23	morn.	2 38	13	Fr.	6 10	5 22	morn.	5 40
6 10	5 22	1 2	3 44	14	Sa.	6 11	5 20	1 0	6 47
6 11	5 20	2 16	4 47	15	S.	6 13	5 19	2 15	7 51
6 12	5 19	3 28	5 45	16	M.	6 14	5 17	3 28	8 48
6 13	5 17	4 42	6 38	17	Tu.	6 15	5 15	4 43	9 40
6 14	5 16	5 53	7 27	18	W.	6 16	5 14	5 55	10 31
6 15	5 14	rises	8 10	19	Th.	6 17	5 12	rises	11 16
6 16	5 13	6 12	9 2	20	Fr.	6 18	5 11	6 7	ev. 3
6 18	5 12	7 0	9 49	21	Sa.	6 20	5 9	6 55	51
6 19	5 10	7 53	10 33	22	S.	6 21	5 8	7 47	1 39
6 20	5 9	8 50	11 23	23	M.	6 22	5 6	8 44	2 29
6 21	5 7	9 46	ev. 14	24	Tu.	6 23	5 5	9 42	3 16
6 22	5 6	10 46	1 6	25	W.	6 24	5 3	10 42	4 7
6 23	5 4	11 44	1 57	26	Th.	6 26	5 2	11 41	4 59
6 24	5 3	morn.	2 49	27	Fr.	6 27	5 1	morn.	5 51
6 26	5 2	43	3 40	28	Sa.	6 28	4 59	41	6 43
6 27	5 1	1 41	4 30	29	S.	6 29	4 57	1 40	7 33
6 28	4 59	2 43	5 16	30	M.	6 31	4 57	2 43	8 19
6 29	4 58	3 38	6 2	31	Tu.	6 32	4 55	3 40	9 4



NOVEMBER 1899

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 3 D.	5 h. 26 m.	4 h. 26 m.	3 h. 26 m.
First Quarter. 10 D.	8 h. 35 m.	7 h. 35 m.	6 h. 35 m.
Full Moon ...17 D.	5 h. 18 m.	4 h. 18 m.	3 h. 18 m.
Last Quarter. 25 D.	1 h. 34 m.	0 h. 34 m.	11 h. 34 (24)

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon rises	H. W. Bost'n
6 30	4 57	4 40	6 46	1	W.	6 33	4 54	4 42	9 48
6 31	4 56	5 42	7 30	2	Th.	6 34	4 53	5 45	10 34
6 32	4 54	6 47	8 9	3	Fr.	6 36	4 51	6 51	11 15
6 34	4 53	sets	8 58	4	Sa.	6 37	4 50	sets	12 0
6 35	4 52	6 27	9 46	5	S.	6 38	4 49	6 22	morn.
6 36	4 51	7 25	10 32	6	M.	6 39	4 48	7 20	48
6 37	4 50	8 31	11 24	7	Tu.	6 41	4 47	8 27	1 38
6 38	4 49	9 42	morn.	8	W.	6 42	4 45	9 38	2 30
6 40	4 48	10 53	21	9	Th.	6 43	4 44	10 50	3 23
6 41	4 47	morn.	1 19	10	Fr.	6 44	4 43	morn.	4 20
6 42	4 46	4	2 17	11	Sa.	6 46	4 42	2	5 19
6 43	4 45	1 14	3 19	12	S.	6 47	4 41	1 14	6 21
6 44	4 44	2 24	4 18	13	M.	6 48	4 40	2 25	7 21
6 46	4 43	3 35	5 16	14	Tu.	6 49	4 39	3 37	8 19
6 47	4 42	4 46	6 13	15	W.	6 51	4 39	4 49	9 15
6 48	4 41	5 56	7 5	16	Th.	6 52	4 38	6 0	10 7
6 49	4 40	rises	7 51	17	Fr.	6 53	4 37	rises	10 57
6 50	4 39	5 40	8 40	18	Sa.	6 54	4 36	5 35	11 43
6 51	4 39	6 36	9 29	19	S.	6 56	4 35	6 31	ev. 31
6 53	4 38	7 34	10 14	20	M.	6 57	4 34	7 29	1 17
6 54	4 38	8 33	10 57	21	Tu.	6 58	4 34	8 29	2 3
6 55	4 37	9 33	11 42	22	W.	6 59	4 33	9 30	2 45
6 56	4 36	10 32	ev. 27	23	Th.	7 0	4 32	10 30	3 29
6 57	4 36	11 30	1 13	24	Fr.	7 2	4 32	11 29	4 14
6 58	4 35	morn.	1 59	25	Sa.	7 3	4 31	morn.	5 1
6 59	4 35	27	2 48	26	S.	7 4	4 31	27	5 50
7 0	4 35	1 25	3 39	27	M.	7 5	4 30	1 25	6 42
7 2	4 34	2 25	4 30	28	Tu.	7 6	4 30	2 27	7 33
7 3	4 34	3 27	5 22	29	W.	7 7	4 30	3 30	8 25
7 4	4 34	4 30	6 13	30	Th.	7 8	4 29	4 34	9 15



❄ DECEMBER ❄ 1899 ❄

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 2 D.	7 h. 47 m.	6 h. 47 m.	5 h. 47 m.
First Quarter. 9 D.	4 h. 2 m.	3 h. 2 m.	2 h. 2 m.
Full Moon ...16 D.	8 h. 31 m.	7 h. 31 m.	6 h. 31 m.
Last Quarter. 24 D.	10 h. 57 m.	9 h. 57 m.	8 h. 57 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. of Mo.	D. of Wk.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 5	4 34	5 37	7 5	1	Fr.	7 10	4 29	5 41	10 7
7 6	4 33	6 34	7 51	2	Sa.	7 11	4 29	6 47	10 57
7 7	4 33	sets	8 43	3	S.	7 12	4 28	sets	11 46
7 8	4 33	6 23	9 34	4	M.	7 13	4 28	6 19	morn.
7 9	4 32	7 31	10 24	5	Tu.	7 14	4 28	7 26	36
7 10	4 32	8 43	11 12	6	W.	7 15	4 28	8 40	1 26
7 11	4 32	9 55	morn.	7	Th.	7 16	4 28	9 53	2 17
7 12	4 32	11 6	4	8	Fr.	7 17	4 28	11 5	3 7
7 13	4 32	morn.	56	9	Sa.	7 17	4 28	morn.	3 57
7 14	4 32	16	1 52	10	S.	7 18	4 28	16	4 54
7 15	4 32	1 26	2 50	11	M.	7 19	4 28	1 27	5 52
7 15	4 32	2 35	3 49	12	Tu.	7 20	4 28	2 37	6 52
7 16	4 33	3 43	4 51	13	W.	7 21	4 28	3 46	7 55
7 16	4 33	4 50	5 50	14	Th.	7 22	4 28	4 54	8 53
7 17	4 33	5 54	6 45	15	Fr.	7 22	4 29	5 58	9 47
7 18	4 33	rises	7 34	16	Sa.	7 23	4 29	rises	10 39
7 18	4 33	5 20	8 20	17	S.	7 24	4 29	5 15	11 26
7 19	4 34	6 18	9 7	18	M.	7 24	4 29	6 14	ev. 8
7 20	4 34	7 21	9 50	19	Tu.	7 25	4 30	7 17	52
7 20	4 35	8 20	10 29	20	W.	7 26	4 30	8 17	1 33
7 21	4 35	9 19	11 7	21	Th.	7 26	4 31	9 17	2 12
7 21	4 36	10 15	11 47	22	Fr.	7 26	4 31	10 15	2 50
7 22	4 37	11 13	ev. 28	23	Sa.	7 27	4 32	11 13	3 30
7 22	4 37	morn.	1 11	24	S.	7 27	4 32	morn.	4 12
7 23	4 38	11	1 57	25	M.	7 28	4 33	12	4 59
7 23	4 39	1 10	2 49	26	Tu.	7 28	4 33	1 13	5 51
7 23	4 39	2 13	3 44	27	W.	7 28	4 34	2 16	6 47
7 23	4 40	3 16	4 42	28	Th.	7 29	4 35	3 21	7 45
7 24	4 40	4 22	5 44	29	Fr.	7 29	4 36	4 27	8 47
7 24	4 41	5 27	6 42	30	Sa.	7 29	4 37	5 32	9 46
7 24	4 42	6 26	7 35	31	S.	7 30	4 37	6 31	10 30



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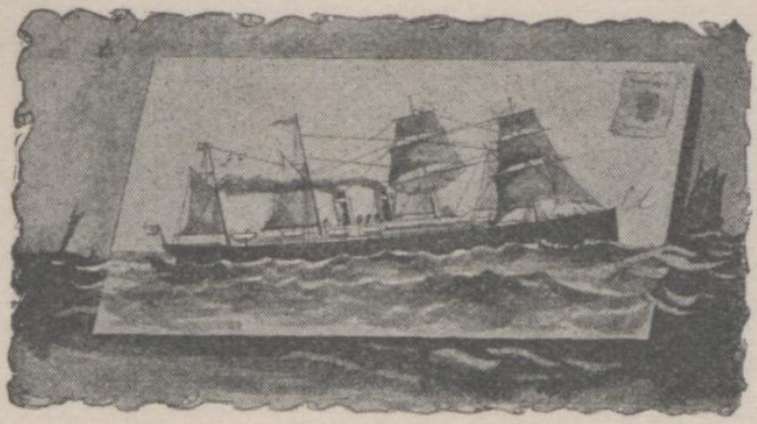
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FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 cent per two ounces. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Direct your mail matter to a post-office, writing the name of the *State* plainly; and if to a city, add the street and number or post-office box of the person addressed. Matter not addressed to a post-office cannot be forwarded. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure its immediate return to you for correction, if improperly addressed or insufficiently paid; and if it is not called for at destination it can be returned to you without going to the Dead Letter office. If a letter, it will be returned free. Register all valuable letters and packages. **Registry fee, eight cents**, which, with the postage, must be fully prepaid.

FEES CHARGED FOR MONEY-ORDERS.—For Money Orders in denominations of $100 or less, the following fees are charged: For Orders for sums not exceeding $2.50, 3 cents; $2.50 to $5, 5 cents; $5 to $10, 8 cents; $10 to $20, 10 cents; $20 to $30, 12 cents; $30 to $40, 15 cents; $40 to $50, 18 cents; $50 to $60, 20 cents: $60 to $75, 25 cents; $75 to $100, 30 cents.



FOREIGN POSTAGE.

To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

TO CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER, same as in the United States; Samples, 1 cent per 2 ounces (must be paid at least 2 cents); MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. 6 ozs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

TO MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per two ounces**; MERCHANDISE other than Samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Mexico.

LIMITS OF SIZE AND WEIGHT: Packages of samples of merchandise to the countries named above (except Great Britain, France, Belgium, and Switzerland) must not exceed 8¾ ozs., nor measure more than 12 in. in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs. Packages of merchandise samples to Great Britain, France, Belgium, Switzerland, Italy, Austria, Hawaii, and Argentine Republic are limited to 12 ozs. in weight, 12 in. in length, 8 in width, and 4 in depth. Packages of printed matter to Germany and Great Britain are limited to 2 ft. in length and 1 ft. in each other dimension.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

On Money Orders payable in foreign countries the following fees are charged:

For Orders for sums of $10 or less			10 cents.
Over $10 and not exceeding		$20	20 cents.
Over 20 and not exceeding		30	30 cents.
Over 30 and not exceeding		40	40 cents.
Over 40 and not exceeding		50	50 cents.
Over 50 and not exceeding		60	60 cents.
Over 60 and not exceeding		70	70 cents.
Over 70 and not exceeding		80	80 cents.
Over 80 and not exceeding		90	90 cents.
Over 90 and not exceeding		100	$1.00.



INTEREST TABLES.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

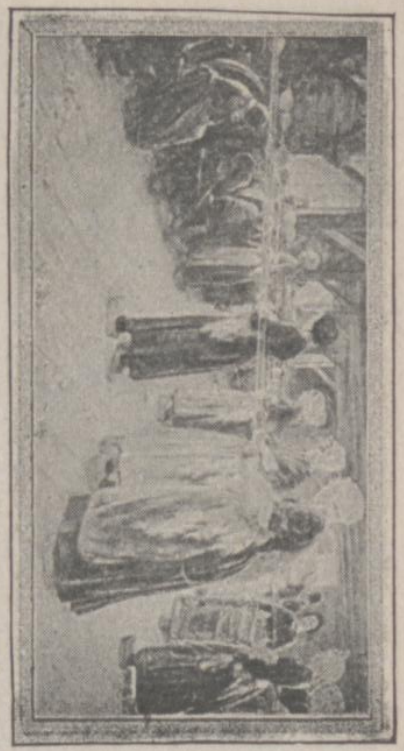
5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
4 "	2	4	5	6	9	10	12	14	15	17	1.67	16.67
5 "	2	4	7	9	11	13	15	17	19	21	2.09	20.84
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

TABLE OF WAGES BY THE WEEK.

Wages	Half hour.	One hour.	Two hours	Four hours.	Five hours.	Six hours	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	6 d.
$3	.02½	.05	.10	.20	.25	.30	.40	.45	.50	1.00	1.50	2.00	2.50	3
4	.03⅓	.06⅔	.13⅓	.26⅔	.33⅓	.40	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4
5	.04⅙	.08⅓	.16⅔	.33⅓	.41⅔	.50	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5
6	.05 5/6	.10	.20	.40	.50	.60	.80	.90	1.00	2.00	3.00	4.00	5.00	6
7	.05⅚	.11⅔	.23⅓	.46⅔	.58⅓	.70	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7
8	.06⅔	.13⅓	.26⅔	.53⅓	.66⅔	.80	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8
9	.07½	.15	.30	.60	.75	.90	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9
10	.08⅓	.16⅔	.33⅓	.66⅔	.83⅓	1.00	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10
11	.09⅙	.18⅓	.36⅔	.73⅓	.91⅔	1.10	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11
12	.10	.20	.40	.80	1.00	1.20	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12
13	.10 5/6	.21⅔	.43⅓	.86⅔	1.08⅓	1.30	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13
14	.11⅔	.23⅓	.46⅔	.93⅓	1.16⅔	1.40	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14
15	.12½	.25	.50	1.00	1.25	1.50	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15
16	.13⅓	.26⅔	.53⅓	1.06⅔	1.33⅓	1.60	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16
17	.14⅙	.28⅓	.56⅔	1.13⅓	1.41⅔	1.70	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17
18	.15	.30	.60	1.20	1.50	1.80	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18
19	.15 5/6	.31⅔	.63⅓	1.26⅔	1.58⅓	1.90	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19
20	.16⅔	.33⅓	.66⅔	1.33⅓	1.66⅔	2.00	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20
24	.20	.40	.80	1.60	2.00	2.40	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24

This Table is based upon the usual calculation of 10 hours to a day.





PRINCIPAL COUNTRIES OF THE WORLD.

COUNTRY.	Square Miles.	Population.	Capital.
British Empire	12,208,506	378,946,973	London.
Chinese Empire	4,468,750	303,214,960	Pekin.
Russian Empire	8,457,289	108,787,244	St. Petersb'g.
United States	3,602,990	62,622,250	Washington.
German Empire	211,108	49,421,064	Berlin.
Austria-Hungary	201,591	41,827,700	Vienna.
Japan	147,669	39,607,234	Tokio.
France	204,177	38,218,903	Paris.
G't Britain and Ireland	121,230	37,740,569	London.
Turkey	1,652,533	33,559,787	Consta'nople.
Italy	110,665	29,699,785	Rome.
Spain	196,173	17,550,216	Madrid.
Brazil	3,219,000	14,000,000	R. de Janeiro.
Mexico	751,700	11,632,924	Mexico.
Persia	636,000	7,653,600	Teheran.
Egypt	400,000	6,817,265	Cairo.
Norway and Sweden	298,974	6,774,409	Stockholm.
Morocco	314,000	6,500,000	Morocco.
Belgium	11,373	6,030,043	Brussels.
Siam	280,550	5,700,000	Bangkok.
Roumania	46,314	5,376,000	Bucharest.
Canada	3,456,690	4,833,239	Ottawa.
Portugal	34,038	4,708,178	Lisbon.
Abyssinia	189,000	4,500,000	Magdala.
Holland (Netherlands)	12,680	4,450,870	The Hague.
Argentine Republic	1,095,013	4,200,000	BuenosAyres.
Colombia	331,420	4,000,000	Bogota.
Peru	405,040	2,970,000	Lima.
Switzerland	15,981	2,933,334	Berne.
Chili	256,860	2,665,926	Santiago.
Bolivia	472,000	2,300,000	La Paz.
Greece	24,977	2,187,208	Athens.
Denmark	14,780	2,172,205	Copenhagen.
Venezuela	566,159	2,121,988	Caracas.
Servia	18,757	2,096,043	Belgrade.
Cuba	43,220	1,521,684	Havana.
Guatemala	46,774	1,427,116	N.Guatemala.
Ecuador	144,000	1,146,000	Quito.
Liberia	14,000	1,050,000	Monrovia.
Porto Rico	3,550	784,709	San Juan.
Uruguay	72,112	700,000	Montevideo.
San Salvador	7,228	651,130	San Salvador.
Hayti	29,830	550,000	P't au Prince.
Paraguay	145,000	476,000	Asuncion.
Honduras	42,658	431,917	Tegucigalpa.
Nicaragua	51,660	400,000	Nicaragua.
Costa Rica	19,985	213,785	San Jose.
Hawaii	6,587	86,647	Honolulu.



STATES AND TERRITORIES.

STATES AND TERRITORIES.	Square Miles.	When Settled.	Admitted.	Populat'n in 1892.	Elec'l Vote.
Alabama	52,250	1711	1819	1,565,000	11
Arkansas	53,850	1685	1836	1,195,000	8
California	158,360	1768	1850	1,286,000	9
Colorado	103,925	1806	1876	478,000	4
Connecticut	4,990	1635	1789	776,000	6
Delaware	2,050	1638	1787	173,000	3
Florida	58,680	1565	1845	420,000	4
Georgia	59,475	1733	1789	1,898,000	13
Idaho	84,800	1860	1890	100,000	3
Illinois	56,650	1682	1818	3,975,000	24
Indiana	36,350	1702	1816	2,234,000	15
Iowa	56,025	1788	1837	1,964,000	13
Kansas	82,080	1719	1861	1,480,000	10
Kentucky	40,400	1787	1792	1,883,000	13
Louisiana	48,720	1699	1812	1,156,000	8
Maine	33,040	1635	1820	664,000	6
Maryland	12,210	1634	1789	1,059,000	8
Massachusetts	8,315	1620	1789	2,353,000	15
Michigan	58,915	1670	1837	2,186,000	14
Minnesota	83,365	1819	1858	1,418,000	9
Mississippi	46,810	1716	1817	1,326,000	9
Missouri	69,415	1764	1821	2,790,000	17
Montana	146,080	1860	1889	160,000	3
Nebraska	77,510	1854	1867	1,225,000	8
Nevada	110,700	1848	1864	44,000	3
New Hampshire	9,305	1623	1789	382,000	4
New Jersey	7,815	1620	1789	1,522,000	10
New-York	49,170	1614	1789	6,212,000	36
North Carolina	52,250	1650	1789	1,660,000	11
North Dakota	68,645	....	1889	223,000	3
Ohio	41,060	1788	1802	3,770,000	23
Oregon	96,030	1811	1859	352,000	4
Pennsylvania	45,215	1638	1789	5,497,000	32
Rhode Island	1,250	1636	1790	360,000	4
South Carolina	30,570	1690	1789	1,181,000	9
South Dakota	79,800	....	1889	386,000	4
Tennessee	42,050	1750	1796	1,789,000	12
Texas	265,780	1685	1845	2,377,000	15
Vermont	9,565	1724	1791	333,000	4
Virginia	42,450	1607	1789	1,685,000	12
Washington	69,180	1845	1889	410,000	4
West Virginia	24,780	1607	1863	784,000	6
Wisconsin	56,040	1669	1847	1,771,000	12
Wyoming	97,890	1869	1890	74,000	3
Utah	84,970	1847	1896	223,000	3
Alaska Ter.	561,409	1741	....	40,000	....
Arizona "	113,020	1582	....	63,000	....
Indian "	64,609	1834	....	190,000	....
New Mexico "	122,580	1582	....	161,000	....
Oklahoma "	39,450	....	....	123,000	....



PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1890.	Miles	Hours	Stan. Time — Mean + Time.
New-York, N. Y.	2,317,878	....	....	— 4 m.
Chicago, Ill.	1,098,576	912	24.	— 9
Philadelphia, Pa.	1,044,894	90	2.	+ 1
St. Louis, Mo.	450,245	1065	29.40	+ 1
Boston, Mass.	446,507	234	5.	— 16
Baltimore, Md.	433,547	188	4.09	+ 6
San Francisco, Cal.	297,990	3269	100.15	+ 10
Cincinnati, Ohio	296,309	757	21.10	— 22
Cleveland, Ohio	261,546	595	14.20	+ 27
Buffalo, N. Y.	254,457	410	8.20	+ 16
New Orleans, La.	241,995	1371	48.	0
Pittsburgh, Pa.	238,473	444	12.	+ 20
Washington, D. C.	228,160	228	5.25	+ 8
Detroit, Mich.	205,669	646	16.55	— 28
Milwaukee, Wis.	204,150	997	27.10	— 8
Newark, N. J.	181,518	10	.30	— 3
Minneapolis, Minn.	164,738	1332	39.	+ 12
Louisville, Ky.	161,005	867	24.30	— 18
Omaha, Neb.	139,526	1402	41.30	+ 14
Rochester, N. Y.	138,327	371	6.55	+ 11
St. Paul, Minn.	133,156	1322	38.40	+ 12
Kansas City, Mo.	132,416	1385	41.30	+ 19
Providence, R. I.	132,099	188	4.01	— 14
Denver, Col.	126,186	1974	60.	0
Indianapolis, Ind.	107,445	825	22.30	— 16
Albany, N. Y.	93,523	143	2.45	— 5
Columbus, Ohio	90,398	540	17.	— 28
Syracuse, N. Y.	87,877	291	5.28	+ 5
Worcester, Mass.	84,536	190	5.	— 13
Toledo, Ohio.	82,652	706	17.30	— 16
Richmond, Va.	80,838	342	11.15	+ 10
Nashville, Tenn	76,309	1000	30.30	— 17
Los Angeles, Cal.	65,000	3177	100.	— 7
Grand Rapids, Mich.	64,147	934	23.08	— 17
Seattle, Wash.	57,542	3358	120.	+ 10
Lincoln, Neb.	55,491	1460	30.30	+ 22
Charleston, S. C.	54,592	803	31.	+ 24
Hartford, Conn.	53,182	110	2.35	— 9
Des Moines, Iowa	50,067	1270	41.	+ 14
Portland, Or.	47,294	3226	112.30	+ 20
Salt Lake City, Utah.	45,025	2471	72.	+ 28
Tacoma, Wash.	45,000	3209	128.	+ 9
Savannah, Ga.	41,762	904	31.	+ 24
Galveston, Texas.	29,118	1782	63.	+ 19
Leavenworth, Kan.	20,250	1369	41.	+ 20
Rutland, Vt.	11,757	232	7.47	— 9



VALUE OF FOREIGN COINS.

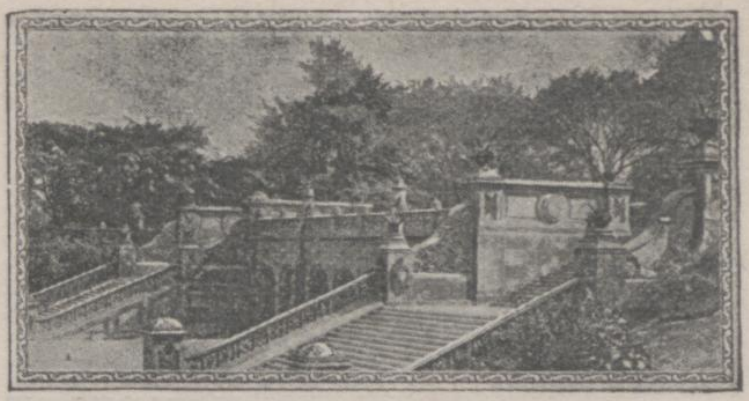
DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.69.8
Bolivar	Venezuela	.14.
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Liberia	1.00.
"	Mexico	.75.8
"	Sandwich Islands	1.00.
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
Half Imperial	Russia	3.97.
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mahbub of 20 piasters	Tripoli	.62.9
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" " "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
"	Ecuador	.69.8
"	U. S. of Colombia	.69.8
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sovereign)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Rupee of 16 annas	India	.33.2
Shilling	England,	.24.
Sol	Peru	.69.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.75.2

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.



PLACES OF INTEREST IN NEW YORK.

AMERICAN MUSEUM OF NATURAL HISTORY, between Eighth and Ninth Avenues, 77th and 81st Streets.—Open free every day except Monday and Tuesday, when there is an admission fee of 25 cents. Contains a fine collection of mounted birds, animals, fishes, insects, &c.

BATTERY PARK, at the southern end of the island.—Contains 21 acres, beautifully laid out. A wide promenade extends along the sea wall, from which a fine view of the harbor may be obtained. Named from the battery erected here by the Dutch settlers. The British army embarked here Nov. 25, 1783, when evacuating New York at the close of the Revolution.

BROOKLYN BRIDGE, connects New York City with Brooklyn.—Construction begun June 3d, 1870. Opened to the public May 24th, 1883. Total length, 5989 feet; width, 89 feet; height of towers, 278 feet; height of center above high water, 135 feet; cost $15,000,000. Foot passengers, free; car fare, 3 cents, or 10 tickets for 25 cents.

CASTLE GARDEN, in Battery Park.—Now New York Aquarium. Formerly used for great public meetings and receptions. Admittance to the Aquarium is free. Its hours are from 10 A. M. to 4 P. M., and it is open daily excepting on Mondays and Tuesdays.

CENTRAL PARK, between Fifth and Eighth Avenues, 59th and 110th Streets.—2½ miles long and ½ mile wide. Contains 860 acres. It has twelve grand entrances, contains 28 miles of walks, 10 miles of carriage roads, and 5 miles of bridle paths. More than 10,000,000 people visit the park annually.

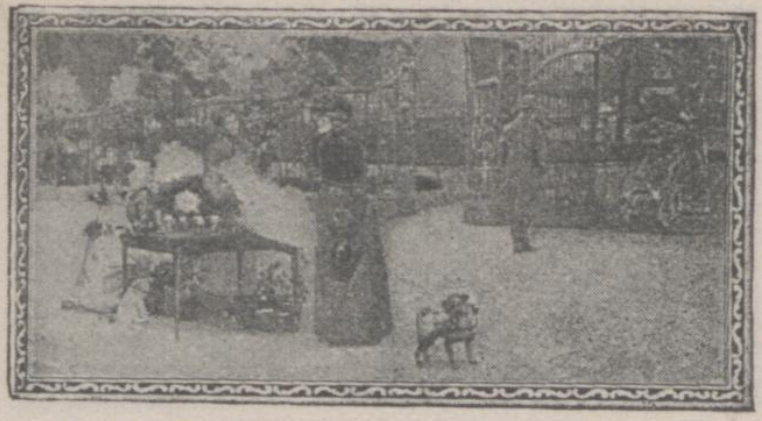
CITY HALL, City Hall Park.—Built of marble in 1803. The Governor's room contains the portraits of all the Governors of New York State, the chair and desk at which Washington wrote his first message to Congress, and many other relics.

CUSTOM HOUSE, Wall Street, Cor. of William.—A granite edifice, the portico of which is supported by a number of columns 38 feet high, 4½ feet in diameter, each cut from a single stone. All vessels arriving at and leaving this port must report to the Government officials here.

GEN. GRANT'S TOMB, in Riverside Park at 123d Street, overlooking the Hudson River. Erected by popular subscription at a cost of nearly $600,000 and dedicated April 27, 1897, with imposing ceremonies. It can be reached by the Sixth Avenue Elevated road to 125th Street, thence by cable cars.

HIGH BRIDGE, Harlem River at 175th Street.—A stone structure conveying the water of the Croton aqueduct across the Harlem River, at a height of 100 feet; length, 1400 feet.

METROPOLITAN MUSEUM OF ART, in Central Park, near Fifth Avenue and 82d Street.—Open free every day except Monday and Tuesday, when an admission fee of 25 cents is charged. Contains a large and rich collection of some of the best examples of the old masters and modern painters, and a fine gallery of marble statuary.



PLACES OF INTEREST IN NEW YORK.

OBELISK, in Central Park, near Metropolitan Museum, Fifth Avenue and 82d Street.— Erected in Egypt about 3500 years ago. It is cut from one solid block of granite, 70 feet high and weighing 40,000 pounds. It is covered with hieroglyphics illustrating the deeds and titles of the King of Egypt at that time. Presented by the Khedive, Ismail Pasha, to the city of New York. Brought here by Lieut. Gorringe, U. S. N., in a vessel specially fitted up for the purpose. The entire cost of transportation and erecting was defrayed by the late William H. Vanderbilt.

POST OFFICE, Broadway and Park Row.— Costing $7,000,000. There are sixteen branch offices.

STATUE OF LIBERTY, on Liberty (formerly Bedloe's) Island. Modeled by the French sculptor Bartholdi, and presented by France to the United States. The Statue is of copper-bronze, 151 feet high; mounted on a stone pedestal 154 feet high, making the extreme height 305 feet. It may be reached by boat from the Barge Office at the Battery.

SUB-TREASURY, Wall Street, Cor. of Nassau.— Built of white granite on the site of old Federal Hall, where Washington was inaugurated. The original building, erected in 1700, was used for the City Hall. The first Congress under the National Constitution met here, March 4th, 1789, when the name was changed to Federal Hall. Afterwards used as the State Capitol, and then the present building was erected and used many years as the Custom House; now occupied for the storage of gold and silver coin, etc. The walls are five and six feet thick, and the roof is of solid stone four feet thick. It is guarded day and night by a force of twenty-five men. On the steps now stands a statue of Washington, the pedestal containing the very stone on which he stood when taking the oath, on April 30th, 1789.

ST. PATRICK'S CATHEDRAL, Fifth Avenue, 50th and 51st Streets.— The most imposing church edifice in the United States, costing over $2,000,000. It is 300 feet long, 140 feet wide, and 108 feet high. The twin spires on either side of the front gable rise to a height of 328 feet. The rich stained glass in its 70 windows was made in France and cost $100,000. The main altar, 40 feet high, is made of Italian marble inlaid with rare gems. The organ is one of the largest in the city. The Cathedral is open daily.

ST. PAUL'S CHURCH, Broadway, Cor. Vesey Street.— Erected in 1764. A chapel of Trinity Church. Was attended by Washington, and his pew still remains, marked with his initials.

TRINITY CHURCH, Broadway, head of Wall Street.— The richest parish in the United States, its annual income reaching $500,000. Was founded in 1697. The church was burned in 1776, rebuilt in 1788, and the present house was completed in 1846. It was designed by the famous American architect Upjohn, and required seven years to build. The steeple is 284 feet high.

PRESIDENTS OF THE UNITED STATES.

NAMES.	BORN.	INAUGURATED.	IN OFFICE.	DIED.	NATIVE OF.
GEORGE WASHINGTON .	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
JOHN ADAMS.....	Oct. 30, 1735	March 4, 1797	4 "	July 4, 1826	Massachus'ts.
THOMAS JEFFERSON....	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
JAMES MADISON.....	March 16, 1751	" 4, 1809	8 "	June 28, 1836	"
JAMES MONROE.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
JOHN QUINCY ADAMS...	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Massachus'ts.
ANDREW JACKSON	March 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
MARTIN VAN BUREN....	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New York.
WILLIAM H. HARRISON.	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.
JOHN TYLER.....	March 20, 1790	April 5, 1841	3 yrs. 11 mos..	Jan. 17, 1862	"
JAMES K. POLK.....	Nov. 2, 1795	March 4, 1845	4 "	June 15, 1849	N. Carolina.
ZACHARY TAYLOR.....	Nov. 24, 1790	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
MILLARD FILLMORE....	May 7, 1800	July 10, 1850	2 yrs. 8 " ..	March 8, 1874	New York.
FRANKLIN PIERCE.....	Nov. 23, 1804	March 4, 1853	4 "	Oct. 8, 1869	N. Hampshire.
JAMES BUCHANAN.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN.....	Feb. 12, 1809	" 4, 1861	4 " 40 days.	April 15, 1865	Kentucky.
ANDREW JOHNSON.....	Dec. 29, 1808	April 15, 1865	3 " 11 mos.	July 31, 1875	N. Carolina.
ULYSSES S. GRANT.....	April 27, 1822	March 4, 1869	8 "	July 23, 1885	Ohio.
RUTHERFORD B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6 mos. 15 days	Sept. 19, 1881	"
CHESTER A. ARTHUR...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 mos...	Nov. 18, 1886	Vermont.
GROVER CLEVELAND ...	March 18, 1837	March 4, 1885	4 "	.....	New Jersey.
BENJAMIN HARRISON...	Aug. 20, 1833	" 4, 1889	4 "	.....	Ohio.
GROVER CLEVELAND ...	March 18, 1837	" 4, 1893	4 "	.....	New Jersey.
WILLIAM MCKINLEY...	Jan. 29, 1843	" 4, 1897	.....	.....	Ohio.





VALUABLE INFORMATION FOR BUSINESS MEN.

DEMAND NOTES are payable on presentation, without grace, and bear legal interest after a demand has been made, if not so written. An endorser on a demand note is holden only for a limited time, variable in different States.

A NEGOTIABLE NOTE must be made payable either to bearer, or be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility, he can endorse "without recourse."

A JOINT NOTE is one signed by two or more persons, who can each become liable for the whole amount.

NO GRACE is allowed in the majority of States on time notes after the time for payment expires. If not paid when due, the endorser, if any, should be legally notified to be holden.

NOTES FALLING DUE ON SUNDAY, or on a legal holiday, must be paid the day following as a rule.

ALTERING A NOTE in any manner, by the holder, makes it void.

NOTES GIVEN BY MINORS are void.

THE MAKER OF A NOTE that is lost or stolen is not released from payment if the amount and consideration can be proven.

NOTES OBTAINED BY FRAUD, or given by intoxicated persons, cannot be collected.

AN ENDORSER has a right of action against all whose names were previously on a note endorsed by him.

A BILL OF EXCHANGE OR DRAFT is an order drawn by one person or firm upon another, payable either at sight or at a stated future time.

A note dated on Sunday is void. An endorser of a note is exempt from liability if not served with notice of its dishonor within 24 hours of its non-payment. Notes bear interest only when so stated. Principals are responsible for their agents. Each individual in partnership is responsible for the whole amount of the debts of the firm. Ignorance of the law excuses no one. It is a fraud to conceal a fraud. It is illegal to compound a felony. The law compels no one to do impossibilities. An agreement without a consideration is void. Signatures in lead pencil are good in law. A receipt for money is not legally conclusive. The acts of one partner bind all the others. Contracts made on Sunday cannot be enforced. A contract with a minor is void. A contract made with a lunatic is void. Written contracts concerning land must be under seal.

DEPOSITS OF MONEY in a bank placed to the credit of depositors are always subject to their check for full amount due.



WEIGHTS AND MEASURES.

MEASURES OF WEIGHT.—*Avoirdupois:* 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy:* 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries':* 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric:* 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

MEASURES OF LENGTH.— *Customary:* 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric:* 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

SURFACE OR SQUARE MEASURE.— *Customary:* 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric:* 1 square metre equals 1 acre; 100 acres, 1 hectare; 1 hectare equals about 2.5 (2.47) acres.

SOLID OR CUBIC MEASURE.— *Customary:* 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch — usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric:* 1000 cubic centimetres equal 1 litre, equals .946 quart.

LIQUID MEASURE.—English gallon equals 277.463 cubic inches; U. S. gallon equals 231 cubic inches; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

DRY MEASURE.— 1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric:* 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 1.06 quarts.

POUNDS PER BUSHEL.— The weight per bushel of different articles differs in different States. Revised Statutes of the U. S., Sec. 2919: "For the purpose of estimating the duties on importations of grain, the number of bushels shall be ascertained by weight instead of by measuring; and sixty pounds of wheat, fifty-six pounds of corn, fifty-six pounds of barley, thirty-two pounds of oats, sixty pounds of peas, and forty pounds of buckwheat, avoirdupois weight, shall respectively be estimated as a bushel."

CAPACITY OF BOXES.

25 in. sq.,	11.66 in.	deep	=	Approx.	1 wine barrel.
20 " "	9.10 "	"	=	"	1 wine half barrel.
17 " x 14 in.	9.00 "	"	=	"	1 bushel.
10 " x 12 "	9.00 "	"	=	"	½ "
8 " square,	8.40 "	"	=	"	1 peck.
8 " "	4.20 "	"	=	"	1 gal. (dry measure).
7 " diam.,	6.00 "	"	=	"	1 gal. (liquid measure).



COMPARATIVE YIELD

IN POUNDS PER ACRE.

Hops	442	Plums	2,000	Grass	7,000
Wheat	1,260	Cherries	2,000	Potatoes	7,500
Barley	1,600	Onions	2,800	Apples	8,000
Oats	1,840	Hay	4,000	Turnips	8,420
Peas	1,920	Pears	5,000	Cabbages	10,900
Beans	2,000	Carrots	6,800	Parsnips	11,200

PERCENTAGE OF NUTRITION IN VARIOUS ARTICLES OF FOOD.

Cucumbers	2	Boiled codfish	21	Rye bread	79
Melons	3	Potatoes	22½	Boiled beans	87
Turnips	4½	Fried veal	24	Boiled rice	88
Milk	7	Roast pork	24	Barley bread	88
Cabbage	7½	Roast poultry	26	Wheat bread	90
Currants	10	Beef	26	Baked cornbread	91
Eggs	13	Grapes	27	Boiled barley	92
Beets	14	Plums	29	Butter	93
Apples	16	Broiled mutton	30	Boiled peas	93
Peaches	20	Oatmeal p'dge	75		

AGRICULTURAL PRODUCTIONS OF THE UNITED STATES.

