

R.B. Howard
Rockport
Mass



PX 80

Patent Erasable Surface.

[Patented October 24, 1883.]

Use a soft Pencil, and erase with a damp woolen cloth.

Enables in Boston

See also ...
1 Hill & ... Chain

... clothes

Miss Mary J. ...
See also ... House

THE
STANDARD
DIARY



PUBLISHED
FOR
THE TRADE.

$$\begin{array}{r} 34 \\ 15 \\ \hline 19 \end{array}$$

From Feb. 16 to June 14
17 weeks -

$$\begin{array}{r} 10 \\ 10 \\ 6 \\ \hline 26 \\ 18 \\ \hline 32 \\ 28 \\ \hline 20 \\ 2 \\ \hline 40 \\ 36 \\ \hline 4 \end{array}$$

PUBLISHED
FOR
THE TRADE

Copyright, 1876, by Cambridgeport Day Company.

Counting-House Calendar.

1880.

	Su	Mo	Tu	We	Th	Fr	Sa		Su	Mo	Tu	We	Th	Fr	Sa
JAN.	..	..	..	..	1	2	3	JULY.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10		4	5	6	7	8	9	10
	11	12	13	14	15	16	17		11	12	13	14	15	16	17
	18	19	20	21	22	23	24		18	19	20	21	22	23	24
	25	26	27	28	29	30	31		25	26	27	28	29	30	31
	..	..	..	..	..	..	..	AUG.	..	..	..	..	..	..	..
FEB.	1	2	3	4	5	6	7		1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13	14
	15	16	17	18	19	20	21		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		22	23	24	25	26	27	28
	29	..	..	..	..	..	..		29	30	31	..	..	..	..
	..	1	2	3	4	5	6	SEPT.	..	..	..	1	2	3	4
MAR.	7	8	9	10	11	12	13		7	8	9	10	11	12	13
	14	15	16	17	18	19	20		14	15	16	17	18	19	20
	21	22	23	24	25	26	27		21	22	23	24	25	26	27
	28	29	30	31	..	..	..		28	29	30	31	..	..	..
	..	..	..	..	1	2	3	OCT.	..	..	..	..	1	2	3
APRIL.	4	5	6	7	8	9	10		4	5	6	7	8	9	10
	11	12	13	14	15	16	17		11	12	13	14	15	16	17
	18	19	20	21	22	23	24		18	19	20	21	22	23	24
	25	26	27	28	29	30	..		25	26	27	28	29	30	..
	..	..	..	..	..	..	1	NOV.	31	..	..	..	..	..	..
MAY.	2	3	4	5	6	7	8		..	1	2	3	4	5	6
	9	10	11	12	13	14	15		7	8	9	10	11	12	13
	16	17	18	19	20	21	22		14	15	16	17	18	19	20
	23	24	25	26	27	28	29		21	22	23	24	25	26	27
	30	31	..	..	..	..	..		28	29	30	..	..	..	..
	..	..	1	2	3	4	5	DEC.	..	..	..	1	2	3	4
JUNE.	6	7	8	9	10	11	12		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30	..	..	..		26	27	28	29	30	31	..
	..	..	..	..	..	..	..		..	..	..	..	..	..	..

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

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

MEASURE OF SURFACE.

144 Square Inches make 1 Square Foot.	1 Square Foot.
9 Square Feet " 1 Square Yard.	1 Square Yard.
30 1/4 Square Yards " 1 Rod, Perch or Pole.	1 Rod, Perch or Pole.
40 Square Rods " 1 Square Rood.	1 Square Rood.
4 Square Roods " 1 Square Acre.	1 Square Acre.
10 Square Chains " 1 Square Acre.	1 Square Acre.
640 Square Acres " 1 Square Mile.	1 Square Mile.
Gunter's Chain equal to 22 Yards or 100 Links.	

MEASURE OF SOLIDITY.

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

AVOIRDUPOIS WEIGHT.

28 1/4 Grains make 1 Drachm (dr.)	or 27 1/4 Grains.
16 Drachms " 1 Ounce (oz.)	or 437 1/2 " "
15 Ounces " 1 Pound (lb.)	or 7000 " "
28 Pounds " 1 Quarter (qr.)	
4 Quarters " 1 Hundred-Weight (cwt.)	
20 Cwts. " 1 Ton.	

TROY WEIGHT.

24 Grains make 1 Pennyweight,	or 24 Grains.
2 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.

DIAMOND WEIGHT.

16 Parts make 1 Grain (8-10ths Grain Troy.)	
14 Grains " 1 Carat (3 1-5th Grains Troy.)	

LIQUID MEASURE.

4 Gills make 1 Pint.	2 Gallons make 1 Peck.
2 Pints " 1 Quart.	3 1/4 Gallons " 1 Barrel.
4 Quarts " 1 Gallon.	5 1/4 Gallons " 1 Hhd.

DRY MEASURE.

8 Quarts make 1 Peck.	8 Bushels make 1 Quarter.
4 Pecks " 1 Bushel.	36 Bushels " 1 Chaldron.
1 Bushel equal to 28 1/2 cubic in. nearly.	

A Bushel of Wheat is on an average 60 lbs.; Barley or Buckwheat, 45 lbs.; Indian Corn or Rye, 56 lbs.; Oats, 30 lbs.; Salt, 70 lbs.; Potatoes, 60 lbs.; Peas, 64 lbs.; Beans, 64 lbs.; Clover Seed, 60 lbs.; Flax Seed, 56 lbs.; Timothy Seed, 50 lbs. 14 lbs. of Lead or Iron make 1 Stone; 2 1/4 Stone, 1 Pig. 1 Bbl. of Flour contains 106 lbs.; Beef or Pork, 200 lbs. The Imperial Gallon is 10 lbs. avoirdupois of pure water; Pint 1 1/4 lbs.

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. (Official).

STATES.	Barley.	Buckwheat.	Coal.	Corn, shd.	Corn Meal.	Onions.	Oats.	Peas.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover sd.	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	52	32	60	56	60	..	..	..	..	..	..
Connecticut.....	45	..	36	..	..	28	60	56	56	..	..	..	..	..	..
New York.....	48	48	58	..	..	32	56	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	..	..	..	56	..	60	..	..	..	..	..	..
Maryland.....	48	48	56	..	57	32	60	56	60	56	..	62	64	45	..
Dist. Columbia.....	47	48	..	56	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	75	35	56	..	60	56	..	60	45	..
Louisiana.....	32	..	..	56	..	32	..	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	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	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 TABLE.

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 D'y.	0	0	0	0	0	0	0	0	0	0	2	17
2 "	0	0	0	0	0	0	0	0	0	0	3	33
3 "	0	0	0	0	0	0	0	0	0	1	5	50
4 "	0	0	0	0	0	0	0	1	1	1	7	67
5 "	0	0	0	0	0	1	1	1	1	1	8	83
6 "	0	0	0	0	1	1	1	1	1	1	10	1 00
7 "	0	0	0	0	1	1	1	1	1	1	12	1 17
8 "	0	0	0	1	1	1	1	1	1	1	13	1 33
9 "	0	0	0	1	1	1	1	1	1	2	15	1 50
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
11 "	0	0	1	1	1	1	1	1	2	2	18	1 83
12 "	0	0	1	1	1	1	1	2	2	2	20	2 00
13 "	0	0	1	1	1	1	2	2	2	2	22	2 17
14 "	0	0	1	1	1	1	2	2	2	2	23	2 33
15 "	0	1	1	1	1	2	2	2	2	3	25	2 50
16 "	0	1	1	1	1	2	2	2	2	3	27	2 67
17 "	0	1	1	1	1	2	2	2	3	3	28	2 83
18 "	0	1	1	1	2	2	2	2	3	3	30	3 00
19 "	0	1	1	1	2	2	2	3	3	3	32	3 17
20 "	0	1	1	1	2	2	2	3	3	3	33	3 33
21 "	0	1	1	1	2	2	2	3	3	4	35	3 50
22 "	0	1	1	1	2	2	3	3	3	4	37	3 67
23 "	0	1	1	2	2	2	3	3	3	4	38	3 83
24 "	0	1	1	2	2	2	3	3	4	4	40	4 00
25 "	0	1	1	2	2	3	3	3	4	4	42	4 17
26 "	0	1	1	2	2	3	3	3	4	4	43	4 33
27 "	0	1	1	2	2	3	3	4	4	5	45	4 50
28 "	0	1	1	2	2	3	3	4	4	5	47	4 67
29 "	0	1	1	2	2	3	3	4	4	5	48	4 83
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
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	3	5	8	10	13	15	18	20	23	25	2 50	25 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
7 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
8 "	4	8	12	16	20	24	28	32	36	40	4 00	40 00
9 "	5	9	14	18	23	27	32	36	41	45	4 50	45 00
10 "	5	10	15	20	25	30	35	40	45	50	5 00	50 00
11 "	6	11	17	22	28	33	39	44	50	55	5 50	55 00
1 Y'r.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

RATE OF INCOME ON INVESTMENTS.

Par value being \$100, bearing interest at

Price Paid.	5%	6%	7%	8%	10%	12%
\$50	10.00	12.00	14.00	16.00	20.00	24.00
55	9.09	10.90	12.72	14.55	18.18	21.80
60	8.33	10.00	11.66	13.33	16.66	20.00
65	7.69	9.23	10.76	12.30	15.38	18.47
70	7.14	8.57	10.00	11.42	14.28	17.14
75	6.66	8.00	9.33	10.66	13.35	16.00
80	6.25	7.50	8.75	10.00	12.50	15.00
82½	6.06	7.27	8.48	9.69	12.12	14.54
85	5.88	7.05	8.23	9.41	11.76	14.10
87½	5.71	6.85	8.00	9.14	11.42	13.70
90	5.55	6.66	7.77	8.88	11.11	13.32
92½	5.40	6.48	7.56	8.64	10.80	12.96
95	5.26	6.31	7.36	8.42	10.52	12.62
96	5.20	6.25	7.29	8.33	10.41	12.50
97	5.15	6.18	7.21	8.24	10.30	12.36
97½	5.12	6.15	7.17	8.20	10.25	12.30
98	5.10	6.12	7.14	8.16	10.20	12.24
99	5.05	6.06	7.07	8.08	10.10	12.12
100	5.00	6.00	7.00	8.00	10.00	12.00
101	4.95	5.94	6.93	7.92	9.90	11.88
102	4.90	5.88	6.86	7.84	9.80	11.76
103	4.85	5.82	6.79	7.76	9.70	11.64
104	4.80	5.76	6.73	7.69	9.61	11.52
105	4.76	5.71	6.66	7.61	9.52	11.42
110	4.54	5.45	6.36	7.27	9.09	10.90
115	4.34	5.21	6.08	6.95	8.69	10.42
120	4.16	5.00	5.83	6.66	8.33	10.00
125	4.00	4.80	5.60	6.40	8.00	9.60
130	3.84	4.61	5.38	6.15	7.69	9.22
135	3.70	4.44	5.18	5.92	7.40	8.88
140	3.57	4.28	5.00	5.71	7.14	8.56
145	3.44	4.13	4.82	5.51	6.89	8.27
150	3.33	4.00	4.66	5.33	6.66	8.00

TO ASCERTAIN THE LENGTH OF THE DAY AND NIGHT.

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

VALUES IN UNITED STATES MONEY OF THE

PURE GOLD OR SILVER

REPRESENTING RESPECTIVELY THE MONETARY UNITS AND STANDARD COINS OF FOREIGN COUNTRIES.

The first section of the Act of March 3, 1873, provides "that the value of foreign coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1879, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE.
Argentina Republic.	Peso fuerte.....	Gold.....	D. C. M. 1 00 0
Austria.....	Florin.....	Silver.....	0 48 2
Belgium.....	Franc.....	Gold & silver.....	0 19 3
Bolivia.....	Dollar.....	Gold & silver.....	0 96 5
Brazil.....	Milreis of 1000 reis.....	Gold.....	0 54 5
British America.....	Dollar.....	Gold.....	1 00 0
Bogota.....	Peso.....	Gold.....	0 96 5
Central America.....	Dollar.....	Silver.....	0 93 5
Chili.....	Peso.....	Gold.....	0 91 2
Cuba.....	Peso.....	Gold.....	0 92 5
Denmark.....	Crown.....	Gold.....	0 26 8
Ecuador.....	Dollar.....	Silver.....	0 93 5
Egypt.....	Pound of 100 piasters.....	Gold.....	4 97 4
France.....	Franc.....	Gold & silver.....	0 19 3
Great Britain.....	Pound sterling.....	Gold.....	4 86 6 1/2
Greece.....	Drachma.....	Gold & silver.....	0 19 3
German Empire.....	Mark.....	Gold.....	0 23 8
Haiti.....	Dollar.....	Silver.....	0 95 2
India.....	Rupree of 16 annas.....	Gold & silver.....	0 44 4
Italy.....	Lira.....	Gold.....	0 19 3
Japan.....	Yen.....	Gold.....	0 99 7
Liberia.....	Dollar.....	Gold.....	1 00 0
Mexico.....	Dollar.....	Silver.....	1 1 5
Netherlands.....	Florin.....	Silver.....	0 38 5
Norway.....	Crown.....	Gold.....	0 26 8
Paraguay.....	Peso.....	Gold.....	1 00 0
Peru.....	Dollar.....	Silver.....	0 93 5
Porto Rico.....	Peso.....	Gold.....	0 92 5
Portugal.....	Milreis of 1000 reis.....	Gold.....	1 5 0
Russia.....	Rouble of 100 copecks.....	Gold.....	0 74 8
Sandwich Islands.....	Dollar.....	Gold.....	1 00 0
Spain.....	Peseta of 100 centimes.....	Gold & silver.....	0 10 3
Sweden.....	Crown.....	Gold.....	0 26 8
Switzerland.....	Franc.....	Gold & silver.....	0 19 3
Tripoli.....	Mahhub of 20 piasters.....	Silver.....	0 34 4
Tunis.....	Piaster of 16 caroubas.....	Silver.....	0 11 3
Turkey.....	Piaster.....	Gold.....	0 4 3
U. States of Colombia.....	Peso.....	Silver.....	0 93 5
Uruguay.....	Patacon.....	Gold.....	0 94 5

