

STANDARD  
DIARY  
No 586

Account of  
the  
...

R B Snow  
Windsor  
Mass

Address  
From J. N. Bridge  
30 W. 47  
N. Y.  
Alcornie

THE  
STANDARD

DIARY



PUBLISHED  
FOR  
THE TRADE

# CALENDAR.

1887.

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
	..	..	..	..	..	..	1		..	..	..	..	..	..	1 2	
JAN.	2	3	4	5	6	7	8	JULY.	3	4	5	6	7	8	9	
	9	10	11	12	13	14	15		10	11	12	13	14	15	16	
	16	17	18	19	20	21	22		17	18	19	20	21	22	23	
	23	24	25	26	27	28	29		24	25	26	27	28	29	30	
	30	31	..	..	..	..	..		31	..	..	..	..	..	..	
FEB.	..	..	1	2	3	4	5	AUG.	..	..	1	2	3	4	5	6
	6	7	8	9	10	11	12		7	8	9	10	11	12	13	
	13	14	15	16	17	18	19		14	15	16	17	18	19	20	
	20	21	22	23	24	25	26		21	22	23	24	25	26	27	
	27	28	..	..	..	..	..		28	29	30	31	..	..	..	
	..	..	1	2	3	4	5	SEPT.	..	..	..	..	1	2	3	
	6	7	8	9	10	11	12		4	5	6	7	8	9	10	
	13	14	15	16	17	18	19		11	12	13	14	15	16	17	
	20	21	22	23	24	25	26		18	19	20	21	22	23	24	
	27	28	29	30	31	..	..		25	26	27	28	29	30	..	
MAR.	..	..	..	..	..	..	..	OCT.	..	..	..	..	..	..	..	
	..	..	..	..	..	..	..		2	3	4	5	6	7	8	
	3	4	5	6	7	8	9		9	10	11	12	13	14	15	
	10	11	12	13	14	15	16		16	17	18	19	20	21	22	
	17	18	19	20	21	22	23		23	24	25	26	27	28	29	
	24	25	26	27	28	29	30		30	31	..	..	..	..	..	
	..	..	..	..	..	..	..		..	..	..	..	..	..	..	
APRIL.	1	2	3	4	5	6	7	NOV.	..	..	1	2	3	4	5	
	8	9	10	11	12	13	14		6	7	8	9	10	11	12	
	15	16	17	18	19	20	21		13	14	15	16	17	18	19	
	22	23	24	25	26	27	28		20	21	22	23	24	25	26	
	29	30	..	..	..	..	..		27	28	29	30	..	..	..	
	..	..	..	..	..	..	..		..	..	..	..	..	..	..	
MAY.	..	..	1	2	3	4	..	DEC.	..	..	..	..	1	2	3	
	5	6	7	8	9	10	11		4	5	6	7	8	9	10	
	12	13	14	15	16	17	18		11	12	13	14	15	16	17	
	19	20	21	22	23	24	25		18	19	20	21	22	23	24	
	26	27	28	29	30	..	..		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 } 5280 Feet } = 1 Mile.		

### MEASURE OF SURFACE.

144 Square Inches make 1 Square Foot.		
9 Square Feet " 1 Square Yard.		
30½ 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.		
272½ 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.

27½ Grains make 1 Drachm (dr.) or 27½ 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	

### DIAMOND WEIGHT.

16 Parts make 1 Grain (4-5ths Grain Troy.)		
4 Grains " 1 Carat (3 1-5ths Grains Troy)		

### LIQUID MEASURE.

4 Gills make 1 Pint.	3½ Gallons make 1 Barrel	
2 Pints " 1 Quart.	54 Gallons " 1 Hhd.	
4 Quarts " 1 Gallon.		

### DRY MEASURE.

8 Quarts make 1 Peck.	8 Bushels make 1 Quarter	
4 Pecks " 1 Bushel.	36 Bushels " 1 Chaldron	
1 Bushel equal to 28½ cubic in. nearly.		

## 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, sheaf'd	Corn Meal.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover St.	Timothy.
Maine . . . . .	48	48	..	36	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
Massachusetts. . . . .	48	48	..	56	50	52	32	60	56	60	..	..	..	..
Connecticut . . . . .	..	45	..	56	..	..	28	60	56	56	..	..	..	..
New York . . . . .	48	48	..	56	..	..	32	60	56	60	..	..	62	60
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
Dist. Columbia . . . . .	47	48	..	56	48	57	32	56	56	60	50	55	62	60
Virginia . . . . .	48	48	..	56	50	..	32	60	56	60	..	56	60	64
West Virginia. . . . .	48	52	80	56	48	..	32	60	56	60	..	60	60	64
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	64
Louisiana . . . . .	32	..	..	56	..	..	32	..	32	60	..	..	60	64
Arkansas . . . . .	48	52	80	56	50	57	32	60	56	60	50	..	60	64
Tennessee . . . . .	48	50	..	56	50	56	32	60	56	60	..	..	60	64
Kentucky . . . . .	48	52	..	56	50	57	33	56	56	60	50	..	60	64
Ohio . . . . .	48	50	..	56	..	..	32	60	56	60	..	..	60	64
Michigan . . . . .	48	48	80	56	..	54	32	60	56	60	56	58	60	64
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	64
Missouri . . . . .	48	52	..	56	..	57	32	60	56	60	50	..	60	64
Kansas . . . . .	50	50	..	56	50	57	32	60	56	60	50	55	60	..
Nebraska . . . . .	48	52	..	56	50	57	34	60	56	60	50	55	60	64
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 DAY.	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	0	5	50
4 "	0	0	0	0	0	0	0	0	1	1	7	67
5 "	0	0	0	0	0	1	1	1	1	1	8	83
6 "	0	0	0	0	0	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	3	3	25	2 50
16 "	0	1	1	1	1	2	2	2	3	3	27	2 67
17 "	0	1	1	1	2	2	2	3	3	3	28	2 83
18 "	0	1	1	1	2	2	2	3	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	2	3	3	4	37	3 67
23 "	0	1	1	1	2	2	2	3	3	4	38	3 83
24 "	0	1	1	1	2	2	2	3	3	4	40	4 00
25 "	0	1	1	1	2	2	2	3	3	4	42	4 17
26 "	0	1	1	1	2	2	2	3	3	4	43	4 33
27 "	0	1	1	1	2	2	2	3	3	4	44	4 50
28 "	0	1	1	1	2	2	2	3	3	4	45	4 67
29 "	0	1	1	1	2	2	2	3	3	4	46	4 83
1 MON.	1	2	3	4	5	6	7	8	9	10	1 00	10 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	2	3	5	8	10	12	14	16	18	20	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 YEAR.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

## SEVEN PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY.	0	0	0	0	0	0	0	0	0	0	2	19
8 "	0	0	0	1	1	1	1	1	1	2	16	1 56
15 "	0	1	1	1	1	2	2	2	3	3	29	2 92
22 "	0	1	1	2	2	3	3	3	4	4	43	4 28
30 "	1	2	2	3	3	4	4	5	5	6	58	5 83
2 MON.	1	2	4	5	6	7	8	9	11	12	1 17	11 67
4 "	2	5	7	9	12	14	16	19	21	23	2 33	23 33
6 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
8 "	5	9	14	19	23	28	33	37	42	47	4 67	46 67
10 "	6	12	18	23	29	35	41	47	53	59	5 83	58 33
1 YEAR.	7	14	21	28	35	42	49	56	63	70	7 00	70 00

## RATE OF INCOME ON INVESTMENTS,

Par value being \$100, bearing interest at

Price Paid.	5%	6%	7%	8%	10%
\$50	10 00	12 00	14 00	16 00	20 00
55	9 09	10 90	12 72	14 55	18 18
60	8 33	10 00	11 66	13 33	16 66
65	7 69	9 23	10 76	12 30	15 38
70	7 14	8 57	10 00	11 42	14 28
75	6 66	8 00	9 33	10 66	13 35
80	6 25	7 50	8 75	10 00	12 50
82½	6 06	7 27	8 48	9 69	12 12
85	5 88	7 05	8 23	9 41	11 76
87½	5 71	6 85	8 00	9 14	11 42
90	5 55	6 66	7 77	8 88	11 11
92½	5 40	6 48	7 56	8 64	10 80
95	5 26	6 31	7 36	8 42	10 52
96	5 20	6 25	7 29	8 33	10 41
97	5 15	6 18	7 21	8 24	10 30
97½	5 12	6 15	7 17	8 20	10 25
98	5 10	6 12	7 14	8 16	10 20
99	5 05	6 06	7 07	8 08	10 10
100	5 00	6 00	7 00	8 00	10 00
101	4 95	5 94	6 93	7 92	9 90
102	4 90	5 88	6 86	7 84	9 80
103	4 85	5 82	6 79	7 76	9 70
104	4 80	5 76	6 73	7 69	9 61
105	4 76	5 71	6 66	7 61	9 52
110	4 54	5 45	6 36	7 27	9 09
115	4 34	5 21	6 08	6 95	8 69
120	4 16	5 00	5 83	6 66	8 33
125	4 00	4 80	5 60	6 40	8 00
130	3 84	4 61	5 38	6 15	7 69
135	3 70	4 44	5 18	5 92	7 40
140	3 57	4 28	5 00	5 71	7 14
145	3 44	4 13	4 82	5 51	6 89
150	3 33	4 00	4 66	5 33	6 66

## TO FIND LENGTH OF DAY OR 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.

## RATES OF POSTAGE.

**POSTAL CARDS,** 1 cent each, go without further charge to all parts of the United States and Canada. Cards for foreign countries (within the Postal Union) 2 cents each. *Postal Cards are unmailable with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to them.*

**ALL LETTERS,** to all parts of the United States and Canada, 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, mailed, sewed, tied, or fastened in any manner so that it cannot be easily examined,* 2 cents for each ounce or fraction thereof.

**SECOND CLASS.**—Only for publishers and newspapers; 1 cent per pound.

**THIRD CLASS.**—Printed matter, in *unsealed wrappers only* (all matter inclosed 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, magazines, music, newspapers, 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.

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

**PERMISSIBLE WRITING.**—No writing is permitted on third or fourth class matter except as follows: The name and address of sender on the outside or inside of package, preceded by the word "from." On the wrapper may also be written the names and number of articles inclosed. The sender is further allowed to mark a word or passage in a book or paper to which he desires to call special attention. He may also write a simple inscription

## RATES OF POSTAGE.

or dedication upon the cover or blank leaves of a book or pamphlet. There may be attached to articles of merchandise, by tag or label, a mark, number, name, or letter for purpose of identification. Printed circulars may contain the written name of the sender, or of the addressee, and the date. Any other writing on third or fourth class matter will subject the package to letter rates of postage, and render the sender liable to a fine of ten dollars for each offense. Printed matter may be inclosed with fourth class matter, but the whole package is subject to the rate of 1 cent per ounce or fraction thereof.

## POSTAL NOTES.

Upon payment of a fee of 3 cents each, Postal Notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued; but payable *only* at such Money-order Office as the purchaser may select or at the office of issue.

## MONEY ORDERS.

For Orders not exceeding \$10 . . . .	8 cents.
Exceeding \$10 and not exceeding \$15 . . . .	10 "
" 15 " " " " " " " " . . . .	15 "
" 30 " " " " " " " " . . . .	20 "
" 40 " " " " " " " " . . . .	25 "
" 50 " " " " " " " " . . . .	30 "
" 60 " " " " " " " " . . . .	35 "
" 70 " " " " " " " " . . . .	40 "
" 80 " " " " " " " " . . . .	45 "

When a larger sum than \$100 is required, additional Orders to make it up must be obtained.

## 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 (except to New South Wales), 5 cents; via Brindisi, 15 cents; newspapers, via San Francisco, 2 cents; via Brindisi, 4 cents. China, letters, via San Francisco, 5 cents; via Brindisi, 13 cents; 4 cents for each paper not weighing over 4 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.

## STANDARD TIME.

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

### Standard Time Divisions as adopted by the Railroads.

**EASTERN STANDARD**—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

**CENTRAL STANDARD**—90th Meridian. West from "Eastern" limits, as above, to Broadway, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

**MOUNTAIN STANDARD**—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

**PACIFIC STANDARD**—120th Meridian. West from "Mountain" limits to coast.

### Correction for the following Cities.

Eastern Standard.		Central Standard.	
75° Longitude.		90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.	25	Cleveland, Ohio	33
Augusta, Me.	21	Columbus, Ohio	28
Portland, Me.	19	Detroit, Mich.	28
Boston, Mass.	16	Toledo, Ohio	26
Newport, R. I.	15	Dayton, Ohio	25
Providence, R. I.	14	Cincinnati, Ohio	22
Concord, N. H.	14	Louisville, Ky.	18
New London, Conn.	11	Indianapolis, Ind.	16
Springfield, Mass.	10	Chicago, Ill.	10
Montpelier, Vt.	10	Milwaukee, Wis.	8
Hartford, Conn.	9	Springfield, Ill.	2
Montreal, Que.	6	Memphis, Tenn.	0
Albany, N. Y.	5	New Orleans, La.	0
New York, N. Y.	4	St. Louis, Mo.	0
Utica, N. Y.	4	Rock Island, Ill.	1
Philadelphia, Pa.	1	Dubuque, Iowa	3
Syracuse, N. Y.	5	Burlington, Iowa	5
Baltimore, Md.	6	St. Paul, Minn.	12
Washington, D. C.	8	Des Moines, Iowa	12
Rochester, N. Y.	11	Keosauqua, Mo.	14
Buffalo, N. Y.	16	Galveston, Texas	19
Pittsburg, Pa.	20	Omaha, Neb.	24
<b>Mountain Standard.</b>		<b>Pacific Standard.</b>	
105° Longitude.		120° Longitude.	
Denver, Col.	0	Sacramento, Cal.	6
Salt Lake City, Utah,	+ 25	San Francisco, Cal.	+ 10

## POPULATION OF THE UNITED STATES.

### CENSUS OF 1890.

Alabama	1,292,205	Oregon	774,708
Arkansas	802,825	Pennsylvania	2,594,891
California	864,194	Rhode Island	276,531
Colorado	134,227	South Carolina	665,471
Connecticut	622,730	Tennessee	1,242,309
Delaware	146,008	Texas	1,261,749
Florida	220,493	Vermont	282,286
Georgia	1,542,180	West Virginia	312,505
Illinois	3,077,871	Wisconsin	618,457
Indiana	1,978,395		
Iowa	1,221,615	<b>Total States</b> .....	<b>49,371,340</b>
Kansas	606,094		
Kentucky	1,548,890		
Louisiana	632,946		
Maine	648,936		
Maryland	934,943		
Massachusetts	1,783,085		
Michigan	1,690,057		
Minnesota	780,778		
Mississippi	1,131,267		
Missouri	2,168,580		
Nebraska	432,402		
Nevada	62,296		
New Hampshire	346,951		
New Jersey	1,331,116		
New York	5,092,871		
North Carolina	1,226,700		
Ohio	3,198,062		

Total States.....49,371,340

### THE TERRITORIES.

Alaska	40,440
Arizona	133,177
Dakota	177,624
District of Columbia	32,610
Idaho	38,120
Montana	119,863
New Mexico	143,096
Utah	76,116
Washington	20,729
Wyoming	784,448
<b>Total Territories</b> .....	<b>784,448</b>
<b>Total U. States</b> .....	<b>50,155,788</b>

## POPULATION OF PRINCIPAL CITIES.

Cities having a population of 30,000 and upwards, according to the United States Census of 1890.