Barley, bushels	72,760,000	Oats, bushels	661,035,000
Buckwheat, "	11,000,000	Oranges, boxes	7,000,000
Butter and cheese, tons	610,000	Peanuts, bushels	2,600,000
Cotton, bales	6,717,142	Potatoes, "	155,000,000
Flax, bushels	11,104,440	Rye, "	31,750,000
Hay, tons	50,000,000	Sugar, pounds	481,270,222
Hops, pounds	1,987,790,000	Tobacco, "	565,795,000
Indian corn, bu.	1,628,464,000	Wheat, bushels	515,949,000
		Wool, pounds	294,000,000

LIVE STOCK.—Number of horses, 16,206,802; mules, 2,321,128; cows, 16,424,087; oxen and other cattle, 35,954,196; sheep, 47,273,553; swine, 46,094,807.

TO MEASURE CORN IN CRIB, ETC.

This rule will apply to a crib of any size or kind. Two cubic feet of good, sound, dry corn in the ear will make a bushel of shelled corn. To get, then, the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth, and height of the crib inside of the rail; multiply the length by the breadth, and the product by the height; then divide the product by two, and you have the number of bushels of shelled corn in the crib.

To find the number of bushels of apples, potatoes, etc., in a bin, multiply the length, breadth, and thickness together, and this product by 8, and point off one figure in the product for decimals.



FACTS FOR BUILDERS.

BRICKS REQUIRED TO CONSTRUCT ANY BUILDING.

(Reckoning 7 Bricks to each Superficial Foot.)

SUPERFICIAL FEET OF WALL.	NUMBER OF BRICKS TO THICKNESS OF					
	4 IN.	8 IN.	12 IN.	16 IN.	20 IN.	24 IN.
1.....	7	15	23	30	38	45
2.....	15	30	45	60	75	90
3.....	23	45	68	90	113	135
4.....	30	60	90	120	150	180
5.....	38	75	113	150	188	225
6.....	45	90	135	180	225	270
7.....	53	105	158	210	263	315
8.....	60	120	180	240	300	360
9.....	68	135	203	270	338	405
10.....	75	150	225	300	375	450

COST OF TIN ROOFING PER SQUARE AND SQUARE FOOT.

The first column contains the price, per box, of tin; the second column shows the cost of tin per square (100 square feet) of surface; and the third column shows the cost of tin per square foot of surface.

Flat Seam Roofing — Cost with 14×20 tin.

$4.25.....	$2.21.....	$0.0221	$6.25.....	$3.25.....	$0.0325
4.50.....	2.34.....	.0234	6.50.....	3.38.....	.0338
4.75.....	2.47.....	.0247	6.75.....	3.51.....	.0351
5.00.....	2.60.....	.0260	7.00.....	3.64.....	.0364
5.25.....	2.73.....	.0273	7.25.....	3.77.....	.0377
5.50.....	2.86.....	.0286	7.50.....	3.90.....	.0390
5.75.....	2.99.....	.0299	7.75.....	4.03.....	.0403
6.00.....	3.12.....	.0312	8.00.....	4.17.....	.0416

1000 shingles, laid 4 inches to the weather, will cover 100 square feet of surface, and 5 pounds of shingle nails will fasten them on.

One fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in the siding and matching.

1000 laths will cover 70 yards of surface, and 11 pounds of lath-nails will nail them on. Eight bushels of good lime, 16 bushels of sand, and 1 bushel of hair will make enough good mortar to plaster 100 square yards.

A cord of stone, 3 bushels of lime, and a cubic yard of sand will lay 100 cubic feet of wall.

Five courses of brick will lay 1 foot in height on a chimney; 6 bricks in a course will make a flue 4×12 inches; and 8 bricks in a course will make a flue 8×16 inches.

Cement 1 bushel and sand 2 bushels will cover 3⅓ square yards 1 inch thick, 4½ square yards ¾ inch thick, 6¾ square yards ½ inch thick. One bushel cement and 1 of sand will cover 2¼ square yards 1 inch thick, 3 square yards ¾ inch thick, and 4½ square yards ½ inch thick.



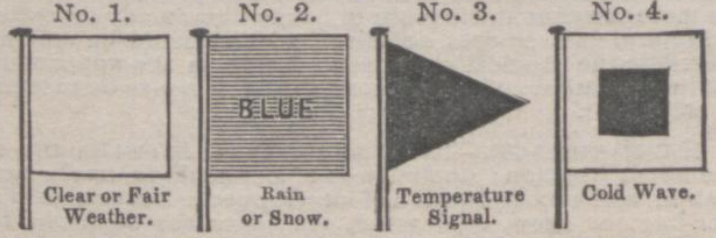
TO TELL TIME OF TIDE.

The time of high water at the places following may be found approximately for each day by adding or subtracting from the time of high water at New-York the hours and minutes annexed.

	H. M.		H. M.
Albany, N. Y.	+ 9.39	New Haven, Conn.	+ 3.1
Annapolis, Md.	+ 8.57	New London, Conn.	+ 1.16
Asbury Park, N. J.	— 0.37	Newport, R. I.	— 0.22
Atlantic City, N. J.	— 0.29	Norfolk, Va.	+ 0.56
Baltimore, Md.	+10.52	Norwich, Conn.	+ 2.5
Bar Harbor, Me.	+ 2.50	Ocean Grove, N. J.	— 0.37
Beaufort, S. C.	— 0.9	Old P. Comfort, Va.	+ 0.37
Block Island, R. I.	— 0.34	Philadelphia, Pa.	+ 5.37
Boston, Mass.	+ 3.22	Plymouth, Mass.	+ 3.12
Bridgeport, Conn.	+ 3.4	Point Lookout, Md.	+ 4.49
Bristol, R. I.	— 0.2	Portland, Me.	+ 3.10
Cape May, N. J.	+ 0.12	Portsmouth, N. H.	+ 3.16
Charleston, S. C.	— 0.43	Poughkeepsie, N. Y.	+ 4.27
Coney Island, N. Y.	— 0.20	Providence, R. I.	+ 0.7
Eastport, Me.	+ 3.1	Richmond, Va.	+ 8.47
Fernandina, Fla.	— 0.19	Rockaway, N. Y.	— 0.28
Gloucester, Mass.	+ 2.57	Rockland, Me.	+ 2.55
Isle of Shoals	+ 3.11	Rockport, Mass.	+ 2.50
Jacksonville, Fla.	+ 0.36	Salem, Mass.	+ 3.5
Key West, Fla.	+ 0.55	Sandy Hook, N. J.	— 0.32
League Island, Pa.	+ 5.12	Savannah, Ga.	— 0.49
Long Branch, N. J.	— 0.38	Smithville, N. C.	— 0.51
Marblehead, Mass.	+ 3.4	Vineyard Haven, Mass	+ 3.35
Nahant, Mass.	+ 3.2	Washington, D. C.	+11.54
Nantucket, Mass.	+ 4.31	Watch Hill, R. I.	+ 0.53
New Bedford, Mass.	+ 0.10	West Point, N. Y.	+ 2.55
Newburyport, Mass.	+ 3.29	Wilmington, N. C.	+ 0.59

EXAMPLE.—To ascertain at what hour it will be high tide at Sandy Hook on the 1st of July, find first the time of high water at New-York under that date, and then subtract 32 minutes, as found in above table opposite Sandy Hook; the result is the time of high water required.

WEATHER SIGNALS.



When black triangular flag is placed above white or blue flag it indicates warmer; when placed below, colder weather. For example—3, 1, 2 indicates warmer, fair weather, followed by rain or snow.



HELP IN CASE OF ACCIDENTS

DROWNING.—1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

SUNSTROKE.—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

BURNS AND SCALDS.—Cover with cooking soda, and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

HÆMORRHAGE.—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel, or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

FIRE IN A BUILDING.—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

Wea. SUN. JAN. 1, 1899 Ther.

Heavy snow fell in the night.
Hilton home till next day.
Mr Pierce some what better of the grip. —
Not-at-church myself. Hilton went Dr. Young up to tea.

Wea. MONDAY 2 Ther.

Good coasting for the boys. —
Hilton left at 3.35 P.M. —
Growing warmer

Wea. TUES. JAN. 3, 1899 Ther.

Thawing fast
Cornelia up
in the afternoon
Mr Peirce sitting
up in his room
but looking and
feeling quite weak
Grip is general
but mild in form-

Wea. WEDNESDAY 4 Ther.

Spring-like
Went to Bank
for Mother's div.
$10.20
Paid Dieduinks
Called on Mrs.
Bagby at Sallie's
on Cornelia also-
Dr. M. looks ill
Letter from Aunt Abbie
and note from E. B. E.

er. Wea. THUR. JAN. 5, 1899 Ther.

Raing —— 41° a.m
Rain soon over. 40° M.
Colder toward night.
R.R. spent evening
Sleety rain falling
through the night
Expect

er. Wea. FRIDAY 6 Ther.

Ice storm 133° am
Creek quite high.
Wintry aspect 134° P.M
Snowing at 3. P.M
Branches falling from trees.
Mr. Abraham dined today
Henry had a candy
pulling at night.
Hoifelken came. The
snow kept him
at home.

Wea. SAT. JAN. 7, 1899 Ther.

Cold but bright.
The ice jewels
are brilliant
against a warm
blue sky. They do
not melt rapidly
but keep the air
full of chill, on
which the sunshine
has small effect.
A few trees broken
Rock rising.

Wea. SUNDAY 8 Ther.

clear. 12° a.m.
Bright day.
Not at church
Communion Sab.
Trees still jeweled.
High river coming.
Note from
Louise Condit
announcing the
death of Virginia
Page's sister.

Wea. MON. JAN. 9, 1899 Ther.

Mild and muddy.
Mrs. Price washed.
John and I
went down to
Meinhardts and
McCleary's before
dinner. Aspinwall
Callihan at Mary's.
Henry started to
the public school.
Henry spent the
night here in Mary's place

Wea. TUESDAY 10 Ther.

Rather slippery
but not cold.
Prof. Hamp called
with a young stu-
dent for lodging.
We let him have
Hilton's old room
Cornelia here in the
afternoon. A bil-
liard game. Mary and
Annie C. also here

Wea. WED. JAN. 11, 1899 Ther.

More slippery.
Mr. White attends to our coal, etc. Is a quiet youth. Mr Pecks still ailing. River falling. —
Settled for Letter from E. Hyer. He has settled with Mr. Hussey but finds delay in other directions.

Wea. THURSDAY 12 Ther.

Drizzly & muddy in the forenoon. —
Pleasant afternoon. —
Mr. Condit called. Wrote to Miss Page.

Wea. FRI. JAN. 13, 1899 Ther.

Rainy.
Creek high —
Mud plenty —
Indoors close —

Wea. SATURDAY 14 Ther.

Wind and rain.
Last night warm.
Cornelia called
this afternoon.
Not able to
obtain the book
ordered for me
from Wanamakers
by Cornelia. —

Wea. SUN. JAN. 15, 1899 Ther.

Mild, fair day.
Not at church.
Dinner at Abby's
Nenny spent the
night. —
Y. M. C. A. trains
services at different
churches, and at
Opera House Sun. P. M.

Wea. MONDAY 16 Ther.

Slightly rainy. —
Long dull day. —
Misty at night —

Wea. TUES. JAN. 17, 1899 Ther.

Streaky -
Sun and cloud
all day, deepening
into clear clouds
at night. ——
Down street after
dinner for groceries
Mr P. fixed up for
awhile, — still quite
out of sorts. ——

Wea. WEDNESDAY 18 Ther.

Somewhat colder.
Called at Mrs.
Conklin's in afternoon
Saw the Family.
Mother went down
to Abby's while
I was gone

Wea. THUR. JAN. 19, 1899 Ther.

Ground frozen
Sunny day.
Fannie Bagley
called this
afternoon
Mother
went down to
Abby's.

Wea. FRIDAY 20 Ther.

Pleasant though
somewhat raw in
the afternoon.
Down street after
dinner. Got books
for John to begin
reading to read.
Louise Condit up
later.
Henry to stay all
night.

Wea. SAT. JAN. 21, 1899 Ther.

Bright but windy.
Down street in the
forenoon, Called at
Sallie's on way home.
Rest on Mrs B's lounge.
Gathering for Ida and
had it sent away to be
made smaller. And
Mary's also to be changed.
Idler - down again
Frances, Annie & Mary
called. Henry spent night

Wea. SUNDAY 22 Ther.

Bright day
with sharp air.
At church, first time
this year. Rained al-
aboys - A new Hymn-
al from Son - present.
Callers, afternoon
Joe, Hannah Mrs
Ella Eads, Annie C.
Not a rest-day.

Wea. MON. JAN. 23, 1899 Ther.

Warmish - lovely
Letter from Miss Page.
Mrs. Price washed.
John began lessons.
Down Street in
the afternoon, - Bank
Building Ass'n - and
Comelias - John
here at night.

Wea. TUESDAY 24 Ther.

Cold, hard rain
changing to snow in
the afternoon
Kept indoors -
Day very long -

Wea. WED. JAN. 25, 1899 Ther.

Bright but chilly.
Down street
in the forenoon.
Got Adas ring.
Called at Conells
coming home. She
came up P. M.
We went down
street together.
Too much walk.

Wea. THURSDAY 26 Ther.

Pleasant but windy.
Wrote to Adas
Mailed letter and
ring - registered.
in the afternoon
Mr. Peers went
to Cin. on a
business trip.

Wea. FRI. JAN. 27, 1899 Ther.

Signs of snow.
The air very
chilly and raw.
Mr. Peers home
4 P. M., - brought
Henry a new coat.
Abby and Henry
up awhile between
six and seven.
The Culbertson
have a masked
party tonight

Wea. SATURDAY 28 Ther.

Gray sky, still
threatening Snow
Miss Julia Hoff-
man called.
Was at Mrs.
Mitchells and
Mr Condits
late this afternoon

Wea. SUN. JAN. 29, 1899 Ther.

Sharp cold. A rough walk to church. Dinner at Abby's - a long afternoon afternoon & evening together

Text - 1 Heb. XII - 1.

Wea. MONDAY 30 Ther.

Still gray and threatening Snow Called at Mr. W's office. He paid $10 on note. Called at Mrs. Sampson's. To ill to see me. Mr. Condit - there. Called at Joe Norton's, Mrs. W. & Cornelia's but could not get in Stayed awhile at Sallie

Wea. TUES. JAN. 31, 1899 Ther. Wea

Cold. Snow fell during night.
Cornelia up in afternoon. Louise gone home
Rec'd Receipt from Perrin's Reg'd Land Letter
Wrote to Madge Schuette -
John comes for the hour 9 to 10.

Wea. WED. FEB! 1 Ther. We

Colder - -10
A shut-in day.
John up to his lessons. -
Children enjoying skating.
Took the air in tramps down hill to Abby's through the snow. Cat Dolly goes too.

Wea. THUR. FEB. 2, 1899 Ther.

Several degrees warmer and signs of rain.
Walked out this afternoon. Miss Ball.
Called at Sallies and Mrs. Hand's
Met Sizzie Calvin at Mrs. Eva's
Found Mr Condit here on my return
Showed about damp
Mrs Sampson low.
Mrs. Hiram Moore dead

Wea. FRIDAY 3 Ther.

Thunder shower in the night. The day
dizzly and misty
Made "fudge" for
Hilonis social. Both
and made myself
sick Trying its
progress.
Down street P.M. to
P.O. and the grocers.
Met Mr. Condit. and
Miss Ella Eads.
Mrs. Lampton better

Wea. SAT. FEB. 4, 1899 Ther.

Stopped Coal. Cin.

Deep thaw making bad walking. —
Hilton down on 7.30 train, — looking well. Mary and Robert attend concert at Ironton.
Mary's birthday. —
Hilton gave her silver Rent for her bracelet. Abby to help Henry get one for his dear.

Wea. SUNDAY 5 Ther.

Sleet on ground and trees. Moderate, but not thawing.
Not at church.
Dinner at Abby's with Hilton. Annie C. also there from church. Hilton returned on four o'clock train.
Bed-time early.

her. Wea. MON. FEB. 6, 1899 Ther.

Rose 5.30. Snowing quite heavily. Mr. P. went to Huntington on shuttle. Colder at night. Henry called.

Letter from Ida. All well. Pleased with ring. Took a trot down to Abby's through the snow for fresh air & exercise. Mr. W. takes his walk ten times daily in all weathers.

Envy him.

her. Wea. TUESDAY 7 Ther.

Still snowing at intervals. John doing very well in his lessons.

Bell Wallace called at 9.45. Visitors rare this week, so much snow. Coasted down hill before lunch - Abby in p.m. later - Snowballing and skating going on among the young fry.

Wea. WED. FEB. 8, 1899 Ther.

Much colder.
Flurries of snow and sharp wind. Indoors all day. Letter from Prof Gordon, Caledonia
Housework.
Johns lessons.
Youths Companion and the cat, for the day's program.
Red time welcome

Wea. THURSDAY 9 Ther.

Colder still. -10°
A snapping night
Henry dared up to stay, slept on lounge.
Sun shines today but cold holds out.
Hens wont get out in this weather.
Snow birds are at the seeds of the broom sedge. Mollie sewing carpet rags.
Henry at night.

Ours -32°

Wea. FRI. FEB. 10, 1899 Ther.

Mr. Pears

5 a.m. — 36°

Coldest weather on record in this latitude

Up at 2.45 to build our bedroom fire.

Mercury rose through the day, being at 5 P.M. about Zero.

Live stock all right and ourselves nearly enough to get around as usual indoors.

Henry at night

Wea. SATURDAY 11 Ther.

Moderating and snowing all day. — no getting out beyond the place and all paths are nearly filled up.

Mother and I read Myrtle's Companion and sit round the fire with the cat.

Eat our lunch by the bed-room fire.

Mr. W. sweeps new paths every morning.

5 a.m.

Wea. SUN. FEB. 12, 1899 Ther.

Snow at least - 4 six inches deep - Not at church - No one from Abby's able to go. Many sick with a cold & Mr. Pecus in bed till noon. Henry helping Abby. - Melby in Chains! Coal & ice wagons been busy today. Very windy & cold all around.

Wea. MONDAY 13 Ther.

6 a.m - 12

Cold night and morning - Moderating perceptibly after the sun rose. Bright, sharp day, very welcome in its display of sunshine. Mary, Annie & John on the streets sweeping a skating place. Mary in attendance worrying cows away. - Henry up at night to

1st day 3rd week winter Coll-Course
2

Wea. TUES. FEB. 14, 1899 Ther.

5 A. M. – 20°
A bitter night. We rose early to be warm. Later, the mercury began rising and reached 20 above zero at close of afternoon. Bright Sunshine all day and clear sunset. Children keeping St. Valentine's Day. – Began letter to Hilton

Wea. WEDNESDAY 15 Ther.

Mercury rising, sun shining, and snow thawing fast – Windows clear & frost – Prospects of more encouraging – Much suffering among the poor in N. Y. – during cold snap – John had good lesson Henry here at night – Finished letter to Hilton –

Ans. "Marion" ext.

Wea. THUR. FEB. 16, 1899 Ther.

Mild. Rained all forenoon. Snow going fast. Patches of brown earth appear & River not closed from the cold snap. Mr. Hyman sent coal today.

Picked my way down to Abby's for the air. Fowls stirring too after long retirement. Cold wave has been general, reaching Fla. —

Wea. FRIDAY 17 Ther.

Gray weather continues. The ground is a patchwork of snow and bare spots. — Answered Prof. Gordon's letter —

Very dull to be housed so long.

John had good work today.

Travel lively on county road. Some one sick at Mr. Chase's.

Wea. SAT. FEB. 18, 1899 Ther.