VALUE OF FOREIGN COINS

AS DETERMINED BY

U. S. MINT ASSAYS.

		D. C. M.
AUSTRIA.....	Gold, Quadruple Ducat.....	9 13 2
	" Ducat.....	2 28 3
	" Sovereign (no longer coined).....	6 75 4
	Silver, Rix Dollar.....	1 02 2
BELGIUM.....	Gold, Twenty-five Franc piece.....	4 82 5
BOLIVIA.....	Gold, Doubloon.....	15 50 3
BRAZIL.....	Silver, Double Milreis.....	1 04 4
CENTRAL AMERICA.....	Gold, Escudo.....	1 84 4
	" Dollar.....	0 98 1
	" Four Reals.....	0 48 8
CHILI.....	Gold, Doubloon (before 1835).....	15 50 3
	Silver, Dollar.....	0 96 2
DENMARK.....	Gold, Double Fred. or Ten-Thaler.....	7 90 0
	Silver, Rigsbank Daler.....	0 54 2
EGYPT.....	Silver, Twenty Piasters.....	0 60 5
	" Piaster (new).....	0 40 5
FRANCE.....	Gold, Twenty Francs.....	3 84 7
	Silver, Five Francs.....	0 96 5
GERMAN EMPIRE.....	Silver, Five Marks (new).....	0 96 5
	" Thaler (no longer coined).....	0 71 5
GREAT BRITAIN.....	Silver, Half Crown.....	0 56 3
	" Shilling.....	0 22 5
	" Sixpence.....	0 11 3
GREECE.....	Gold, Twenty Drachmas.....	3 44 2
HINDOSTAN.....	Silver, Rupee.....	0 45 7
ITALY.....	Gold, Twenty Lire.....	3 84 7
	Silver, Five Lire.....	0 96 0
JAPAN.....	Gold, Chohang (obsolete).....	3 57 6
	Silver, Fifty Sen.....	0 42 8
MEXICO.....	Gold, Doubloon (average).....	15 59 3
NETHERLANDS.....	Gold, Ducat.....	2 26 5
	" Ten Guilders.....	3 99 7
	Silver, Two-and-a-half Guilders.....	1 12 2
	" Guilder.....	0 40 5
NEW GRANADA.....	Silver, Dollar, usual weight.....	0 96 0
NORWAY.....	Silver, Specie Daler.....	1 84 4
PERU.....	Silver, Dollar.....	1 1 5
	" Dollar (1853).....	0 92 8
	" Half Dollar (1835).....	0 37 5
	" Sol.....	0 96 0
PORTUGAL.....	Gold, Crown.....	5 80 7
	Silver, Crown of 1000 Reis.....	0 97 2
RUSSIA.....	Gold, Five Roubles.....	3 07 6
	Silver, Rouble.....	0 77 8
SPAIN.....	Gold, Ten Escudos.....	5 1 5
	" One Hundred Reals.....	4 96 4
	Silver, Pistareen (4 Reals Vicion).....	0 17 8
SWEDEN.....	Gold, Five Pesetas (Dollar).....	0 96 0
	Silver, Half Daler.....	0 52 0
	" Rixdaler.....	0 27 3
TURKEY.....	Gold, Hundred Piasters.....	4 37 0
	" Twenty Piasters (new).....	0 85 2

DISTANCE, TIME, AND DIFFERENCE OF TIME

BETWEEN NEW YORK CITY, AND
OTHER CITIES IN THE UNITED STATES AND CANADA.

FROM NEW YORK CITY TO	DIST.	R.R. TIME.	DIFF. IN TIME.*
	Miles.	Hours.	A. M. S.
Albany, N. Y.	144	4 30	0 1 6
Baltimore, Md.	188	8 00	0 10 22
Bangor, Me.	484	....	0 20 56
Boston, Mass.	236	9 00	0 11 30
Buffalo, N. Y.	417	15 00	0 19 36
Burlington, Iowa.	1,123	48 50	....
Burlington, Vt.	266	13 30	....
Cairo, Ill.	1,143	54 30	0 58 10
Charleston, S. C.	829	....	0 23 38
Chicago, Ill.	955	36 00	0 53 58
Cincinnati, Ohio.	559	33 00	0 41 44
Cleveland, "	604	35 00	0 30 10
Columbus, "	637	24 30	0 36 8
Concord, N. H.	270	11 35	....
Council Bluffs, Iowa.	1,411	66 50	....
Decatur, Ill.	1,095	41 35	....
Detroit, Mich.	646	25 30	0 36 6
Dunkirk, N. Y.	561	17 30	....
Fort Wayne, Ind.	765	31 00	....
Harrisburg, Penn.	197	6 55	0 11 16
Indianapolis, Ind.	969	38 00	0 48 16
Leavenworth, Kan.	1,393	64 10	....
Memphis, Tenn.	1,376	60 00	1 5 10
Milwaukee, Wis.	1,000	39 00	0 55 44
Macon, Ga.	1,471	82 10	....
Mobile, Ala.	1,591	86 00	0 59 58
Montgomery, Ala.	1,236	52 00	....
Montreal, Can.	400	20 30	0 1 44
Nashville, Tenn.	1,089	48 10	0 51 12
New Orleans, La.	1,495	72 00	1 3 56
Newport, R. I.	218	9 00	0 10 50
Omaha, Neb.	1,413	66 45	....
Portland, Me.	347	14 00	0 15 10
Philadelphia, Penn.	99	4 00	0 4 35
Pittsburg, Penn.	443	16 30	0 24 4
Richmond, Va.	356	18 30	0 13 48
Sacramento, Cal.	3,082	168 00	3 3 56
Salt Lake City, Utah.	2,464	120 00	2 8 0
San Francisco, Cal.	3,510	192 00	3 14 41
Savannah, Ga.	933	42 00	0 28 28
St. Louis, Mo.	1,084	47 00	1 4 53
St. Joseph, Mo.	1,352	57 30	....
St. Paul, Minn.	1,388	56 40	1 16 7
Springfield, Ill.	1,033	43 25	1 2 7
Toledo, Ohio.	708	27 30	....
Vicksburg, Miss.	1,511	85 00	....
Washington, D. C.	226	10 00	0 12 7
Wheeling, W. Va.	535	22 00	0 27 7

* The difference in time, indicated by the above table, East of New York, FAST—West, SLOW.

POPULATION OF PRINCIPAL NATIONS.

United States.	38,925,598	Sweden and Norway.	6,137,559
China.	425,000,000	Belgium.	5,253,821
British India.	192,847,900	Arabia.	4,600,000
Russia.	85,685,945	Portugal.	4,390,589
Turkey *.	47,627,000	Holland.	3,767,263
German Empire.	41,060,846	Canada.	3,718,745
France.	36,102,921	Switzerland.	2,669,147
Austria and Hungary.	35,904,435	Central America.	2,586,700
Japan.	33,110,825	Chili.	2,068,447
Great Britain †.	33,098,400	Bolivia.	2,000,000
Italy.	26,801,154	Persia.	2,000,000
Spain.	16,835,506	Argentine Republic.	1,877,490
Brazil.	9,700,187	Greece and Ionian Island.	1,457,894
Mexico.	9,276,079	Cuba.	1,400,000
Siam.	6,300,000	Ecuador.	1,308,082

* Ottoman Empire (including Asiatic possessions). † Including Ireland.

PRINCIPAL CITIES OF UNITED STATES.

Stars indicate Population census of 1875; other cities, 1870.

*Albany, N. Y.	86,013	*Minneapolis, Minn.	32,720
Allegheny City, Pa.	53,180	Mobile, Ala.	32,034
Baltimore, Md.	267,354	Newark, N. J.	105,059
*Boston, Mass.	341,919	New Haven, Conn.	50,840
*Brooklyn, N. Y.	484,616	New Orleans, La.	191,418
*Buffalo, N. Y.	134,573	*New York, N. Y.	1,046,937
*Cambridge, Mass.	47,838	Philadelphia, Pa.	674,022
Charleston, S. C.	48,656	Pittsburgh, Pa.	86,076
*Chicago, Ill.	407,667	*Portland, Me.	37,000
Cincinnati, Ohio.	216,239	*Providence, R. I.	100,675
Cleveland, Ohio.	92,829	Reading, Pa.	33,930
Columbus, Ohio.	31,274	Richmond, Va.	51,038
Detroit, Mich.	79,577	*Rochester, N. Y.	81,673
Hartford, Conn.	37,180	*San Francisco, Cal.	250,000
Indianapolis, Ind.	48,244	*St. Louis, Mo.	400,000
Jersey City, N. J.	82,546	*Springfield, Mass.	31,053
Louisville, Ky.	100,753	*Syracuse, N. Y.	45,315
*Lowell, Mass.	49,688	*Troy, N. Y.	48,821
Manchester, N. H.	23,536	Washington, D. C.	109,200
Memphis, Tenn.	40,226	Wilmington, Del.	30,841
*Milwaukee, Wis.	100,775	*Worcester, Mass.	49,317

ABRIDGED METRIC TABLE.

	Accurate Metric Equivalents of Avoirdupois Weights.	Corresponding Avoirdupois Weights.
Metric means	10,000.	
Kilo- "	1,000.	
Hekt- "	100.	
Dekad- "	10.	
Deci- "	0.1	
Centi- "	0.01	
Milli- "	0.001	
Accurate Metric Equivalents of Avoirdupois Weights.	Corresponding Avoirdupois Weights.	
10,160,948. grams =	(gross) TON.	
88,5004. " = standard	{ BARREL,	
17,339.8 " = weight of	fLOUR	
" = (net)	QUARTER.	
997.19 " =	2 POUNDS.	
113,398 " =	1 POUND.	

	METRIC LENGTH.	METER. Decimeter. Centimeter. Millimeter.
YARD		= 0.9144 meter.
HAND (4 inches) "		= 0.1016 "
3-8 INCH "		= 0.009535 "
1-32 INCH		= 0.000794 "

	VOLUME OF WATER WHICH HAS METRIC WEIGHT AND FILLS METRIC CAPACITY MEASURE.	METRIC CAPACITY MEASURE.
1 cubic meter.		KILO-LITER.
0.1 "		HECTO-LITER.
0.01 "		DECA-LITER.
0.001 "		LITER.
0.001 "		DECI-LITER.

	METRIC WEIGHT.	TON. (Metric). QUINTAL, (Metric). MYRIA-GRAM. KILO. HEKTO-GRAM.
TON (\$ barrels)		= 954. liters.
BARREL (31 galls.) "		= 119.2 "
PECK (U. S.) :		= 8.81 "
QUART { U. S. dry = 1.101 "		
" Liquid = 0.946 "		
GILL (U. S.) = 0.1183 "		

THE METRIC SYSTEM.

WEIGHTS.

Metric Denominations and values.		Equivalents in Denominations in use.	
Names.	No. Grams.	Weight of each quantity of water at maximum density.	Apothecists' weight.
Millier or tonneau	= 1,000,000	= 1 cubic meter	= 220,465 pounds.
Quintal	= 100,000	= 1 hectoliter	= 22,046 pounds.
Myrialgram	= 10,000	= 10 liters	= 22,046 pounds.
Kilogram or kilo	= 1,000	= 1 liter	= 2,2046 pounds.
Hectogram	= 100	= 1 deciliter	= 3,5274 ounces.
Dekagram	= 10	= 10 c. centimeters	= 0,3527 ounce.
Gram	= 1	= 1 c. centimeter	= 15,432 grains.
Centigram	= .01	= 1 c. centimeter	= 15,432 grains.
Centigram	= .01	= 19 c. millimeters	= 0,1543 grain.
Milligram	= .001	= 1 c. millimeter	= 0,0154 grain.

MEASURES OF LENGTH.

Metric Denominations and Values.	Equivalents in Denominations in use.
Myriameter =	10,000 meters
Kilometer =	1,000 meters
Hectometer =	100 meters
Decameter =	10 meters
Meter =	1 meter
Decimeter =	$\frac{1}{10}$ of a meter
Centimeter =	$\frac{1}{100}$ of a meter
Millimeter =	$\frac{1}{1000}$ of a meter
	6,213.7 miles.
	0.62137 m. = 3,280 ft. 10 in.
	32.8 feet and 1 inch.
	39.37 inches.
	39.37 inches.
	3.28 feet.
	0.37 of a meter.
	0.00984 inch.

MEASURES OF SURFACE.

Metric Denominations and Values.		Equivalents in Denominations in use.	
Hectare	= 10,000 square meters	=	2.471 acres.
Are	= 100 square meters	=	119.6 square yards.
Centare	= 1 square meter	=	1.550 square inches.

MEASURES OF CAPACITY.

Metric Denominations and Values.			Equivalents in Domestic Measures in Use.		
Names.	No. Liters.	Cubic Measure.	Dry Measure.	Wine Measure.	
Kiloliter	== 1,000	== 1 cubic meter	== 1,056 bushels pecks	==	264.17 galls.
Hectoliter	== 100	== 1 cubic meter	== 105.6 bushels pecks	==	26.417 galls.
Decaliter	== 10	== 10 d. decimeters	== 10.56 quarts	==	2.6417 galls.
Liter	== 1	== 1 d. decimeter	== 1.056 quarts	==	.26417 galls.
Deciliter	== .1	== 1 d. decimeter	== 1.056 bushels pecks	==	2.6417 galls.
Centiliter	== .01	== 1 c. centimeters	== 0.1056 cubic in.	==	0.338 fluid oz.
Milliliter	== .001	== 1 c. centimeter	== 0.001 cubic inch.	==	0.037 fluid oz.

RATES OF POSTAGE

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States and Canada, with an additional one-cent stamp they go to all parts of Europe.

ALL LETTERS, to all parts of the United States and Canada, 3 cents per half-ounce.

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

NEWSPAPERS, daily, semi-weekly, tri-weekly and weeklies, regularly issued and sent to regular subscribers, 2 cents per pound, payable at the office of publication; newspapers and magazines published less frequently than once a week, 2 cents per pound.

TRANSIENT NEWSPAPERS, Magazines, Pamphlets, Books (printed), Calendars, Catalogues, Corrected Proofs, Handbills, Maps (lithographed or engraved), Music (printed sheet), Posters, Proof-sheets and Prospectuses, 1 cent for each two ounces or fraction thereof. All other miscellaneous matter, including unsealed Circulars, Blank Books, Book Manuscripts, Photographs, &c., and also Seeds, Cuttings, Bulbs and Roots, and Merchandise, not exceeding four pounds in weight, 1 cent for each ounce or fraction thereof.