Rank.	City.	Population.	Rank.	City.	Population.
1	Albany, N. Y.	60,738	38	Minneapolis, Minn.	65,287
21	Alli gheny, Pa.	78,692	40	Nashville, Tenn.	45,250
40	Atlanta, Ga.	37,439	15	Newark, N. J.	106,208
1	Baltimore, Md.	332,513	26	New Orleans, La.	62,862
5	Boston, Mass.	332,539	10	New York, N. Y.	1,200,250
3	Brooklyn, N. Y.	506,023	1	Oakland, Cal.	34,555
13	Buffalo, N. Y.	153,134	65	Omaha, Neb.	30,518
31	Cambridge, Mass.	32,650	24	Patterson, N. J.	37,071
44	Camden, N. J.	41,539	2	Philadelphia, Pa.	497,179
26	Charleston, S. C.	49,984	12	Pittsburg, Pa.	150,280
4	Chicago, Ill.	503,185	63	Portland, Me.	33,810
8	Cincinnati, Ohio	235,139	23	Providence, R. I.	104,837
11	Cleveland, Ohio	183,140	41	Reading, Pa.	45,278
23	Columbus, Ohio	51,647	25	Richmond, Va.	65,000
47	Dayton, Ohio	38,678	22	Rochester, N. Y.	84,696
50	Denver, Col.	33,629	9	San Francisco, Cal.	233,523
18	Detroit, Mich.	116,540	30	Savannah, Ga.	30,700
57	Fall River, Mass.	45,591	28	Seranton, Pa.	45,830
28	Grand Rapids, Mich.	32,056	55	Springfield, Mass.	33,549
60	Harrisburg, Pa.	39,762	37	St. Joseph, Mo.	32,491
43	Hartford, Conn.	42,015	6	St. Louis, Mo.	224,518
9	Hoboken, N. J.	30,009	45	St. Paul, Minn.	41,473
24	Indianapolis, Ind.	73,006	32	Syracuse, N. Y.	51,732
17	Jersey City, N. J.	120,722	35	Toledo, Ohio	50,157
30	Kansas City, Mo.	33,785	46	Trenton, N. J.	29,910
46	Lawrence, Mass.	29,151	29	Troy, N. Y.	36,747
16	Louisville, Ky.	123,758	22	Utica, N. Y.	33,914
27	Lowell, Mass.	30,475	14	Washington, D. C.	147,293
12	Lynn, Mass.	38,274	61	Wheeling, W. Va.	30,737
36	Manchester, N. H.	32,630	42	Wilmington, Del.	42,478
54	Memphis, Tenn.	33,322	28	Worcester, Mass.	58,291
19	Milwaukee, Wis.	115,387			

# PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Installed.	Term of Office.	Decl.	Native of	Residence when elected.	Political Party.
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	JOHN ADAMS	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	Republican.
3	THOMAS JEFFERSON	Apr. 13, 1743	" 4, 1801	8 "	June 28, 1827	Virginia.	Virginia.	"
4	JAMES MADISON	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1837	"	"	"
5	JAMES MONROE	Apr. 28, 1759	" 4, 1817	8 "	July 4, 1821	Mass.	Mass.	Coalition.
6	JOHN QUINCY ADAMS	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	S. Carolina.	S. Carolina.	Democrat.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	4 "	July 24, 1862	New York.	New York.	"
8	MARTIN VAN BUREN	Dec. 5, 1782	" 4, 1837	4 "	April 4, 1841	Ohio.	Ohio.	Whig.
9	WM. H. HARRISON	Mar. 9, 1773	" 4, 1841	1 month.	Jan. 17, 1862	Virginia.	Virginia.	"
10	JOHN TYLER	Mar. 29, 1790	Apr. 6, 1841	3 yrs. 11 mos.	June 18, 1849	N. Carolina.	N. Carolina.	Democrat.
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.	June 15, 1849	Tennessee.	Tennessee.	Whig.
12	ZACHARY TAYLOR	Nov. 24, 1784	" 4, 1849	1 year 4 mos.	July 9, 1850	Virginia.	Louisiana.	Whig.
13	MILLARD FILLMORE	Jan. 7, 1800	Mar. 7, 1850	2 years 8 mos.	Oct. 8, 1850	New York.	New York.	"
14	FRANKLIN PIERCE	Nov. 23, 1804	July 4, 1853	4 years.	Oct. 8, 1859	N. Hamp.	N. Hamp.	Democrat.
15	JAMES BUCHANAN	Apr. 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.	Penn.	"
16	ABRAHAM LINCOLN	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.	Kentucky.	Republican.
17	ANDREW JOHNSON	Dec. 29, 1808	Mar. 15, 1865	3 yrs. 10 mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18	UNLIES S. GRANT	Apr. 27, 1822	Apr. 4, 1869	8 years.	July 23, 1885	Ohio.	Ohio.	"
19	RUTHERFORD B. HAYES	Oct. 4, 1824	" 4, 1877	4 "	Sept. 19, 1881	Vermont.	Ohio.	"
20	JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6½ months.	"	Ohio.	New York.	"
21	CHESTER A. ARTHUR	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	"	Vermont.	New York.	Democrat.
22	GROVER CLEVELAND	Mar. 15, 1837	Mar. 4, 1885	"	"	New Jersey.	New York.	"

## VOTE FOR PRESIDENT—1884.

STATES.	POPULAR VOTE.				ELECTORAL VOTE.	
	Blaine.	Cleveland.	Butler.	St. John.	Cleveland.	Blaine.
Alabama.....	59591	93951	873	612	10	.....
Arkansas.....	50895	72927	1847	.....	7	.....
California.....	102416	89488	2017	2920	.....	8
Colorado.....	36290	27223	1958	761	.....	3
Connecticut.....	65923	67199	1688	2395	6	.....
Delaware.....	12951	16664	6	55	3	.....
Florida.....	28031	31766	.....	72	4	.....
Georgia.....	48603	94667	145	195	12	.....
Illinois.....	337474	312355	10910	12074	.....	22
Indiana.....	238463	244999	8293	3028	15	.....
Iowa.....	197089	177316	.....	1472	.....	13
Kansas.....	154466	90132	16341	4495	.....	9
Kentucky.....	118122	152961	1691	3139	13	.....
Louisiana.....	46347	62540	.....	8	.....	.....
Maine.....	72209	52140	3953	2166	.....	6
Maryland.....	85699	96932	531	2794	8	.....
Massachusetts.....	146724	122481	24433	10026	.....	14
Michigan.....	192669	149835	42243	18493	.....	13
Minnesota.....	111923	70144	3583	4684	.....	7
Mississippi.....	43509	76510	.....	9	.....	.....
Missouri.....	202929	235988	.....	2153	16	.....
Nebraska.....	76912	54391	.....	2899	.....	5
Nevada.....	7193	5578	.....	26	.....	3
N. Hampshire.....	43249	39183	552	1571	.....	4
New Jersey.....	123440	127798	3496	6159	9	.....
New York.....	562005	563154	16994	25016	.....	36
N. Carolina.....	125068	142952	.....	454	11	.....
Ohio.....	400082	368250	5179	11669	.....	23
Oregon.....	26860	24604	726	492	.....	3
Pennsylvania.....	473804	392785	16992	15831	.....	30
Rhode Island.....	19030	12391	422	928	.....	4
S. Carolina.....	21733	66890	.....	9	.....	.....
Tennessee.....	124078	133258	957	1131	12	.....
Texas.....	93141	225399	3321	3534	13	.....
Vermont.....	39514	17331	785	1752	.....	4
Virginia.....	139356	154907	.....	138	12	.....
W. Virginia.....	63996	67317	810	919	6	.....
Wisconsin.....	161157	146459	4598	7656	.....	11
Total.....	4,851,081	4,874,986	175370	150,366	219	182

### PRESIDENTIAL VOTES IN PREVIOUS YEARS.

Year.	POPULAR VOTE.				ELECTORAL.	
	Republican.	Democrat.	Green's.	Prohib.	Rep.	Dem.
1880	4454416	4444952	308578	10395	214	155
1876	4033990	4284757	81737	9322	185	184
1872	3597070	2834679	.....	5608	286	42
1868	3015071	2709613	.....	.....	214	71

\* Democratic vote, exclusive of 29,048 for Chas. O'Conner.  
 † Mississippi, Texas and Virginia did not vote.

# 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.	Feet.
Eastport, Me., (Intercolonial Time) ...	add	3	33	18.2
<b>EASTERN STANDARD.</b>				
Bar Harbor, Me. ....	"	2	27	10.4
Portland, Me. ....	"	2	55	9.1
Portsmouth, N. H. ....	"	3	3	8.6
Isles of Shoals, N. H. ....	"	2	57	8.7
Newburyport, Mass. ....	"	3	17	7.5
Gloucester, Mass. ....	"	2	44	8.0
Salem, Mass. ....	"	2	54	9.2
Nahant, Mass. ....	"	2	50	9.4
Plymouth, Mass. ....	"	2	59	10.2
Provincetown, Mass. ....	"	2	59	9.2
Nantucket, Mass. ....	"	4	15	3.0
Vineyard Haven, Mass. ....	"	3	22	1.6
Wood's Hole, North Side, Mass. ....	sub.	0	21	4.0
Wood's Hole, South Side, Mass. ....	add	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass. } ...	sub.	0	20	3.7
Newport, R. I. ....	"	0	33	3.9
Point Judith, R. I. ....	"	0	45	3.1
Sandy Hook, N. J. ....	"	0	36	4.7
Watch Hill, R. I. ....	add	0	44	2.7
Stonington, Conn. ....	"	0	52	2.7
New London, Conn. ....	"	1	12	2.5
New Haven, Conn. ....	"	2	57	6.0
Bridgeport, Conn. ....	"	3	1	6.5
Montauk Point, L. I. ....	"	0	4	1.9
Throg's Neck, N. Y. ....	"	3	12	7.3
Cape May Landing, N. J. ....	"	0	16	4.8
Newcastle, Del. ....	"	3	52	6.5
Philadelphia, Penn. ....	"	5	42	6.0
Annapolis, Md. ....	sub.	3	19	0.9
Baltimore, Md. ....	"	1	24	1.3
Richmond, Va. ....	"	3	25	3.6
Hatteras Inlet, N. C. ....	"	0	56	2.0
Beaufort, N. C. ....	"	0	35	2.8
Charleston (C. H. Wharf), S. C. ....	"	0	19	5.1
<b>CENTRAL STANDARD.</b>				
Fort Pulaski (Savannah Ent.), Ga. ....	"	1	22	6.9
Savannah (Dry Dock Wharf), Ga. ....	"	0	25	6.5
St. Augustine, Fla. ....	"	0	17	4.1
Key West, Fla. ....	add	1	4	1.2
Tampa Bay (Egmont Key), Fla. ....	"	2	49	1.2
Cedar Keys (Depot Key), Fla. ....	"	4	52	1.9

# INTEREST LAWS OF ALL THE STATES.

STATES & TERRITORIES.	PENALTY OF USURY.	Legal.	Special.
Alabama,	Loss of interest.	8	.....
Arizona,	No penalty.	10	No limit.
Arkansas,	"	6	" "
California,	"	10	" "
Colorado,	"	10	" "
Connecticut,	Forfeiture of all interest.	7	" "
Dakota,	" " contract.	7	18 per ct.
Delaware,	" " "	6	6 per ct.
District of Col.	" " all interest.	6	10 per ct.
Florida,	No penalty.	8	No limit.
Georgia,	Forfeiture of excess.	7	12 per ct.
Idaho,	\$300 fine or imp <sup>t</sup> 6 mos. or both.*	10	24 per ct.
Illinois,	Forfeiture of all interest.	6	10 per ct.
Indiana,	" " interest and costs.	6	10 per ct.
Iowa,	" " excess.	6	10 per ct.
Kansas,	" " " over 12 per ct.	7	12 per ct.
Kentucky,	" " all interest.	6	10 per ct.
Louisiana,	" " interest.	5	8 per ct.
Maine,	No penalty.	6	No limit.
Maryland,	Forfeiture of excess.	6	6 per ct.
Massachusetts,	No penalty—6 per ct. on judg <sup>t</sup> s.	6	No limit.
Michigan,	Forfeiture of excess.	7	10 per ct.
Minnesota,	" " " over 7 per ct.	7	12 per ct.
Mississippi,	Forfeiture of all interest.	6	10 per ct.
Missouri,	Forfeiture of all interest.	6	10 per ct.
Montana,	No penalty.	10	.....
Nebraska,	Forfeiture of all interest & costs.	10	12 per ct.
Nevada,	No penalty.	10	No limit.
N. Hampshire,	Forfeit of three times int. rec <sup>d</sup> .	6	6 per ct.
New Jersey,	Forfeit of all interest.	7	7 per ct.
New Mexico,	No penalty.	6	12 per ct.
New York,	Forfeiture of contract.†	6	6 per ct.
North Carolina,	Forfeiture of interest.	6	8 per ct.
Ohio,	" " excess.	6	8 per ct.
Oregon,	" " prin., int. & costs.	10	12 per ct.
Pennsylvania,	" " excess, Act of 1838.	6	6 per ct.
Rhode Island,	" unless by contract.‡	6	No limit.
South Carolina,	No penalty.	10	" "
Tennessee,	Forfeit of over 6 p. c. & \$100 fine.	6	10 per ct.
Texas,	No penalty.	8	No limit.
Utah,	"	10	" "
Vermont,	Forfeit of excess on R. E. bonds.	6	7 per ct.
Virginia,	" " contract.	6	12 per ct.
Washington,	No penalty.	10	No limit.
West Virginia,	Forfeit of excess.	6	6 per ct.
Wisconsin,	" " all interest.	7	10 per ct.
Wyoming,	No penalty.	10	No limit.