Another mollded day. Signs of rain. Wagons hurrying in and out of town on Saturday's errands but foot travel not popular. —

Slight rain later growing cooler at night-fl. —

Case of small-pox reported in News.

Wea. SUNDAY 19 Ther.

Clear and sharp. At church. Had a difficult walk the icy pavements being treasona-

Text: "The Desire of all nations shall come." Annie Condit invited me home to dine Declined. Dined at Abby's Henry off. —

Early bed-time —

2 P.M

Wea. MON. FEB. 20, 1899 Ther. 60°

Fine day. — Sent no washerwoman — Cornelia called in the forenoon. — Mud and a slight cold discouraged my intention of going out. Mr. Peers paid for me at Bld'g Ass'n. — Cornelia brought Moth a lovely pink hyacinth. Dr. Young sick again.

Wea. TUESDAY 21 Ther.

Warm, but threatening rain. — Tracked a washerwoman. — Down street forenoon. — Met Cornelia starting for Ironton. Walked with her down to the river. Some shore ice. — Called at Dr. Young's — Better. — Saw Mrs. Bagby in Ella's room — Looking feeble. — Dr. Young better.

Wea. WED. FEB. 22, 1899 Ther.

Somewhat colder. — John requested a holiday from lessons with the rest. Henry in bed with toothache. — Down street to see Miss Ella & order groceries. Very tired. —

Wea. THURSDAY 23 Ther.

Colder. — Trying to snow. — Trying play. Annie Callaghan and Mary Peers here P. M. — Henry went to school half-day. — swollen jaw. —

John calls a pine-apple an "apple-head".

Wea. FRI. FEB. 24, 1899 Ther. W

Snowed early last night, making bad streets. —
Abby and I called on Mrs. Haskell, having heard report of Frank's death. — Mistake it seems. — Home found Cornelia' There. Invited to tea at Mrs. Eadis. — Not able to go. —
Sore throat.

Wea. SATURDAY 25 Ther.

Prospect of rain. —
Not out Fanthus than Abbys. — Hilton down on the 7:45. —
Hard at work all day. Tired. —
Alice wrote to Abby that she will come back to work for her next Monday.

Wea. SUN. FEB. 26, 1899 Ther.

Rained last night.
Hillon and Mr. Paine represented the family at church.
Mother & I dined at Abby's. — Hillon returned on the 3:45. —
Dr. Young to see — another case of small pox in town.

Wea. MONDAY 27 Ther.

Clear day. —
Alice came on 5 o'clock A. C. & L.
Call from Anna Sugars and Josie.
Letter from Mr. Powell. — Freeze in Fla. not so disastrous to them as first appeared. —
Idaho crops will command higher prices

Wea. TUES. FEB. 28, 1899 Ther.

Frosty morning
Bright day. Bal-
-wickedly in afternoon
Louise & Hale
Condit called. —

Wea. WED. MARCH 1 Ther.

Cloudy. —
Slight showers
toward night. —
Comelius up.
Nanny at night.

Papers report
Rudyard Kipling
very low with
pneumonia.

Wea. THUR. MARCH 2, 1899 Ther.

Moderate.
Wrote to Mr Powell. Made that and other errands an excuse for walking to town. Could not learn Mr. P's address.
Bought Connor Jornal. Kipling Letter.
Home very tired
Dr. vaccinated Abby, Mr. Peers and Alice tonight.

Wea. FRIDAY 3 Ther.

Sick April. John and I took a jaunt to return books. All out at Cornelia's. Spent some time at Sallie Young's. Back there. Home tired.
Mailed letter to Mr. Powell. (Letter for Mother from Shapscott. Photographs for me of Will Flye and Louise out 2d or 3rd)

Wea. SAT. MARCH 4, 1899 Ther.

Cloudy with hard rain th' finish The day. Down street to order groceries in forenoon. Met Miss C. B. E. on 15th. Abby and John up, P. M. Henry to stay all night. No word from Hilton since his return to Huntington. —

Wea. SUNDAY 5 Ther.

Heavy wind all night. Rough edge to the air today. — Trying to Snow. — At church with Henry as escort. Text Matt. V. 41, — Good sermon. We dined with Abby "Mam" has three new kittens.

Wea. MON. MARCH 6, 1899 Ther.

Rather promising
& till toward noon.
Snow-storm set in
at about 1 P. M.
Alice washed for us.
Mr. Staab trimmed
the grape vines. I
went down to Bank
Rec'd $43.50 for my
stock. Called to-
Dr. Mix. Dr. ailing.
Called at Sallie's.
Sellin tonight from Aunt S.

Wea. TUESDAY 7 Ther.

a.M. +6

Light snow.
Snow gaining slightly
toward evening. Mr.
Pers somewhat ailing.
John having good lessons.
Travel to and from
the "suburbs" quite small.

Wea. WED. MARCH 8, 1899 Ther.

Chilly but thawing
at Post Office, A M
Ch. to 8 1 3 4 from
Bldg Assn. —
Wrote to Hilton
inclosing order
for five dollars. —
Abby up to
spend night. —
Colored man killed
by laundry boiler
yesterday. —

Wea. THURSDAY 9 Ther.

No sunshine today
Alice washed for
Abby. —
Walked over the
pasture hill this
afternoon. Plenty
of chickweed
showing green,
as well as
grass and un-
known weeds.
No arbutus. —

Wea. FRI. MARCH 10, 1899 Ther.

Spring-like.
Busy forenoon.
Down street
marketing afternoon
Mr Pecs and
John made bonfires
and pruned trees-
Hens laying.—
Frogs singing tonight.

Wea. SATURDAY 11 Ther.

A good out-door day
Mr. Pecs and Mr.
White improving the
appearance of the
yard. Henry cleaned
up around the back
door.— Mother
washed windows.—
I swept, etc.,—
John and I went
out in afternoon. Took
home magazines.—
Mrs Condit-called.

Wea. SUN. MARCH 12, 1899 Ther.

Bright - and windy - Not at church. At Abby's to dinner Mr. Peirs, Henry and Mary went to church, John to S. School

Wea. MONDAY 13 Ther.

Still moderate - Outdoor work going on. - A rainy day in - doors - Chellis in the afternoon Cornelius, Louise and Katherine C, Carrie + Mrs. Richardson - Belle Bagley came for a visit

Wea. TUES. MARCH 14, 1899 Ther.

Pleasant day. —
Walked down
street before dinner.
At Sullivans Josie,
and the girls. —
Belle having
headache. —
Letter from Hilton

Wea. WEDNESDAY 15 Ther.

Windy day. Belle
away till late
afternoon. I
was busy doing
problems for
Hilton after
Johnis lessons.

Wea. THUR. MARCH 16, 1899 Ther.

Sharp air but not so windy as yesterday. —
Belle and I called at Mr Condits in the afternoon —
Saw the family — Down street after wood. — Paid Diedrich's bill

Wea. FRIDAY 17 Ther.

Pleasant.
Swept etc. —
Mrs Foster and children called in afternoon —
Belle took supper at Abby's. —
A new cat has appeared without invitation. Disposed to stay.

Wea. SAT. MARCH 18, 1899 Ther.

rainy
Mild changeable
Hillon down on
7.40 shuttle. —
Tired —
Cordially glad
of bedtime —

Wea. SUNDAY 19 Ther.

Not at church.
We dined at-
home. —
Hillon left
on 3 — train
Has been
noticed for a
drawing to made
and is to
enter the
drafting class
as soon a vacancy
occurs.

Wea. MON. MARCH 20, 1899 Ther.

Fine day. —
Bill has gone
home. — Alice
washed. —
Letter from
Jennie Whalen. —
Her husband
has lost sight of
one eye, by an
accident —
Bill called in
afternoon.

Wea. TUESDAY 21 Ther.

Still pleasant. —
Fannie Bagley has
an afternoon. Had
an ill turn while
here, but was
able to go home
before quite dark.
Alice washed
for Abby
Rain aft- night

Wea. WED. MARCH 22, 1899 Ther.

Very Spring like
Down Street
early in afternoon
Annie Mary, & Alice
up at dinner in
tramp costume —
Rained in night.
Abby spent the
night with us.
Mary's subject for
Commencement is
"The Conqueror of the Ages."

Wea. THURSDAY 23 Ther.

Somewhat sharp
but pleasant. —
Telephone message
to spend the day
with Mrs. Dorchard,
her birthday —
Found her despite
storm better than I
dared hope in the fall.
Nellie spent part of
the day at Abby's —
Annie Geiger called
at Mrs Dalands
in afternoon

Mr Hendrickson cleared

Wea. FRI. MARCH 24, 1899 Ther.

Still pleasant.
Letter from Lutie
Powell. Much
delighted with
pioneer life in Fla.
— After dinner took
walk to Cornelia's, —
Found her alone —
Louise has a daughter
— "Martha Buckner", —
"Poverty Social" at
our church tonight

Wea. SATURDAY 25 Ther.

Good weather.
Busy forenoon
for Mother & me,
sweeping, cooking,
etc. — Not out
for a walk. —
The usual
cooking talk
for Mr. White's
callers.
Dogs every neighborly around Cols.
Shooters passing late.

Wea. SUN. MARCH 26, 1899 Ther.

Sharp air.
At church. Fine sermon on Matt. X. 39. — Walked home with Connelius. — Her foot being troublesome again. Mother & I dined at Abby's. —
We expected Dr. Young to tea, but he did not come. —
Retired before Eight. Mr Henderson treated.

Wea. MONDAY 27 Ther.

Mild, with some sunshine in afternoon.
Stir among the gardening population, and the mowing community. —
Bell Bagby and Conduit Young called in evening. —

Wea. TUES. MARCH 28, 1899 Ther.

Hard rain in night and rainy & colder today

Abby not up when John came to lessons.

Better at noon and up home to Canada with us at night.

Exercised myself by sweeping front porch many times.

Abby's two fine white ducks having lively times in the water

Wea. WEDNESDAY 29 Ther.

Snow fell in the night a skim only.

Somewhat windy today and colder than yesterday.

Kindling man came.

Abby at night.

Wea. THUR. MARCH 30, 1899 Ther.

Pleasant.

Abby and I went on errands down street in the forenoon. Home late to dinner all tired out. Comodien up for a long stay in the afternoon. Walked with her as far as Sallie Young's.

Wea. FRIDAY 31 Ther.

Gray, threatening rain. Down street early to Miss Lyons, Mrs. Neals etc. Met Andrew Russell at the store. — Thinks of bringing his family from Kansas. —

Mr Penn cleaning stable and making corsics. —

Letter from Helen McCoy told I'd left mist impund

Wea. SAT. APRIL 1, 1899 Ther.

Went from Aunt Abbie's

Henry Bodded in front of the house. Helen down early in afternoon, — Belle Bagby called afterward, Louise C. — Helen and I took long walk to Revival Elms. Less tired than usual afterward (at) Belle brought Mother a "pussy willow" Easter Card.

Wea. SUNDAY 2 Ther.

A bright Easter for Children finding rabbit eggs. Not many Spring togs displayed Henry and C followed the others to church. Good sermon from Job 14, 14 — Dined Sat-Afrs — Helen Robt Mr. Peck Mary, and the boys took a jaunt across the river. Dr. Young at night. Stirring dog called

Wea. MON. APRIL 3, 1899 Ther.

Rather chilly. Alice washed for us. Abby suffering from headache. Dolly here in afternoon but went home to bed. Henry here at night.

Wea. TUESDAY 4 Ther.

Raw air, and a long dreary day. Oh, for activity in something. Abby still ailing & and in bed. I have been down in the hope to see her eat something, but had nothing tempting to offer.

Henry at night. Mother having a stiff back

Wea. WED. APRIL 5, 1899 Ther.

Clear, sharp day. — Alice walked to Abby — Abby's headache passing off. — Mother went down to Rill this morning. — I walked to town forenoon and afternoon. — Abby up this afternoon. — Greens today. — Abby at night. — Growing chilly —

Wea. THURSDAY 6 Ther.

Chilly in from day to day, not Ickping things to grow. — Mother's back better. —

Wrote to Ida —

Wea. FRI. APRIL 7, 1899 Ther.

Still sharply cold, with little feeling of spring. I Began Letters to Aunt Selina and Aunt Abby

John finished Primer and donned suspenders

Wea. SATURDAY 8 Ther.

Steady rain.

Walked down to Dr Masterton's. Annie Callihan here in afternoon. Finished and mailed letters

Mr. Pierce had garden partly plowed this week.

Wea. SUN. APRIL 9, 1899 Ther.

Clear - rather windy
At Church. -
Communion -
Text, "There
they crucified him"
Fine sermon -
At Abby's to dinner
Seem to have
caught a cold
Retired very
early.

Wea. MONDAY 10 Ther.

Air still sharp
It cuts too sensibly
to invite outdoor
exercise -
Head still sore -
Johnnie wearing
"Class colors" now
Olive and gold. -
Abby has had a
rheumatic twinge
under left shoulder

Wea. TUES. APRIL 11, 1899 Ther.

Rather milder.
Abby still more
disabled with
her lame shoulder.
Dr. Young called in
to prescribe for
her. Mr. Peeks
cleaned up the
cellar under Moth-
er's room.

Wea. WEDNESDAY 12 Ther.

Soft, pleasant air.
Down to get pre-
scription filled for
Abby. Bitters and
anti kamnia.
Home with sore head.
Counting up for
awhile in afternoon

Wea. THUR. APRIL 13, 1899 Ther.

Decidedly warm
Fannie Bagby
spent the day -
Not sick this
time. —
Abby about
again, and
nearly over with
her pain -
Grass begins
to start in earnest

Wea. FRIDAY 14 Ther.

Cloudy, but warm -
A shower in
afternoon, after
which I walked
down street to
order groceries
Not very
steady of head
yet. —

Wea. SAT. APRIL 15, 1899 Ther.

A cooler day.
Mr. White sodded
by front steps —
A girl baby
at the Peebles'
"Martha Steele"
Myrtie Davis
ill with fever.

Wea. SUNDAY 16 Ther.

Sharp air
Mr. Conklin
at Presbytery,
and Mr Preach-
ing at our ch.
Dinner with
Abby. - Headache.
Abby at lunch
with us tonight

Wea. MON. APRIL 17, 1899 Ther.

Warm day.
Alice washed
Cornelia up in
afternoon. also
Annie & Mary.
Tired & grumpy.
I tried fresh air
for my head.
Went with Cornelia
to greenhouses
Charming pansies.

Wea. TUESDAY 18 Ther.

Warm again.
Gave John a
vacation for the
rest of the week
and walked out
again. To Carps
for pansies, - to
Joe's. - found her
sick in bed, but
cheery as usual.
Mr. Peers put up
screen doors for us
in afternoon

Wea. WED. APRIL 19, 1899 Ther.

A shower in the night
Warm bright day.
Head better at
last. Walked out
again. Post office
and grocers & Mrs.
Mitchell has moved.
Vacation at College
begins today. May to
go home with Annie.
Mr. White gone home
looking very happy.
Mailed letter to Lilia.

Wea. THURSDAY 20 Ther.

Henry with
us Thursday
night. Mother
not feeling well
all night, - so
next morning
(Fri) took a dose
of magnesia
with some effect.

Wea. FRI. APRIL 21, 1899 Ther.

Mother had a bad night with much restlessness and nausea, till about 3 o'clock when she was relieved by vomiting. And afterwards slept As much better this morning (Sat)

Wea. SATURDAY 22 Ther.

Very fine weather Fruit trees in full bloom. Mother feeling much more "fit." Everything is growing at a mad rate. Henry poisoned again with rake-Streets dusty. — Beech leaves unfolding slowly

Wea. SUN. APRIL 23, 1899 Ther.

Pleasant day. Out
to church going
from there to Abby's
Mother not strong
enough to go down
to dinner, so I
went alone.
Hilton not down
though expected
Miss Ella called
in afternoon.
Henry at night.

Wea. MONDAY 24 Ther

Slightly cooler,
and cloudy
with showers.
John and I
walked down
town and to Mr.
Capes for pansies
Too much trip
Cousin Callie called
in afternoon.
Mr. Arthur returned
Henry at night

Wea. TUES. APRIL 25, 1899 Ther.

"Quiet" have kittens

Fine rain last night - Things growing at an astonishing rate. Last Term at College began today - May and Annie returned at noon. Walked down town. Mrs. Roberts quite ill - reported paralysis - Postmaster absconded -

Wea. WEDNESDAY 26 Ther.

Weather continues fine Louise and Katherine Condit called P. M. - Odors of blooming trees are delicious - Beech trees are reaching full foliage Mr. Peers getting the garden in good shape. - People cleaning house Kits reduced from four to two

Wea. THUR. APRIL 27, 1899 Ther.

Heat increases suggesting cooler style of dress. —

Mrs. Haskell called in afternoon. —

Set out stand for flower boxes, and planted mignonette

Open windows and doors early and late.

White lilac in bloom

Wea. FRIDAY 28 Ther.

A shower this morning and slightly cloudy at times all day.

Pleasant air. —

Growing quite shady around us. —

Many reminders of a year ago. —

Walnut buds are swelling - other trees far ahead. —

Wea. SAT. APRIL 29, 1899 Ther.

Warm but pleasant
Abby and I went
up to Miss Huffman's
with sewing for
Mollie in morning
Hilton came down
bringing Ben King -
They wheeled
from Huntington
after supper
Late bedtime -

Wea. SUNDAY 30 Ther.

Temperature rising -
Mary, Nellie & Ben
attended church -
Dinner at Abby's.
Mary, Annie, Hilton & Ben
took 6 o'clock lunch
with us - Boys
went home after
C. E. service -
Lizzie Means in A.
with Charlie, who
has pneumonia.

Wea. MON. MAY 1, 1899 Ther.

Alice washed for us. Cloudy, — but hot.

I went up to Miss Julia's again about sewing. — Called at Cornelia's & Joe's on way up. — Cornelia & Dr. starting down to Bank. Joe on bed. Hannah Laid up with measles, — her third attack.

Planted nasturtiums.

Wea. TUESDAY 2 Ther.

Temperature continues to rise. — Swept and cleaned up.

Telephone message from Mrs. Hampton that Mrs. Ireland will spend tomorrow with us. —

Mignonette coming up well. —

Mr. Pierson on jury. —

This is Father's birthday.

Wea. WED. MAY 3, 1899 Ther.

Down street with John to get things for dinner. —
Mrs. Ireland came between ten and eleven —
Abby and John also dined with us.
All had pleasant day.
Mr. Hampton came to dine Mrs. Ireland home.
Locusts in bloom —
Holly intends to bloom.

Wea. THURSDAY 4 Ther.

Cloudy and slightly cooler. — Kittens opening eyes today.
Leaves of the walnut appear in straggling clusters. — Beeches out in full spread —
Abby had twenty ducklings.
Went with Abby Mary and John to play shoot in park —
Quite good, but the rain dampened us.

Wea. FRI. MAY 5, 1899 Ther.

Strange dim sort of day, and cooler. Moffitt ironed all forenoon. — Battles with lens inclined to sit. Mrs. Condit called in afternoon. — Mrs. Roberts not able to express herself yet — being paralyzed on right side.

Wea. SATURDAY 6 Ther.

Still cool and gray. —

Down street to bank and groceries in morning. —

Cylinder head blew off al-rod-mill. No one hurt.

Wea. SUN. MAY 7, 1899 Ther.