The following are the postal rates with Europe. The rates for letters are for the half-ounce or fraction thereof, and those for newspapers for four 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 2 cents.

For Asiatic countries, the half-ounce limit for letters, and the four ounces for newspapers, still holding good, the rates are:—

To Australia, letters, via San Francisco (except to New South Wales), 5 cents, via Southampton 15 cents, via Brindisi 10 cents; newspapers, via San Francisco 2 cents, via Southampton 4 cents, via Brindisi 6 cents; China, letters, via San Francisco 5 cents, via Southampton 11 cents, via Brindisi 15 cents, newspapers 2, 4 and 6 cents, by the respective routes; British India, Italian mail, letters 5 cents, newspapers 6 cents; Japan, letters, via San Francisco 5 cents, newspapers 2 cents.

U. S. MONEY ORDERS.

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

On Orders not exceeding \$15,	10 cents.
Over \$15 " "	\$30, 15 "
" \$30 " "	" 40, 20 "
" \$40 " "	" \$50, 25 "

When a larger sum than fifty dollars is required, additional Orders to make it up must be obtained.

BUSINESS LAW IN DAILY USE.

The following compilation of business law contains the essence of a large amount of legal verbiage:

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Notes bear interest only when so stated.

Principals are responsible for the acts of their agents.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

Ignorance of the law excuses no one.

The law compels no one to do impossibilities.

An agreement without consideration is void.

A note made on Sunday is void.

Contracts made on Sunday cannot be enforced.

A note by a minor is void.

A contract made with a minor is void.

A contract made with a lunatic is void.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

It is a fraud to conceal a fraud.

Signatures made with a lead pencil are good in law.

A receipt for money is not always conclusive.

The acts of one partner bind all the rest.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

If the time of payment of a note is not inserted, it is held payable on demand.

The time of payment of a note must not depend upon a contingency. The promise must be absolute.

A bill may be written upon any paper, or substitute for it, either with ink or pencil.

The payee should be distinctly named in the note, unless it is payable to bearer.

An indorsee has a right of action against all whose names were on the bill when he received it.

If the letter containing a protest of non-payment be put into the post office, any miscarriage does not affect the party giving notice.

Notice of protest may be sent either to the place of business or of residence of the party notified.

The holder of a note may give notice of protest either to all the previous indorsers or only to one of them; in case of the latter he must select the last indorser, and the last must give notice to the last before him, and so on. Each indorser must send notice the same day or the day following. Neither Sunday or legal holiday is to be counted in reckoning the time in which notice is to be given.

The loss of a bill or note is not sufficient excuse for not giving notice of protest.

If two or more persons as partners are jointly liable on a note or bill, due notice to one of them is sufficient.

If a note or bill is transferred as security, or even as payment of a pre-existing debt, the debt revives if the bill or note be dishonored.

An indorsement may be written on the face or back.

An indorser may prevent his own liability to be sued by writing "without recourse," or similar words.

All claims which do not rest upon a seal or judgment must be sued within six years from the time when they arise.

Part payment of a debt which has passed the time of statutory limitation revives the whole debt, and the claim holds good for another period of six years from the date of such partial payment.

A verbal promise to pay, made without conditions, is generally held as sufficient to revive a claim otherwise shut out by the law of limitation.

If, when a debt is due, the debtor is out of the State, the "six years" do not begin to run until he returns. If he afterward leave the State, the time forward counts the same as if he remained in the State.

An oral agreement must be proved by evidence. A written agreement proves itself. The law prefers written to oral evidence because of its precision.

No evidence may be introduced to contradict or vary a written contract; but it may be received in order to explain it, when such contract is in need of explanation.

MORNING AND EVENING STARS.

MERCURY will be visible as Evening Star about March 10; July 5, and November 3; and as Morning Star about April 26, August 21, and December 13.

VENUS will be Morning Star till July 13, and Evening Star the rest of the year.

JUPITER will be Evening Star till March 15; then Morning Star till October 7; and Evening Star again the rest of the year.

FIXED AND MOVABLE FESTIVALS.

Epiphany,	Jan. 6	Rogation Sunday, . . .	May 2
Septuagesima Sunday, . .	Jan. 25	Ascension Day, . . .	May 6
Shrove Sunday,	Feb. 8	Whit Sunday,	May 16
Ash Wednesday,	Feb. 11	Trinity Sunday, . . .	May 23
First Sunday in Lent, . .	Feb. 15	Corpus Christi, . . .	May 27
St. Patrick,	Mar. 17	St. John, Baptist, . .	June 24
Palm Sunday,	Mar. 21	Michaelmas Day, . .	Sept. 29
Annunciation,	Mar. 25	First Sunday in Advent, .	Nov. 28
Good Friday,	Mar. 26	St. Andrew,	Nov. 30
Easter Sunday,	Mar. 28	St. Thomas,	Dec. 21
Low Sunday,	April 4	Christmas,	Dec. 25
St. George,	April 23		

CHRONOLOGICAL CYCLES.

Dominical Letters, . . .	D. C.	Solar Cycle,	13
Epact,	18	Roman Indiction, . . .	3
Golden Number,	19	Julian Period,	6593

THE SEASONS.

Vernal Equinox (Spring begins),	Mar. 20, oh. A. M.
Summer Solstice (Summer begins),	June 20, 8h. P. M.
Autumnal Equinox (Autumn begins),	Sept. 22, 11h. A. M.
Winter Solstice (Winter begins),	Dec. 21, 5h. A. M.

Given in Washington time.

ECLIPSES IN THE YEAR 1880.

In the year 1880 there will be six Eclipses; four of the Sun and two of the Moon.

I. A TOTAL ECLIPSE OF THE SUN, January 11. Invisible east of a line drawn through St. Joseph, Mo., and Baton Rouge, La. Visible to the western quarter of North America and to the Pacific Ocean; being central and total along a line distant twenty miles south of and parallel to a line drawn through Monterey, Cal., Mariposa, and Salt Lake City. Elsewhere it will be partial.

The Eclipse will begin as follows:

Denver, Col.	11d. 4h. 1m. A.
Santa Fe, New Mexico	11d. 4h. 1m. A.
Salt Lake City, Utah	11d. 3h. 24m. A.

The Sun setting more or less eclipsed.

II. A TOTAL ECLIPSE OF THE MOON, June 22. Invisible. Visible to Asia, Australia, the Pacific Ocean, and western edge of No. America.

III. AN ANNULAR ECLIPSE OF THE SUN, July 7. Invisible. Visible to the southern half of South America, to Cape of Good Hope, and to South Atlantic Ocean.

IV. AN UNIMPORTANT PARTIAL ECLIPSE OF THE SUN, December 1. Invisible. Visible to Southern Ocean.

V. A TOTAL ECLIPSE OF THE MOON, December 16. Visible more or less to the world generally, except to South America, the West India Islands, and eastern portion of North America. To the eastern seaboard it will be wholly invisible. To the adjoining region, as far west as the Mississippi River, the Moon will set in the morning tinged with the advancing Penumbral shade. To the region still further west the Moon will set more or less in shadow.

VI. A PARTIAL ECLIPSE OF THE SUN, December 31. Visible to the eastern portion of North America as far west as Illinois and Mississippi, to Europe and to North Atlantic Ocean. To all places in the United States where visible the Sun will rise partly eclipsed; the Eclipse ending in the morning at the times given, as follows:

Portland	31d. 9h. 17m. M.
Boston	31d. 9h. 5m. M.
New York	31d. 8h. 50m. M.
Columbus	31d. 7h. 59m. M.
Philadelphia	31d. 8h. 41m. M.
Washington	31d. 8h. 29m. M.
Charleston	31d. 7h. 58m. M.

Magnitude of greatest Eclipse = 0.715 (Moon's diameter = 1.)

AN OCCULTATION OF MARS will occur March 17. Visible to the eastern portion of North America: beginning shortly after sunset and lasting generally about an hour and a quarter.



JANUARY.

MOON'S PHASES.	BOSTON.	NEW YORK.
LAST QUARTER.....	5d. 2h. 5m. A.M.	5d. 1h. 53m. A.M.
NEW MOON.....	11d. 5h. 56m. P.M.	11d. 5h. 44m. P.M.
FIRST QUARTER.....	19d. 1h. 56m. A.M.	19d. 1h. 44m. A.M.
FULL MOON.....	27d. 5h. 28m. A.M.	27d. 5h. 16m. A.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Day of Mo.	N. YORK & PHILA.			
		SUN R.&S.	MOON R.&S.	BOST. Morning.	TIDE. Evening.		SUN Rises.	SUN Sets.	MOON R.&S.	N. Y. Tide.
		H. M.	H. M.	H. M.	H. M.		H. M.	H. M.	H. M.	H. M.
1	TH.	7 30	8 56	1 46	2 6	17	25 4 43	8 58	10 40	
2	FR.	7 39	10 3	2 26	2 46	27	25 4 44	10 3	11 29	
3	SA.	7 30	11 12	3 7	3 28	37	25 4 45	11 11	.....	
4	S.	7 41	MORN.	3 51	4 15	47	25 4 46	MORN.	0 37	
5	MO.	7 30	0 22	4 41	5 8	57	25 4 47	0 20	1 28	
6	TU.	7 43	1 34	5 38	6 11	67	25 4 48	1 31	2 25	
7	WE.	7 30	2 49	6 45	7 19	77	25 4 49	2 44	3 30	
8	TH.	7 45	4 5	7 54	8 29	87	25 4 50	3 59	4 38	
9	FR.	7 29	5 16	9 3	9 37	97	24 4 51	5 10	5 48	
10	SA.	7 47	6 21	10 9	10 39	107	24 4 52	6 15	6 55	
11	S.	7 29	SETS.	11 7	11 33	117	24 4 53	SETS.	7 50	
12	MO.	7 40	5 58	11 58	.....	127	24 4 54	6 2	8 42	
13	TU.	7 28	7 12	0 22	0 45	137	23 4 55	7 15	9 32	
14	WE.	7 51	8 24	1 8	1 30	147	23 4 56	8 25	10 14	
15	TH.	7 27	9 32	1 51	2 12	157	23 4 57	9 32	10 54	
16	FR.	7 54	10 38	2 32	2 52	167	22 4 58	10 37	11 35	
17	SA.	7 26	11 41	3 12	3 33	177	22 4 59	11 39	.....	
18	S.	7 56	MORN.	3 55	4 17	187	21 5 1	MORN.	0 42	
19	MO.	7 25	0 43	4 41	5 6	197	21 5 2	0 40	1 28	
20	TU.	7 59	1 45	5 33	6 1	207	20 5 3	1 41	2 19	
21	WE.	7 24	2 46	6 29	6 58	217	20 5 4	2 41	3 15	
22	TH.	7 51	3 44	7 27	7 56	227	19 5 5	3 38	4 12	
23	FR.	7 23	4 38	8 25	8 53	237	18 5 6	4 32	5 10	
24	SA.	7 53	5 27	9 19	9 45	247	17 5 8	5 21	6 5	
25	S.	7 21	6 10	10 10	10 34	257	17 5 9	6 5	6 56	
26	MO.	7 56	6 46	10 58	11 19	267	16 5 10	6 41	7 41	
27	TU.	7 20	RISES.	11 39	11 58	277	15 5 11	RISES.	8 21	
28	WE.	7 58	6 46	.....	0 18	287	14 5 12	6 48	9 4	
29	TH.	7 18	7 55	0 39	0 59	297	14 5 14	7 56	9 45	
30	FR.	7 11	9 4	1 18	1 37	307	13 5 15	9 3	10 22	
31	SA.	7 16	10 13	1 58	2 19	317	12 5 16	10 11	11 1	



FEBRUARY.

MOON'S PHASES.	BOSTON.	NEW YORK.
LAST QUARTER.....	3d. 10h. 55m. A.M.	3d. 10h. 43m. A.M.
NEW MOON.....	10d. 6h. 33m. A.M.	10d. 6h. 21m. A.M.
FIRST QUARTER.....	17d. 11h. 1m. P.M.	17d. 10h. 49m. P.M.
FULL MOON.....	25d. 8h. 38m. P.M.	25d. 8h. 26m. P.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Mo.	N. YORK & PHILA.			
		SUN R.&S. H. M.	MOON R.&S. H. M.	BOST. TIDE. Morning. H. M.	Evening. H. M.		SUN Rises H. M.	SUN Sets H. M.	MOON R.&S. H. M.	N. Y. TIDE. H. M.
1	S	17 15	11 25	2 40	3 2	17	11 5	17 11	11 22	11 46
2	Mo.	15 15	MORN.	3 25	3 50	27	10 5	15 18	MORN.	0 10
3	Tu.	17 13	0 39	4 18	4 48	37	9 5	20 0	35 1	4 4
4	We.	15 18	1 52	5 21	5 55	47	8 5	21 1	47 2	7 2
5	Th.	17 10	3 3	6 31	7 5	57	7 5	22 2	57 3	16 3
6	Fr.	15 20	4 7	7 45	8 21	67	6 5	23 4	1 4	30 3
7	Sa.	17 8	5 2	8 55	9 26	77	5 5	25 4	56 5	39 3
8	S	15 23	5 47	9 56	10 25	87	4 5	26 5	42 6	43 3
9	Mo.	17 6	6 24	10 51	11 15	97	2 5	27 6	20 7	34 3
10	Tu.	15 25	SETS.	11 37	11 57	107	1 5	28 7	20 8	20 3
11	We.	17 3	7 10	.....	0 18	117	0 5	29 7	11 9	3 3
12	Th.	15 28	8 17	0 38	0 57	126	59 5	31 8	16 9	44 3
13	Fr.	17 0	9 23	1 16	1 36	136	58 5	32 9	21 10	20 3
14	Sa.	15 31	10 28	1 56	2 16	146	56 5	33 10	25 10	58 3
15	S	17 58	11 31	2 36	2 56	156	55 5	34 11	27 11	40 3
16	Mo.	15 33	MORN.	3 17	3 39	166	53 5	36 MORN.	0 2	2 3
17	Tu.	17 55	0 33	4 2	4 27	176	53 5	37 0	28 0	49 3
18	We.	15 36	1 33	4 54	5 23	186	51 5	38 1	27 1	41 3
19	Th.	17 52	2 29	5 53	6 24	196	50 5	39 2	23 2	39 3
20	Fr.	15 38	3 19	6 54	7 24	206	48 5	40 3	13 3	39 3
21	Sa.	17 49	4 4	7 53	8 22	216	47 5	42 3	5 4	38 3
22	S	15 41	4 43	8 50	9 17	226	45 5	43 4	38 5	35 3
23	Mo.	17 46	5 17	9 42	10 6	236	44 5	44 5	13 6	28 3
24	Tu.	15 43	5 46	10 29	10 50	246	43 5	45 5	43 7	14 3
25	We.	17 46	RISES.	11 11	11 31	256	41 5	46 RISES.	7 53	3 3
26	Th.	15 46	6 50	11 51	.....	266	40 5	48 6	50 8	34 3
27	Fr.	17 49	8 1	0 10	0 30	276	38 5	49 8	0 9	17 3
28	Sa.	15 48	9 14	0 50	1 11	286	37 5	50 9	11 9	57 3
29	S	17 37	10 28	1 33	1 56	296	35 5	51 10	24 10	39 3
30	Mo.	15 48	11 51	2 16	2 39	306	33 5	52 11	24 11	39 3
31	Tu.	17 37	12 11	3 0	3 23	316	31 5	53 12	24 12	39 3



MARCH.