\* Liable to arrest for misdemeanor. † Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance. ‡ Also 6 per cent. on judgments.

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, 1875, provides "that the value of Foreign Coin, as expressed in the 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, 1885, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE.
Argentina Repub.	Peso .....	Gold & silv.	D. C. M. 0 06 5
Austria .....	Florin .....	Silver .....	0 37 1
Austria .....	Florin .....	Gold .....	0 48 4
Belgium .....	Franc .....	Gold & silv.	0 19 3
Bolivia .....	Boliviano .....	Silver .....	0 75 1
Brazil .....	Milreis of 1000 reis.	Gold .....	0 54 6
British America .....	Dollar .....	Gold .....	1 0 0
Central America .....	Dollar .....	Silver .....	0 93 5
Chili .....	Peso .....	Gold & silv.	0 92 2
Cuba .....	Peso .....	Gold & silv.	0 93 2
Denmark .....	Crown .....	Gold .....	0 26 8
Ecuador .....	Peso .....	Silver .....	0 75 1
Egypt .....	Piaster .....	Gold .....	0 4 9
France .....	Franc .....	Gold & silv.	0 19 3
Great Britain .....	Pound sterling .....	Gold .....	4 86 3/4
Greece .....	Drachma .....	Gold & silv.	0 19 3
German Empire .....	Mark .....	Gold .....	0 23 8
Hayti .....	Gourde .....	Gold & silv.	0 92 5
India .....	Rupee of 16 annas.	Silver .....	0 35 7
Italy .....	Lira .....	Gold & silv.	0 19 3
Japan .....	Yen .....	Gold & silv.	0 81 0
Liberia .....	Dollar .....	Gold .....	1 0 0
Mexico .....	Dollar .....	Silver .....	0 81 6
Netherlands .....	Florin .....	Gold & silv.	0 40 2
Norway .....	Crown .....	Gold .....	0 26 8
Paraguay .....	Peso .....	Gold .....	1 0 0
Peru .....	Sol .....	Silver .....	0 75 1
Porto Rico .....	Peso .....	Gold .....	0 92 5
Portugal .....	Milreis of 1000 reis.	Gold .....	1 8 0
Russia .....	Roubl. of 100 cop'ks	Silver .....	0 60 1
Sandwich Islands .....	Dollar .....	Gold .....	1 0 0
Spain .....	Pseta of 100 centim.	Gold & silv.	0 19 3
Sweden .....	Crown .....	Gold .....	0 26 8
Switzerland .....	Franc .....	Gold & silv.	0 19 3
Tripoli .....	Mahhub of 20 piast'rs	Silver .....	0 67 7
Turkey .....	Piaster .....	Gold .....	0 4 4
U. S. of Colombia .....	Peso .....	Silver .....	0 75 1
Uruguay .....	Patacon .....	Gold .....	0 94 8
Venezuela .....	Bolivar .....	Gold & silv.	0 19 3

**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.

## SHORT METHOD

### FOR CALCULATING INTEREST.

Multiply the principal by as many hundreds as there are days, and

For 4 per cent.	.....	Divide by	90
" 5 "	" "	" "	" 72
" 6 "	" "	" "	" 60
" 7 "	" "	" "	" 52
" 8 "	" "	" "	" 45
" 9 "	" "	" "	" 40
" 10 "	" "	" "	" 36
" 12 "	" "	" "	" 30

**EXAMPLE**—INTEREST ON \$50 for 30 days at 4%.  
 $50 \times .30 = 15.00$ , which divided by  $90 = 16\frac{2}{3}$  cents—the required result.

### FESTIVALS AND FASTS.

Epiphany	Jan.	6
Septuagesima Sunday	Feb.	6
Quinquagesima—Shrove Sunday	Feb.	20
Ash Wednesday	Feb.	23
First Sunday in Lent	Feb.	27
St. Patrick	Mar.	17
Palm Sunday	April	3
Good Friday	April	8
Easter Sunday	April	10
Low Sunday	April	17
Rogation Sunday	May	15
Ascension Day—Holy Thursday	May	19
Pentecost—Whit Sunday	May	29
Trinity Sunday	June	5
Corpus Christi	June	9
St. John Baptist	June	24
Michaelmas Day	Sept.	29
First Sunday in Advent	Nov.	27
St. Andrew	Nov.	30
Christmas Day	Dec.	25

### CHRONOLOGICAL CYCLES.

Dominical Letter	B
Epact	6
Lunar Cycle, or Golden Number	7
Solar Cycle	20
Roman Indiction	15
Julian Period	6600

## ECLIPSES FOR THE YEAR.

IN the year 1887 there will be four Eclipses; two of the Sun, and two of the Moon.

I. A PARTIAL ECLIPSE OF THE MOON, February 8.  
 Visible entire to North America and Pacific Ocean, and more or less to South America, China and Australia. Occurring as follows:—

	Eastern Standard.	Central Standard.	Mountain Standard.
	P. H. M.	P. H. M.	P. H. M.
Moon enters Penumbra	8 3 1 M.	8 2 1 M.	8 1 1 M.
Moon enters Shadow	8 4 14 M.	8 3 14 M.	8 2 14 M.
Middle of Eclipse	8 5 22 M.	8 4 22 M.	8 3 22 M.
Moon leaves Shadow	8 6 30 M.	8 5 30 M.	8 4 30 M.
Moon leaves Penumbra	8 7 43 M.	8 6 43 M.	8 5 43 M.

Magnitude of Eclipse = 0.436, (Moon's diameter = 1).

II. AN ANNULAR ECLIPSE OF THE SUN, February 22. Invisible. Visible in part to the western coast of South America and the eastern coast of Australia, and wholly to New Zealand and South Pacific Ocean. Being annular along a line drawn from a point south of Tasmania, passing south of New Zealand, and terminating on the western edge of Bolivia.

III. A PARTIAL ECLIPSE OF THE MOON, August 3. Invisible. Visible more or less to the world generally, except to North America.

IV. A TOTAL ECLIPSE OF THE SUN, August 19. Invisible. Visible to the most of Europe, Asia and the Arctic Ocean. Being total along a line drawn through Berlin and Königsberg, and running just north of Moscow and Yedo.

### MORNING AND EVENING STARS.

MERCURY will be Evening Star about March 5, July 1, and October 27; and Morning Star about April 17, August 16, and December 6.

VENUS will be Evening Star till September 21; and Morning Star the rest of the year.

JUPITER will be Morning Star till April 21; then Evening Star till November 8; and Morning Star again the rest of the year.

## MOON'S PERIGEE AND APOGEE.

	Eastern Standard.	Central Standard.
JAN. . .	{ PERIGEE . . 12d. 1h. M. . 12d. 0h. M.	{ APOGEE . . 28d. 2h. M. . 28d. 1h. M.
FEB. . .	{ PERIGEE . . 9d. 7h. M. . 9d. 6h. M.	{ APOGEE . . 24d. 1h. A. . 24d. 0h. A.
MAR. . .	{ PERIGEE . . 9d. 7h. A. . 9d. 6h. A.	{ APOGEE . . 23d. 2h. A. . 23d. 1h. A.
APRIL. .	{ PERIGEE . . 7d. 7h. M. . 7d. 6h. M.	{ APOGEE . . 19d. 9h. A. . 19d. 8h. A.
MAY. . .	{ PERIGEE . . 5d. 1h. A. . 5d. 0h. A.	{ APOGEE . . 17d. 1h. A. . 17d. 0h. A.
JUNE. . .	{ PERIGEE . . 2d. 6h. M. . 2d. 5h. M.	{ APOGEE . . 14d. 7h. M. . 14d. 6h. M.
	{ PERIGEE . . 28d. 2h. M. . 28d. 1h. M.	
JULY. . .	{ APOGEE . . 12d. 1h. M. . 12d. 0h. M.	{ PERIGEE . . 24d. 1h. M. . 24d. 0h. M.
AUG. . .	{ APOGEE . . 8d. 7h. A. . 8d. 6h. A.	{ PERIGEE . . 20d. 7h. A. . 20d. 6h. A.
SEPT. . .	{ APOGEE . . 5d. 10h. M. . 5d. 9h. M.	{ PERIGEE . . 18d. 2h. M. . 18d. 1h. M.
OCT. . .	{ APOGEE . . 2d. 5h. A. . 2d. 4h. A.	{ PERIGEE . . 16d. 1h. A. . 16d. 0h. A.
	{ APOGEE . . 29d. 6h. A. . 29d. 5h. A.	
NOV. . .	{ PERIGEE . . 14d. 0h. M. . 13d. 11h. A.	{ APOGEE . . 26d. 4h. M. . 26d. 3h. M.
DEC. . .	{ PERIGEE . . 12d. 5h. M. . 12d. 4h. M.	{ APOGEE . . 23d. 10h. A. . 23d. 9h. A.

### THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox,	Mar. 20, 5h. A.	Mar. 20, 4h. A.
Summer Solstice,	June 21, 1h. A.	June 21, 0h. A.
Autumnal Equinox,	Sept. 23, 4h. M.	Sept. 23, 3h. M.
Winter Solstice,	Dec. 21, 10h. A.	Dec. 21, 9h. A.
	Mountain Standard.	Pacific Standard.
Vernal Equinox,	Mar. 20, 1h. A.	Mar. 20, 2h. A.
Summer Solstice,	June 21, 11h. M.	June 21, 10h. M.
Autumnal Equinox,	Sept. 23, 2h. M.	Sept. 23, 1h. M.
Winter Solstice,	Dec. 21, 3h. A.	Dec. 21, 2h. A.



MOON'S PHASES.	BOSTON.		CHICAGO.	
	(In Standard Time.)		And Eastern Division.	And Central Division.
FIRST QUARTER. . .	2d.	7h. 20m. M.	2d.	6h. 20m. M.
FULL MOON . . . . .	9d.	5h. 32m. A.	9d.	4h. 32m. A.
LAST QUARTER . . . .	16d.	10h. 22m. M.	16d.	9h. 22m. M.
NEW MOON . . . . .	23d.	10h. 11m. A.	23d.	9h. 11m. A.

BOSTON & CHICAGO.				BOST.		N. YORK & PHILA.		N. Y.	
D. of M.	Day of W'k.	Local Mean Time.		TIDE.	D. of M.	Local Mean Time.		TIDE.	Standard Time.
		SUN R.&S.	MOON R.&S.			SUN R.&S.	MOON R.&S.		
1	SA.	7 30	11 49	3 46	1	7 25	11 49	0 45	
2	S	5 4 39	morn	4 33	2	5 44	morn	1 32	
3	MO.	7 30	0 47	5 22	3	7 25	0 46	2 20	
4	TU.	5 4 40	1 47	6 15	4	5 44	1 45	3 13	
5	WE.	7 30	2 47	7 10	5	7 25	2 44	4 7	
6	TH.	5 4 43	3 49	8 7	6	5 44	3 46	5 4	
7	FR.	7 30	4 52	9 2	7	7 25	4 48	6 0	
8	SA.	5 4 45	5 55	9 57	8	5 44	5 51	6 55	
9	S	7 29	rises.	10 51	9	7 24	rises.	7 45	
10	MO.	5 4 47	5 58	11 41	10	5 44	6 2	8 37	
11	TU.	7 28	7 9	0 6	11	7 24	7 12	9 29	
12	WE.	5 4 49	8 21	0 55	12	5 44	8 23	10 17	
13	TH.	7 28	9 33	1 45	13	7 23	9 34	11 4	
14	FR.	5 4 51	10 44	2 35	14	5 44	10 44	11 57	
15	SA.	7 27	11 54	3 25	15	7 22	11 53	0 23	
16	S	5 4 53	morn	4 18	16	5 44	morn	1 18	
17	MO.	7 26	1 2	5 18	17	7 21	1 0	2 16	
18	TU.	5 4 56	2 8	6 20	18	5 4	2 5	3 18	
19	WE.	7 25	3 12	7 21	19	7 20	3 9	4 18	
20	TH.	5 4 58	4 14	8 20	20	5 3	4 10	5 17	
21	FR.	7 24	5 11	9 16	21	7 19	5 7	6 14	
22	SA.	5 4	6 3	10 7	22	5 6	5 59	7 4	
23	S	7 22	sets.	10 54	23	7 18	sets.	7 48	
24	MO.	5 3	5 49	11 35	24	5 8	5 52	8 31	
25	TU.	7 21	6 47	....	25	7 17	6 50	9 12	
26	WE.	5 3	6 45	0 34	26	5 10	7 47	9 51	
27	TH.	7 19	8 42	1 13	27	7 15	8 43	10 28	
28	FR.	5 3	9 39	1 51	28	5 12	9 39	11 4	
29	S	7 17	10 36	2 29	29	7 13	10 35	11 44	
30	S	5 12	11 34	3 7	30	5 15	11 33	0 5	
31	MO.	7 15	morn	3 49	31	7 11	morn	0 48	



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER ..	1d. 3h. 27m. M.	1d. 2h. 27m. M.
FULL MOON .....	8d. 5h. 14m. M.	8d. 4h. 14m. M.
LAST QUARTER ...	14d. 8h. 32m. A.	14d. 7h. 32m. A.
NEW MOON .....	22d. 4h. 40m. A.	22d. 3h. 40m. A.