Pleasantly Cool,
Showery in afternoon
At church with
Abby and Mr. Peers.
At A's to dinner -
Dr. Young up to tea
Rebel Bray's
graduating essay.
Very good.
We planned to drive
to the cemetery but
showers prevented.

Wea. MONDAY 8 Ther.

Again cool and
showery through the
day - Belle Bagby
to spend the night -
Mrs. Frank Miller
called to inquire
about renting rooms -
Mother could not give
favorable answer. -
Mr. Peers at court. -
Mr. Gallup sent interest

Wea. TUES. MAY 9, 1899 Ther.

Continues cool-
Belle left soon
after breakfast.
John and I went
down street - John
took Mrs. Young the
yellow kitten. At-
Bank with Gallups ch. -
Robert in charge.
Abby found lice on
my pansies.

Wea. WEDNESDAY 10 Ther.

Daily attempts
at rain, alter-
nating with cool
whiffs - Lent my
clock when the
sun appears
after showers -

Letter from Ida. Some
slight prospect of coming

Wea. THUR. MAY 11, 1899 Ther.

Fine fresh day. Miss Ball and Fannie Bagby here in afternoon & Fannie to tea. John told them his papa is "counting" at C. —

Wea. FRIDAY 12 Ther.

Thunder shower in afternoon — A man struck by lightning up on Blanks on the water. Many spent the night Robert here in evening Continued showers. Down stuck early in morning while cool — Air heavy with pent up heat and moisture

Wea. SAT. MAY 13, 1899 Ther.

Decidedly cool. — More trips after provisions. — To feed ourselves is a task. Our two appetites would hardly = one of decent proportions. —

Henry at a picnic at Cliffside. Mr. White had a visitor from Portsmouth.

Wea. SUNDAY 14 Ther.

Clear and beautiful The first rose bud appeared. —

Attended Church with Abby — Sermon from Ps. 91, 4. —

At two, we drove up to the Cemetery. No gentler day was ever made — Mother helped by it.

Wea. MON. MAY 15, 1899 Ther.

Breezy, but
with more
heat than yes-
terday. Down
street and took
Fannie Bayley to
Carp's. — Abby
Mother Dobby & I
invited to Cornells
tomorrow

Wea. TUESDAY 16 Ther.

Quite like mid-
summer. Mr.
Hood drove us
down to Dr. M's
at 10.30. — We
spent a quiet
pleasant day,
and Mother
enjoyed it — and
was no worse for it.

Wea. WED. MAY 17, 1899 Ther.

Dry, windy, de
bildaling. Alice
washed for Abby.
We dropped
several heavy
articles & sweat
for comfort's sake
and still it's hot.
Nellie also prisoned
on shoulder quite badly.

Wea. THURSDAY 18 Ther.

Fresh, pleasant air.
Called at Mrs.
Calvin's in afternoon.
Dropped in at Cornelia's also.
Mrs. Roberts is
reported better.

Wea. FRI. MAY 19, 1899 Ther.

Quite chilled by going out too thinly clad. A fire needed in sour room in the afternoon, and much enjoyed. —

Strawberries are now plentiful

Cable from State College arrived at Cliffside today.

Wea. SATURDAY 20 Ther.

More genial air. Mr. Peters planted the calladiums

Henry much taken up with Cliffside affairs.

Wea. SUN. MAY 21, 1899 Ther.

Cool enough for heavy clothing.

Baccalaureate sermon to graduating class of High School preached at the Pres. Church by Rev. Cooke of Dunbow.

Dined at Abby's.

Annie Callihan there also.

Mr. Condit at Mayanille

Fires still appreciated

Wea. MONDAY 22 Ther.

Kept brisk fire all day.

Strawberries plentiful and cheap.

Abby and I took a walk in afternoon intending to call at Mrs Roberts' but rain overtook us and sent us home.

Wea. TUES. MAY 23, 1899 Ther.

Bright day, a treat after clouds yesterday. — Out in afternoon — Met Harry Beasley at Dr. Montmollin's. Mary, Annie and others at "Clyffeside".

Wea. WEDNESDAY 24 Ther.

Henry spent Tues. night with the Cadets — Ree and Clarence. — Were taken in out of the cold by Frank Shepard. Abby Lee tonight. Annie with Mary.

Wea. THUR. MAY 25, 1899 Ther.

Some of the young folks pic nicking this afternoon at Cliffside.

Cakes and row-boats very attractive.

Wea. FRIDAY 26 Ther.

Warm again.

Abby and family, with myself took steel-car ride up to camp in afternoon - Harry had taken dinner with us.

Pic nic pleasant grounds attractive

Wea. SAT. MAY 27, 1899 Ther.

Helen down in afternoon to stay over Decoration Day, I had two very hot walks for her, and called at Mr. Conklin's

Sham battle at Camp

Wea. SUNDAY 28 Ther.

Union Memorial service at M.E. Ch. — Not out. — At Abby's to dinner — Harry B. and Mr. Frazier were there to dine.

Wea. MON. MAY 29, 1899 Ther.

Quite warm and oppressive - Collapsed - Letter from Ida that she will try to come in a few days. - Letter also from Lucia C. - long delayed. Early bed time Tardy sleep.

Wea. TUESDAY 30 Ther.

Heavy showers. Wrote to Mrs C. - regarding Will's coming & me for a visit in Vacation. Alice helped me do some cleaning. - Better than yesterday. Strawberries in perfusion this week - Decoration Day.

Wea. SUN. JUNE 4, 1899 Ther.

Started to church but turned back when half way. Very hot day. Klinman at Affy's

Wea. MONDAY 5 Ther.

Hot and dry. Idon came at 1 or later, tired and warm but looking well-

Wea. TUES. JUNE 6, 1899 Ther.

Very hot-day.
A quiet time
to ourselves.
No calls

Wea. WEDNESDAY 7 Ther.

Wea. THUR. JUNE 8, 1899 Ther.

Heavy downpour about 10 a.m.
Cleared off, but still later
to help them - Bear -
Yesterday Hughes
Sabine Lincoln B
and Lightfoot Sun

Wea. FRIDAY 9 Ther.

Wea. SAT. JUNE 10, 1899 Ther.

Shall ill-ie
a season to
keep from
anger
waiting

Wea. SUNDAY 11 Ther.

Mr. + Mrs Campbell called

Cool day. Ida
and I went to the
M.E. church to hear
the Commencement
Sermon, preached
by Dr. Brown 7
Cin. — Dinner
at Abby's — Hilton
walked down to
breakfast. Had stolen
a march on us
by arriving at night

Wea. MON. JUNE 12, 1899 Ther.

Pleasant.
Contest for medals
at College Chapel
Good affair.
Esther Geiger
awarded 1st prize
Annie Calkins 2nd

Wea. TUESDAY 13 Ther.

Commencement.
Many the only
graduate. She
did herself
credit and
received many
nice tokens.

her. Wea. WED. JUNE 14, 1899 Ther.

Mr. White's mother and her friend called in forenoon and we kept them to dinner. Alumni reception in evening - Called at Mrs. Campbells on way.

her. Wea. THURSDAY 15 Ther.

Henry went home with Chester Callihan to make a visit - Alice went yesterday to spend two weeks or more at home.

Wea. FRI. JUNE 16, 1899 Ther.

Fresh and pleasant.
Wind came early
in afternoon.
Walked into
Ida's good graces
Plenty I fun
between Chemp.
and much con-
test over dishes
washing.

Wea. SATURDAY 17 Ther.

Fine day. In
afternoon I & Ida
and I called
at Mrs Biggs and
Mrs. Mat. Young's
Then went to
Cly Ffesides - Fine
music - Lon and
Mrs. Campbell
called in evening
Dr. Matt, Silas Manus -

Wea. SUN. JUNE 18, 1899 Ther.

Somewhat cool
so Ida and I
attended Pres. ch
Good sermon
on prayer for
others. Dinner
at Abby's - Ida
not feeling well
in afternoon -

Wea. MONDAY 19 Ther.

Spent evening
at Cornelia's
Joe there
also.
Many Peers
received wheel
from Helen McCoy
Is in a state of bliss

Wea. TUES. JUNE 20, 1899 Ther.

Growing hot again
at Cliffside
in afternoon.
Ida took us, and
Mother was carried
almost by assault=
Hot time - but
all ended well.

Wea. WEDNESDAY 21 Ther.

Ida is to take
Joe on a visit
to Sexington
next week.

Wea. THUR. JUNE 22, 1899 Ther.

Coming and going all the holidays - We did not leave our home for a return - but had company and sent - a piece of the pie

Wea. FRIDAY 23 Ther.

Holiday. Abby Ida and I were invited to spend evening at Sophy Sizers - Cornelia Joe, Sue Chambers and Mr. and Mrs Campbell there. Pleasant time

Wea. SAT. JUNE 24, 1899 Ther.

Showery.
At the
Colea after
tea. Called
first on Mrs
Sampton. A
pleasant time.
Came home
on last car.

Wea. SUNDAY 25 Ther.

Rainy in
forenoon.
Not at church.
Wal dined at
Mrs Peebles.
At his family
here to dinner.
Ida + Amy took
a walk to Brook
Grove. Dr Young.

her. Wea. MON. JUNE 26, 1899 Ther.

Clear and breezy - Had quiet time in forenoon while the packing went on - in the gaps of talk.
Ida and Joe left 1.20 I went round with Cousin & called on Mrs. Bayley

her. Wea. TUESDAY 27 Ther. ✓

Warmer - Busy at home - "Aunt Julie" washed and ironed. -
I wrote to Ida at Lexington. -
Retired early.
Standard Dictionary came. ✓

Wea. WED. JUNE 28, 1899 Ther.

Bright, cool day.
Not much
leisure for going
out in Fordnook,
however, and
the sun has
more fire in the
afternoon than
is desirable for
a long walk.

Wea. THURSDAY 29 Ther.

Mary is having
good times on
her wheel - Robt.
has a new one
and they take
rides together to
Denton, Carlsbad
and other places.

Wea. FRI. JUNE 30, 1899 Ther.

Letter from
Louise Bewley.

Wea. SAT. JULY 1 Ther.

Mornings quite cool.
Busy all forenoon.
Letter from Ida at Sep
She has found many
cousins and their
visit is affording
much pleasure to
herself and Joe.
Mary, Robt. & Harry C.
went on wheels out
to Annie Callahans
Louise C. called.
Lawn fete at church.

Wea. WED. JUNE 28, 1899 Ther.

Bright, cool day.
Not much
leisure for going
out in forenoon,
however, and
the sun has
more fire in the
afternoon than
is desirable for
a long walk.

Wea. THURSDAY 29 Ther.

Mary is having
good times on
her wheel - Robt.
has a new one
and they take
rides together to
Irvington, Catskill-on
and other places.

Wea. FRI. JUNE 30, 1899 Ther.

Letter from
Louise Bewley.

Wea. SAT. JULY 1 Ther.

Mornings quite cool.
Busy all forenoon.
Letter from Ida at Sep
She has found many
cousins and their
visit is affording
much pleasure to
herself and Joe.
Mary, Robt. & Harry C.
went on wheels out
to Annie Callihan's
Louise C. called.
Lawn fete at church.

Wea. SUN. JULY 2, 1899 Ther.

Growing hot. - Not at church. - Dinner at Abbys. - Fire alarm at next house, but no damage done.

Charlie Peebles here in afternoon and we kept him to lunch.

Hilton not down. Mother's bank statement rec'd. -

Dinner, 5 p/o This time.

Wea. MONDAY 3 Ther.

Rained gently from 5 a.m till noon.

Mr. Pers not well. John earning pennies for the Fourth. - Growing sultry in afternoon.

Looked for Hilton again in vain -

Retired early in anticipation of noisy times to usher in the Fourth.

Wea. TUES. JULY 4, 1899 Ther.

A close morning.
Annie C. - Mary,
Robt. Harry Chester
and Henry came
soon after 8 o'clock
John and Sam
C. saluting the day
with fire crackers.
Man shot between here
and Pollard by drunken
companion who escaped.
"Aunt Sally" washed -
Fireworks on hill -

Wea. WEDNESDAY 5 Ther.

Somewhat cooler. Annie
and Wirt sitting on the
ground all morning.
Then they and Mary
walked to town. The
C's returned in after-
noon, Henry going with
them to finish his visit. -
High wind after dinner
Raspberries taken gone.
Mary and Robert at a
picnic at Clyffeside
given by Mrs. Monte

Wea. THUR. JULY 6, 1899 Ther.

Rose late and had a busy morning. Ann getting Mother to use Fellows Hyp. She does it by skips.

Abby uses it also. Alice not heard from yet Mary has heard from Harry Bewley that he intends visiting us soon.

Wea. FRIDAY 7 Ther.

Slightly cooler. Down street to order groceries and call at dressmakers. Bought wrapper. Henry home from the Gallipans;- Homesick, walked Have written to Louise B. - Asked Harry to postpone visit

Wea. SAT. JULY 8, 1899 Ther.

Quite refreshing.
Busy in forenoon.
Hasty trip to
town in afternoon.
Hilon came
down on Bens
wheel.
This is Mother's
eighteenth birthday.
Gave her a book.

Wea. SUNDAY 9 Ther.

Cool and breezy
At church.
Communion.
Sermon on text
"Though he was
rich, yet for our
sakes he became
poor." Plainness
of address. Sick
in afternoon. Fire
Retired before dark

Wea. MON. JULY 10, 1899 Ther.

Stayed on bed all day on pal-by fine -
Wil has a "joke" to take Harry Means place while he visits at Waukesha.
Mrs. Callihan very ill from a fall or a stroke.

Wea. TUESDAY 11 Ther.

Set him clear out today - Can crawl around without pain.
Letter from Ida.
Henry, Richard, Harry and Sam went into camp quarters last night. Drill, this P.M.

Wea. WED. JULY 12, 1899 Ther.

Growing warmer.
Tolerably comfortable
now aside from lame
muscles inside. -
Wrote to Ida.
Mrs. Condit not well.
Sent at Esculapius.
Mr Callihan better
but can hardly recover.

Wea. THURSDAY 13 Ther.

Sultry and moist
Alice back at
Abby's. Came
last night, worked
today for Abby.

Wea. FRI. JULY 14, 1899 Ther.

Wea. SATURDAY 15 Ther.

Mr. Peers and John went out to Mr. Callihans to spend Sunday.

Had occasional clouds through the days.

Wea. SUN. JULY 16, 1899 Ther.

Steamy. Not at church
Rained at Abbys. Not
at Mrs. Cook. Means.
Small party of us
with John + Mr D. gone.
Signs of rain definitely
after dinner, continuing
till about five when
hard wind and rain
struck from N. W. doing
much damage to trees

Wea. MONDAY 17 Ther.

Clouds and showers
with hot sun between
Mr Peers and John
returned in afternoon
Mary and I down
street P. M.. Mail Proof
Hanson at Poage + Elliotts
Bought shoes at McClungs
Letter for Mother from Mrs
White and his mother.

Wea. TUES. JULY 18, 1899 Ther.

Pleasant fresh air.
Aunt Julie
washed and
ironed.

Wea. WEDNESDAY 19 Ther.

Warmer. Aunt
Julie finished
ironing in forenoon.
Mother, Abby, John
Mr Pears and I
drove "around the
world" - Home late
and quite tired
but Mother stood
it bravely.

Wea. THUR. JULY 20, 1899 Ther.

Tiresome day
Hard 4 rest
from yesterday
Settled from Hafey
Rowland accepting
invitation for 27th
Annie Callahan
spending the week
with Frances Peebles

Wea. FRIDAY 21 Ther.

Hilton's 22nd birthday
Very dry in
spite of thunder
showers.

Wea. SAT. JULY 22, 1899 Ther.

Clouds, but-
only sprinkling
now and then-
Frances, Mary,
Helen, Will and
all that crowd
went to Bellefonte
to picnic.- Started
in Shower at 5 o'clock

Wea. SUNDAY 23 Ther.

Night cool and
restful. The day
grew hot at about
ten. The picnic
returned late last
night. Had good time.
Not at church.
All dined at Abby's.

Wea. MON. JULY 24, 1899 Ther.

Very hot-day
Annie Callihan
spending a few
days with Mary.
Uncle Robert
better.
Letter from Ida

Wea. TUESDAY 25 Ther.

Heavy rain
in afternoon
Began letter
to Ida.

Wea. WED. JULY 26, 1899 Ther.

The week is holding out hot, with no relief after showers. Tomatoes plentiful and melons ripening, rather poor quality

Wea THURSDAY 27 Ther.

Pleasant day. Conclia left in afternoon - Harry Berlay came at 2.30.

Retired late.

Wea. FRI. JULY 28, 1899 Ther.

We are finding our work much heavier than when alone, but hold out in good condition.

Wea. SATURDAY 29 Ther.

Growing cooler
Busy day.
Louise and May Condit called after tea.
Mrs. Donald still unable to be on her feet.

Wea. SUN. JULY 30, 1899 Ther.

Cool, with light showers until near church time Not at church. Dinner with Abby. Dr. Young lunch tea. Jonas Norton and Hannah called in afternoon. — Hilton not down. —

Wea. MONDAY 31 Ther.

Still cool. Alice washed for us. Mrs. Fisher and Alice Schmidt called in afternoon. Mary, Harry and Wilfat Clyffe sudden in evening. News of daughter born to Nellie on July 1st

Wea. TUES. AUG. 1, 1899 Ther.

Cool morning but hot at noon & down street at 9 to Banks Mrs McG's and greeny. Called at Mr. Wis office also to ask about bank stock Alice ironed Letter from Ida She has been sick.

Wea. WEDNESDAY 2 Ther. 99

Hottest day so far. Mr. Rees Harry and Walt made cider in the forenoon. Harry played at Dr. W's, and then went to Trenton. Came home used up, but he and Walt went to Cyrus's at night Mr. Weis called Shower between 8 and 10

Wea. THUR. AUG. 3, 1899 Ther.

Again very hot. We cooked as little as possible. Mary, Frances, Myrtle, Robert, Harry B. & others had picnic in afternoon at Clyffeside. Abby up in evening.--

Mrs. Condit better

Wea. FRIDAY 4 Ther.

Mercury still towering in the nineties.-- Wint and Harry don't know what to do with themselves.--

Cornelia up in afternoon.

Boys at Clyffeside at night.

Wea. SAT. AUG. 5, 1899 Ther.

Cloudy, — the heat abating. — Down street early to pay bills and order groceries, etc. — Coming home, found Lottie Jones here. She looks very bright and well. Shower in afternoon. Hilton not down — Our little tortoise shell kitty missing this morning. A strange cat was around

Wea. SUNDAY 6 Ther.

Rain in the night and well toward noon. Dined at Abby's. The boys both with her. Pleasant in afternoon. Abby & John up that night for a call. Retired early after an oil bath. Kept blanket and sheet over us, not used much of late

Wea. MON. AUG. 7, 1899 Ther.

Fine cool morning.
Wint found kitty dead
in the coal house
and he, Mary & Harry
buried her in the garden
with a touching epitaph
Cornelia sent message
to go with her up town
to see her college
but the afternoon
grew too hot for me
Made crab-apple jelly

Wea. TUESDAY 8 Ther.

The morning misty
and cool till nearly ten.
then a warm day
set in, but not
trying heat.
Made jelly again.
Addie, Addie, Sonia and
the baby came up in
afternoon.
H. B. thinks a
longer stay would
be pleasant.

Wea. WED. AUG. 9, 1899 Ther.