MOON'S PHASES.	BOSTON.	NEW YORK.
LAST QUARTER.....	3d. 6h. 23m. P.M.	3d. 6h. 11m. P.M.
NEW MOON.....	10d. 8h. 3m. P.M.	10d. 7h. 51m. P.M.
FIRST QUARTER.....	18d. 7h. 52m. P.M.	18d. 7h. 40m. P.M.
FULL MOON.....	26d. 8h. 39m. P.M.	26d. 8h. 27m. P.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Mo.	N. YORK & PHILA.			
		SUN R.&S. H. M.	MOON R.&S. H. M.	BOST. TIDE. Morning. H. M.	Evening. H. M.		SUN Rises H. M.	SUN Sets H. M.	MOON R.&S. H. M.	N. Y. TIDE. H. M.
1	Mo.	16 35	11 42	2 19	2 44	16	34 5	52 11	37 11	26 3
2	Tu.	15 52	MORN.	3 10	3 37	26	32 5	53 MORN.	.....	.....
3	We.	17 30	0 54	4 7	4 39	36	31 5	54 0	48 0	54 3
4	Th.	15 54	2 0	5 13	5 49	46	29 5	55 1	54 2	0 3
5	Fr.	17 28	2 57	6 20	7 3	56	28 5	56 2	51 3	12 3
6	Sa.	15 57	3 44	7 38	8 12	66	26 5	57 3	39 4	23 3
7	S	17 25	4 22	8 43	9 11	76	24 5	59 4	18 5	27 3
8	Mo.	15 59	4 54	9 38	10 3	86	23 0	0 4	51 6	24 3
9	Tu.	17 22	5 23	10 27	10 49	96	21 6	1 5	21 7	12 3
10	We.	16 1	SETS.	11 9	11 29	106	19 6	2 SETS.	7 52	3 3
11	Th.	17 18	7 5	11 47	.....	116	18 6	3 7	4 8	31 3
12	Fr.	16 4	8 12	0 5	0 24	126	16 6	4 8	10 9	11 3
13	Sa.	17 15	9 16	0 43	1 3	136	15 6	5 9	12 9	49 3
14	S	16 6	10 19	1 23	1 43	146	13 6	6 10	14 10	27 3
15	Mo.	17 12	11 20	2 3	2 24	156	11 6	7 11	15 11	6 3
16	Tu.	16 8	MORN.	2 45	3 7	166	10 6	8 MORN.	11 52	3 3
17	We.	17 8	0 18	3 31	3 55	176	8 6	9 0	12 0	17 3
18	Th.	16 10	1 11	4 21	4 49	186	6 6	11 1	5 1	8 3
19	Fr.	17 5	1 57	5 18	5 48	196	5 6	12 1	51 2	4 3
20	Sa.	16 13	2 37	6 18	6 48	206	3 6	13 2	32 3	4 3
21	S	17 1	3 12	7 18	7 47	216	1 6	14 3	7 4	3 3
22	Mo.	16 15	3 43	8 14	8 40	226	0 6	15 3	40 4	58 3
23	Tu.	15 58	4 11	9 6	9 30	236	5 8	16 4	9 5	51 3
24	We.	16 17	4 37	9 54	10 18	246	5 6	17 4	36 6	40 3
25	Th.	15 54	5 2	10 39	11 1	256	5 5	18 5	2 7	24 3
26	Fr.	16 19	RISES.	11 23	11 43	266	5 3	19 RISES.	8 4	3 3
27	Sa.	15 51	8 9	.....	0 4	276	5 1	20 6	8 6	49 3
28	S	16 22	9 27	0 27	0 50	286	5 0	21 9	22 9	36 3
29	Mo.	15 47	10 42	1 14	1 39	296	4 8	22 10	37 10	24 3
30	Tu.	16 24	11 51	2 5	2 33	306	4 6	23 11	45 11	15 3
31	We.	15 44	MORN.	3 1	3 30	316	4 5	24 MORN.	.....	.....



APRIL.

MOON'S PHASES.

BOSTON.

NEW YORK.

LAST QUARTER.....	2d. 1h. 29m. A.M.	2d. 1h. 17m. A.M.
NEW MOON.....	9d. 10h. 23m. A.M.	9d. 10h. 11m. A.M.
FIRST QUARTER.....	17d. 2h. 30m. P.M.	17d. 2h. 18m. P.M.
FULL MOON.....	24d. 6h. 6m. P.M.	24d. 5h. 54m. P.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Day of Mo.	N. YORK & PHILA.			
		SUN R.&S.	MOON R.&S.	BOST. TIDE.			SUN Rises	SUN Sets.	MOON R.&S.	N. Y. TIDE.
		H. M.	H. M.	Morning. Evening.	H. M.		H. M.	H. M.	H. M.	H. M.
1	TH.	75 42	0 52	4 1 4 33		1	5 43	6 25	0 46	0 48
2	FR.	76 27	1 43	5 7 5 42		2	5 41	6 26	1 38	1 54
3	SA.	75 39	2 23	6 16 6 49		3	5 40	6 27	2 19	3 1
4	S.	76 30	2 56	7 21 7 51		4	5 38	6 28	2 53	4 5
5	MO.	75 35	3 25	8 19 8 46		5	5 36	6 29	3 23	5 4
6	TU.	76 32	3 50	9 10 9 33		6	5 35	6 30	3 49	5 56
7	WE.	75 32	4 14	9 55 10 17		7	5 33	6 31	4 14	6 42
8	TH.	76 34	4 38	10 38 10 58		8	5 32	6 32	4 39	7 23
9	FR.	75 28	5 11	11 17 11 36		9	5 30	6 33	5 11	7 59
10	SA.	76 36	5 6	11 55.....		10	5 28	6 34	5 8	8 39
11	S.	75 25	5 9	0 14 0 34		11	5 27	6 36	5 9	9 20
12	MO.	76 38	10 7	0 54 1 14		12	5 25	6 37	10 1	10 0
13	TU.	75 22	11 2	1 35 1 57		13	5 24	6 38	10 56	10 40
14	WE.	76 41	11 51	2 19 2 41		14	5 22	6 39	11 45	11 24
15	TH.	75 19	MORN.	3 4 3 28		15	5 21	6 40	MORN.	.....
16	FR.	76 43	0 34	3 52 4 17		16	5 19	6 41	0 29	0 39
17	SA.	75 15	1 11	4 44 5 11		17	5 18	6 42	1 6	1 31
18	S.	76 45	6 42	5 39 6 7		18	5 16	6 43	1 38	2 25
19	MO.	75 12	2 10	6 36 7 4		19	5 15	6 44	2 7	3 22
20	TU.	76 47	2 36	7 32 7 59		20	5 13	6 45	2 34	4 17
21	WE.	75 9	3 1	8 25 8 51		21	5 12	6 46	3 5	5 10
22	TH.	76 50	3 26	9 16 9 40		22	5 10	6 47	3 27	6 2
23	FR.	75 6	3 53	10 5 10 31		23	5 9	6 48	3 55	6 51
24	SA.	76 52	4 25	10 56 11 20		24	5 8	6 49	4 28	7 39
25	S.	75 3	RISES.	11 44.....		25	5 6	6 50	RISES.	.....
26	MO.	76 54	9 35	0 9 0 35		26	5 5	6 51	9 29	9 21
27	TU.	75 0	10 41	1 2 1 30		27	5 3	6 52	10 35	10 15
28	WE.	76 56	11 37	1 59 2 27		28	5 2	6 53	11 32	11 9
29	TH.	74 58	MORN.	2 54 3 22		29	5 1	6 54	MORN.	.....
30	FR.	76 59	0 22	3 51 4 21		30	4 59	6 55	0 17	0 38



MAY.

MOON'S PHASES.

BOSTON.

NEW YORK.

LAST QUARTER.....	1d. 9h. 9m. A.M.	1d. 8h. 57m. A.M.
NEW MOON.....	9d. 1h. 32m. A.M.	9d. 1h. 20m. A.M.
FIRST QUARTER.....	17d. 5h. 39m. A.M.	17d. 5h. 27m. A.M.
FULL MOON.....	24d. 1h. 55m. A.M.	24d. 1h. 43m. A.M.
LAST QUARTER.....	30d. 6h. 9m. P.M.	30d. 5h. 57m. P.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Day of Mo.	N. YORK & PHILA.			
		SUN R.&S.	MOON R.&S.	BOST. TIDE.			SUN Rises	SUN Sets.	MOON R.&S.	N. Y. TIDE.
		H. M.	H. M.	Morning. Evening.	H. M.		H. M.	H. M.	H. M.	H. M.
1	SA.	74 55	0 58	4 52 5 23		1	4 58	6 56	0 54	1 39
2	S.	77 1	1 28	5 52 6 21		2	4 57	6 57	1 26	2 38
3	MO.	74 52	1 54	6 50 7 19		3	4 56	6 58	1 53	3 36
4	TU.	77 3	2 18	7 46 8 11		4	4 54	6 59	2 18	4 30
5	WE.	74 49	2 42	8 35 8 58		5	4 53	7 0	2 43	5 20
6	TH.	77 5	3 6	9 21 9 44		6	4 52	7 2	3 8	6 7
7	FR.	74 47	3 31	10 6 10 28		7	4 51	7 3	3 34	6 52
8	SA.	77 7	4 1	10 49 11 9		8	4 50	7 4	4 5	7 33
9	S.	74 45	SETS.	11 29 11 49		9	4 49	7 5	SETS.	8 12
10	MO.	77 9	8 54	 0 9		10	4 47	7 6	8 48	8 54
11	TU.	74 42	9 45	0 30 0 51		11	4 46	7 7	9 39	9 39
12	WE.	77 12	10 29	1 13 1 34		12	4 45	7 8	10 23	10 19
13	TH.	74 40	11 8	1 56 2 18		13	4 44	7 9	11 3	11 0
14	FR.	77 14	11 41	2 40 3 1		14	4 43	7 10	11 37	11 45
15	SA.	74 38	MORN.	3 23 3 46		15	4 42	7 10	MORN.	0 9
16	S.	77 16	0 10	4 9 4 34		16	4 42	7 11	0 7	0 56
17	MO.	74 36	0 36	4 59 5 20		17	4 41	7 12	0 34	1 46
18	TU.	77 18	1 1	5 53 6 26		18	4 40	7 13	1 0	2 39
19	WE.	74 34	1 25	6 47 7 15		19	4 39	7 14	1 25	3 33
20	TH.	77 20	1 51	7 44 8 13		20	4 38	7 15	1 52	4 28
21	FR.	74 32	2 20	8 41 9 10		21	4 37	7 16	2 23	5 26
22	SA.	77 22	2 54	9 38 10 6		22	4 36	7 17	2 58	6 24
23	S.	74 31	3 35	10 34 11 2		23	4 36	7 18	3 40	7 19
24	MO.	77 24	RISES.	11 30 11 57		24	4 35	7 18	RISES.	8 12
25	TU.	74 29	9 24	 0 24		25	4 34	7 19	9 18	9 11
26	WE.	77 25	10 15	0 52 1 21		26	4 34	7 20	10 10	10 7
27	TH.	74 28	10 56	1 49 2 15		27	4 33	7 21	10 52	10 57
28	FR.	77 27	11 29	2 41 3 7		28	4 33	7 22	11 26	11 52
29	SA.	74 27	11 57	3 32 3 58		29	4 32	7 23	11 55	0 19
30	S.	77 29	MORN.	4 24 4 51		30	4 32	7 23	MORN.	1 11
31	MO.	74 26	0 22	5 18 5 44		31	4 31	7 24	0 22	2 4



JUNE.