BOSTON & CHICAGO.				BOST. TIDE.		N. YORK & PHILA. Local Mean Time.		N. Y. TIDE.	
D. of M.	Day of Wk.	SUN R.&S.	MOON R.&S.	Standard Time.	D. of M.	SUN R.&S.	MOON R.&S.	Standard Time.	Standard Time.
1	TU.	17	14	0 33	4 37	17	10	0 31	1 36
2	WE.	15	1 33	5 32	2 55	19	1 30	2 30	
3	TH.	17	12 34	6 31	3 7	9	2 30	3 29	
4	FR.	15	18 35	7 33	4 5	21	3 31	4 29	
5	SA.	17	10 4	8 36	5 7	7	4 31	5 33	
6	S	15	20 5 32	9 35	6 5	24	5 28	6 33	
7	MO.	17	8 0 24	10 33	7 7	4	6 20	7 20	
8	TU.	15	23 rises.	11 24	8 5	26	rises.	8 18	
9	WE.	17	6 7 12	.....	9 7	2	7 14	9 11	
10	TH.	15	26 8 26	0 36	10 5	29	8 27	9 59	
11	FR.	17	2 9 39	1 26	11 7	0	9 39	10 45	
12	SA.	15	28 10 50	2 14	12 5	31	10 49	11 33	
13	S	17	0 11 59	3 3	13 7	57	11 57	.....	
14	MO.	15	31 morn	3 56	14 5	33	morn	0 54	
15	TU.	16	58 1 5	4 54	15 7	54	1 2	1 51	
16	WE.	15	33 2 8	5 54	16 5	36	2 4	2 52	
17	TH.	16	55 3 7	6 58	17 7	52	3 3	3 55	
18	FR.	15	36 4 0	7 59	18 5	38	3 56	4 56	
19	SA.	16	52 4 48	8 55	19 7	49	4 44	5 52	
20	S	15	38 5 30	9 44	20 5	41	5 26	6 42	
21	MO.	16	49 6 7	10 29	21 7	46	6 4	7 25	
22	TU.	15	41 sets.	11 9	22 5	43	sets.	8 4	
23	WE.	16	46 6 34	11 46	23 7	43	6 35	8 42	
24	TH.	15	43 7 32	0 4	24 5	46	7 33	9 21	
25	FR.	16	43 8 29	0 41	25 7	40	8 29	9 57	
26	SA.	15	46 9 26	1 17	26 5	48	9 25	10 31	
27	S	16	39 10 24	1 54	27 7	38	10 22	11 8	
28	MO.	15	48 11 22	2 33	28 5	50	11 19	11 49	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER ..	2d. 8h. 8m. A.	2d. 7h. 8m. A.
FULL MOON .....	9d. 3h. 34m. A.	9d. 2h. 34m. A.
LAST QUARTER ...	16d. 8h. 42m. M.	16d. 7h. 42m. M.
NEW MOON .....	24d. 11h. 10m. M.	24d. 10h. 10m. M.

BOSTON & CHICAGO.				BOST. TIDE.		N. YORK & PHILA. Local Mean Time.		N. Y. TIDE.	
D. of M.	Day of Wk.	SUN R.&S.	MOON R.&S.	Standard Time.	D. of M.	SUN R.&S.	MOON R.&S.	Standard Time.	Standard Time.
1	TU.	16	36 morn	3 14	1 16	35	morn	0 12	
2	WE.	15	51 0 21	4 1	2 5	52	0 18	1 0	
3	TH.	16	33 1 21	4 56	3 16	31	1 17	1 54	
4	FR.	15	53 2 20	5 58	4 55	54	2 16	2 56	
5	SA.	16	30 3 16	7 5	5 16	28	3 12	4 2	
6	S	15	56 4 9	8 12	6 5	57	4 5	5 8	
7	MO.	16	27 4 57	9 13	7 16	25	4 53	6 11	
8	TU.	15	58 5 41	10 12	8 5	59	5 38	7 9	
9	WE.	16	23 rises.	11 3	9 16	22	rises.	7 57	
10	TH.	16	0 7 13	11 50	10 6	1	7 13	8 48	
11	FR.	16	19 8 29	0 14	11 16	19	8 28	9 36	
12	SA.	16	3 9 42	1 2	12 6	3	9 40	10 22	
13	S	16	16 10 52	1 50	13 16	15	10 49	11 9	
14	MO.	16	5 11 58	2 40	14 6	5	11 54	.....	
15	TU.	16	13 morn	3 31	15 16	12	morn	0 30	
16	WE.	16	7 1 0	4 28	16 16	7	0 56	1 27	
17	TH.	16	9 1 56	5 29	17 16	9	1 52	2 30	
18	FR.	16	10 2 46	6 33	18 16	10	2 42	3 27	
19	SA.	16	6 3 30	7 32	19 16	6	3 26	4 29	
20	S	16	12 4 9	8 27	20 16	12	4 6	5 24	
21	MO.	16	2 4 43	9 15	21 16	2	4 46	6 13	
22	TU.	16	14 5 14	10 0	22 16	14	5 12	6 57	
23	WE.	15	59 5 42	10 39	23 15	50	5 41	7 35	
24	TH.	16	16 sets.	11 16	24 16	16	sets.	8 10	
25	FR.	15	55 7 20	11 50	25 15	56	7 19	8 47	
26	SA.	16	19 8 18	0 8	26 16	18	8 16	9 25	
27	S	15	52 9 16	0 45	27 15	52	9 14	10 1	
28	MO.	16	21 10 15	1 23	28 16	20	10 12	10 39	
29	TU.	15	48 11 14	2 4	29 15	49	11 10	11 20	
30	WE.	16	23 morn	2 46	30 16	22	morn	.....	
31	TH.	15	45 0 12	3 35	31 15	46	0 8	0 33	



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FIRST QUARTER ..	1d. 8h. 53m. M.	1d. 7h. 53m. M.
FULL MOON .....	8d. 0h. 30m. M.	7d. 11h. 39m. A.
LAST QUARTER...	14d. 11h. 4m. A.	14d. 10h. 4m. A.
NEW MOON.....	23d. 3h. 53m. M.	23d. 2h. 53m. M.
FIRST QUARTER..	30d. 6h. 0m. A.	30d. 5h. 0m. A.

BOSTON & CHICAGO.				BOST. TIDE.		N. YORK & PHILA.				N. Y. TIDE.	
D. of M.	Day of Wk.	Local Mean Time.	Standard Time.	D. of M.	Day of Wk.	Local Mean Time.	Standard Time.	D. of M.	Day of Wk.	Local Mean Time.	Standard Time.
		SUN R.&S. MOON R.&S.				SUN R.&S. MOON R.&S.				SUN R.&S. MOON R.&S.	
1	Fr.	75 43	1 8	4 32	1	75 44	1 4	4 31	1	75 44	1 4
2	Sa.	76 20	2 1	5 35	2	76 25	1 57	2 33	2	76 25	1 57
3	Mo.	75 40	2 49	6 42	3	75 41	2 45	3 39	3	75 41	2 45
4	Mo.	76 29	3 33	7 50	4	76 27	3 30	4 46	4	76 27	3 30
5	Tu.	75 36	4 13	8 52	5	75 38	4 11	5 49	5	75 38	4 11
6	We.	76 31	4 51	9 48	6	76 29	4 50	6 46	6	76 29	4 50
7	Th.	75 33	5 28	10 42	7	75 35	5 28	7 37	7	75 35	5 28
8	Fr.	76 33	rises.	11 28	8	76 32	rises.	8 22	8	76 32	rises.
9	Sa.	75 30	8 29	.....	9	75 31	8 26	9 13	9	75 31	8 26
10	Mo.	76 36	9 40	0 39	10	76 34	9 37	10 1	10	76 34	9 37
11	Mo.	75 26	10 47	1 28	11	75 28	10 43	10 47	11	75 28	10 43
12	Tu.	76 38	11 48	2 17	12	76 36	11 44	11 38	12	76 36	11 44
13	We.	75 23	morn	3 8	13	75 25	morn	0 5	13	75 25	morn
14	Th.	76 40	0 42	4 3	14	76 38	0 38	1 2	14	76 38	0 38
15	Fr.	75 20	1 29	5 1	15	75 22	1 25	2 0	15	75 22	1 25
16	Sa.	76 42	2 9	6 1	16	76 40	2 5	2 58	16	76 40	2 5
17	Mo.	75 16	2 45	6 59	17	75 19	2 42	3 55	17	75 19	2 42
18	Mo.	76 44	3 17	7 52	18	76 42	3 15	4 48	18	76 42	3 15
19	Tu.	75 13	3 46	8 39	19	75 16	3 44	5 37	19	75 16	3 44
20	We.	76 47	4 14	9 24	20	76 44	4 13	6 22	20	76 44	4 13
21	Th.	75 10	4 41	10 5	21	75 13	4 41	7 3	21	75 13	4 41
22	Fr.	76 49	5 7	10 44	22	76 46	5 8	7 39	22	76 46	5 8
23	Sa.	75 7	sets.	11 20	23	75 10	sets.	8 15	23	75 10	sets.
24	Mo.	76 31	8 9	11 58	24	76 48	8 6	8 55	24	76 48	8 6
25	Mo.	75 4	9 10	0 17	25	75 7	9 6	9 35	25	75 7	9 6
26	Tu.	76 53	10 8	0 58	26	76 50	10 4	10 16	26	76 50	10 4
27	We.	75 1	11 4	1 41	27	75 4	11 0	10 58	27	75 4	11 0
28	Th.	76 56	11 58	2 28	28	76 52	11 54	11 48	28	76 52	11 54
29	Fr.	74 59	morn	3 17	29	75 2	morn	0 15	29	75 2	morn
30	Sa.	76 58	0 46	4 13	30	76 54	0 42	1 12	30	76 54	0 42
31	.....	.....	.....	.....	31	.....	.....	.....	31	.....	.....



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON .....	7d. 9h. 1m. M.	7d. 8h. 1m. M.
LAST QUARTER...	14d. 3h. 17m. A.	14d. 2h. 17m. A.
NEW MOON.....	22d. 6h. 5m. A.	22d. 5h. 5m. A.
FIRST QUARTER..	30d. 0h. 19m. M.	29d. 11h. 19m. A.

BOSTON & CHICAGO.				BOST. TIDE.		N. YORK & PHILA.				N. Y. TIDE.	
D. of M.	Day of Wk.	Local Mean Time.	Standard Time.	D. of M.	Day of Wk.	Local Mean Time.	Standard Time.	D. of M.	Day of Wk.	Local Mean Time.	Standard Time.
		SUN R.&S. MOON R.&S.				SUN R.&S. MOON R.&S.				SUN R.&S. MOON R.&S.	
1	Mo.	74 56	1 30	5 16	1	74 59	1 27	2 14	1	74 59	1 27
2	Mo.	77 0	2 10	6 21	2	76 57	2 7	3 19	2	76 57	2 7
3	Tu.	74 53	2 47	7 27	3	74 57	2 45	4 23	3	74 57	2 45
4	We.	77 2	3 23	8 29	4	76 59	3 22	5 26	4	76 59	3 22
5	Th.	74 50	3 58	9 25	5	74 54	3 58	6 23	5	74 54	3 58
6	Fr.	77 4	4 33	10 17	6	77 1	4 34	7 14	6	77 1	4 34
7	Sa.	74 48	rises.	11 8	7	74 52	rises.	8 1	7	74 52	rises.
8	Mo.	77 7	8 25	11 53	8	77 3	8 21	8 51	8	77 3	8 21
9	Mo.	74 45	9 32	0 17	9	74 49	9 28	9 40	9	74 49	9 28
10	Tu.	77 9	10 31	1 7	10	77 5	10 26	10 27	10	77 5	10 26
11	We.	74 43	11 23	1 55	11	74 47	11 19	11 14	11	74 47	11 19
12	Th.	77 11	morn	2 44	12	77 7	morn	.....	12	77 7	morn
13	Fr.	74 41	0 7	3 35	13	74 45	0 3	0 33	13	74 45	0 3
14	Sa.	77 13	0 45	4 28	14	77 9	0 42	1 26	14	77 9	0 42
15	Mo.	74 39	1 19	5 22	15	74 43	1 16	2 20	15	74 43	1 16
16	Mo.	77 15	1 49	6 16	16	77 11	1 47	3 13	16	77 11	1 47
17	Tu.	74 37	2 17	7 8	17	74 41	2 16	4 4	17	74 41	2 16
18	We.	77 17	2 44	7 57	18	77 13	2 44	4 53	18	77 13	2 44
19	Th.	74 35	3 11	8 43	19	74 40	3 12	5 40	19	74 40	3 12
20	Fr.	77 19	3 39	9 27	20	77 14	3 40	6 25	20	77 14	3 40
21	Sa.	74 33	4 8	10 11	21	74 38	4 10	7 8	21	74 38	4 10
22	Mo.	77 21	sets.	10 53	22	77 16	sets.	7 48	22	77 16	sets.
23	Mo.	74 31	8 2	11 33	23	74 36	7 58	8 28	23	74 36	7 58
24	Tu.	77 23	9 0	.....	24	77 18	8 56	9 14	24	77 18	8 56
25	We.	74 30	9 55	0 38	25	74 35	9 50	9 58	25	74 35	9 50
26	Th.	77 25	10 46	1 24	26	77 20	10 42	10 43	26	77 20	10 42
27	Fr.	74 29	11 31	2 13	27	74 34	11 27	11 33	27	74 34	11 27
28	Sa.	77 27	morn	3 4	28	77 21	morn	0 1	28	77 21	morn
29	Mo.	74 27	0 12	3 58	29	74 33	0 9	0 57	29	74 33	0 9
30	Mo.	77 28	0 50	4 59	30	77 23	0 48	1 55	30	77 23	0 48
31	Tu.	74 26	1 24	5 59	31	74 32	1 23	2 57	31	74 32	1 23



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON .....	5d. 5h. 38m. A.	5d. 4h. 38m. A.
LAST QUARTER ...	13d. 8h. 35m. M.	13d. 7h. 35m. M.
NEW MOON .....	21d. 5h. 53m. M.	21d. 4h. 53m. M.
FIRST QUARTER ..	28d. 5h. 1m. M.	28d. 4h. 1m. M.