Gray cool morning. Finished letter to Ida. Harry mailed it. Miss Bell up in forenoon. Abby kept her to dinner.

Harry inclines to accept suggestion that he stay till Saturday.

Wea. THURSDAY 10 Ther.

Threats of rain in early part of day, but fresh and pleasant afternoon. Will and Lothus made up a party to go in "band wagon around the world" H. B not included. —

A dirty shame! The party had a crush — also lost a wheel. Home at 1:30.

Wea. FRI. AUG. 11, 1899 Ther.

Still very pleasant
Busy days all
along - Many
Frances, Myrtie,
Hattie, Robt & H. B.
took an outing
& thin won &
Clyffeside. Tramp to dinner
Rain last night
& heavy thunder.

Wea. SATURDAY 12 Ther.

Warmer. Many ex-
pected arrivals to
come in from here -
Bad roads must
have prevented.
Harry left on
1:20 train - Walt
carried his valise
Mr Peers is at A.C.
and J. Store to fill
a vacancy.

Wea. SUN. AUG. 13, 1899 Ther.

Warm, with drifting waves of cloud and hints of cooling off. But it doesn't. All dined at Abby's. I had a sick night. Took Ida's little buttons for relief. Then slept. f.

Wea. MONDAY 14 Ther.

Pleasant. Chester C. came early to bring Henry Lodge & take many out. Better than before taking the buttons. Abby is using them also today. — Has a lame side. Aunt Jane washed for me.

Wea. TUES. AUG. 15, 1899 Ther.

Days continue very warm, but nights are better. Abby took a bad kink in her back and had to lie flat on the bed for some hours. Helped her all forenoon

Wea. WEDNESDAY 16 Ther.

Heat comes on at about ten A. M. every day. Not easy to go out during the latter part of the day. — Merchants' picnic at Cliff Haven today Miss Ball up. — I wrote note to Condit

Ther. Wea. THUR. AUG. 17, 1899 Ther.

Hot and dry.
Teams are passing
all these days
with road ticking
& dust follows thick
Aunt J washed for
Abby. Abby Letter
Henry exercising
with Shot-gun after
Sparrows & Chickens

Ther. Wea. FRIDAY 18 Ther.

Again sultry. Known
that early as possible
Home patched. Letter
from Harry B. - also one
for Abby from Mary.
Louise Condit called
in afternoon. Condie
came during her stay

Wea. SAT. AUG. 19, 1899 Ther.

Little change -
Everything dry
and scorched -
Robert went
out on his
wheel to Annies
Fine moonlight
nights - Nearly full.

Wea. SUNDAY 20 Ther.

Not at church
Too hot to go.
All dined at
Abby's. Henry
vanished -
Cyffside.
Miff

Wea. MON. AUG. 21, 1899 Ther.

Oppressively hot today
Signs of rain caused
disappointment.
Not very "fit" today
Letter from Hilton
answered - Rent
him $5. -
Went up to
his dinner. -
Full moon tonight

Wea. TUESDAY 22 Ther.

Heat continues.
Nights comfortable.
We sleep till
nearly 6. - Hard
to keep things
moving through
the hot daytime

Wea. WED. AUG. 23, 1899 Ther.

No abatement in the drought. All signs fail. The nights are warmer this week. Leaves are turning brown on the edges. The grass is scorched. Travel & teams stir up much dust

Wea. THURSDAY 24 Ther.

a little less hazy than yesterday. — Would like a walk. Wife sleeping — Lee nearly nurse every day. — Another youth finds a green lodging after late hours. — Wife dined at Mr. Stirlet's

Wea. FRI. AUG. 25, 1899 Ther.

Mackerel sky this morning, but no rain. Mother is canning Maiden's Blush apples. Abby making plum-and-apple butter.

Iron weed in decline. Agastum blooming in the orchard. Nellie browsing in garden.

Wea. SATURDAY 26 Ther.

Somewhat overcast all day, with intervals of hot sunshine. Miss Ball here. Took dinner. Tramps called also during forenoon. Lunched on steps. Clouds at nightfall with lightning. During night a little rain. Frances went to Annie's

Wea. SUN. AUG. 27, 1899 Ther.

Slightly cooler. Found
mold on my plate
this morning early
Raining that Will
worked spend the
night & today with
Charlie Peebles. -
- Did not attend church
- We dined at Abby's
- A disturbed sort
of night for
Mother and me,

Wea. MONDAY 28 Ther.

Refreshing dashes
of cloud through
the day - Aunt Judy
washed for us. I
Will Reed to dinner
Cap. Brewer came to mow
around the house.
Chester C. at Abby's. -
Joe & Hannah Called.
Saw a Katydid
on door screen -

Wea. TUES. AUG. 29, 1899 Ther.

Heat and dust 5. —
Aunt July moving. —
Harry C. and Seyfred
Hagen got Wm up
to ten o'clock breakfast
Mother & I finished
plum and apple butter
Polly very lazy.
Dan very thirsty.
Abby has slight cold.
Mr. P. at store this week

Wea. WEDNESDAY 30 Ther.

Comfortable day
with some clouds.
Made tomato butter
Will gone on ex. to
Cin. for the day. —
Hannah Norton up
for apples. Said
that her mother
would see a Dr.
about her heart
trouble. —

Wea. THUR. AUG. 31, 1899 Ther.

Very hot in the sun. Went down to get steak for dinner and roasted myself. Called at Mrs. J. Condit's coming home, found her not much improved. — Aunt J. washed for Abby. Says fresh bittenbite "on her stomach" Edulteralis

Wea. FRI. SEPT. 1 Ther.

Dolefully hot. Wehl dined at Tom's Hattie Jones came toward noon. — Miss Ball and her mother have moved this week into their unfinished cabin, without door or window sash. She came up town on Wed leaving her mother alone

Wea. SAT. SEPT. 2, 1899 Ther.

Still hot, but the breeze is pleasant. Soot is falling on the back porch.

Mr. Pearsand Henry gathered Meiden's Blush apples. Harry & Sam C. went on afternoon train no. 23 to Frankfort.

Out-al Denton No. 40 ran into 23. Both engineers killed. No passengers hurt.

Wea. SUNDAY 3 Ther.

Fiercely hot. Dined at Abby's. Henry & Robert went on their wheels out to Annie C's. started at 6 o'clock. "Mare's tails" all over the sky. Mercury at 87 late in afternoon. Miss Ella called before Epworth League. Some lightning in the south. No rain.

Wea. MON. SEPT. 4, 1899 Ther.

We rose early and got ahead of the heat a little - Henry home this morning - Mary & Frances could not come in today. -

Hot as ever - Henry gathered wild plums We are making them up. - Robert drove out this evening and brought Mary home

Wea. TUESDAY 5 Ther.

102°

Said to be the hottest day for two years. - The above figures are those of the weather observer at Hanging Rock - Sept. is steaming us well. The trees and shedding scorched leaves all over the place.

Will however play tennis in afternoon

Wea. WED. SEPT. 6, 1899 Ther.

Miss Ball at Abby's to dinner and here to call Rain came up - a good dual-layer.- First since Aug. 11th. Mother rec'd letter from Mr. White ... Comes Tuesday. The getting of meals is hot work this wet Nights warmer than through August.

Wea. THURSDAY 7 Ther.

Slightly cooler. Mrs. Jolly and Stella called in forenoon. Sent by Will for "Mr Fellows". - Get Milton to try it for better appetite. - Afternoon hot. Ashland Daily News says 102° at about 2 o'clock Night - rain with wind & lightning. - One gust fierce! -

Wea. FRI. SEPT. 8, 1899 Ther.

Cloudy morning.
Rose at 5:15 and
found one of the
Siberian crab apple
trees down and many
branches of walnut
scattered around.
Shower in afternoon
M. E. Church South
holding Conference
this week. Mother
had a letter this week
from Annie Abbie.

Wea. SATURDAY 9 Ther.

Quite cool. Refreshing
Down street forenoon
to get some litho ware,
provisions, etc. —
Mailed note to Mrs.
Gaylord about Miss Bell
Ned Poage surprised
us after dinner
having reached Ithaca
last night. —
Will Delaney at
C. by breakdown of con

Wea. SUN. SEPT. 10, 1899 Ther.

Delightful day
though warm at noon.
Dozed at Abby's.
Ned invited but
failed to come. Dr.
Young up to tea. —
Rob'l. and Mary
ensconced under
beech tree all the
afternoon, reading
and spatting and
eating apples.

Wea. MONDAY 11 Ther.

Again cool and
agreeable. Cleaned
Mr. White's room all
but the closet. Ned
up to find Will and
play tennis. P. M.
Miss Ball called
on her way to Mrs.
Gay[illegible] — Mother
gave her some clothes
for her b. in-law
Aunt J. washed.

Wea. TUES. SEPT. 12, 1899 Ther.

Charming, cool day
Finished Room V
Mr White came
early P. M. -
Cornelia up to pay
her interest. - A
pleasant call. -
Late bed time
Disturbed night
Hirt in late.

Wea. WEDNESDAY 13 Ther.

Bright, cool, breezy.
Busy forenoon - Miss
Ball called after dinner
for her chairs & Fannie
Bagby a little later.
I lighted a fire of
fallen wood in the
sitting room - The
College opens today
Annie at Mary's.
Ned, Will & others
drive up to a dance at
Hunt

Jessie called P. M.

Ther. Wea. THUR. SEPT. 14, 1899 Ther.

Still cooler. Had a fire in a/t forenoon & evening in Mother's room. Wilt delays his start to College. Mother not quite well for some days, but will not rest enough to suit the rest of us. Mrs Tom. Newman dead. Annie C. at Abby's to stay

Ther. Wea. FRIDAY 15 Ther.

Sharp & pleasant. Domestic for provisions this morning. Mother better. Mrs Roberts has had a second stroke. Wilt has his trunk packed. — Down street again P.M., to arrange about Miss B's donation. — Wilt went on midnight train.

Wea. SAT. SEPT. 16, 1899 Ther.

Warmer. - McClean sent the provisions to the Balis - Old lady much excited by the arrival. They will fare well for some weeks. Apples strew the ground. Mr Pierce has made one barrel of vinegar. apple butter next.

Wea. SUNDAY 17 Ther.

Again warm - Hilton down on No. 17 - Is well and contented - Ned dined with him at Abby's - We took dinner at home - Mrs. Newman turned from the house, 2:30

Jessie Culbertson P. M.

Ther. Wea. MON. SEPT. 18, 1899 Ther.

Hot, dusty day.
Mother not yet
in good shape, but
able to be down at
Abby's in afternoon,
helping Henry with
the apple butter.
Their lawn party
was over at dark
and Henry and John
carried home the chairs
by moonlight.

Ther. Wea. TUESDAY 19 Ther.

Awoke to the sound
of gentle rain.
Down town in the
pause from 9 to 12.
Saw Mrs McGarvey
about jacket, + tried
to find material, but
failed. More rain
Down to see Dr.
Young between
afternoon showers.
Get medicine
for Mother

Wea. WED. SEPT. 20, 1899 Ther.

Delightful day
dim and cool.
At Cornelias
in afternoon.
Jack there - better
Dr. looking
not so ill.
Letter from Ida
Mother better.

Wea. THURSDAY 21 Ther.

Bright & fresh
Busy forenoon.
Went after letter
in afternoon.
Mollie had letter
from Will - He
is homesick
for old Ashland
Mary & Robt. went
to Catlettsburg.

Jessie called P. M.

Wea. FRI. SEPT. 22, 1899 Ther.

Fire in grate every day. - Sun shines and air traces today. Miss Ball here. Full of woes. Mother went down to Abby's in afternoon. Seemed oppressed at night, but slept well. Began to Ida

Wea. SATURDAY 23 Ther.

Warner. Down for provisions in forenoon. - Aunt Judy scrubbed the kitchen & porches. Mr. Peers made cider. Mother continues to suffer, finding little relief from the remedies used.

Wea. SUN. SEPT. 24, 1899 Ther.

Not at church
Weather fine
but other
circumstances
not favorable.
Abby, Henry
& John in church
Perch in Mulberry
tree on hill in
afternoon, to read.

Wea. MONDAY 25 Ther.

Rainy day -
Aunt Cassia &
wash. Lint burnt
away again to
write for better
weather.
Took walk
to town.
Mother not
much better.

Wea. TUES. SEPT. 26, 1899 Ther.

Chilly & cloudy
Aunt J. washed
Mrs Condit took
Mrs Condit to
Cin. 4 See Leo
Johnson -
Mother had
considerable pain
during day - More
restful at night

Wea. WEDNESDAY 27 Ther.

Fresh fine day
Crab apples on
hand - Cousins
up in afternoon.
Brought roses.
Frank home
from N. News.

Wea. THUR. SEPT. 28, 1899 Ther.

Pleasant.—
Mary & Rob't
went to Dunlaps
on wheels.
Mother still
in unsatisfac-
tory condition
more so this evening

Wea. FRIDAY 29 Ther.

Fine day.
Invited to tea
at Mrs. Eads.
& Collins in
afternoon — Spring
& Kath — and
Miss Ball.
Belated and
weary, did not
go to tea

Wea. SAT. SEPT. 30, 1899 Ther.

Maggie Wallace here to help us for a while. Down Stuck for provisions - Ned Lane to tea - Jelly Lemon.

Wea. SUN. OCT. 1 Ther.

Grand snappy sharp day - Went to church Then dined at Abby's - Annie C. home home - Mother better today - Joe here in afternoon. 10 P. M. Mamma to tea

Wea. MON. OCT. 2, 1899 Ther.

Fine & fresh.
John and I
made trips
to carry crab
apples to Joe
Cornelius, &
Sallie.
Mother better.

Wea. TUESDAY 3 Ther.

Still clear &
fine - Aunt J.
washed for Libby
and Maggie
washed, windows
up stairs. I made
quince jelly
Maggie works
amazing by

Wea. WED. OCT. 4, 1899 Ther.

Warmer. Fine & fair
Joe up in morning
early - Miss Bate
dined at Abby's and
was here afterward
- a long call,
bewailing many
things - Poor soul.
Tried to finish letter
to Ida. Mrs Condit-Powne
Maggie cleaning Wits room

Wea. THURSDAY 5 Ther.

Again fine, with
sunshine to spare.
Down street for
steak for dinner - Met
Mrs. Eads on Corner.
Mrs. Scalin took Mother
Abby & me out to Mrs
Bates & to Bellefonte
Old Lady B. found
sweeping outside the
door. Appeared
pleased to behold
Miss B. away.

Wea. FRI. OCT. 6, 1899 Ther.

Warm at noon.
Maggie flying around
making things & pies
Sorted crab apples
and filled baskets
for Neighbors.
Lily Campbell
up early in Morn.
Down town in after-
noon. Mother at Abby's
Mrs. Eads called.
Walnuts pelting down

Wea. SATURDAY 7 Ther.

Breezy and Gracing.
Sorted all things and
did odd turns.
Maggie on wings
doing wonders.
Miss Ball here to
dinner; not so
useful as before.
Mother better. Is
using 2nd bottle of
Swamp's root
Down street P. M.
Hilton not coming

Wea. SUN. OCT. 8, 1899 Ther.

Slight rain coming and going all day.
At Church. Communion. — Mr. Stimmen buried this afternoon.
Text. This morning, "The Lord knoweth them that are His."
Abby John & I walked in afternoon. Dogwood foliage a soft red. Culbertson dogs saluted us

Wea. MONDAY 9 Ther.

Threatening in morning but pleasant afternoon. Made jelly and put in the dairy as usual. Finished letter to Ida in afternoon, and Abby & I walked to post office at 4.30. — Dr. Young and Cato came part-way, hunting the cows. Annie & Mary climbed the hill, & brought forest boughs home. Many up later.

Wea. TUES. OCT. 10, 1899 Ther.

Fine pleasant day. Maggie washed - Ned & Henry took a tramp after chestnuts - No returns - They dined here, then went to Cliffside for foot ball. - I went to meat shop, etc before dinner - Leaves are tumbling over everything Began three letters. - Abby John & I went down to A.C. & L. office for interest on note Maggie concluded to quit

Wea. WEDNESDAY 11 Ther.

A yellow day in the light through the turning trees - Clouds gathering for rain - Ned came up to spend some days. Maggie came to work, then departed. - Down street for provisions in forenoon Showery after nightfall At Bank with check during morning trip.

Ther. Wea. THUR. OCT. 12, 1899 Ther.

Warmer. Out in forenoon provisioning - Wrote to Lecia, Mrs. White mailed letter. Mary, Annie, & Robert up in afternoon. - R. played "The man with the" rake among the scattered walnuts. Ned attended "barn raising" at night -

Ther. Wea. FRIDAY 13 Ther.

Really warm. Went with Mary to town in morning - Crape on door of Mrs. Callihan's millinery. - Her husband found dead in bed this morning - Wrote to Sallie Powell

Wea. SAT. OCT. 14, 1899 Ther.

Warm, pleasant. —
Busy forenoon. —
Dad's birthday. —
Mrs. Campbell here
in afternoon; brought
Mother a pot of
parsley. Ned for
football game —
Ashland beat Ironton.
Ned rather stiff and
sore. Witch Hazel.
Hilton did not come

Wea. SUNDAY 15 Ther.

Bright day. Ab-chuck
Mary and Annie up
to help with dishes
to speed the event.
Asked Lon to
dinner, but she
declined. —
Henry failed too
People driving in
afternoon. —
Mr. Callihan buried

Ther.

Wea. MON. OCT. 16, 1899 Ther.

Warmer. Mary helped Mother chop the partnership pickles. I tackled the onions. In afternoon Mr. Peers, Abby, Mother, John & I drove out to Summit and home by Pike. Passed the Ball's way. Home just about supper time. Tired - disturbed night

Ther.

Wea. TUESDAY 17 Ther.

Cloudy morning with showers later. Abby and I called at Mrs. Condits. - Mrs. Ford had taken her bed with headache. Home in gentle rain. Annie C. and Mary at tea with us. - Later bed time than usual.

Wea. WED. OCT. 18, 1899 Ther.

Slightly cooler but warm for the season. Made crab apple jelly in forenoon. —

Ned went back to his grandma's in afternoon. —

Ladies falling in torrents this week.

Wea. THURSDAY 19 Ther.

Heavy fog this morning. Made jelly again. Went down to get meat for dinner.

Down to Joe's this afternoon & Mrs. Weis. — Mr Norton lame from rheumatism in the feet. Mr. Peers & Henry painting for Mrs. Bo

Ther. Wea. FRI. OCT. 20, 1899 Ther.

Outdoors warmer than indoors.
Fire in sitting room for called but none came.
Leaves lie in profusion all over the place

Ther. Wea. SATURDAY 21 Ther.

Cool and breezy.
The house scented with pickles.
Mrs Ford & Louise C. called in afternoon. Abby, Mary, Annie, Robbie, Etta, Kate and John lunched on Chaise hill

Wea. SUN. OCT. 22, 1899 Ther.

Fine day.
Attended church.
Mother and I
walked out in
afternoon a bit.
Met Mrs. Norton
+ Hannah. They
came in for a
call. Dr. Young
here to tea.
Scent of burning leaves

Wea. MONDAY 23 Ther.

Warmer - Aunt
Julie washed.
Med up in afternoon.
Gathered the
fallen wild
crab apples in
readiness for
some jelly. Tired

Wea. TUES. OCT. 24, 1899 Ther.