MOON'S PHASES.	BOSTON.			NEW YORK.		
NEW MOON.....	7d.	5h.	11m. P.M.	7d.	4h.	59m. P.M.
FIRST QUARTER.....	15d.	5h.	7m. P.M.	15d.	4h.	55m. P.M.
FULL MOON.....	22d.	9h.	2m. A.M.	22d.	8h.	50m. A.M.
LAST QUARTER.....	29d.	5h.	13m. A.M.	29d.	5h.	1m. A.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.					Day of Mo.	N. YORK & PHILA.				
		SUN R.&S.		MOON R.&S.	BOST. TIDE.			SUN Rises	SUN Sets.	MOON R.&S.	N. Y. TIDE.	
		H. M.	H. M.	Morning. H. M.	Evening. H. M.	H. M.		H. M.	H. M.	H. M.		
1	TU.	74 25	0 46	6 10	6 37	1	14 31	7 25	0 47	2 56		
2	WE.	77 31	1 11	7 4	7 31	2	14 30	7 26	1 13	3 50		
3	TH.	74 25	1 36	7 57	8 22	3	14 30	7 26	1 39	4 42		
4	FR.	77 32	2 3	8 47	9 11	4	14 29	7 27	2 7	5 32		
5	SA.	74 24	2 34	9 35	9 59	5	14 29	7 28	2 39	6 21		
6	S.	77 34	3 11	10 23	10 46	6	14 29	7 28	3 16	7 8		
7	MO.	74 23	SETS.	11 7	11 28	7	14 29	7 29	SETS.	7 50		
8	TU.	77 35	8 29	11 49	.....	8	14 28	7 29	8 23	8 32		
9	WE.	74 23	9 8	0 9	0 30	9	14 28	7 30	9 3	9 17		
10	TH.	77 36	9 43	0 51	1 12	10	14 28	7 30	9 39	9 58		
11	FR.	74 22	10 13	1 33	1 54	11	14 28	7 31	10 9	10 37		
12	SA.	77 37	10 39	2 14	2 34	12	14 28	7 31	10 37	11 17		
13	S.	74 22	11 4	2 54	3 14	13	14 28	7 32	11 3	11 59		
14	MO.	77 38	11 28	3 35	3 57	14	14 28	7 32	11 28	0 21		
15	TU.	74 22	11 52	4 20	4 45	15	14 28	7 33	11 53	1 7		
16	WE.	77 38	MOON.	5 11	5 38	16	14 28	7 33	MOON.	1 57		
17	TH.	74 22	0 18	6 7	6 37	17	14 28	7 33	0 20	2 53		
18	FR.	77 39	0 48	7 8	7 40	18	14 28	7 34	0 51	3 53		
19	SA.	74 23	1 25	8 13	8 45	19	14 28	7 34	1 29	4 57		
20	S.	77 40	2 10	9 17	9 49	20	14 28	7 34	2 15	6 3		
21	MO.	74 23	3 5	10 21	10 51	21	14 29	7 34	3 11	7 7		
22	TU.	77 40	RISES.	11 20	11 48	22	14 29	7 35	RISES.	8 1		
23	WE.	74 24	8 49	.....	0 14	23	14 29	7 35	8 44	9 0		
24	TH.	77 40	9 26	0 40	1 6	24	14 29	7 35	9 23	9 52		
25	FR.	74 24	9 57	1 31	1 56	25	14 30	7 35	10 23	10 39		
26	SA.	77 40	10 24	2 19	2 42	26	14 30	7 35	10 49	11 24		
27	S.	74 25	10 49	3 4	3 27	27	14 31	7 35	11 15	0 37		
28	MO.	77 40	11 14	3 50	4 14	28	14 31	7 35	11 42	1 25		
29	TU.	74 26	11 39	4 38	5 2	29	14 31	7 35	11 42	1 25		
30	WE.	77 40	MORN.	5 28	5 56	30	14 32	7 35	MORN.	2 15		



JULY.

MOON'S PHASES.	BOSTON.			NEW YORK.		
NEW MOON.....	7d.	8h.	37m. A.M.	7d.	8h.	25m. A.M.
FIRST QUARTER.....	15d.	1h.	32m. A.M.	15d.	1h.	20m. A.M.
FULL MOON.....	21d.	4h.	18m. P.M.	21d.	4h.	6m. P.M.
LAST QUARTER.....	28d.	6h.	57m. P.M.	28d.	6h.	45m. P.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.					Day of Mo.	N. YORK & PHILA.				
		SUN	MOON	BOST.	TIDE.	SUN		SUN	MOON	N. Y.		
		R.&S.	R.&S.	Morning.	Evening.	Rises		Sets	R.&S.	TIDE.		
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.			
1	TH.	74 27	0 6	6 23	6 51	1	14 32	7 35	0 10	3 9		
2	FR.	77 40	0 36	7 18	7 46	2	14 33	7 34	1 41	4 3		
3	SA.	74 28	1 11	8 14	8 41	3	14 33	7 34	1 16	4 59		
4	S.	77 40	1 52	9 7	9 32	4	14 34	7 34	1 58	5 52		
5	MO.	74 29	2 39	9 57	10 22	5	14 35	7 34	2 45	6 44		
6	TU.	77 39	3 32	10 45	11 7	6	14 35	7 33	3 38	7 29		
7	WE.	74 30	SETS.	11 28	11 48	7	14 36	7 33	SETS.	8 10		
8	TH.	77 38	8 17	.....	0 8	8	14 37	7 33	8 13	8 53		
9	FR.	74 32	8 44	0 27	0 47	9	14 38	7 32	8 41	9 33		
10	SA.	77 37	9 9	1 6	1 26	10	14 38	7 32	9 7	10 10		
11	S.	74 33	9 33	1 45	2 5	11	14 39	7 32	9 32	10 47		
12	MO.	77 36	9 57	2 24	2 43	12	14 39	7 31	9 58	11 27		
13	TU.	74 35	10 21	3 3	3 25	13	14 40	7 31	10 23	.....		
14	WE.	77 35	10 48	3 48	4 12	14	14 41	7 30	10 51	0 34		
15	TH.	74 36	11 21	4 38	5 6	15	14 41	7 30	11 25	1 25		
16	FR.	77 34	MORN.	5 37	6 9	16	14 42	7 29	MORN.	2 23		
17	SA.	74 38	0 11	6 43	7 19	17	14 43	7 28	0 6	3 29		
18	S.	77 32	0 50	7 55	8 31	18	14 44	7 28	0 56	4 40		
19	MO.	74 40	1 50	9 6	9 39	19	14 45	7 27	1 56	5 51		
20	TU.	77 31	3 0	10 10	10 40	20	14 45	7 26	3 6	6 56		
21	WE.	74 42	RISES.	11 9	11 35	21	14 46	7 25	RISES.	7 51		
22	TH.	77 29	7 54	11 58	.....	22	14 47	7 25	7 51	8 43		
23	FR.	74 44	8 23	0 21	0 44	23	14 48	7 24	8 21	9 31		
24	SA.	77 28	8 50	1 7	1 29	24	14 49	7 23	8 50	10 14		
25	S.	74 45	9 15	1 50	2 11	25	14 50	7 22	9 16	10 53		
26	MO.	77 26	9 40	2 32	2 54	26	14 51	7 21	9 42	11 37		
27	TU.	74 47	10 7	3 15	3 36	27	14 52	7 20	10 10	.....		
28	WE.	77 23	10 37	3 59	4 24	28	14 53	7 19	10 41	0 46		
29	TH.	74 49	11 11	4 50	5 17	29	14 54	7 18	11 16	1 36		
30	FR.	77 21	11 50	5 45	6 14	30	14 55	7 17	11 56	2 31		
31	SA.	74 51	MORN.	6 44	7 14	31	14 56	7 16	MORN.	3 30		



AUGUST.

MOON'S PHASES.	BOSTON.	NEW YORK.
NEW MOON.....	5d. 11h. 4m. P.M.	5d. 10h. 52m. P.M.
FIRST QUARTER.....	13d. 7h. 58m. A.M.	13d. 7h. 46m. A.M.
FULL MOON.....	20d. oh. 34m. A.M.	20d. oh. 22m. A.M.
LAST QUARTER.....	27d. 11h. 31m. A.M.	27d. 11h. 19m. A.M.

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



SEPTEMBER.

MOON'S PHASES.	BOSTON.	NEW YORK.
NEW MOON.....	4d. oh. 8m. P.M.	4d. 11h. 56m. A.M.
FIRST QUARTER.....	11d. 1h. 41m. P.M.	11d. 1h. 29m. P.M.
FULL MOON.....	18d. 10h. 45m. A.M.	18d. 10h. 33m. A.M.
LAST QUARTER.....	26d. 6h. 24m. A.M.	26d. 6h. 12m. A.M.

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



OCTOBER.

MOON'S PHASES.				BOSTON.				NEW YORK.			
NEW MOON.....				3d. 11h. 59m. P.M.				3d. 11h. 47m. P.M.			
FIRST QUARTER.....				10d. 7h. 51m. P.M.				10d. 7h. 39m. P.M.			
FULL MOON.....				17d. 11h. 42m. P.M.				17d. 11h. 30m. P.M.			
LAST QUARTER.....				26d. 2h. 16m. A.M.				26d. 2h. 4m. A.M.			

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Day of Mo.	Day of Week.	N. YORK & PHILA.			
		SUN RISES.	MOON RISES.	BOST. TIDE.	EVENING.			SUN RISES.	MOON RISES.	N. Y. TIDE.	EVENING.
1	FR.	5 57	3 8	9 10	9 32	1	5 57	5 42	3 9	5 55	
2	SA.	5 39	4 14	9 55	10 18	2	5 58	5 40	4 14	6 41	
3	MO.	5 0	5 23	10 40	11 2	3	5 59	5 38	5 22	7 25	
4	TU.	5 36	SETS.	11 23	11 43	4	6 0	5 37	SETS.	8 5	
5	WE.	5 2	6 2	11 23	0 4	5	6 1	5 35	6 6	8 49	
6	TH.	5 33	6 42	0 27	0 51	6	6 2	5 33	6 47	9 39	
7	FR.	5 4	7 31	1 16	1 42	7	6 3	5 32	7 37	10 25	
8	SA.	5 29	8 29	2 8	2 35	8	6 4	5 30	8 35	11 17	
9	MO.	5 6	9 34	3 2	3 31	9	6 5	5 29	9 39	12 1	
10	TU.	5 25	10 45	4 1	4 33	10	6 6	5 27	10 50	0 48	
11	WE.	5 9	11 58	5 6	5 40	11	6 7	5 26	MORN.	1 52	
12	TH.	5 23	MORN.	6 13	6 45	12	6 8	5 24	0 2	2 59	
13	FR.	5 11	1 10	7 10	7 46	13	6 9	5 22	1 13	4 1	
14	SA.	5 19	2 21	8 15	8 42	14	6 10	5 21	2 22	4 59	
15	MO.	5 14	3 30	9 7	9 32	15	6 11	5 19	3 31	5 52	
16	TU.	5 16	4 38	9 55	10 17	16	6 13	5 18	4 37	6 41	
17	WE.	5 16	5 44	10 39	11 0	17	6 14	5 16	5 42	7 24	
18	TH.	5 13	RISES.	11 21	11 41	18	6 15	5 15	RISES.	8 2	
19	FR.	5 18	5 41	11 21	0 1	19	6 16	5 13	5 46	8 45	
20	SA.	5 10	6 20	0 21	0 42	20	6 17	5 12	6 25	9 28	
21	MO.	5 20	7 5	1 3	1 25	21	6 18	5 11	7 11	10 11	
22	TU.	5 7	7 55	1 47	2 9	22	6 19	5 9	8 1	10 52	
23	WE.	5 23	8 50	2 31	2 54	23	6 20	5 8	8 55	11 38	
24	TH.	5 4	9 48	3 17	3 40	24	6 21	5 6	9 53	0 2	
25	FR.	5 25	10 48	4 4	4 29	25	6 23	5 5	10 52	0 51	
26	SA.	5 11	11 49	5 5	5 21	26	6 24	5 4	11 52	1 41	
27	MO.	5 28	MORN.	5 48	6 15	27	6 25	5 3	MORN.	2 34	
28	TU.	5 58	0 52	6 42	7 9	28	6 26	5 1	0 54	3 28	
29	WE.	5 39	1 57	7 35	8 1	29	6 27	5 0	1 58	4 20	
30	TH.	5 4	3 3	8 27	8 53	30	6 28	4 59	3 2	5 13	
31	FR.	5 33	4 11	9 18	9 43	31	6 30	4 57	4 9	6 4	



NOVEMBER.

MOON'S PHASES.				BOSTON.				NEW YORK.			
NEW MOON.....				2d. 11h. 11m. A.M.				2d. 10h. 59m. A.M.			
FIRST QUARTER.....				9d. 3h. 36m. A.M.				9d. 3h. 24m. A.M.			
FULL MOON.....				16d. 3h. 55m. P.M.				16d. 3h. 43m. P.M.			
LAST QUARTER.....				24d. 9h. 21m. P.M.				24d. 9h. 9m. P.M.			

Day of Mo.	Day of Week.	BOSTON & CHICAGO.				Day of Mo.	Day of Week.	N. YORK & PHILA.			
		SUN RISES.	MOON RISES.	BOST. TIDE.	EVENING.			SUN RISES.	MOON RISES.	N. Y. TIDE.	EVENING.
1	MO.	5 34	5 22	10 8	10 33	1	6 31	4 56	5 19	6 54	
2	TU.	5 52	6 37	10 58	11 23	2	6 32	4 55	6 33	7 41	
3	WE.	5 36	SETS.	11 47	12 3	3	6 33	4 54	SETS.	8 30	
4	TH.	5 49	6 19	0 11	0 37	4	6 34	4 53	6 25	9 24	
5	FR.	5 39	7 24	1 5	1 33	5	6 36	4 52	7 30	10 17	
6	SA.	5 47	8 35	2 0	2 27	6	6 37	4 50	8 40	11 11	
7	MO.	5 41	9 49	2 55	3 23	7	6 38	4 49	9 53	12 1	
8	TU.	5 45	11 2	3 51	4 20	8	6 39	4 48	11 5	0 37	
9	WE.	5 44	MORN.	4 49	5 10	9	6 41	4 47	MORN.	1 36	
10	TH.	5 43	0 12	5 49	6 18	10	6 42	4 46	0 14	2 35	
11	FR.	5 46	1 20	6 46	7 14	11	6 43	4 45	1 20	3 31	
12	SA.	5 41	2 27	7 42	8 9	12	6 44	4 44	2 26	4 26	
13	MO.	5 49	3 34	8 35	8 59	13	6 45	4 43	3 32	5 19	
14	TU.	5 39	4 39	9 23	9 47	14	6 46	4 43	4 36	6 9	
15	WE.	5 52	5 43	10 10	10 33	15	6 47	4 42	5 39	6 56	
16	TH.	5 37	6 45	10 56	11 17	16	6 49	4 41	6 40	7 39	
17	FR.	5 54	RISES.	11 37	11 58	17	6 50	4 40	RISES.	8 19	
18	SA.	5 35	5 48	12 0	12 19	18	6 51	4 40	5 54	9 5	
19	MO.	5 56	6 41	0 40	1 2	19	6 52	4 39	6 46	9 48	
20	TU.	5 34	7 38	1 23	1 44	20	6 54	4 38	7 43	10 28	
21	WE.	5 59	8 37	2 5	2 27	21	6 55	4 38	8 41	11 9	
22	TH.	5 33	9 37	2 48	3 9	22	6 56	4 37	9 40	11 54	
23	FR.	5 1	10 38	3 30	3 52	23	6 57	4 37	10 40	0 16	
24	SA.	5 32	11 40	4 15	4 38	24	6 58	4 36	11 41	1 2	
25	MO.	5 7	MORN.	5 2	5 27	25	6 59	4 36	MORN.	1 48	
26	TU.	5 31	0 44	5 53	6 20	26	7 0	4 36	0 44	2 39	
27	WE.	5 6	1 50	6 48	7 16	27	7 1	4 35	1 49	3 33	
28	TH.	5 30	2 58	7 44	8 13	28	7 2	4 35	2 56	4 29	
29	FR.	5 8	4 10	8 42	9 11	29	7 3	4 34	4 7	5 26	
30	SA.	5 29	5 25	9 40	10 8	30	7 4	4 34	5 20	6 25	



DECEMBER.