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



MOON'S PHASES. (In Standard Time.)	BOSTON. And Eastern Division.	CHICAGO. And Central Division.
FULL MOON .....	5d. 3h. 34m. M.	5d. 2h. 34m. M.
LAST QUARTER ...	13d. 1h. 57m. A.	13d. oh. 57m. M.
NEW MOON .....	20d. 3h. 50m. A.	20d. 2h. 50m. A.
FIRST QUARTER ..	27d. 9h. 30m. M.	27d. 8h. 30m. M.

BOSTON & CHICAGO.				BOST.	N. YORK & PHILA.				N. Y.
D. of M.	Day of Wk.	Local Mean Time.		TIDE.	D. of M.	Local Mean Time.		TIDE.	D. of M.
		SUN R.&S.	MOON R.&S.			SUN R.&S.	MOON R.&S.		
1	FR.	74 26	1 43	7 41	1	74 32	1 46	4 37	0
2	SA.	77 40	2 22	8 41	2	77 35	2 25	5 39	0
3	S	74 27	3 6	9 38	3	74 33	3 10	6 36	0
4	MO.	77 40	3 55	10 31	4	77 34	3 59	7 27	0
5	TU.	74 29	rises.	11 18	5	74 34	rises.	8 12	0
6	WE.	77 40	8 38	....	6	77 34	8 34	9 1	0
7	TH.	74 30	9 16	0 26	7	74 36	9 13	9 46	0
8	FR.	77 39	9 50	1 9	8	77 33	9 47	10 26	0
9	SA.	74 31	10 21	1 51	9	74 37	10 19	11 5	0
10	S	77 38	10 50	2 31	10	77 32	10 49	11 48	0
11	MO.	74 33	11 17	3 12	11	74 38	11 17	0 9	0
12	TU.	77 37	11 43	3 55	12	77 32	11 44	0 54	0
13	WE.	74 34	morn	4 41	13	74 40	morn	1 49	0
14	TH.	77 36	0 10	5 30	14	77 31	0 12	2 29	0
15	FR.	74 36	0 40	6 24	15	74 41	0 42	3 21	0
16	SA.	77 35	1 13	7 16	16	77 29	1 16	4 15	0
17	S	74 37	1 50	8 14	17	74 43	1 54	5 12	0
18	MO.	77 34	2 33	9 10	18	77 28	2 37	6 8	0
19	TU.	74 39	3 25	10 4	19	74 44	3 30	7 1	0
20	WE.	77 32	sets.	10 55	20	77 27	sets.	7 49	0
21	TH.	74 41	8 9	11 42	21	74 46	8 5	8 39	0
22	FR.	77 30	8 51	0 6	22	77 25	8 48	9 29	0
23	SA.	74 43	9 29	0 54	23	74 48	9 27	10 15	0
24	S	77 29	10 4	1 43	24	77 23	10 3	11 1	0
25	MO.	74 45	10 37	2 31	25	74 49	10 37	11 52	0
26	TU.	77 27	11 10	3 20	26	77 22	11 11	0 18	0
27	WE.	74 47	11 45	4 14	27	74 51	11 47	1 13	0
28	TH.	77 25	morn	5 13	28	77 20	morn	2 11	0
29	FR.	74 49	0 23	6 16	29	74 53	0 26	3 14	0
30	SA.	77 23	1 5	7 21	30	77 18	1 9	4 18	0
31	S	74 51	1 50	8 23	31	74 55	1 54	5 20	0







MOON'S PHASES. (In Standard Time.)	BOSTON. As Eastern Division.	CHICAGO. As Central Division.
LAST QUARTER...	7d. 10h. 11m. A.	7d. 9h. 11m. A.
NEW MOON.....	14d. 2h. 21m. A.	14d. 1h. 21m. A.
FIRST QUARTER..	22d. 2h. 1m. M.	22d. 1h. 1m. M.
FULL MOON.....	30d. 3h. 14m. M.	30d. 2h. 14m. M.

BOSTON & CHICAGO.				BOST.		N. YORK & PHILA.				N. Y.				
D. of M.	Day of Wk.	Local Mean Time.		TIDE.	Standard Time.	D. of M.	Local Mean Time.		TIDE.	Standard Time.				
		SUN R.&S.	MOON R.&S.				SUN R.&S.	MOON R.&S.						
1	TH.	77	9	5	37	11	39	1	7	4	5	42	8	35
2	FR.	54	28	6	26	0	0	2	54	33	6	31	9	19
3	SA.	77	11	7	20	0	43	3	7	6	7	25	10	4
4	SA.	54	28	8	19	1	29	4	54	33	8	23	10	47
5	MO.	77	14	9	23	2	16	5	7	8	9	27	11	36
6	TU.	54	28	10	30	3	5	6	54	33	10	33	0	2
7	WE.	77	16	11	39	3	57	7	7	10	11	41	0	56
8	TH.	54	28	morn		4	55	8	54	33	morn		1	53
9	FR.	77	17	0	49	5	55	9	7	12	0	50	2	53
10	SA.	54	28	2	0	6	57	10	54	33	2	0	3	55
11	SA.	77	19	3	13	8	0	11	7	14	3	11	4	57
12	MO.	54	28	4	26	8	59	12	54	33	4	23	5	56
13	TU.	77	21	5	39	9	55	13	7	15	5	35	6	53
14	WE.	54	28	sets.		10	48	14	54	34	sets.		7	43
15	TH.	77	22	5	40	11	39	15	7	17	5	45	8	34
16	FR.	54	29	6	40	0	3	16	54	34	6	45	9	27
17	SA.	77	24	7	42	0	53	17	7	18	7	46	10	14
18	SA.	54	29	8	45	1	41	18	54	35	8	48	10	59
19	MO.	77	25	9	47	2	28	19	7	20	9	50	11	46
20	TU.	54	30	10	47	3	12	20	54	36	10	49	0	10
21	WE.	77	26	11	46	3	59	21	7	21	11	47	1	58
22	TH.	54	31	morn		4	46	22	54	37	morn		1	45
23	FR.	77	27	0	44	5	37	23	7	22	0	44	2	35
24	SA.	54	32	1	42	6	27	24	54	38	1	41	3	25
25	SA.	77	28	2	40	7	18	25	7	22	2	38	4	15
26	MO.	54	34	3	38	8	8	26	54	39	3	35	5	5
27	TU.	77	29	4	37	8	57	27	7	23	4	34	5	54
28	WE.	54	35	5	36	9	46	28	54	40	5	32	6	44
29	TH.	77	29	6	35	10	34	29	7	24	6	30	7	29
30	FR.	54	36	rises.		11	18	30	54	42	rises.		8	12
31	SA.	77	30	6	10	.....		31	7	24	6	14	9	1

Ther. SAT. JAN. 1, 1887 Wea.

In Office. Mailed  
Suzel. Howard S.  
helped. Co & Keane  
at 1 1/2 a.m. dined  
at home. Peto in  
Boston

Letter from A.H.  
at household  
things

Ther. SUNDAY 2 Wea.

At home. Communion  
assisted. Pastor Wood  
Prayer meeting at  
Evangel. Hallard S.  
at Church

Ther. MONDAY 3 Wea.

Charles & Keane  
to Worcester at 4-30  
P.M.  
In Office  
Attended  
Pr. meeting (Miss) 10-11 a.m.  
" " 11:30 to 12  
" " at Milford  
Mystic Ch

Ther.

TUES. JAN. 4, 1887

Wea.

Marriage of John  
W. Foster to  
Miss Barnes at  
Worcester.

In Office  
1<sup>st</sup> meeting C. House  
2<sup>nd</sup> Medford

Ther.

WEDNESDAY 5

Wea.

R. m. C. House &  
West Medford

Charles spoke at  
M. S. Ch.

Ther.

THURSDAY 6

Wea.

Led the two meetings  
Topic, Gammon's  
Confession. Humil-  
iation

At 2 left for Chicago  
7 P.M. Hitchcock R.R.

Ther.

FRI. JAN. 7, 1887

Wea.

2<sup>nd</sup> meeting -  
In Office

Ther.

SATURDAY 8

Wea.

Went to Berry N.H.  
at 5 P.M. Entertained  
by L. B. Pillsbury

Ther.

SUNDAY 9

Wea.

1<sup>st</sup> sermon at 11 A.M.  
Reached home & ad-  
dressed S. S. at  
Bap. Ch. Berry depot.  
Took 3<sup>rd</sup>

Ther. MON. JAN. 10, 1887 Wea.

Evangelical Alliance  
mailed new Advs  
cate. H in Office  
M~~W~~ingham called.

Ther. TUESDAY 11 Wea.

Balance against me  
at Bank \$4.80  
H in office. <sup>inquired</sup>  
D. Petchers & Advertiser  
10% from Dr Bartine  
25% sent Mr Mundy  
(Patience Heas)

Dr Bartine Glen Hall N.Y.

Ther. WEDNESDAY 12 Wea.

dep 5<sup>7</sup>/<sub>8</sub>

Ther. THURS. JAN. 13, 1887 Wea.

Two Paper meetings - Friday  
"day by day" given.

Mr. Green Howard & Helen  
went to N.O. Antonio  
Helen returned - A.C. P. 10

Ther. FRIDAY 14 Wea.

In Office till 2-30  
then home -

Ther. SATURDAY 15 Wea.

H. A. C. went to  
Haley via North-  
hampton -

Ther. SUN. JAN. 16, 1887 Wea.

Mr. du Sling, Sch-  
erson. Rec in Stairs  
10-45 - checked  
12 - add 32  
6. Sch. of theburg  
Coll. 6.73  
News 100  
10773

Beautiful white day

Ther. MONDAY 17 Wea.

In Office 4-30  
Home 6-30-  
Received 10773 for  
Angel

Heard Sam Jones  
at ~~Leicester~~ Leapt

Ther. TUESDAY 18 Wea.

In Office  
Heard Sam  
Jones at  
Leo Ch

Ther. WED. JAN. 19, 1887 Wea.

So

Heard Sam Jones  
at 12 Leammil  
Hall

Ther. THURSDAY 20 Wea.

So. Rager meeting

Ther. FRIDAY 21 Wea.

So

Ther. SAT. JAN. 22, 1887 Wea.

Ther. TUES. JAN. 25, 1887 Wea.

In Office

Ther. SUNDAY 23 Wea.

At Home

Ther. WEDNESDAY 26 Wea.

Prayer meeting at  
Normal School House  
with Mrs R. Galters  
J. M. Merrill  
Ed. Sands  
P. Loring

Ther. MONDAY 24 Wea.

Heard Stern  
James T. Lemp  
Cemage -  
Character -

Ther. THURSDAY 27 Wea.

calls. Left for  
Mr. Crosby - dinner  
sea things - G. Hayes  
W. Welch. At Parkville  
R. Brett. Call for  
meeting at sea 13  
G. presents. call  
Mr. Hubbal Greenwood

Ther. FRI. JAN. 28, 1887 Wea.

To Wintrop  
Dinner & Tea  
with Laura -  
Saffoye meeting  
Am. Badgers for  
night -  
Dea Woodman's home

Ther. SATURDAY 29 Wea.

Next to Lexington  
from Bailey-Ville  
Dinner, Elm House

Ther. SUNDAY 30 Wea.

Lexington A.M.  
Caryl Ch -  
Pch. C. S. Hall  
Even. N. W. Jones  
L. meeting  
at Ches. Greenwoods

Ther. MON. JAN. 31, 1887 Wea.

Visited Bertha &  
Edith Herron at  
their school 4 miles  
Hus. Chas Greenwood  
Am. meeting  
Dinner at Elm House

Ther. TUESDAY, FEB. 1 Wea.

In Office  
Calls. Russell. Latten

Ther. WEDNESDAY 2 Wea.

Allen & I heard  
Sam Swagg  
at Peoples Ch  
Call. Am. Jobey

Ther. THURS. FEB. 3, 1887 Wea.

Two meetings  
as usual -  
Aton 1/2 day

Ther. FRIDAY 4 Wea.

Ulla went as far  
as Portland & 2  
to Auburn  
Cally  
Helen Old's friends  
& wife

Ther. SATURDAY 5 Wea.

Went to Wintthrop  
& Boulogne with  
Laura -  
Meeting P. M.  
& Evening - I  
Spoke in evening  
morning meeting  
Timothy Nassey

Ther. SUN. FEB. 6, 1887 Wea.