Still and warm
made jelly
Mother, Abby
and 2 went in
Mrs Hood's new
coach to call
on Mrs Page +
the Eads.
Mr. P. Stubbs
Miss Ball to dine.

Wea. WEDNESDAY 25 Ther.

Very warm for the
season + quite dusty
Got money from Bank
and paid taxes
City tax too high
ought to be looked
into. Mr Pecos at
work for Mrs Bagby.
His assistant
a missing quantity

Wea. THUR. OCT. 26, 1899 Ther. W

We took advantage of the fine weather to go in Mr. Hood's hack to call on Mrs. Weis and Sallie Young.

Pleasant, except for escorting Mr. Dan Canninicus home from Central Ave. Paid McCleary's bill - Henry started to public school.

Wea. FRIDAY 27 Ther.

Pleasant dismal sort of day.

At Confelias in morning - Also paid Hudnuts bill. Cornelia up in afternoon - Also Mr. Weis to interview Mother about taxes.

Wea. SAT. OCT. 28, 1899 Ther.

Pleasant, but too warm for easy working. Got very tired and had a sick headache two at bedtime.

Blackbirds convene in the beeches these days.

Wea. SUNDAY 29 Ther.

Rather bleak day, - no sunshine, some sprinkling, chilly air. - Birthday - Hilton down, afot Ned here to dine with him. Hilton left between 3 and 4 & Dr. Young at Abbys to tea - Henry "awf" No one at church today except Hilton.

Wea. MON. OCT. 30, 1899 Ther.

Cool enough for a wrap. Gov. Bradley here orating to the Republicans and the community at large in a big tent. Huge crowd. Blown town twice. The last time had Mr. Condit as guard. Miss Ball here to dinner.

Wea. TUESDAY 31 Ther.

Raw and raining. Mother pickling the last tomatoes. Many here in afternoon. Polly fat and full of frisketiness. "Rough Riders" seeming to be on a charge at night. Hallowe'en pranks going on. Chilly evening. Aunt Julia Marshall

Ther. Wea. WED. NOV. 1, 1899 Ther.

A fine day.
Baby forenoon.
Aby and Mrs.
Richardson went
in afternoon to see
Mr. Starlin about the
Balls - Order for 2
groceries at Hutton's.
Mother having
a lame back. -
Mr. Mrs. & Miss Hamp
called at 5:30.

her. Wea. THURSDAY 2 Ther.

All Souls Day.
Grey and bleak -
The pleasant going
by to Cemetery
in afternoon. -
London street for
groceries, to Baker's
Dress makers, &c,
in forenoon. - A
little lame from a
wrench on shin. -
Cornelia in afternoon.
Also Miss Bald. Showery.

Wea. FRI. NOV. 3, 1899 Ther.

Raw, with spits of sleet and a threat of snow.

Down street on errands in afternoon in a flapping mind.

Henry to tea.

Began letter to Aunt Selina.

Letter from Hilton

Wea. SATURDAY 4 Ther.

Chilly. Indoors all day. Wrote more to Aunt S.

Abby, John and the tabby calling up after dark.

H. missing.

Disturbed with notions.

Slept at last.

Wea. SUN. NOV. 5, 1899 Ther.

First heavy white frost of the fall lying white on the ground this morning. — Not at church today.

Many reports seeing Miss Page at church.

Sore throat.

Henry home at night

Wea. MONDAY 6 Ther.

Heavy fog till late in forenoon. Indoors with cold. Dismal.

Ned came up at supper time. Henry spent night with him. Many up in evening.

Sent letter to Aunt Selina.

Wea. TUES. NOV. 7, 1899 Ther.

Another fog.—
Cold having its
own way with
my head. Miss
Peters & Louise C.
made long call
in afternoon.
Election day.
Ned out half fo
returns. Henry here—
Mr. White gets soon-

Wea. WEDNESDAY 8 Ther.

Less fog, and a
soft air in after-
noon. Cold less
annoying.— Mr.
Pecks employed for
some days at Mr.
Henderson's.—
Case of truancy
against—
Taylor, Rep. is
elected Governor.
Ned not out tonight

Wea. THUR. NOV. 9, 1899 Ther.

Bright mild day:
Ned indoors
for part of day and
very jolly with
Mother & The
small cats very
neighborly callers.
Cold rather bitter
Hs not returned.
John contemplates
investing 50 in a pony.

Wea. FRIDAY 10 Ther.

Fine weather today.
Jo up at 7 o'clock
for a morning call.
Ned in bed all
forenoon, after last
night's carouse,
and a trip to and
from Catlettsburg.
Abby had a letter from
Anna Pecus stating that
Henry is there with
a companion.
Answered Nita's letter.

Wea. SAT. NOV. 11, 1899 Ther.

The mornings have a raw chilly mist, but the afternoons are pleasant.

Mr. White started out at bachelor housekeeping this afternoon, he & Mr. Shonkweiler. —

An ill-advised hen came to view with a brood of young chicks yesterday. Mr. P. has put them in a snug coop.

Wea. SUNDAY 12 Ther.

The same clinging dampness in the air until well along in the forenoon. Not at church — but heard since that Mr. Condit has grippe. So we had no services. Ned & Mother having their turn with colds, also Mr. Sears.

Ate soup at Abbjo. Anna C. Spending Sunday at home.

Sent letter

Wea. MON. NOV. 13, 1899 Ther.

Day set by the alarmists for Biela's comet to smash old Earth.

A dense fog enhanced in the fated morning, but at nine the sun came sparkling out, and no smash ohme! Miss Ball appeared to, soon after dinner & stayed two hours - Ned went home & sent overcoats to office, etc. - Many at night-

Wea. TUESDAY 14 Ther.

Soft air - Down street Mail note to Hilton enclosing one to J. A Butler

Mrs Richardson called at Abby's yesterday with information that Clarence is with Henry. Mr P. thinks I going down, is waiting for a pass.

Both parties still claiming the governor.

Meteors announced for tonight: A. and M. here

Wea. WED. NOV. 15, 1899 Ther.

Very gray all day. No meteoric display last night. Set for tonight. - A very lonely bovine lies sadly tuneful over at Mr. Chase's all three days. - Mr. P. is at company store today. Annie and Mary having night-watch again, with minding at lunch - (no meteors.)

Wea. THURSDAY 16 Ther.

Charming day, especially the afternoon. Down town forenoon and afternoon - post office, dress-m Reis' etc. - At Comleys in afternoon. Expected Fern to walk with me, but was disappointed.

Mother made mango pickles for Mr. Condit. Mary here at night.

Wea. FRI. NOV. 17, 1899 Ther.

Another fine day.
Mr. Peebs and John started early in afternoon for Marysville.
Down again in afternoon to Cornelias, but could not get in. —
Then to Sallie's. Made rather long call.
Mother and I spent night at Abby's; slept in big feather-bed.

Wea. SATURDAY 18 Ther.

Soft, mild, rather gloomy weather today.
Breakfast at Abbys, then morning round at home.
Down street afternoon to order things. —
At Abby's to sleep;
Mr. White called late in afternoon.
Is doing well.
Letter from Harry to Mother.

Wea. SUN. NOV. 19, 1899 Ther.

Somewhat rainy- Not at church. Dinner at Abby's- Robert there also.

Mr. Pierce returned on 4 o'clock train with Henry & Clarence both very glad to get home.

Disturbed night- Fed Mollie & me after coffee for dinner.

Wea. MONDAY 20 Ther.

Dense fog till ten o'clock. Aunt J. came to wash but finding rain went away again.

Bright afternoon. Stayed in and took some tablets to rout my cold.

Mr. Conduit gave us a long & pleasant call- H. an absentee all day.

Ther. Wea. TUES. NOV. 21, 1899 Ther.

Wall of fog till ten or three o'clock. And I washed for us. Mr. Peers escorted the tourist back to school. John is our coal boy. Does well, and pleases large ways to spend this weekly .25.

Abby and I took street car ride to Catletts burg. Rain caught us, but no harm done.

Ther. Wea. WEDNESDAY 22 Ther.

Rainy. An indoors day. Repaired and cleaned a waist. Read a little. Aunt Julia and a white girl with her to dinner. H. home at 6 P.M. night. Warm and a disturbing sounds, cats, etc.

Vice Pres. dead

Wea. THUR. NOV. 23, 1899 Ther.

Cloudy -- Dr. Moore summoned by dispatch to Mt. Sterling for Kelly, who, with Heiny arrived there on their way to Florida! --

Called at Mrs. Haskell's in afternoon Mrs. Williams received me, Mrs. H. being in bed - Rather I her injuries -- Rain caught me

Wea. FRIDAY 24 Ther.

Fine day, rather cooler. Dr. Moore home without Henry. Anxious hours to pass till H. is found. Camilla called at my forenoon -- Abby up to propose coming in to occupy part of house. The plan seems to have Mother's approval as well as mine.

Wea. SAT. NOV. 25, 1899 Ther.

Almost cold, with sharp winds. John and I out in forenoon to carry home Mrs. Conditt's pickles. Paid Diedrich's bill.

All worried about Henry, but can do nothing.

Mr. Peers having work at Company Store for awhile.

Wea. SUNDAY 26 Ther.

Again cold. Alone at Church. Dined at Abby's.

Dr. Young up to tea. Mary and Robert after church and Mary for all night.

Wea. MON. NOV. 27, 1899 Ther.

No news of Henry and all sick with anxiety about him.

Wea. TUESDAY 28 Ther.

Rather chilly. Josie Norton up in forenoon. Friends all much exercised about Henry. Mr. Meis offers to write to Judge Appenzellar at Mt. Sterling. -- Cornelia up to dinner and down to A.C.& I. office afternoon, with Mr. Long. Sit there, waiting for Mr. Peebles. Fred called.

Wea. WED. NOV. 29, 1899 Ther.

Mild. Down at Bank and for groceries.
Annie Callihan went home to spend Thanksgiving. We slept down at Abby's. Hillon down at night. slept up here by himself.

Wea. THURSDAY 30 Ther.

Thanksgiving. Ben King all Abby's to dinner with Hillon and the boys left together aft 2 P.M.
Louise Condit up to invite Mother, Abby and myself to dinner tomorrow in honor of her mother's birthday.
Spent night at Abbys. Good sleep.

Wea. FRI. DEC. 1, 1899 Ther.

Somewhat rainy but as Mr. Hood called for us with hack we went to Mrs. Condit's with perfect ease. 7 in dinner. Pleasant day. - Hattie Jones dropped in to spend night - Henry came home at 6 P.M. to

Wea. SATURDAY 2 Ther.

Somewhat windy and rough - Busy all forenoon - Called at Mrs. Condit's before dinner to tell them of Henry's return. Quite lazy in afternoon. Moving goods on more bristles since Henry's return. All glad he is here

Ther. Wea. SUN. DEC. 3, 1899 Ther.

Rather threatening and chilly -- Went to Church with Mary. Dined at Abby's. Mr. Peers not very well.

Some rain in afternoon, and a show of snow.

Good Sermon. Text: "I have called thee by my name; thou art mine"

Ther. Wea. MONDAY 4 Ther.

Flurries of snow. —

Moving going on quite briskly. with Mr. Peers and Henry to push things.

Washed china and arranged the cabinet. Fires and open doors at strife. —

Annie and Mary at night. ——

Mailing down in back Chamber.

Wea. TUES. DEC. 5, 1899 Ther.

Chilly day - Mr. Brewer whitewashed basement. Mollie and I moved upstairs into front room. Abby into Mother's old quarters. Robt. up. Left his overcoat. Last dining at Abby's. First supper under new dispensation and first night all together up here.

Wea. WEDNESDAY 6 Ther.

Raw air and cloudy sky. — Things assume shape slowly indoors, and decks & other fowls are being redestablished in their outdoor quarters. One knight of the long spurs goes to the pot.

Wea. THUR. DEC. 7, 1899 Ther.

Bright day. The plants in window enjoying the sun. Found delay in arrangements on account of want of a hand to scrub, etc., - but all doing our part. Girls doing X mas fancy work.

Wea. FRIDAY 8 Ther.

Quite pleasant. Mary and I down town in forenoon. Aunt Julia scrubbed the basement vigorously. Mr. Rees has a trying cough, but the weather is not severe enough to hinder operations in any way. Abby made mince pies

Wea. SAT. DEC. 9, 1899 Ther.

Rather mild and fires left to doze while we are away. — Put sitting room in order in forenoon. — Afternoon, busy at upstairs' work. — Rotten apple doughnuts. Mary & Annie visited Nellie Richardson in afternoon

Wea. SUNDAY 10 Ther.

Gray sky. Looks like rain. Not at Church. Limping with a corn. H. non est inventus after breakfast. — Robt in afternoon. John & his papa walked out to Brewers.

H. home at bed time

Wea. MON. DEC. 11, 1899 Ther.

Moved into the basement for kitchen and dining room. - Annie at Calkettsburg copying in clerk's office. -

Dr. Young came up to set piano. In afternoon also to bring Abby a basket of potatoes. - Abby made him stay to supper, Piano no use.

Wea. TUESDAY 12 Ther.

A little change. Mary went with Annie to C. - In morning cleaned up for her. - In afternoon called at Conklin's & went to ask Mr. Martin about disposal of piano. - Miss Ball to dinner. Dr M. not well. - Office Chimes

Wea. WED. DEC. 13, 1899 Ther.

Threats of snow come
and go this week.
Down at Mrs.
Moats in forenoon to
get X mob things.
Bought chimney.
Louise C. called in
afternoon. Much dis-
turbed about V.P's
"interest in" magnetic heal

Wea. THURSDAY 14 Ther.

Had a fracas with the
sooty chimney.
Went down to Mrs
Moats' again. Ex-
changed some things
Caught in rain
Stopped at Comelias'
Got cloak for Miss B.
Mopy in afternoon

Wea. FRI. DEC. 15, 1899 Ther.

Yesterday's heavy rain raised the cistern. Sharp air today - Sight of snow. Miss Wall here. Went away very fine in Cornelia's old astrakhan.

Criss-cross night (Note from Hilton)

Wea. SATURDAY 16 Ther.

Rather gray day, but more second aspect in other directions. The children out to buy things in forenoon - Myself also went around & home and in afternoon called on Mrs. Hugh Means

Sent letter & ch. to Hilton

Wea. SUN. DEC. 17, 1899 Ther.

Rather chilly
Attended church
Cornelia dat-by
me and fell
asleep more than
once. Poor soul
she sleeps little
enough at night
Nell's boss came,
a pretty cow-calf.

Wea. MONDAY 18 Ther.

Soft day. Out
in afternoon with
out rubbers or
heavy wraps.
Got books for V. Pay
Mr. P. had letter
from Hillin regarding
vacancy at
Prindle's / Ben
entered machine shops.

Wea. TUES. DEC. 19, 1899 Ther.

Rain during the night, continuing through forenoon.
Mr Peers went up to Huntington.—
Busy over Hilton problems.

Wea. WEDNESDAY 20 Ther.

Chilly, with some snow.
Adelaide M. called in afternoon.
Down street later.
Concha not very well. Dr. quite out of sorts.

Wea. THUR. DEC. 21, 1899 Ther.

Warmer - Down
Street with Cornelia
in afternoon. —
Stores crowded,
and everybody
moving. — Finished
Red book for Mr. White
News this week of
Mr Phillips' death

Wea. FRIDAY 22 Ther.

Chilly but pleasant
Out on errands,
Miss Race up.
Mr. White called
later. Arrange-
ment - Lorna at
noon with her
father. Sent
small gift to Mrs
Hamilton by Mary
Robert - in evening

Ther. Wea. SAT. DEC. 23, 1899 Ther.

Caught in Lond rain while out to look for suit- for Henry. - No fit- anywhere in town. - Met Miss E.B.E. in alone on day second trip. Home cold - early bedtime.

Ther. Wea. SUNDAY 24 Ther.

Rather rough. Attended Chas Mill Hilton who married before breakfast - Small Congregation - No organist, Son being detained by his father's serious illness - Moody dead. Parcel from H. Bentley

Death of Mr & Mrs Ford & Companion

Always 15th birthday

Wea. MON. DEC. 25, 1899 Ther.

Snow for a surprise.
Children ecstatic.
Some sunshine later.
Robert dined with us.
Ned called in afternoon.
His grandfather better.
Several nice presents
from Nellie and
other friends. Sonia C.
and Thos. Norton
called in afternoon.
Hilton went back.

Wea. TUESDAY 26 Ther.

Still colder. Down
on errands early.
Mail package from
Ida. — Sharp
wind piercing one
through. — Mel Mr.
Conduit. — Brought
home glasses for Mother.
One pair fitted well.
Bella Bagley called in
late afternoon.

Wea. WED. DEC. 27, 1899 Ther.

Snowing all day and quite cold, but still.
Down with candy offerings to the Young's & Montmollins.
To Pollock's to pay for Mothers glasses. Paid bill at Mc Clang's. Met Hattie Jones on street.
Home quite draggled.
Sat round fire most of the afternoon. Swept Henry's room.

Wea. THURSDAY 28 Ther.

Snow on ground and sun shining merely
Children roasting.
Henry away skating
Cleaned up. Some Christmas letters.
Mr. Peers came home from the store sick, applied mustard plaster to chest and went to bed.
John has a pair of skates
the gift of Hannah Mullen

Wea. FRI. DEC. 29, 1899 Ther.

Sharp cold. Snow still covers the ground well.
Sent picture to Mrs. Moat to express to Ida.
Miss Bacon here. stayed to dinner. Mrs wber. Mailed letter to Madge Schuller.
Cold walk in the late afternoon.
Mr. Pecks still ailing but better.

Wea. SATURDAY 30 Ther.

Colder still.
Cleaned up & wrote to Ida. Many out on ice with John, who takes to the skates as a fish to water.
The older part of us sat close to the fire today. Mr. Peck however went to the store. Came home late, almost used up.

Wea. SUN. DEC. 31, 1899 Ther.

Coldest night, but brilliant sunshine through the day. The last of the year and of the Century.—

Household delayed breakfasting at 8.—

No one at church.

Finished letter to Ida and gave it to Robert to mail.

NOTES FOR 1900

Keep new diary in ink and with regularity.

Answer my letters promptly.

Make no bills.

"Mind is the first and last reality, — the fact of life!"

"Something infinitely more precious in life than social ease or worldly success — nobleness of soul, fidelity to truth and honor, love and loyalty, strength and tenderness, and trust to the very end: — the very best in life".

Secret of Hamlet.

Man is at present a self-discordant being. Man still retains in him elements of an untamed nature", moods of tiger or of ape".

"Man as yet is being made, and ere the crowning age of ages, shall not age on age thereon pass and touch him into shape?"

Man's mission in life is to set himself right, to follow the spirit and be led into harmony with himself and his environment.

"Content thyself to
be obscurely good.
When vice prevails
and impious men
bear sway,
The post of honor is
a private station."
(Addison's Cato)

"'Tis not in mortals
to command Success,
But we'll do more
Sempronius; we'll
deserve it."
(Addison's Cato)

MEMORANDA

Mr. White -

Paid - Sept 20

" " 28

" Oct 5

" " 11

" " 18

" " 25

" Nov. 2

" " 8

MEMORANDA

"Not a flower of field or garden
Roadside path or pasture knoll,
But has shared life's consecrations
Gained a record and a soul."

Olive E. Dana

in

Portland Transcript

Memoranda

Date		Dolls.	Cts.

MEMORANDA

s.	Cts.	Date	Dolls.	Cts.