MOON'S PHASES.	BOSTON.	NEW YORK.
NEW MOON.....	1d. 10h. 12m. P.M.	1d. 10h. 0m. P.M.
FIRST QUARTER.....	8d. 1h. 54m. P.M.	8d. 1h. 42m. P.M.
FULL MOON.....	16d. 10h. 52m. A.M.	16d. 10h. 40m. A.M.
LAST QUARTER.....	24d. 2h. 13m. P.M.	24d. 2h. 1m. P.M.
NEW MOON.....	31d. 9h. 12m. A.M.	31d. 9h. 0m. A.M.

Day of Mo.	Day of Week.	BOSTON & CHICAGO.						Day of Mo.	N. YORK & PHILA.							
		SUN R.&S.		MOON R.&S.		BOST. TIDE.			SUN Rises		SUN Sets		MOON R.&S.		N. Y. TIDE.	
		H. M.	H. M.	Morning. H. M.	Evening. H. M.	H. M.	H. M.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.		
1	WE.	7 10	6 40	10 37	11 6			1	7 54	4 34	6 35	7 22				
2	TH.	7 12	SETS.	11 34	.....			2	7 04	4 33	SETS.	8 17				
3	FR.	7 12	6 15	0 1	0 28			3	7 14	4 33	6 20	9 13				
4	SA.	7 14	7 31	0 55	1 22			4	7 24	4 33	7 35	10 7				
5	S.	7 14	8 47	1 49	2 15			5	7 34	4 33	8 50	10 57				
6	MO.	7 16	10 1	2 41	3 6			6	7 44	4 33	10 3	11 49				
7	TU.	7 16	11 12	3 30	3 55			7	7 54	4 33	11 13	0 16				
8	WE.	7 18	MORN.	4 21	4 48			8	8 4	4 33	MORN.	1 8				
9	TH.	7 18	0 20	5 15	5 42			9	8 14	4 33	0 20	2 1				
10	FR.	7 20	1 26	6 9	6 37			10	8 24	4 33	1 24	2 55				
11	SA.	7 20	2 32	7 6	7 33			11	8 34	4 33	2 29	3 51				
12	S.	7 22	3 36	8 0	8 27			12	8 44	4 33	3 32	4 45				
13	MO.	7 21	4 38	8 53	9 19			13	8 54	4 33	4 33	5 39				
14	TU.	7 21	5 37	9 44	10 8			14	9 4	4 33	5 32	6 30				
15	WE.	7 23	6 34	10 32	10 55			15	9 14	4 33	6 28	7 17				
16	TH.	7 23	RISES.	11 17	11 38			16	9 24	4 34	RISES.	7 58				
17	FR.	7 24	5 31	11 58	.....			17	9 34	4 35	5 36	8 43				
18	SA.	7 24	6 29	0 19	0 39			18	9 44	4 35	6 33	9 25				
19	S.	7 25	7 29	0 58	1 18			19	9 54	4 35	7 33	10 4				
20	MO.	7 25	8 30	1 38	1 58			20	10 4	4 36	8 33	10 41				
21	TU.	7 26	9 31	2 17	2 36			21	10 14	4 36	9 33	11 18				
22	WE.	7 26	10 32	2 56	3 16			22	10 24	4 37	10 32	.....				
23	TH.	7 27	11 35	3 36	3 57			23	10 34	4 38	11 34	0 22				
24	FR.	7 27	MORN.	4 20	4 44			24	10 44	4 38	MORN.	1 7				
25	SA.	7 28	0 40	5 10	5 37			25	10 54	4 39	0 38	1 56				
26	S.	7 28	1 48	6 6	6 36			26	11 4	4 39	1 45	2 52				
27	MO.	7 29	2 58	7 7	7 40			27	11 14	4 40	2 54	3 53				
28	TU.	7 29	4 10	8 14	8 47			28	11 24	4 41	4 5	4 58				
29	WE.	7 29	5 22	9 19	9 51			29	11 34	4 42	5 16	6 5				
30	TH.	7 30	6 28	10 23	10 53			30	11 44	4 42	6 22	7 8				
31	FR.	7 30	7 25	11 21	11 48			31	11 54	4 43	7 20	8 4				

THURSDAY, JANUARY 1, 1880

In Hammington Ms.

FRIDAY 2

SATURDAY 3

*New & Rock port
chase*

SUNDAY, JANUARY 4, 1880

Preached at Rockport
Mass. Church opened
for first time for a
year - Communion

MONDAY 5

Union Meetings at
2 P.M. & 7-30 P.M.
during the week at
Yeh. C. A. Rooms

TUESDAY 6

WEDNESDAY, JANUARY 7, 1880

THURSDAY 8

1818 due Hockins
for far

Paul

FRIDAY 9

SATURDAY, JANUARY 10, 1880

TUESDAY, JANUARY 13, 1880

Union meetings

SUNDAY 11

Preached at W. &
at Union meeting
in evening

WEDNESDAY 14

Ditto
I call
Annual Church
meeting

MONDAY 12

Lecture at Lanesville
Staged with Rev
Mr. Andrews -
Sum 800m -

THURSDAY 15

Ditto

FRIDAY, JANUARY 16, 1886

Sitting

SATURDAY 17

Heard Lafford &
Carter Y.M.C.A.
held meeting -

17 meeting

SUNDAY 18

At ch. I attended
S.S. as usual
Lunched 12 M.

Y.M.C.A. in
evening

MONDAY, JANUARY 19, 1886

TUESDAY 20

2 meetings for
the four days. 4 cents
Tuesday -
Lecture on Italy
Horn. 40¢

WEDNESDAY 21

THURSDAY, JANUARY 22, 1880

FRIDAY 23

SATURDAY 24

King's meeting

SUNDAY, JANUARY 25, 1880

Reached R.C.H.
in Church. In
evening. Y.M.C.A.
held union
meeting with us.

MONDAY 26

Gettysburg Lecture
40¢ cost; 60¢

TUESDAY 27

Went to Wg. via
Longtown

WEDNESDAY, JANUARY 28, 1880

In N.Y. Spent
night at East
Orange N.J. at
Mr M. Dodds.

Mr Lill Shepard
of Hamden Conn. & Orange
gave me 1000 (Ct)

THURSDAY 29

Returned home
Preached in evening
at Union meeting.

In Newark &
New York

FRIDAY 30

SATURDAY, JANUARY 31, 1880

SUNDAY, FEBRUARY 1

Reached N.Y.
in evening. Spent
in Lecture Room

MONDAY 2

TUESDAY, FEBRUARY 3, 1886

FRIDAY, FEBRUARY 6, 1886

Reached Union
meeting - Learning
met me at Salem
on my way home
from Boston -

WEDNESDAY 4

A meetings

SATURDAY 7

Prayer Meeting
Here made about
60. partial sales &
am not half
"round" yet.

THURSDAY 5

Union meetings

SUNDAY 8

Feb. in Church
Lygo. people in
Sec. Room in Sunday

MONDAY, FEBRUARY 9, 1880

Reading in Church
Bad
Walk at
house

TUESDAY 10

Busy at Fairmange
Rev. Mr. Ayres of Millington
called

My Bless Coff
for East Orange N.Y.
Said Howard G. Roberts
(Chen) - c -

WEDNESDAY 11

Union Huger
meeting with a
walking band

THURSDAY, FEBRUARY 12, 1880

Busy at Fairmange
Rev. Mr. Ayres of Millington
called
Said Howard G. Roberts
(Chen) - c -

FRIDAY 13

Sitto

SATURDAY 14

Sitto - Gifts
1. 136l Apple
3. 136l Apple
15. lbs butter, Brooks
1. doz eggs, Tenell
1. 136l Apple
for bread to attend Huger
meeting. Sea Island Cakes

Ordered at day
Cakes - 2 doz

SUNDAY, FEBRUARY 15, 1880

S.M.
Mental duties of
Sister & people
evening
Sawley's Louis question
Laid what would it be like for me to do it?

MONDAY 16

In Boston with meeting
of J. S. C. C. - Frank
Chute - &c.
Went with Lawrence

TUESDAY 17

At work unpacking

WEDNESDAY, FEBRUARY 18, 1880

Sitts

Locatable. 150 at
Lecture Room

THURSDAY 19

Sitts Union
Fraser meeting at
W. S. Church

FRIDAY 20

(at home) unpacking
papers with
Sitts

SATURDAY, FEBRUARY 21, 1880

Spent the day
in the office of
the Board of Health
reporting on
the case of the
child who died
last night.

SUNDAY 22

Reached Litch. &
evening as usual.

MONDAY 23

Washington, Birth day
and
Leach's meeting
15 present

TUESDAY, FEBRUARY 24, 1880

WEDNESDAY 25

THURSDAY 26

In Boston - Letter
to Adm. from
Oct 4. Also
for the day, info
to the 2 Amherst
Hall

FRIDAY, FEBRUARY 27, 1880

Ella taken sick

SATURDAY 28

Luncheon of George Lane
of Gloucester as he was
begged & chided off
Howard Lane

SUNDAY 29

A.M. & Evening as
usual I.S. New.
In P.M. at home with Ella
Hedden & Giles
Birth day 13th (3-3)

MONDAY, MARCH 1, 1880

Kitchen meeting
Eight present

Called at Fred Giles

TUESDAY 2

Mike Zittle removed
his household goods

WEDNESDAY 3

THURSDAY, MARCH 4, 1880

Rep meeting

FRIDAY 5

SATURDAY 6

Teacher meeting

SUNDAY, MARCH 7, 1880

Communion

MONDAY 8

In Boston - R. B.
Went at minis meeting
for Cook on Spriehorn

TUESDAY 9

WEDNESDAY, MARCH 10, 1880

SATURDAY, MARCH 13, 1880

Teacher meeting
8:30

THURSDAY 11

Prayer meeting - Sun
Norm - Ken (over)

SUNDAY 14

A.M. Gods Temple
Evening - Eden of the
Word

FRIDAY 12

MONDAY 15

Heelen went to Boston
with me. Found Jos Cook -
called on Laura.

TUESDAY, MARCH 16, 1880

Olis (Gen) came
at 12.15 - & staid
till 1.40. Next
day called. York. Barton
Marshall, Galt, Brooks,
Squire, & Sanborn,
Pool & brother & d. d.

WEDNESDAY 17

Rob West spoke
at Lecture Room

Daniel came at 6.15 -
Saw.

Olis rode with
me Sat. & Sat. evening

THURSDAY 18

Prayer meeting
Good attendance

FRIDAY, MARCH 19, 1880

Ella made calls
with me on Core Hill
& Mrs. Heins on
the Harbor St. at
evening with David
at Mrs. Bartlett's & the
Clarks

SATURDAY 20

Teacher meeting

SUNDAY 21

As usual

MONDAY, MARCH 22, 1880

In Boston. Miss
Murray - Rev. Thomas -
Ed. - Sam. Tenney -
West &c
Saw Knell files
Atk. Jan & others about
Church debt

TUESDAY 23

Jan in Evening
Called Jan

WEDNESDAY 24

Called at Mr
Pierces
Jan

THURSDAY, MARCH 25, 1880

Called at Mr
Thoroughshales (J.M.)
Jan
260 H

FRIDAY 26

Prayer meeting. Vote
& dismiss the m-
ture -
To the Sunday
came
Our bag came

SATURDAY 27

Miss Peterson
came at 4 P.M.
Symposium in
Foreign travel
in Evening

SUNDAY, MARCH 28, 1880

Saw Flossie

Tea at Church

MONDAY 29

Miss P. returned - Daniel
near to Portland - I
was in Boston &
with Daniel.

Went to Cambridge & got
300¢ for Church -

At Parker House
Expense \$5.00

TUESDAY 30

Saw Mr Whitney at
the Newton Lecture &
got 50¢ for Church -
Reached home at
6.30

WEDNESDAY, MARCH 31, 1880

THURSDAY, APRIL 1

FRIDAY 2

SATURDAY, APRIL 3, 1880

From Boston

Arrived at Church

SUNDAY 4

Atk. Hall Congrega-
tion Meth report
Every 50. present!

MONDAY 5

At Boston Al Jarnie
Left Rockport

TUESDAY, APRIL 6, 1880

Chances left
Rockport

WEDNESDAY 7

Fraser meeting fine
o good
Cally

THURSDAY 8

Hot day. Rev Mr
Bones at B of Ch.
10.30 of Ch. I led
large prayer meeting
in evening
Met with Com. in
Porch

FRIDAY, APRIL 9, 1886

Calls - met with
Corn - at evening -
Mrs Whitney with
100 lb beside -

SATURDAY 10

SUNDAY 11

145 in S.P.
Pleasant day.
Sick: Edward & S.
evening - "my burden
is light" (1) (1)

MONDAY, APRIL 12, 1886

In Boston till
2.15

Fourth meeting

TUESDAY 13

At home

Adj. Fourth meeting

Lectures - W. H. Potter
& Gott. Fr. Hennig
Hennig Dennis. Calm
M. Peck

WEDNESDAY 14

Ditto

Visited circles
2 1/2 Rch 7.30
Evening
Cables

THURSDAY, APRIL 15, 1880

Worked in yard
at Garden Mrs.
men's horse

Cleaning up .700
Hersen Baker. 40.00
Spring .50
Lumber & shingles 2.50
Loss to FRIDAY 16 .75
Bean Tols — .60

SATURDAY 17

SUNDAY, APRIL 18, 1880

MONDAY 19

TUESDAY 20

WEDNESDAY, APRIL 21, 1880

Washed in yard

Garden

Washed horse

Clearing up .700

Washed bath .400

Spring .50

Washed up .250

Washed .75

Washed .50

THURSDAY 22

FRIDAY 23

SATURDAY, APRIL 24, 1880

SUNDAY 25

MONDAY 26

Adj'd Parish
Meeting

TUESDAY, APRIL 27, 1886

FRIDAY, APRIL 30, 1886

Call at South End

WEDNESDAY 28

SATURDAY, MAY 1

Call & study

THURSDAY 29

Rep Lee on Ch
Covenant

SUNDAY 27

Communion - Ten
(50) present

MONDAY, MAY 3, 1880

In Boston -
Miss meeting
Spiritualism
Rev U. Clark, M.D.