9. A.M. Meeting - Friends  
10-30. Church. (Bapt)  
E. Wintthrop Rev A.R. Crane -  
D.L. S.S.  
J. S. L. Friends  
Spoke brief  
7-30. Rev. E. Wintthrop  
Singing a little

Ther. MONDAY 7 Wea.

Educational meeting  
Burlington - Chas. H.  
Jones, Milnor Jones  
Eli Jones - Augusta  
Jones, May J. Reeves  
William Thompson - I  
Spoke A.M. & Evening -

Ther. TUESDAY 8 Wea.

Came home Wintthrop  
on Scotland fire  
hours -

Ther. WED. FEB. 9, 1887 Wea.

In Office - G. Com  
met at 2-30 -  
in meetings 11-30  
A.M. 2-7-45  
Evening. Spoke 2  
times

Correspondence

Ther. THURSDAY 10 Wea.

They called -  
C. J. Dunham

Ther. FRIDAY 11 Wea.

In Office

Ther. SAT. FEB. 12, 1887 Wea.

Go to Hinsdale Mt.  
- call -  
Mr Kimball. Mt Auburn

Ther. SUNDAY 13 Wea.

Wycl Church 10-45  
S.S. 12-15  
Evening 6.  
Verdine meeting  
10:75-  
1.00 Miss Kendall  
15 Mrs Cummings

Ther. MONDAY 14 Wea.

calls, Mr Hamilton  
" Dea Wellman  
" Rev. Mr Reed  
Home at 5-40 P.M.

Ther. TUES. FEB. 15, 1887 Wea.

In Offices

Ther. FRI. FEB. 18, 1887 Wea.

In Phila

Bal in Bk	10.00
check	19.40
	<hr/>
	29.40

Ther. WEDNESDAY 16 Wea.

In Office

Ther. SATURDAY 19 Wea.

went to Phila  
 by R.R.  
 W.P. Drews  
 3244 Chestnut  
 St

Ther. THURSDAY 17 Wea.

at Prayer meeting

Ther. SUNDAY 20 Wea.

In Phila (5.05 P.M.)  
 S.M. H.O. Gibbons  
 B. P. W. H. S. Clubb's  
 Church, Phila  
 Christian Council  
 3 P.M.  
 call on Rev. H.  
 Poberg  
 Green. (Gibbons)

Ther. MON. FEB. 21, 1887 Wea.

Ministers meeting  
11. a.m. Spoke B. M.  
Presby  
J. M. Leeds Office

Ther. TUESDAY 22 Wea.

Holiday called on  
L. C. Garrett  
1224, Chestnut  
(out)  
J. M. Leeds

Ther. WEDNESDAY 23 Wea.

Went to Germantown  
W. H. Merrick  
for Leeds

Ther. THURS. FEB. 24, 1887 Wea.

Friends meeting  
Duane St - 70-30 to  
11-30  
J. M. Leeds

Ther. FRIDAY 25 Wea.

Meeting of N. C. A.  
Rooms, Columbia  
St. to present accounts  
for & discuss military  
appropriations proposed  
by Congress - National  
Ly. Union - Dr. Pugh  
at 500 - 500  
Spoke - Res. about  
Pres of people.

Ther. SATURDAY 26 Wea.

From storm - call  
Phillip C. Garrett  
Pres and General of  
Bible League & Sec  
of Penn. Bd of Agric.  
Chambers

Ther. SUN. FEB. 27, 1887 Wea.

Reached AAA & Young  
for Rev. W. S. Roberts Temple  
Miss C. Cor. Junction of Park  
It is 3 am yet in the  
evening. Carded address  
by Austin. Coll.

Ortle Ct. Ch. 303 - St near  
Grand Ave. 14 S. Clubb St.

Ther. MONDAY 28 Wea.

Call E. S. Morris -  
Left 9.40  
In N.Y. John Beales -  
12th 2.30  
Boston 9. Home 10.20  
P.d.v.

Ther. TUESDAY, MAR. 1 Wea.

In Office  
call J. A. Russell  
L. W. Patten.

Received Salary Paid  
bills

Mr Minnie P. Howard  
died. wife died aged  
23 yrs. 11 mos sure  
coll.

Ther. WED. MAR. 2, 1887 Wea.

Ther. THURSDAY 3 Wea.

Conf. Rev. Prankton?  
Mrs. Prager Melton

## TRIBUNE-REPUBLICAN

FRIDAY, NOVEMBER 6, 1887.

PALMER-HOWARD.

Marriage of Miss Minnie Palmer and Mr.  
David P. Howard.

A wedding took place last evening at the residence of Mr. G. W. Palmer, on Ashland avenue, the contracting parties being Miss Minnie F. Palmer and Mr. David P. Howard, a young lawyer of this city. The Rev. Mr. Hicks of the North Side Congregational Church performed the ceremony. A large number of handsome presents gave testimony to the high regard in which the young couple are held. After a pleasant evening the company broke up with many wishes for the future happiness of the newly-married pair.

Ther.

SAT. MAR. 5, 1887

Wea.

*Wet. ...*

Ther.

SUNDAY 6

Wea.

*At home*

*Communion. Attended  
Lester & led prayer  
meeting*

Ther.

MONDAY 7

Wea.

*Sent W. Angel*

Ther.

TUES. MAR. 8, 1887

Wea.

*At work on  
Advocate -  
L. G. Collier  
L. G. Gilman  
H. W. Beecher died*

Ther.

WEDNESDAY 9

Wea.

Ther.

THURSDAY 10

Wea.

*Stormy night Small  
meeting*

Ther. FRI. MAR. 11, 1887 Wea.

Heard Miss Cox  
N.W.C. at Arlington  
with 2 news  
in Shigh

Ther. SATURDAY 12 Wea.

Amie & Neelen came  
in - bought for shoes

Ther. SUNDAY 13 Wea.

16-30 - W. Inverville  
17 - D. F. found chest  
3 P.M. DeGordony  
Chas. De Munhall  
on gods lines to  
rose -  
Evening at home  
Rev. G. Hood

Ther. MON. MAR. 14, 1887 Wea.

Becher  
Alliance - Dr. Bates,  
Garden St. & Church  
& Munhall. The latter  
spoke of Gov. Nevada.  
12 - J. Cook on Becher

SOULE-WESTON-In Highland Park, Ill., March  
14, Charles B. Soule and Mary, youngest daughter  
of the late Prof. E. F. Weston, formerly superin-  
tendent of public instruction in Maine.

Ther. TUESDAY 15 Wea.

A. B. G. Called  
Tel. Home 1076 A.P.S.  
David sent 13.65  
How. paid me the 108

Ther. WEDNESDAY 16 Wea.

Ther. THURS. MAR. 17, 1887 Wea.

Ther. SUN. MAR. 20, 1887 Wea.

A.M. + evening  
Present St. Ch. (Congl)  
Rev Jagd. Left.  
12.30 Friends S.P.  
in M.M. Binford's Ch.  
with whom I speak  
night

Ther. FRIDAY 18 Wea.

Ther. MONDAY 21 Wea.

In Office  
Heard J. Cook

Ther. SATURDAY 19 Wea.

Ther. TUESDAY 22 Wea.

Hotel Lynn  
\$1.75

Ther. WED. MAR. 23, 1887 Wea.

Ther. THURSDAY 24 Wea.

Led paper M at  
W. Wedgwood

Ther. FRIDAY 25 Wea.

Ther. SAT. MAR. 26, 1887 Wea.

Went to Providence  
Dr. P. C. calls  
Dr. Washwood  
Dr. R. Whittemore  
Home with B. F. Kumbles  
Hazen H

Ther. SUNDAY 27 Wea.

At the 1st Congregational  
Unitarian Ch. Rev. J. K. Slison  
H. P. G. Swindt  
School  
7-30. Heard Dr. Voss  
on "Lovable of Universal  
Ternant."  
Miss  
F. C. Nightengale 5:00

Ther. MONDAY 28 Wea.

In Office at 11-15  
B. F. Kumbles 5:00  
& Umbrella.

Ther. TUES. MAR. 29, 1887 Wea.

Ther. FRI. APRIL 1, 1887 Wea.

David J. H. Huntman  
L. J. 30.35 -  
Haw in Office

Ther. WEDNESDAY 30 Wea.

Ther. SATURDAY 2 Wea.

Ther. THURSDAY 31 Wea.

Haw in Office 1/2 day

Ther. SUNDAY 3 Wea.

Keene N. H. Deherville  
A.M. + 6-30 P.M.  
\$4.00 Coll. call  
A. E. Webb

Ther. MON. APRIL 4, 1887 Wea.

Rochester week, Reached  
Boston 2-30 P.M.

Ther. TUESDAY 5 Wea.

Yo. Soc. Meeting. Nat. in  
of Christian Love  
In Office

Ther. WEDNESDAY 6 Wea.

Put out "The"  
Coming Reform  
400,  
Hemond helped

Ther. THURS. APRIL 7, 1887 Wea.

C. A. Hager meeting  
How Last day  
meeting at  
Met. 11. A.M.  
Relation of human  
Government to X-

Ther. FRIDAY 8 Wea.

Rev J Allen Capt  
A. K. Stewart - wife  
Rev. G. B. Smith &  
wife dined with  
us.

Ther. SATURDAY 9 Wea.

Ther. SUN. APRIL 10, 1887 Wea.

Wilford Mass. - S.W.  
Eaton Sem. - S.S.  
S.S. Convent. - H  
Hotel 15.

Ther. MONDAY 11 Wea.

Ther. WED. APRIL 13, 1887 Wea.

Ther. THURSDAY 14 Wea.

Ther. TUESDAY 12 Wea.

Ther. FRIDAY 15 Wea.

Ther. SAT. APRIL 16, 1887 Wea.

met at neat & B. L  
Kumler 202 Hazel St  
to dinner. Calls -  
Mr. Huntsman, Dr  
Brom. Sea Lincoln  
Dr Huntington <sup>at</sup> White  
more - Gifford R. P.

Ther. SUNDAY 17 Wea.

pt Bap Ch. Providence  
J. M. & sister  
Rev. Amos Scobee  
young Gettysburg  
2. G. A. Kofke of  
Celoid fact.

Ther. MONDAY 18 Wea.

Lynn Stover, Home  
St. C. Kelly  
Bap minister  
meeting 40 present

Ther. TUES. APRIL 19, 1887 Wea.

Ther. WEDNESDAY 20 Wea.

to Mrs. W. P. No. 107

Ther. THURSDAY 21 Wea.

Dined at Mrs. W. P. No. 107  
Melrose. With Mrs  
Gowers wife & ~~...~~  
At the meeting, Mrs J  
Mayer spoke. I  
threw her personal  
concern in light up  
all ends of what day

Ther. FRI. APRIL 22, 1887 Wea.

Ther. MON. APRIL 25, 1887 Wea.

Misc meeting. Sunday  
Lay. house land  
Lydney Smith joined  
of Prince on 26  
Rep from Athol - 20  
L. S. & c

Ther. SATURDAY 23 Wea.

Ther. TUESDAY 26 Wea.

In Office. Certificate  
Came -

Ther. SUNDAY 24 Wea.

Ther. WEDNESDAY 27 Wea.

Welford. A. S. W.  
S. S. Josephs filial  
piety evening  
Prayer meeting  
Abundant life  
in Christ  
Notes -

Ther. THURS. APRIL 28, 1887 Wea.

Ther. SUN. MAY 1, 1887 Wea.

Reached Milford. Com-  
munion. Lecture present.  
Preached evening with  
Com. 8. 28. Evening with  
25. Cost none. Spent  
Sunday night with the  
cox

Ther. FRIDAY 29 Wea.

Prep Lecture Milford

Ther. MONDAY 2 Wea.

Home at 12.30 - Started  
for Gettysburg. 6-30

Ther. SATURDAY 30 Wea.

Arbor day. Pre  
the preaching. Long Ch  
Calls. Cox, Withing  
Dr. Brown, Miss  
Walker, Study, Rob  
Lynn

Ther. TUESDAY 3 Wea.

Arrived at Gettysburg  
2. P.M. J. L. Schick  
2. Sons at home - Miss  
Frost. - said Schick, 18  
- On battlefield  
with Veterans - Grand  
J. J. Den. Leach  
Holland - ac

Ther. WED. MAY 4, 1887 Wea.

Walked with Frank  
to Lake Cemetery, Mrs  
Thom. In Shaker. Near  
where Capt Griffith died.  
White Church. Mrs  
Mittler near White Run.  
Creeks Hill. Con. Monument  
for B. Small at depot  
1/2 hour -

Ther. THURSDAY 5 Wea.

8-10 - In Phil<sup>a</sup> via  
Baltimore -  
night at Grafton

Ther. FRIDAY 6 Wea.

Phila - Church came  
away - 12.49 -  
Grafton night -

Ther. SAT. MAY 7, 1887 Wea.

In Lancaster at 11 -  
Arrived 2 P.M.  
Samuel Hartman  
428. So Success St  
David May du Kaufman  
called. Dr Mitchell. Dr  
Colter. Dr Gray M.D.

Ther. SUNDAY 8 Wea.

Sick. St Johns  
Lutheran. No pastor  
Dr. Romig Small  
congregation -  
P.M. Grace Church  
Lutheran Fresh St  
Rev. Dr. 745. M.E.Ch.  
Dukes St. Dr Gray  
Sargent

Ther. MONDAY 9 Wea.

Rode to Rohersonville  
Lancaster and  
Solomons. call Mrs  
Kaufman -  
Delaware. Millertown  
Normal School  
350 students

Ther. TUES. MAY 10, 1887 Wea.