Anagrams -

"A lead sir" Disraeli

"A great help" Telegraph

"Get on, cheering angel" Florence Nightingale

"A great master" James Stuart

"Eldorado" Aphrodite

Notes and Bills

Date	Drawers	Time

Blank Page(s)

Cash Account—January

Date		Received	Paid
2	Groceries		79
"	Hilton		50
3	Eggs		40
4	Bank Div.	10 20	
"	Milk can		20
"	Diary		65
"	Diedrich		6 85
5	Abby		75
6	Apples		60
7	Mrs		40
9	Mrs Price		40
"	Mr. Pecks		75
11	Abby		25
14	Mr Hodge		25
"	Cornelia	1 25	
15	John		05
17	Oranges		30
"	Crackers		25
"	Fig Syrup		50
19	Chamomile		10
"	To John		05
20	Land		1 05
21	Groceries		77
20	Stationery etc		75
21	Eggs 20 Pkg. 25		45
	Mant		10

Cash Account—January

d	Date		Received	Paid
79	23	Mr. Penn & Bank	25 00	50
50	"	Mrs. Price		50
40	"	Com sifter		15
	"	Bldg Ass'n	20,00	5 00
20	24	Baby		25
65	25	"		2 00
85	26	Butter, etc		85
75	27	Cocoa "		55
60	26	McC'n bill		2 77
40	25	Rent		5 00
40	28	Miss. Boc.		1 00
75				
25	"	Meat		30
25	30	Mr. Weis &	10 00	
	"	Ch. dues		4 75
05	"	Henry		10
30	26	Postage &		
25		Postage and regist. 08		10
00				
10				
05				
05				
77				
75				
65				
10				

Cash Account—February

Date		Received	Paid
1	Mary.		.75
2	Groceries		1 15
"	Lamp		1 75
"	Changing Ring		25
3	Cream Tartar		25
"	Butter		20
"	Crackers		15
	Lemons & gelatine		20
4	Abby Sh'k		25.00
	Bananas		30
"	News		10
"	Mumsey's		10
"	Bread		25
"	Gin. Post		25
6	Mr. Pears		20
8	Sausage		10
9	Mrs Peebles	4.00	
13	Meat		25
	Corn		90
15	Oil		1 25
16	Coal		2 40
18	Meat		25
19	Church		2 00
20	Bld'g ass'n.		5 00
21	Mc Cleary		85
"	Box rent		50
"	Magazines		30
22	Candy		10

Cash Account—February

	Date		Received	Paid
75	26	Hilton		1 00
15				
75				
25				
25				
20				
15				
20				
00				
30				
40				
10				
25				
25				
20				
10				
25				
20				
25				
40				
25				
00				
00				
85				
50				
30				
10				

CASH ACCOUNT—MARCH

Date		Received	Paid
	Clamps		25
	Groceries		1 50
3	Oranges for John		10
4	Meat		40
"	Box Papers		50
"	Lady Fingers		30
6	Bld'g Ass'n	43 50	10 00
"	Washing		60
"	Mr. Slack		75
"	Ch-		50
8	Hilton		5 00
"	Cakes		12
"	Bld'g Ass'n	132.00	by ch.
10	Ham		1 73
	Coffee		25
	Bbl Coal		20
	Cranberries		10
	Apricots		35
	Mr. Coburn		2 00
11	Abby		50
"	Underwear		2 00
13	Cornelia	10 50	
15	Kindling		25
17	Butter		25
16	Milk		1 95

Cash Account—March

Date		Received	Paid
15	Sleighs		4 2
15	Coffee		25
"	Mrs Robbins		25
"	Markets		25
16	Jim Covens		15
"	Exp. Beef		50
"	Dividends		6 03
17	Flour		1 30
	Butter		2c
21	Eggs		22 95
"	Relief Assn	58 00	
20	Dues		10 00
22	Groceries		1 25
"	Butter		50
25	"		25
29	Kindling		50
"	Butter		50
"	Oranges		15
"	Candy		10
"	Soda		05
"	Peaches		20
30	Lamp wicks		15
31	Ammonia,		
	cream tartar, etc.		35
	Pr. drawers		25

Cash Account—April

Date		Received	Paid
1	Ribbon		50
"	Hat		3 00
"	Steak		40
"	Candy		60
"	Cans Peaches		50
"	Cranberries		15
2	Church		1 00
	Loaned Hilton		7 00
1	Paid Henry		50
3	Washing		60
5	Sugar, cheese, &c		1 58
"	Tea		25
"	Butter		50
"	Books		60
"	Rox rent		25
"	Oranges		25
"	Soap, potatoes &c		60
"	Muslin		36
5	Butter		50
"	Cheese + Crum b.		24
9	Ch—		10
"	Meal		15
10	Abbie (Sub.)		20
"	Stockings		50
11	Mr. Weis	$10.00	
	Building Assn		5,00

Cash Account—April

id	Date		Received	Paid
50	12	Butter		50
00	"	Grim. 50, Dr. Ap. 25		75
40	"	Meat		25
60	14	Groceries		60
50	17	Washing		50
15	18	Screen doors		1 15
00		Wheat		80
00		Sundries		1 00
50	19	Groceries		1 25
60		Gloves		22
58		Groceries etc		1 25
25		Seeds, etc.		1 55
50	23	Butter		25
60	26	Butter		25
25		Magazines		20
25		Peaches		1 20
60	27	Abby		5 00
36		Meat		25
00		Crackers & Jelly		35
24	29	Butter		25
10		Kindling		25
15		Ploughing		2 25
20				
50				
00				

Cash Account—May

Date		Received	Paid
1	Washing		60
3	Boiled Ham		25
"	Dishes		35
"	Postum Cereal		25
"	Mustard, etc		20
"	Oil		1 25
4	Tomato plants		30
"	Tickets		90
"	Mary		5 00
5	Tomato plants		50
6	Groceries		1 75
"	Bank ck #32		
8	Rolls		05
9	Gallup's int	19.25	
"	Slippers		1 00
"	Granite ware		1 00
"	Acid phosphate		50
2	Lawn dress		2 00
	Linings, etc		75
	Butter		50
	Strawberries		1 00
	Coal bill		4 40
	Organdie		1 00
	Groceries and bread		40

Cash Account—May

Paid	Date	Received	Paid
60			
25			
35	Building Acct.		100
25			
20			
1 25			
30			
90			
50			
75			
05			
1 00			
1 00			
50			
1 00			
75			
50			
1 00			
1 50			
1 00			
40			

CASH ACCOUNT—JUNE

Date		Received	Paid
	McClary Groceries from early in May		9 60
	Other bills		12 00
	Flowers for May		1 00
	medal		3 35
	Stamps		65
	Fellows Hyp.		1 50
	Dress making		2 50
	Quilting		2 20
	eggs		50
	Check		1 35
26	Mrs P. ch		10 00
21	Umbrella		1 25
27	Washing		1 00
	Building Assn		5 00

CASH ACCOUNT—JUNE

Paid	Date		Received	Paid
60		Telephone		1 00
2 00	26	Mr Pearson	on A/C	50 00
1 00				
35				
65				
50				
2 50				
24				
50				
35				
0 00				
28				
50				
00				
1				

CASH ACCOUNT—JULY

Date		Received	Paid
9	Church		1 00
10	Bldg Assn.	2 00	
23	Hilton		3 00
26	Standard Oil Co.		4 00

CASH ACCOUNT—JULY

id	Date		Received	Paid
00				
0				
00				

Cash Account—August

Date		Received	Paid

Cash Account—August

Date		Received	Paid
1	From Bank	100	
"	Dress maker.		150
"	Butter		50
"	Ham		25
	Butter		25
3	Oil		125
4	Dudr. bill		4 40
"	McCl. "		6 88
8	Mr. Colman (2 hrs)		
	for Bap Ch		5 00
"	Grocery		1 07
"	Coal		2 50
"	Telephone		1 00
	Cream 7. 25 Samp. 25		50
19	Butter		52
21	Hilton		5 00
22	Butter		25
29	Mr Brewer		75
11	Butter		25
30	Flour & Potatoes		1.05
	Shoes, Mother		1 00

Cash Account—September

Date		Received	Paid
	Repairing boiler		1. 15
	Butter		75
	Tinware etc.		1 84
	Fallon's High-		1 40
	Cr. Tartar		50
12	Washing & Dr'g.		1 00
"	Gran. Sugar		1 05
"	Tomatoes		20
"	Butter		25
12	Groceries		6 05
	Condition Powder	10 50	
"	Shelled Corn		95
13	Eggs		15
"	Rice 25 Meat 25 Soda 5		55
15	Coffee 25 Butter 20		45
"	Ging. root 10 Broom 20		30
"	Sweet Potatoes 2		20
"	Fig Syr 50 N. Hazel 15		65
"	Ham 25 Cakes 10 Spoon 05		40
16	10 daily Nurse		40
"	Miss Ball		50
15	Candy		20
"	Ap. Nib. 10 Other		50
10	Ice, Since 13th		30
"	Bread " "		20
"	Eggs		15

Cash Account—September

id	Date		Received	Paid
15	18	Abby		50
75	16	Card from Mary		15
84	"	Steak		26
40	"	Meal 15 Cr. Coffee 25		40
50	19	Tomatoes 20 Salt 10		30
00	"	Gold Dust Powder		10
05	"	Butter		50
20		(paid one lb ahead)		
25	X 20	Mr. W. board	2 25	X
05	"	Ham 25 Dr. Beef 30		55
95	"	Soap 25 Lard 25		50
15	17	Hilton (from Mollie)	2 00	
55	20	Home Journal		10
45	"	Eggs Mary		20
30	"	Johnny		10
20	"	Lamp Chimney		05
65	21	Butter 22 Bananas 10		32
40	23	Sugar 1.00 Flour 95	1 95	
40	"	Cheese 22 Crab 13		35
50	"	Meat 30 Butter 25		55
20	"	Miss Ball		10
50	24	Mr White	2 25	
30		Miss Ball		25
20		Grounds	1 00	
15		Butter		50
		Rubbers	1 00	

CASH ACCOUNT—OCTOBER

Date		Received	Paid
	Dress fitting		1.50
	Mold Dress'd		5.00
	Washing		1.00
	Dress		2.13
	Maggie		1.00
	Butter		75
	Steak turn		45
	Drugs		1.00
	Making Jacket		2.50
5	Mr White	2.25	
11	A. Cod. int	4.80	
"	Maggie		.75
"	Coble		
"	Abbie		1.50
"	Shoes		2.45
"	Mr White	2.25	2.00
12	Steak		1.5
"	Tapioca		10
"	Blank book		05
	Rolls		05
13	Rolls		05
	Chicken feed		85
	Meat		65
	Telephone for Oct.		1.50
18	Coal Oil		1.40
"	Mr White	2.25	

CASH ACCOUNT—OCTOBER

Date		Received	Paid
25	From Bank	50.00	
"	City Tax		58 30
"	State & County Tax		48 50
24	Washing etc		1 10
"	Mr Hood		50
25	Mr White	2 25	
27	Mr Galup	19.25	rec'd
26	Mr Hood		50
28	Steak		20
29	Allen loan		5 00
"	" gift		1.00
26	McCleary		8 55
27	Dudingh		6+
30	Steak, etc		30
30	Miss Ball		1.00
	Milk 3 wks		1 00
31	Butter		25
"	Cocoa		30

Cash Account—November

Date		Received	Paid
1	Land		50
2	Gallup's ck. 19.25	cashed	
"	Mr Ahlin	2 25	
"	Pola's 20 Beans 25		45
"	Butln 20 Sundries 30		50
"	Braid		24
3	Paper 15 Postage 25		40
"	Swamp R.		50
"	Sausage		15
"	Rocks		05
"	Flan 25 Pins 05		30
4	Corset-Waist-		2.25
6	Steak		20
8	Butln		40
"	Mary		50
"	Washing		1 00
13	Groceries		2 25
"	Drawers		70
14	Stand. Dict.		3 00
17	Johns Coal, 2 Loads		25
16			
17	Buttons		60
18	Butln (Mrs W.)		25
"	Land. Nickman		85

Cash Account—November

Date		Received	Paid
18	Corn		1 35
11	Waist-made		2 00
	abby		5 00
29	Cash, a.k.I ch	50.00	
	Mat.		.35
29	Groceries		2.15
30	Hilton		5.00

CASH ACCOUNT—DECEMBER

Date		Received	Paid
	John		125
	Butler, do		1.00
	Aunt Julia		.50
	" "		.25
11	Milk		.25
12	Canton jar		1.15
"	" "		.90
13	Candle Stick		.30
	Pair do		.40
	Bonbon dish		.75
	Cup & Saucer		.40
	Night Lamp		.25
	Canary		.15
14	2 sets China		
	each .50		1.00
	Climbing Monkey		.25
	Smack dish		.35
15	Book		.25
"	C. St. + Candles		.30
16	Henry		.50
"	John		.50

Cash Account—December

d	Date		Received	Paid
25		Oat Meal Set		50
1.00		Candy		60
50		Fruit		100
25		Bon bon dish		
25		& little dishes		50
15		Through the Looking Glass		40
90		Small toys		20
30		Henry		25
40		John		20
75	16	Ch. Hilton	25 00	
40				
25				
5	24	Oysters		120
.01	25	Mr. Weis	15.00	
25		Canned Beef		30
35	27	Glasses		75
25	"	Box paper		25
30	"	Calendar		10
50	"	Diary		100
50				

SUMMARY

D		Received	Paid
	Cash on hand Jan. 1		
	JANUARY		
	FEBRUARY		
	MARCH		
	APRIL		
	MAY		
	JUNE		
	JULY		
	AUGUST		
	SEPTEMBER		
	OCTOBER		
	NOVEMBER		
	DECEMBER		
	Total		
	Balance to new account		

1751

Shoes
from McClung's
Mark 37
6876 2
or
6376

Missing Transcript
Aug. 7. 1897.

Senator

SUMMARY

	Received	Paid
Cash on hand Jan. 1		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to new account		

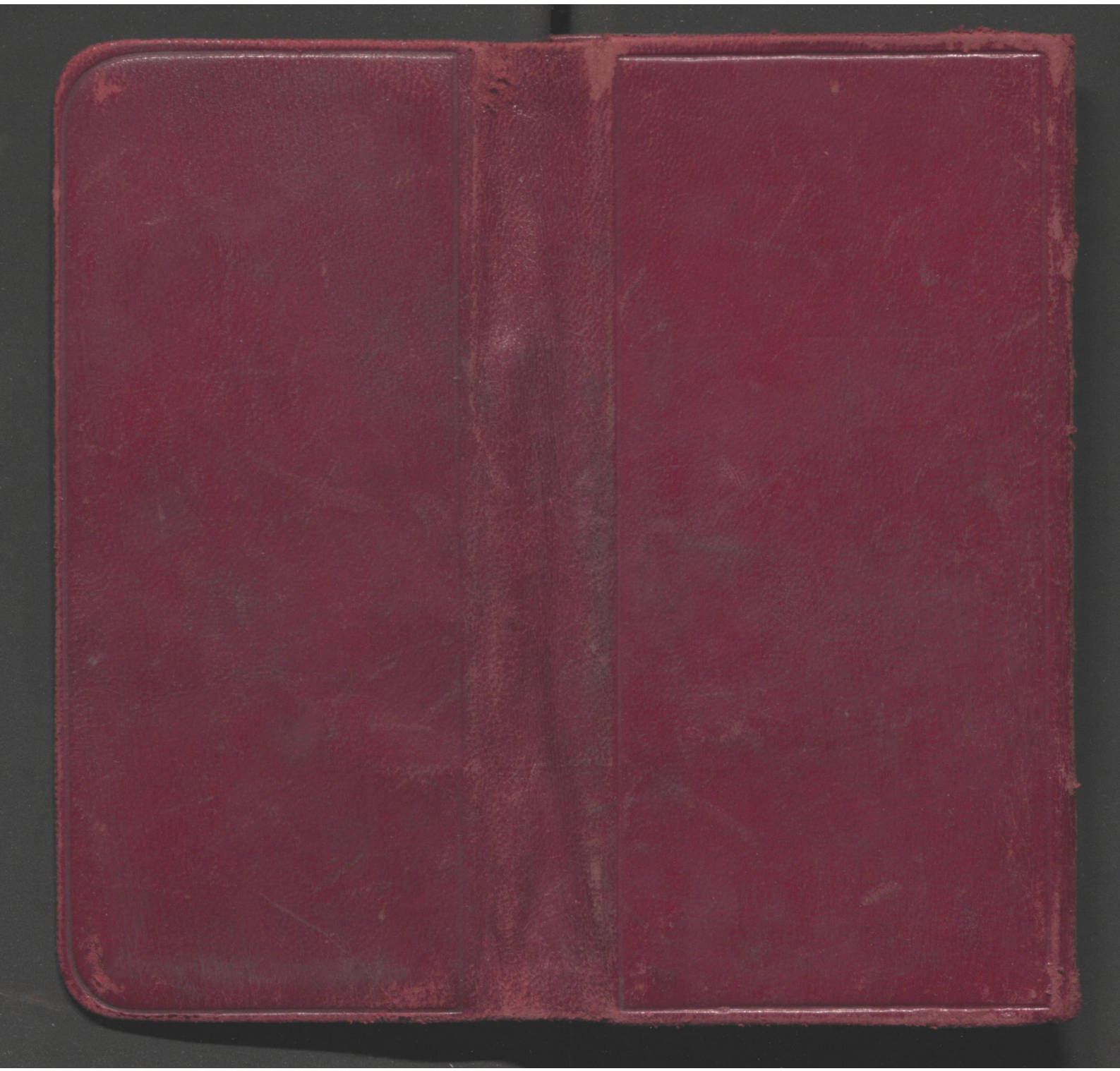
Judge (Pay roll)
1 case Sabbath School Cards
1 " Envelopes
" " Pencils
Secretary's Quarterly account
Blank Books
Stationery
Postage
Express
Freight
Telegrams
Sundries
Amount carried forward

175

Shoes
from McClung's
Mark 3½
6 8/6 2
or
6 31/6

Mercury Transcript Co.
Aug. 9, 1897.

Senator



(BY CAPT. D. K. WEIS.)

The intelligence of the death of Mrs. Henrietta Flye Hilton, one of the earliest residents of our city, while not unexepected by her many friends and acquaintances, was received with profound sorrow. As stated, Mrs. Hilton was among the earliest residents of Ashland. Her husband, Mr. M. T. Hilton, belonging to the corps of engineers engaged in surveying and locating the Lexington & Big Sandy Railroad, was made the resident engineer for the eastern part of the road, and located his family in Ashland in the latter part of 1855—the acquaintance of his family and that of the writer commencing at that date; and, subsequently, becoming a close neighbor, the acquaintance of our families ripened into a close and lasting friendship.

Mrs. Hilton was an earnest, sincere Christian woman, who enjoyed the love and affection of all who knew her. Retiring in her nature, pleasant and dignified with her friends, she was generally respected by her friends and acquaintances. For her many excellent womanly qualities, she had the sincere love and affection of those who knew her intimately. A model wife, mother, friend and neighbor, loved and respected as such, living out her four score of years, she has gone from our midst.

To her children she has left a legacy of more value than riches—their mother's love, affection and prayers; and the known beauties of her life resting as a benediction upon their heads will long remain an inspiration to the loved ones left behind.

In a former [illegible] stated that

Loose Item(s)