TUESDAY 4

At home - Garden
Sheep &c -
called on Mrs
Rowe

WEDNESDAY 5

THURSDAY, MAY 6, 1880

FRIDAY 7

SATURDAY 8

SUNDAY, MAY 9, 1880

Dr. Brown
Miss Mary
Spencer
Rev. W. L. Smith, M.D.

MONDAY 10

St. James - Garden
Sheep &c.
called in Mrs.
Rome

TUESDAY 11

WEDNESDAY, MAY 12, 1880

19
Leri Lenale
died at 11, A.M.

Mrs. Lane died
at night.

THURSDAY 13

FRIDAY 14

Funeral of Leri Lenale
7:30 and Mrs. Lane
Lori - in Palace

SATURDAY, MAY 15, 1880

TUESDAY, MAY 18, 1880

Mr Asa Linn, died

SUNDAY 16

WEDNESDAY 19

Essex South Conference
at ~~Lynn~~ ^{Salem} at Cheever
~~to Mr. Keill~~ - Rev
Mr. Keill. I am to
jointly open a "How
the people can aid their
pastor in his pastoral work."
Linn Linn died. 75

THURSDAY 20

MONDAY 17

At home Telegraphed
to Mr. Burham & to
Charles at Bangor

FRIDAY, MAY 21, 1880

Mr. Lennell's sister
Lena, furnished us
2 @ 3.80 each.

SATURDAY 22

SUNDAY 23

MONDAY, MAY 24, 1880

In Boston - Miss
Meady -

Mr. Haggard
Came home
with me

TUESDAY 25

at home

WEDNESDAY 26

At Anniversary in
Boston - Festival
in Every - Lane
Beane Live -

THURSDAY, MAY 27, 1880

Small R. m.
Mykot-

FRIDAY 28

SATURDAY 29

SUNDAY, MAY 30, 1880

Small R. m.
Charles Charles Smith
Allen aged 6

George Estes 18

MONDAY 31

~~George Estes~~

TUESDAY, JUNE 1

In funeral as
above.

WEDNESDAY, JUNE 2, 1880

Anniversary at
Bangor -

Meeting of W^m Bd
at Gloucester

Rent of house \$2 (1300)
By Sal 1700

THURSDAY 3

Call with Mrs. G.
Mrs. Norwood (High St.) H. Paul
Kicherson. Healy. Pickford
Geo. Buttrick. Pierce
McKenzie. All on Main St.
also Mrs. Fierston -

FRIDAY 4th

See Mr. J. H. Moishell

SATURDAY, JUNE 5, 1880

Call on Son, Lane.

Stillman, John S. John
Nath - John Mrs. J.
Ester. Elvete (Miss)

SUNDAY 6th

MONDAY 7th

In Boston

TUESDAY, JUNE 8, 1880

At ~~Dur~~chester for
night before

Went to Pawtucket

WEDNESDAY 9

Lawrence R. I.
Genl Conference
at H. Comants-
(Mend)

THURSDAY 10

THUR
St. home

FRIDAY, JUNE 11, 1880

Detto

SATURDAY 112

Detto

01 SUNDAY 13

21: SUNDAY 13⁷

MONDAY, JUNE 14, 1880

Went to school
Wrote report

Went to Barnard

TUESDAY 15

Lawrence & H. I.
Genl. Conference
at H. Barnard's
(Barnard)

WEDNESDAY 16

Genl. Assn. at
Salem - with
Mr. Nathl. Dike

THURSDAY, JUNE 17, 1880

Mr. Barnard
1 *Cash. on 1st Sun*

Frank & Roger here
Went to Pigeon Cove &
Long Beach

FRIDAY 18

Spent with Anne
back

SATURDAY 19

SUNDAY, JUNE 20, 1880

Went to the
bank to pay
the paper due
and to get
the money
for the
week's
expenses.

MONDAY 21

Spent the
day at
home.

TUESDAY 22

Went to the
bank to pay
the paper due
and to get
the money
for the
week's
expenses.

WEDNESDAY, JUNE 23, 1880

THURSDAY 24

FRIDAY 25

Went to the
bank to pay
the paper due
and to get
the money
for the
week's
expenses.

SATURDAY, JUNE 26, 1886

SUNDAY 27

MONDAY 28

In Boston

TUESDAY, JUNE 29, 1886

WEDNESDAY 30

Went to Audover - night
at two meals at Ray's.

THURSDAY, JULY 1

Arrived at
Audover last
day -

Home at 6.30 P.M.
Prof. Lecture - 7.5.
present -

FRIDAY, JULY 2, 1886

Service of Stephen
Atwood -
Sanitar Frank care

Left Mother 28th Co. record
of Mr Barcroft - Portland
Bank

SATURDAY 3

Call. Mr & Mrs Love
sock by - Mr. Haskins
Mr & Mrs Burham

SUNDAY 4

Funeral of Stephen
Atwood. C. H. age
73

Newall Burnham & wife
Dudley Choate &
Mrs. Newman & Mr. Cunningham
myself. David & Ois joined
the Church

MONDAY, JULY 5, 1886

Left for Mr
Lamborn. Cottage
Gap Cove

TUESDAY 6

WEDNESDAY 7

THURSDAY, JULY 8, 1880

Attended funeral
of Mrs. Witham with
Rev. Baker -
Call

Mrs. Lorne. Ditto. Ditto.
Mrs. David Smith

Mr & Mrs Hunter came

FRIDAY 9

Ran over the Cape with
Mr & Mrs H. \$3.00
Also to Long Beach \$1.00

Called on Benjamin
Haskell (sick)

SATURDAY 10

Mr Hunter returned
home

SUNDAY, JULY 11, 1880

MONDAY 12

TUESDAY 13

WEDNESDAY, JULY 14, 1880

WEDNESDAY, JULY 14, 1880

THURSDAY 15

FRIDAY 16

SATURDAY, JULY 17, 1880

SUNDAY 18

MONDAY 19

TUESDAY, JULY 20, 1886

WEDNESDAY 21

THURSDAY 22

Arthur Day
came

Left mother &
for safe road by
train -

FRIDAY, JULY 23, 1886

Rode with Arthur
\$2.00 - He went at
5 P.M.

SATURDAY 24

SUNDAY 25

Left Chicago with
Rev. C. C. Smith & family
Bedham
at W. H. Monell's
for Ft. At. via R.R.

MONDAY, JULY 26, 1880

THURSDAY, JULY 29, 1880

Call

Mrs. Nancy L. Hill
rich child -

Mrs. Brown
near Uch -

TUESDAY 27

FRIDAY 30

Mrs. William Bradley
Mrs. L. Howard

WEDNESDAY 28

SATURDAY 31

SUNDAY, AUGUST 1, 1880

At home all
day
Very
Lucky

MONDAY 2

In Boston
Mrs. Caroline Mueser
called & paid
me 1.50 for chrys
Eaton

TUESDAY 3

Called at Mr. Buttrick's

Set -

Whole family
at Susan Thompson
at tea
Very kind (3)
See Mother
Mr. Noble (2)

WEDNESDAY, AUGUST 4, 1880

Funeral of Samuel Wheeler
son of Mrs. Samuels who
was killed Monday
night on R.R. He was
disappointed of years
old -

THURSDAY 5

A call to the installed
was given by the G.O.
church members
present - after meeting

FRIDAY 6

Call - Mrs. Allen Smith
Jr. Mr. Witham - Core
hill - Mrs. Graham
Mrs. Henry Clark -
Mrs. Mrs. H.

Dined at Foy's house
Bore with Gov. Smith
Long & Wade

SATURDAY, AUGUST 7, 1880

TUESDAY, AUGUST 10, 1880

Miss Miller & Miss L. came
funerals of an unnamed
child of Mrs. John W. Hill
and a child (4 mos) of Mr.
& Mrs. Darling.
Fred. W. " aged 9 mos

SUNDAY 8

At home S.S. 2 1/2
Lun. 730.
Wm. C. A. G. Lun

WEDNESDAY 11

MONDAY 9

THURSDAY 12

~~Call Mr. Brewster~~
~~Clark~~

FRIDAY, AUGUST 13, 1886

called Mr Brooks & Mr Briggs
& Mr Lydia Farnsworth

S. S. Ling

Mr Sailing & Mr Hill

SATURDAY 14

Called

SUNDAY 15

Called

S. S. Langford

Rev Geo. H. White of Chertin
Center Town - R. B. Dove
of N.Y. Rev S. B. Nashkins of
Templeton Mass with post.

MONDAY, AUGUST 16, 1886

Mr Brooks paid me
50¢ in full for
the month of August

TUESDAY 17

Funeral of Mr. E.
Page 9. Times at
Gloucester -

Called

Rev Mr Clark, Mr Wheeler
& Mr Gregory

WEDNESDAY 18

Lee, Pike D.D.
& wife called &
I walked with
them - Called
Mr Landon, Mr
York Mr Norton Mr
Everell Mr B. Rowe

THURSDAY, AUGUST 19, 1880

July 19, 1880

FRIDAY 20

July 20, 1880

SATURDAY 21

July 21, 1880

SUNDAY, AUGUST 22, 1880

Said to today
not for today

Said through Aug
30th

MONDAY 23

Funeral of 9 mos
child of Mr &
Mrs Littlefield
Baptist. Corner
of Clear & St-

TUESDAY 24

WEDNESDAY, AUGUST 25, 1880

THURSDAY 26

Small R meeting

FRIDAY 27

SATURDAY, AUGUST 28, 1880

calls
Chas. Manning
Capt J. G. Giles.

SUNDAY 29

Ram's L. 11:45
St. Lerran - S. 104.
With in Every
Temp Lecture

MONDAY 30

calls Francis Ten. Sen
Chances, Janne tip
of a Anderson

TUESDAY, AUGUST 31, 1880

Ch paid me 50¢
for next two Sabs.

Attended (n.e.m.)

Funeral of Mrs Mary Witham
aged. Calls Mrs York, ch. &
York (W) Mrs. Tans (H. & W.)
Mrs LaPage, Scripture. Mrs. -
Don Bruhan, German Son

23rag WEDNESDAY, SEPTEMBER 1

Went to Gloucester
with Capt. Blatchford
Olie went to Boston.
Call Mrs David B. Allen
" Mrs A. A. Clark & Mrs Davis
of Lorneville

THURSDAY 2

Call Mrs Sheddox
Mrs Sumner Miss Anna Grimes
Mrs Rose Mrs C. F. Parsons (out)
John Mackin (ill)
Miss Alice Ann. & D. Jane Witham
An die Lurie here 1 1/2 hours
on ch. West
Paid G. Advance to Aug 1. 86, 33

FRIDAY, SEPTEMBER 3, 1880

Have ⁴⁰ 100 in Bank -
Installation 75¢ gone!

Lennon - Rev Sec Clark
Baker J. G. Gleason
People - L. B. Bagnall
Minister J. G. Clark

SATURDAY 4

Call - Mrs Beulah Parsons
Mr Leonard, Mrs Anderson
Mrs Saunders
Ch paid me 2.25 for Clubs
expenses to & from Boston

SUNDAY 5

Said. Communion.
140¢ = 90¢ Ten out
50¢ for ch. & L. & W.
Sent 2¢ to David
by Annie Lakeman

MONDAY, SEPTEMBER 6, 1880

In garden Ato
Call
Francis Van Lan

TUESDAY 7

calls Mrs C. H. Pore
Eben Gott. Mrs
Fibbels, Mr Putman
Mr Andrew L. Clark

WEDNESDAY 8

calls Mr Stillman of
Mr. Ammonds. Mr Wm Van
Mrs Wheeler, Mrs Alden
Charles M. M. Larr
S. T. Larr - Mrs Sully
Van mother of Geo. J.

THURSDAY, SEPTEMBER 9, 1880

Same at home
Rory -

FRIDAY 10

Keeler & I went to
Sharonmouth base the
sea after 3 days storm.
- Called on Mr. Keeler
Mr. Intest - 32 at
Prayer meeting

SATURDAY 11

calls Mrs Gammage Mrs. Keeler
Widow of Henry Dennis

Teachers meeting changed
to morning - 7. Present

SUNDAY, SEPTEMBER 12, 1880

Paid -

MONDAY 13

In Boston. Heard Cornelia
Herricks at M.S. Ch.
Also Essay in form of
Sketches by Dr Newman
Episco. - Lydia Stockman
Came home with me. Helen
& Ella news & Audover

TUESDAY 14

At home -

WEDNESDAY, SEPTEMBER 15, 1880

Went to N.H. Genl. Nelson
Forthmouth - Mrs Helen
C. Knight & Miss M. L. Shan-
ton - Entertainers - Rem
& Mr Blakeley of Compton

THURSDAY 16

At FORTHMOUTH

FRIDAY 17

In Boston. 2 to 6 Amis-
bury - Home at
6-30 -

SATURDAY, SEPTEMBER 18, 1886

S. L. Rehearsal
at H. L. W.
Miss Langer S. W. A.
here &

SUNDAY 19

S. L. Concert A. M. A.
Col. \$40.00

MONDAY 20

Teachers meeting

TUESDAY, SEPTEMBER 21, 1886

From Fair

WEDNESDAY 22

From Fair

I spoke at Semi-
Centennial at
Lawrenceville - rode over
with Helen & Mr. & Mrs.
Babman

THURSDAY 23

Went to W. Easton
& spent night
with Mr. & Mrs. Jones
- Mrs. Jones

Rode to Wilson
Gilmores

FRIDAY, SEPTEMBER 24, 1880

Came home -
to meeting - 63

Mrs Tolbot here for
night

SATURDAY 25

Went to Manchester

SUNDAY 26

Reached A & M
in Manchester

MONDAY, SEPTEMBER 27, 1880

Went to Boston -
Abigail called - I am
thank -

TUESDAY 28

Arthur's Birthday
party - & ride

Paid Maria	\$1.50
Mary Lane	4
Grocer	3.50
Home	1.75

WEDNESDAY 29

THURSDAY, SEPTEMBER 30, 1880

Friday, October 1
Moria Colman left

74 at the meeting

Rev. A. W. Dunn of Wallace
sent me 2 \$ for
sewer

Saturday 2
Clare came

Rev. A. E. Dimes left -
calls - in Bartlett (Rich)
John (Jack) Parsons

SUNDAY, OCTOBER 3, 1880

A. M. A crowning life
"The Sacredness
of the Suffrage"
S. S. Haas "average"
life

Monday 4

Mother Arthur & Olive
were tomorrow
calls the Jones. S. A. Bonds
Mrs Lydia Larr - 91 -
O via Bank
- 19. at Teachers meeting

Chuck paid me \$50- $\frac{1}{2}$ Oct.