8-10 A.M. N.Y.  
Arrived. 1.20 P.M.  
Call - J.E. Beale  
Pleasant & Beal  
Picture of Filate  
or Christ. O  
Ae. tetrahedron  
Thursday 12th  
Few of E. Orange. Linton

Ther. WEDNESDAY 11 Wea.

Fraser making a night  
at 2 o'clock 8.10 P.M.  
Orange Valley N.Y.  
Cough Camp. Yer  
In North  
Night: No Hunters

Ther. THURSDAY 12 Wea.

Call Min. July Stone  
- the  
and Mr. Henry. Argie  
(Hem) dead in Chase  
A & G. Mitchell  
G. Soren. Lewis. (Cold).  
J.P. Lallan  
Steamer Bristol  
G. P. day  
X before Filate  
Mun by a. 05

Ther. FRI. MAY 13, 1887 Wea.

Home at 8. In Office  
11 A.M. call  
Self. Latten  
Rev. B. J. J. J.  
Heard Evangelist's Mill  
at - Winchester. with  
wife & Miss W.D.  
High School. Betalton  
& Queen Kopialoni

Ther. SATURDAY 14 Wea.

In Office. Correspondence  
Call. Martha Norton  
" Stewart. Gilman

Ther. SUNDAY 15 Wea.

At Home. 11 A.M.  
Self. Evening  
A.M. The Council Wind  
at unity against  
God. Row. 8. 7.  
Self. Evening. on  
Temple on the Mt

Ther. MON. MAY 16, 1887 Wea.

Miss Mahony

Ther. THURS. MAY 19, 1887 Wea.

Lawyer meeting

Mr. Larchell  
dined with us  
at 11 M.

Ther. TUESDAY 17 Wea.

In Office

Ther. FRIDAY 20 Wea.

In Office

Ther. WEDNESDAY 18 Wea.

Home called  
at home w/ mother

Ther. SATURDAY 21 Wea.

sd

Ther. SUN. MAY 22, 1887

Wea.

Rev. E. C. Hord  
Am.

I preached at  
Albany P.M.

Ther. WED. MAY 25, 1887

Wea.

Mrs. H. W. Whitney  
with <sup>called</sup> Gable  
Mrs. Parolozza Cal  
J. L. Abbott.

Ther. MONDAY 23

Wea.

Annual meeting  
B. L. Russell  
Spent night

Ther. THURSDAY 26

Wea.

Ther. TUESDAY 24

Wea.

Ther. FRIDAY 27

Wea.

Helen Howe Mother  
& Rowan went  
to Haverlyton

Ther. SAT. MAY 28, 1887 Wea.

Ther. TUES. MAY 31, 1887 Wea.

On the Cliffs at  
Nahant at 4.15 PM

Ther. SUNDAY 29 Wea.

Ther. WEDNESDAY, JUNE 1 Wea.

At Rockland Mass.  
Union meeting Evening  
20th

Ther. MONDAY 30 Wea.

Ther. THURSDAY 2 Wea.

At Nahant Evening  
25th - Journal

At Prayer meetings as  
usual

Ther. FRI. JUNE 3, 1887

Wea.

Ther. SATURDAY 4

Wea.

Advocate Roof

Ther. SUNDAY 5

Wea.

Reached 3. L. de,  
at ~~Montreal~~  
~~May 5 last~~ ~~was~~  
Malden - 13 #

Ben & wife - Mr Talbot  
& wife - Carl Loken  
de present

Ther. MON. JUNE 6, 1887

Wea.

Read paper at  
minutes meeting  
4 had for sign  
Took Shower to  
Portland with Fred  
& Ella

Ther. TUESDAY 7

Wea.

At Cumberland St  
Conference - 20  
minutes address  
all acquaintances  
of Portland

Ther. WEDNESDAY 8

Wea.

Aganham Co Camp  
Hampton Falls  
Spoke 1 hour  
Communion  
at Page Meeting  
Bapt & Cong No. 6  
Normal Building

Ther. THURS. JUNE 9, 1887 Wea.

In Pap Quarter  
meeting at  
2. New Shore  
dined at Josie  
Gross' wife  
with me

House going N.B.Y.C.

1.50 Ther.

FRIDAY 10

Wea.

At Stony May  
4 hibern. night  
with Rev. Mr. Pratt

My  
father & Dan's  
died. Rents out  
from meadows ~~at~~ time

Ther.

SATURDAY 11

Wea.

Rode to W. Frampton  
& Mr. H. Filcault's

House \$100 - Call  
on Mr. Zado &  
Dan's

See Mr. Merrill

Ther. SUN. JUNE 12, 1887 Wea.

At Bacca Curati  
by Rev. An Keller  
Saged - 1-30 - at  
Sto Ch. 7-30 music  
Full - full \$19.69

Hall \$8.00

Ther.

MONDAY 13

Wea.

Must Eustace  
fishing - 30 miles  
from Frampton  
H. Gans + B. Hancock  
went with me 350  
went in camp  
at night 2 miles  
from road at  
Machet Jerusalem

Ther.

TUESDAY 14

Wea.

all day on the  
Corabasset.  
In camp at  
night

Ther. WED. JUNE 15, 1887 Wea.

Home at 4 P.M.  
~~Sed Hazard meeting~~  
~~Boys & Girls Abroad~~  
~~Wedding W.S.D.~~

Ther. THURSDAY 16 Wea.

Spa at Mrs. Myra  
Thompson - normal  
graduation at  
Evening, class  
of 40. Miss Johnston  
on a day at Venice  
Horse

Ther. FRIDAY 17 Wea.

At Hampton -  
Cass. Hewitts. Cutler-  
Davis. F. (send)  
Mack Hopkins  
Ronell D. Hitchch  
died =

Ther. SAT. JUNE 18, 1887 Wea.

Dined with Laura  
Muthig - rode to  
Dea Packards. View  
Call at Hotel on  
Mr N.H. Leach & Mrs  
& Mr daughter  
Mr Lucian Kennedy  
& Mrs Annie Leach & Mrs  
Mrs Nellie Francis

Ther. SUNDAY 19 Wea.

Lease Ch. Skowlegan  
Union meeting Roll,  
16<sup>th</sup> - 7-28 of 12  
Coburn House. A. A. Box  
by - Sadler, Redcliff-  
Hanson, Little, Frost  
& Post =  
Henry A. Wingate died at  
Hurler m.r. =

Ther. MONDAY 20 Wea.

Home at 5-30 P.M.  
Nated - 8-20

Ther. TUES. JUNE 21, 1887 Wea.

In Office  
Call. Mrs. Whipple &  
Lena Lattin -

Helen & children  
5-30 P.M. no trunk!  
Pruter came from  
Loring

Ther. WEDNESDAY 22 Wea.

Genl Asson Brockton -  
Heard Cort Jones Palmer  
Brookhead, Seymour  
(fainted), Pleasant Hunter  
D. B. Carr

Ther. THURSDAY 23 Wea.

Mass Genl Asson  
Hotel Belvidere  
S. P. Howard \$2.50  
called on Erna  
Howard (sick)  
Sage meeting at  
home

Ther. FRI. JUNE 24, 1887 Wea.

In Office. correspond-  
ence

Ther. SATURDAY 25 Wea.

Home P.O. New  
to Bedford 5-36-

Ther. SUNDAY 26 Wea.

Supply M. S. Church  
W. Bedford.  
Caryl Ch. Bedford Mass  
Richard W. M. I stopped  
with Abram E. Burn  
Bedford - Preached for  
Lep. Unitarian at  
Legislative - Heard Bible  
Class

Ther. MON. JUNE 27, 1887 Wea.

Home & Breakfast  
Topt's Sells  
Miss meeting  
Summer Meetings

Ther. TUESDAY 28 Wea.

In Office at  
work on certificate  
Jesse Craig of Island  
Tells me. Good.

Ther. WEDNESDAY 29 Wea.

Called on Bro  
Dunham at  
Methodist  
Said Richard 25-7  
settled Rub

Ther. THURS. JUNE 30, 1887 Wea.

In Office

Ther. FRIDAY, JULY 1 Wea.

Received Salary	208.33	
Bal		45-
		<u>208.78</u>
Paid bills B.	30.00	208.78
Self	33.33	113.33
A.P.S.	50.00	<u>94.45</u>
	113.33	
Mailed Angels	22.50	
Paid L.B.O.	22.50	<u>11.95</u>
		77

Ther. SATURDAY 2 Wea.

Mr R. Cowgill on 25-7  
A.P.S. set 25-7  
1067 Rev. H. Halsey " "

Ther. SUN. JULY 3, 1887 Wea.

Angel Church  
Midford Mass  
10-30  
11-45 Communion  
12-20 P. S. Class  
3-30 W. M. G. B.  
Mrs Charles Haysford moved  
6 - In meeting  
Dea D. G. Conant

Ther. MONDAY 4 Wea.

In Office 45 minutes  
By Steamer to Gloucester  
& back to Beachport  
Mrs. B. B. B. B. B.  
Lamson. Mrs. Bailey  
Floor - Rev. Mansfield

Ther. TUESDAY 5 Wea.

Worse 280 -  
Mrs. B. B. B. B. B.  
Clark, Williams, Mrs.  
Nelson, Lang  
Beach. Mills

Ther. WED. JULY 6, 1887 Wea.

Mrs. B. B. B. B. B.  
Mrs. E. G. G. G.  
Mrs. Phipple  
Fresh Lobster, Lettuce  
Home at 12-30 -  
Alice Bolton called

Ther. THURSDAY 7 Wea.

Small Paper meeting  
at W. Medford

Ther. FRIDAY 8 Wea.

In Office - Adv.  
for copy sent  
to printer.

Ther.

SAT. JULY 9, 1887

Wea.

Left Boston at  
3 P.M. High Sea  
with Rev. Semman  
at E. Long. Mrs. Fidgeon  
Luz Long - called on  
Mrs Hamilton?

Ther.

SUNDAY 10

Wea.

Derry N.H.  
Rev. H. F. Linton  
At Pilgrim Hall kept by  
Mrs. Chapman of  
yeon in Portland.  
John Bingham wife of  
B. of Acad. Miss Webb -  
Rev. Mess. Parsons & Adams  
Dear J. Holson etc

Ther.

MONDAY 11

Wea.

In Office at 7-45  
Rain

Ther.

TUES. JULY 12, 1887

Wea.

In Office -  
Drove to Malden to call  
on Julia Mas. 1.55 for  
horse

Ther.

WEDNESDAY 13

Wea.

Then 9:00 in. Shatt  
In Office

Ther.

THURSDAY 14

Wea.

Ther.

FRI. JULY 15, 1887

Wea.

Miss Julia K. K. K.  
here -

Ther.

MON. JULY 18, 1887

Wea.

m Office

Ther.

SATURDAY 16

Wea.

Called on Mr. H.  
Hulshusen  
E. Somerville  
& went to Wakefield

Ther.

TUESDAY 19

Wea.

A. Thompson. Prof.  
Henry D. Burwood  
W. Fairbairn  
D. & C. C. C. C. C.

Ther.

SUNDAY 17

Wea.

Wakefield mass

Ther.

WEDNESDAY 20

Wea.

Ther. THURS. JULY 21, 1887 Wea.

St Paul. Minn  
Ther. SUN. JULY 24, 1887 Wea.

At Home, Heard  
Rev M Dickerson of  
discuss on Rome  
8. 28.

Ther. FRIDAY 22 Wea.

To Salem and  
Neblehead, the  
green slopes of  
the old fort

Ther. MONDAY 25 Wea.

Ther. SATURDAY 23 Wea.

Sue went to G  
with children  
In Office

Ther. TUESDAY 26 Wea.

Tuesday Pic Nic at  
Wakefield, Mrs  
Turkess library  
one a brace  
Left Office at 10:30

Ther. WED. JULY 27, 1887 Wea.

Ther. SAT. JULY 30, 1887 Wea.

Ther. THURSDAY 28 Wea.

Ther. SUNDAY 31 Wea.

At No Weymouth  
Mass. Rev. A. H. Johnson  
Pastor. Coll 9-7  
Hill New Villages  
& inlets

Ther. FRIDAY 29 Wea.

Ther. MONDAY, AUG. 1 Wea.

Aug 14 + R. next to  
Farmington

In Office → ↘

Ther. TUES. AUG. 2, 1887 Wea.

Called at H. C. D.,  
with Percy C. Bolt -  
Word of Erasmus  
Lee former by an  
Official of the Church  
Principal of H. School  
in Lincolnville, Ill  
during my pastorate  
went to Soldiers Home

Ther. WEDNESDAY 3 Wea.

*[Faint, mostly illegible handwriting]*

Ther. THURSDAY 4 Wea.

At Prayer Meeting  
W. Medford  
& Capt. H.

Ther. FRI. AUG. 5, 1887 Wea.

Mr. H. R. R. returned  
from Springfield

Ther. SATURDAY 6 Wea.

*[Faint, mostly illegible handwriting]*

Ther. SUNDAY 7 Wea.

Lincoln Mass  
with one of our officers  
F. P. Gilman Rev. L. H.  
Richardson pastor  
Libony Lake. Bill  
- given \$3,60

Ther. MON. AUG. 8, 1887 Wea.

Mrs. Colver  
came P.M.

Ther. THURS. AUG. 11, 1887 Wea.

In Office -  
Lent M. certificate

Mrs Morill & 7  
Children came

Ther. TUESDAY 9 Wea.

Ride & Lew at  
Crescent Beach  
A. Cotton W. R.  
\$8.00

Ther. FRIDAY 12 Wea.

~~Went to see  
Cove at 7 P.M.~~

Ther. WEDNESDAY 10 Wea.

A. H. Hardy funeral  
at All South  
Miss C. left for  
N. Haven

Ther. SATURDAY 13 Wea.

Mrs P came

Ther. SUN. AUG. 14, 1887 Wea.

Brighton Mass  
with Dea Noyes  
attended S. S. O'Brien  
Lupt

Ther. MONDAY 15 Wea.