Tuesday 5

A. L. Small via Baker
A. B. L. W. at J. K. Kiger
with Patricia Burroughs
- Morris & Beck

WEDNESDAY, OCTOBER 6, 1880

At Lowell

THURSDAY 7

At Lowell

FRIDAY 8

Went to Boston at 4-20
met Lenox (Ed) 1854-

Funeral of Mr. Tolly
at 8-6-

to Mr. Little's

SATURDAY, OCTOBER 9, 1880

At home - calls
Josh. Larr - son. Mrs
Chas Larr & Mrs Bacheller
Mrs Brooks Bickford
Mrs Gimes &

SUNDAY 10

L.S. 140

Acc'd of Ammunity
at Lowell via Quincy

MONDAY 11

Republican Meeting
at Quincy

TUESDAY, OCTOBER 12, 1880

Went to Norwich
Conn. to Ch. H. A.
at B. C. Crovells M^s.
Church

WEDNESDAY 13

Called on 2 missionaries
daughter & of
Cummington

THURSDAY 14

FRIDAY, OCTOBER 15, 1880

Reached home
at 4 P.M. after
going to Cambridge
with Rev. Mr. Hall of
N. Orleans Colored.

SATURDAY 16

At home

SUNDAY 17

Rainy day. Saw
out missionaries
Lemoine & Bell.

MONDAY, OCTOBER 18, 1880

In Boston - Lunch
with French G.

TUESDAY 19

At home - Guest
Hay rain -
Mr. Callie Ann J. Lorr
Brooklyn " Mr. Jackson
Allen Mr. Mason
Miss. Milda Tollouber
Mr. Edwin Bradley
Mr. Menden - In town

WEDNESDAY 20

Y. M. C. A. at
Lynn
Rev. A. H. Carver;
a dinner

next day
Rev. Mr. Brewster

THURSDAY, OCTOBER 21, 1880

~~At home - rainy~~

FRIDAY 22

At home rainy

SATURDAY 23

remained at home

SUNDAY, OCTOBER 24, 1880

Change all
day with
Rev H. G. Clark
of Gloucester

MONDAY 25

In Boston at
L. B. G's for the
night. Spoke at
ministers meeting
on Ave. A. Filled
pulpit of Congl Church
which I attended for
first time —

TUESDAY 26

Went to Rockville
at 9 A.M. to
Camp Congl.
Left at Mr. Bunell's
boarded at Hotel
met Senator Eaton

WEDNESDAY, OCTOBER 27, 1880

at Rockville

THURSDAY 28

at Rockville

FRIDAY 29

To Boston & Lorne
Go in stage meeting

SATURDAY, OCTOBER 30, 1886

Calls. In Bartlett.
Mrs Chas Manning
Mrs Love. Miss L.
Miss Poole

SUNDAY 31

Rev. Mc Intire A.M.

I in Evening at

Look first the K of
God

MONDAY, NOVEMBER 1

In Boston

TUESDAY, NOVEMBER 2, 1886

Electim. Calls. L.H. Brooks
Sen. Hattley. Mr Larsons
Prof Thompson. Mrs Snyder
Mr Leander. Mrs Lyman
Poole

WEDNESDAY 3

Calls. Sen Bartley - Evening
took gone and Annual
Supper - 30 present

THURSDAY 4

FRIDAY, NOVEMBER 5, 1880

MONDAY, NOVEMBER 8, 1880

~~In Boston~~

SATURDAY 6

TUESDAY 9

All left Rockport
before children for
Maine - I spent
night in Boston -

SUNDAY 7

At home all
day
Communion

WEDNESDAY 10

At Williams town
Mass

THURSDAY, NOVEMBER 11, 1880

On the R.R.

FRIDAY 12

At St Louis Lindell
Hotel -

SATURDAY 13

ditto

SUNDAY, NOVEMBER 14, 1880

Rev M English of
Gloucester is to preach
for us - & did -
I heard
Chamberlain D.
on missions

MONDAY 15

At Star Council

Left St L. at
8 P.M.

TUESDAY 16

at Springfield Mo.

WEDNESDAY, NOVEMBER 17, 1880

At Kinnick D.T.
and night at
Pierce City Mo
at Mr

THURSDAY 18

^{2.11} J. W. ^{2.3} J. W.
J. W. Porter, Kaimie
Bell nest & D
^ started for Santa Fe
night at Newlin Run
No money or clothes

FRIDAY 19

On. R.R.

SATURDAY, NOVEMBER 20, 1880

Arrived at Santa
Fe at 11 P.M. at
El Paso.

SUNDAY 21

Dined with Ladd
Meeting, spoke
with Rev. Kaimie
I led evening meeting.

MONDAY 22

Morning & Meeting
Evening meeting
at Santa Fe.
Got my news with
no all around
I preached morning

TUESDAY, NOVEMBER 23, 1880

Rode to Lesuzne-
Puedito-

Evening meeting

WEDNESDAY 24

Left Santa Fe
at 8 A.M.

THURSDAY 25

Arrived at La Junta
at 8 P.M.

Thanksgiving

FRIDAY, NOVEMBER 26, 1880

Stopped at Lopezka
Park - 6 P.M. at
3-12 Ave. Hotel
Called at Sweets

SATURDAY 27

Had Sweets house &
went with Blake & Lee
to Washburn & Co.
State House &c. Stopped
at Lawrence - John
Chapman owes me
\$300 for horses

SUNDAY 28

At Lees Summit

Dined with H. E.
Stevens - owes
me 28 for
Advances

MONDAY, NOVEMBER 29, 1880

Called on Judge Brewster
dined with Mrs Hayes
Called on Judge —
Left at 4.40 for
Chicago.

TUESDAY 30

Arrived at Chicago
at 3 P.M.,
went to Glencor

WEDNESDAY, DECEMBER 1

at Chicago & Glencor

THURSDAY, DECEMBER 2, 1880

Little - Saw Ours
Left for East at
7.30
~~5.15~~ P.M.

FRIDAY 3

On R.R.

SATURDAY 4

at 7 A.M. at
Montreal

SUNDAY, DECEMBER 5, 1880

At 9. Fell Sat at
Island Pond -

6 Subs - 12%
Stewart House -
Rev. Bormell

MONDAY 6

At Lewiston 2
hms. - At Ham-
ton 5.30 P.M.

Call - Mr. Reynolds. Dr. Dickerson
Very many

TUESDAY 7

In L. - Bishop
Leck preached

WEDNESDAY, DECEMBER 8, 1880

In L. was well
in evening -

Call. Deas Cutter. Titcomb
Tabor, Dr. Blake Mrs
Cutter & Mrs Abbott

THURSDAY 9

Went to Portland
with family -

FRIDAY 10

Came to Rockport
6-30 -

SATURDAY, DECEMBER 11, 1880

Calls - Mr Leonard
S. H. Brooks - Mrs. E.
Brooks

SUNDAY 12

Atk. Council
Newby Furlows
In story
S. L. 113

MONDAY 13

In Boston -
Calls on R -
Mr Gannage - Mr.
Clark. See Nicholson
& Mrs Whipple

TUESDAY, DECEMBER 14, 1880

Calls Mrs. Sam. Mrs.
Bortlett. Henry Dennis
A. J. Clark. Mrs Burns

WEDNESDAY 15

Calls
See Hoxley - Olin
read Advance -

THURSDAY 16

Mrs Paul, Mrs Swall
Buttram, Buttram (No 2)
Lane (out) York (2) (out)
Corran, Webster. Abner
Jenn. Rev. Mr Davis

FRIDAY, DECEMBER 17, 1880

Megady, Estes. Lane (ent)
Farrino (Nancy, day) Smith
Allen (Hen) Smith (Allen Jr.)
Witham & Lowe (Eben) Jones
Leonard 3 to from
church -

SATURDAY 18

Free Study

SUNDAY 19

Sell, Amos & a sheep
in - out of attending
Prayer Meeting

MONDAY, DECEMBER 20, 1880

Call after Boston
Grafton Butcher -
J. E. Brooks
Geo. Lowe
Ralphs Grand. Sec. da
Forefathers Day

TUESDAY 21

Lecture in Lanesville
postponed on acct
of weather
Free & Sale

All day in study
Call - Mrs. Hedges session

WEDNESDAY 22

Call Henry Clark
Mrs. Burdett - Mrs.
Lowe & day - George
Mrs. McLaughlin &
Mrs. Perkins
Sent Boston Letter

THURSDAY, DECEMBER 23, 1880

Fellowship meeting
at Lanesville L.H.
Young at Fair.
Regiment with Thwaites,
Turkey, & Comforter

FRIDAY 24

Call. L. J. J. Sen-
Mr. Estes. From Parsons
Mrs. Oliver J. J. (14 y. 1/2
th) Mrs. Holmes.

L. H. Putnam died
at 10. A.M.

SATURDAY 25

Call. Mr. Leonard. Mrs.
Anderson. Mrs. L. H. Put-
nam. Mr. Mosher (not
at home) Mrs. A. L. Clark.
Dea Keattley. Mr. Haskell
Rev. Barnes & Rev. Cohen

SUNDAY, DECEMBER 26, 1880

S. M. To use child in town
Young Fellowship meeting
known -
S. L. Moral Abolition

Funeral of L. H. Putnam

MONDAY 27

Lecture in Newburg
port. Stopped with

A. J. Carter & Co
Lecumore
Sh

TUESDAY 28

~~Dr. J. Tucker meeting?~~
Funeral of Mrs. J. J. J. J.
at 1-30. Coffin Mrs. J. J. J. J.
daughter. Mr. Foster. L. J. J. J.
Mr. Wiley (Chorus no one)
A. J. J. J. J. J. J. J. J. J.
Mrs. J. J. J. J. J. J. J. J. J.
Mr. Bray (L. J. J. J. J. J. J. J. J. J.)

WEDNESDAY, DECEMBER 29, 1880

S. S. Meeting

Snow Storm

THURSDAY 30

Fellowship meeting
at our chapel -

meetings at 2
2 P. M.
call E. W. Pool

FRIDAY 31

Wrote meeting at M. E.
Church. I preached
1 hour

MEMORANDA

Jan. 1.
Calls. Mr. La Page
Mr. Pickerson (Bd) Mr.
A. Long (Bd) Mr. Senell
Mrs L. Heskings - Mr.
Susan Strimpton -

Sunday Jan 2

Sunday Jan 3.
Week of Prayer in Church
at our Vestry at
3 P. M. & 7 P. M.

MEMORANDA

Jan 1st 1891
 Call on Mr. Deane
 Mr. Deane (B) in house
 at 10.30. He is in house
 at 10.30. He is in house
 at 10.30. He is in house

THURSDAY

Jan 4th 1891
 at 10.30. He is in house
 at 10.30. He is in house
 at 10.30. He is in house
 at 10.30. He is in house

FRIDAY

Jan 5th 1891
 at 10.30. He is in house
 at 10.30. He is in house
 at 10.30. He is in house
 at 10.30. He is in house

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

Date

Received

Paid

CASH ACCOUNT. FEBRUARY.

Date.	Part	Received.	Paid.
Feb.	From W.P.		42.00
"	Furniture		130.00
"	Repairs & Trucking		100.00
19	Board Bible		16.67
"	Clothes		3.00
"	L & Port		3.00
"	Dans Repairs		6.00

CASH ACCOUNT. FEBRUARY.

[illegible]

CASH ACCOUNT. MARCH.

CASH ACCOUNT, 20 MARCH.

[illegible]

CASH ACCOUNT. APRIL

CASH ACCOUNT. APRIL.

[illegible]

CASH ACCOUNT. MAY.

[illegible]

CASH ACCOUNT. MAY.

[illegible]

CASH ACCOUNT. JULY.

CASH ACCOUNT. 55 JULY. 55

[illegible]

CASH ACCOUNT. 20/AUGUST.

[illegible]

CASH ACCOUNT, AUGUST.

[illegible]

CASH ACCOUNT. SEPTEMBER.

[illegible]

CASH ACCOUNT. SEPTEMBER.

[illegible]

CASH ACCOUNT. OCTOBER.

CASH ACCOUNT. OCTOBER.

[illegible]

CASH ACCOUNT. NOVEMBER.

[illegible]

CASH ACCOUNT. 41 NOVEMBER.

[illegible]

CASH ACCOUNT. DECEMBER.

[illegible]

CASH ACCOUNT. 30 DECEMBER.

SUMMARY OF CASH ACCOUNT.

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

BILLS PAYABLE, JANUARY.

BILLS PAYABLE. 13 FEBRUARY.

BILLS PAYABLE. MARCH.

BILLS PAYABLE. APRIL.

BILLS PAYABLE. MAY.

BILLS PAYABLE, JUNE.

BILLS PAYABLE, JULY 11

BILLS PAYABLE. AUGUST.

RECEIVABLE. IN A VOUCHER

BILLS PAYABLE. SEPTEMBER.

RECEIVABLE PAYEE'S

BILLS PAYABLE. 18 OCTOBER.

BILLS PAYABLE IN NOVEMBER.

BILLS PAYABLE IN DECEMBER.

MEMORANDA.

MEMORANDA.