Nantasket - Fenwa-  
len road - Steamer

Ther. TUESDAY 16 Wea.

In office

Ther. WED. AUG. 17, 1887 Wea.

Went to Weymouth  
At Mr. Caudon's  
Call for Brown - Page  
meeting

Mr. Merrill returned  
home

Ther. THURSDAY 18 Wea.

At home meeting -  
Spoke twice - Raining  
The supernatural  
night at Geo Greenman  
Shelburne Son - in-  
law

Ther. FRIDAY 19 Wea.

At home meeting -  
Spoke once - night  
at Mr. Greenman's  
Mrs. Greenman's  
family then Geo  
Greenman  
in meeting

Ther. SAT. AUG. 20, 1887 Wea.

Preached 7<sup>th</sup> day  
Bap - Mysia

Went to Mrs Beulans  
to tea & rest of  
day  
Miss Peterson  
went home

Ther. SUNDAY 21 Wea.

10-30 / Congl Ch.  
7-30 / Congl Ch.

Ther. MONDAY 22 Wea.

Home at 1-40  
P.M.

Ther. TUES. AUG. 23, 1887 Wea.

Funeral of Tommy  
W. Dade at Rockford  
Call

McCross  
Whipple  
Sawby Bay Home  
Barners  
outlets

Elizabeth Underhill

233-277 St.

n u e j

WEDNESDAY 24 Wea.

- Angel  
t.  
from

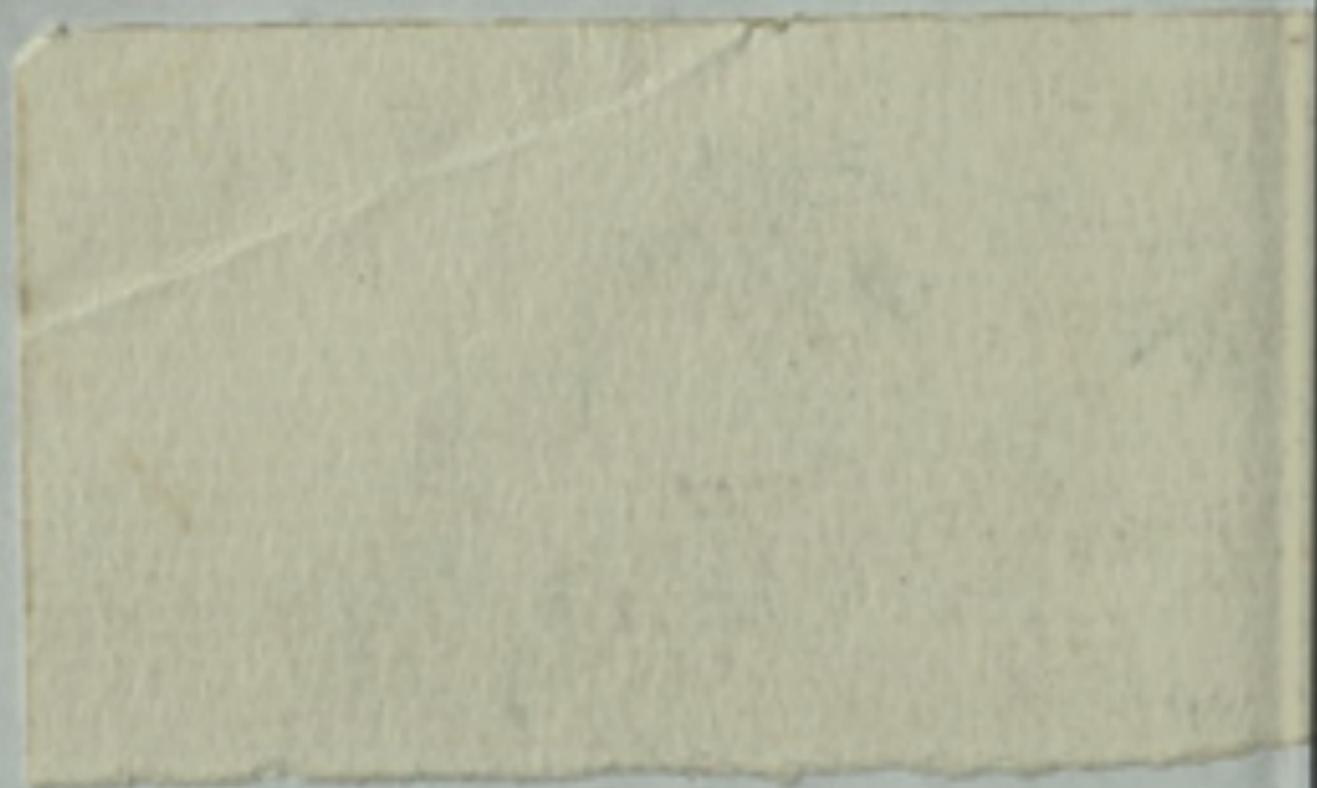
THURSDAY 25 Wea.

Harriet started  
Bayer meeting at  
W. Medford with  
with wife  
Call on Mrs. Sobey

Elizabeth Underhill

233. E. 27<sup>th</sup> St

NY City



Ther. SAT. AUG. 20, 1887 Wea.

Preached 7<sup>th</sup> day  
Bap - Mission

Went to Mrs Beakins  
to tea & rest of  
day  
Miss Peterson  
went home

Ther. SUNDAY 21 Wea.

10-30 / Congl Ch.  
7-30

Ther. MONDAY 22 Wea.

Home at 1-40  
P.M.

Ther. TUES. AUG. 23, 1887 Wea.

Funeral of James  
W. Dade Val Rock  
Call

Mcross  
Whippley  
Sawle Bay Home  
(Sick) Mr Bahmans  
Mr Bortels  
Hilda left

Ther. WEDNESDAY 24 Wea.

In Office - Angel  
Completed  
Telegram from  
London

Ther. THURSDAY 25 Wea.

Advocate started  
Baza meeting at  
W. Medford + walk  
with wife  
Call on <sup>Reed</sup> Sobey

Ther. FRI. AUG. 26, 1887 Wea.

Ther. MON. AUG. 29, 1887 Wea.

Ther. SATURDAY 27 Wea.

Ther. TUESDAY 30 Wea.

Ther. SUNDAY 28 Wea.

Preach at W.  
Medford - Hear  
Bible Class. Lesson  
Sermon on Mt -  
Evening meeting -  
S.S. Lesson for  
Oct. Sept 27.

Ther. WEDNESDAY 31 Wea.

Ther. THURS. SEPT. 1, 1887 Wea.

Railroad 2 weeks  
by steamer to  
Portland.

Ther. SUN. SEPT. 4, 1887 Wea.

At home  
Communion

Ther. FRIDAY 2 Wea.

Next by steamer call  
night to be at the  
W. E. Greenway Rev.  
I had long general  
to the General on the  
night. Meeting at  
Bible Ch. Dr. Bullis  
I believe in God  
Ran in Portland

Ther. MONDAY 5 Wea.

At Marblehead  
Dr. Mrs. Mosnell & 3.  
Mrs. Susie Davis & 2  
A. B. H. & wife 2 2

Ther. SATURDAY 3 Wea.

Home at 6-15 P.M.

Mr. Allen  
Mrs. Sykes } Steen  
Augusta Lathrop } from  
Lathrop } city  
Mrs. Henderson  
" Annie Baldwin

Ther. TUESDAY 6 Wea.

Ther. WED. SEPT. 7, 1887 Wea.

Ther. SAT. SEPT. 10, 1887 Wea.

Bothnia arrived  
at 7-30. J.B. Wood  
& family.

Ther. THURSDAY 8 Wea.

Ther. SUNDAY 11 Wea.

Heard Edward  
Tudson at Pop.  
Lohmace Boston  
Mr Jones arrived  
in N.Y. in 2 hours

Ther. FRIDAY 9 Wea.

Freight to  
Richmond Ind.

Ther. MONDAY 12 Wea.

Mr Jones & J.B.  
Wood. Fish & Lobster  
at the U.S. Hotel  
to dinner  
at the Muthers  
Mr Lohmace at sea

Ther. TUES. SEPT. 13, 1887 Wea.

Went to see  
with John Harold  
and

E. S. Jones  
R. C. M. Thomas  
R. C. M. Thomas  
E. S. Jones at  
dinner

Ther. WEDNESDAY 14 Wea.

Went to Cambridge  
in W.G. & J.H.  
Sunday meeting  
3-30 P.M.  
Left at home

Ther. THURSDAY 15 Wea.

J. G. Whittier & all,  
Munroe Hill & Kay  
yd Hill  
W.G. left at N.Y.  
J. & J.H. went to  
Hog N.Y.

Ther. FRI. SEPT. 16, 1887 Wea.

Received of J. B. G. 10.00  
" " " " 3.75  
" " " " 13.75  
Paid E. E. Morse 21.00  
" " " " 4.25  
" " " " 5.00  
" " " " 47.25  
Paid 1.25

Ther. SATURDAY 17 Wea.  
Went to Cambridge to  
look at a house.

Ther. SUNDAY 18 Wea.

Preached at Shepard  
Church Cambridge  
30th

Ther. MON. SEPT. 19, 1887 Wea.

J. B. Wood &  
Miss Society  
Cooper's  
Magazine  
M. Church.

Spiritual uses  
of alcohols  
and  
herbs

Ther. TUESDAY 20 Wea.

J. B. Wood now in  
office - 2 calls -  
Prayer meeting -

Blessed are the undefiled  
in the way

Ther. WEDNESDAY 21 Wea.

In  
office  
mailed Advocate

Ther. THURS. SEPT. 22, 1887 Wea.

Heada Kendall  
New York N.Y.  
Via Salt River  
Larger Society

Ther. FRIDAY 23 Wea.

Installation of G. W. Steiner  
at Oct. I addressed  
the people

Ther. SATURDAY 24 Wea.

In Office  
mailed at J. B. Office

Ther. SUN. SEPT. 25, 1887 Wea.

Rev. E. Hood. Sermon  
Gods. fact-justice-  
Our sin -  
man's utter ruin  
in sin - the other - the  
Incarnation the Bridge  
the atonement the  
way of pardon &  
Salvation:

Ther. MONDAY 26 Wea.

Miss M. M. M.

Ther. TUESDAY 27 Wea.

Ther. WED. SEPT. 28, 1887 Wea.

Went to Holy town  
with Mrs. H. - to see  
Spex - Called on  
Mr. Kimball

Ther. THURSDAY 29 Wea.

Went to Sharon  
with L. - to see  
house

Ther. FRIDAY 30 Wea.

Ther. SAT. OCT. 1, 1887 Wea.

Ther. TUES. OCT. 4, 1887 Wea.

Peace Meeting Richmond  
Ind.  
New to Springfield  
at 11 a.m.  
Mr. Varnum Taylor  
Grand  
State Sh

Ther. SUNDAY 2 Wea.

Preached at  
Ashmoo with  
Rev. Mulbroer

Ther. WEDNESDAY 5 Wea.

At meeting

Ther. MONDAY 3 Wea.

In Opera

Ther. THURSDAY 6 Wea.

At meeting

Ther. FRI. OCT. 7, 1887 Wea.

at meeting  
till 1-15  
Rode with Mr  
J. M. Jackson  
Home 3.1.1887

Ther. MON. OCT. 10, 1887 Wea.

Miss meeting

Ther. SATURDAY 8 Wea.

Journal of Anna  
Bryant (18) at  
Rockport

Ther. TUESDAY 11 Wea.

Office

Ther. SUNDAY 9 Wea.

At W. Medford  
Riv. in Anderson  
every Bah. of  
Medford with  
mother  
at S.S.

Ther. WEDNESDAY 12 Wea.

Office

Ther. THURS. OCT. 13, 1887 Wea.

2 larger meetings  
Mr. Lobey called

Ther. SUN. OCT. 16, 1887 Wea.

at acton house -  
M. M. Chapin

Ther. FRIDAY 14 Wea.

Ther. MONDAY 17 Wea.

Birthday gloves from  
Ella

Ther. SATURDAY 15 Wea.

Ther. TUESDAY 18 Wea.

Ther. WED. OCT. 19, 1887 Wea.

Ther. SAT. OCT. 22, 1887 Wea.

Ther. THURSDAY 20 Wea.

Ther. SUNDAY 23 Wea.

*At home*

Ther. FRIDAY 21 Wea.

Ther. MONDAY 24 Wea.

*In Office*

Ther. TUES. OCT. 25, 1887 Wea.

Reached Portland  
4:50 P.M. went to  
Capt. Chas. Merrill's  
Quebec St.

Ther. FRI. OCT. 28, 1887 Wea.

Left Portland at 1 P.M.  
Got home at 7:30 -  
Called on Chas. Eaton  
" " Sarah Smith  
morning to M.  
Woodford. Lunched  
with Lizzy's

Ther. WEDNESDAY 26 Wea.

A. M. A meeting

Ther. SATURDAY 29 Wea.

Went to Philadelphia  
Went to see a Mother  
Came to Boston at 5  
Charles came here with  
them -

Ther. THURSDAY 27 Wea.

A. M. In Evening  
Rep. Agde, Senator  
Ayce

Ther. SUNDAY 30 Wea.

Heard Dr. Boardman  
L. N. at Public L  
Small property  
Gives at Germantown  
& attended Ladies  
meeting with John  
R. Wood

Ther. MON. OCT. 31, 1887 Wea.

Visited H. S. Cleveland  
at 3.30 P.M.  
with British депута-  
tion.

Arrived at Arlington  
Hotel with John B.  
Wood & Phillip C.  
Ganet at 11 A.M.

Ther. TUESDAY, NOV. 1 Wea.

Walked to Harvard  
University with  
Mrs. Jones. Started  
at 11 A.M. for  
Pittsburg - arrival  
at 8-30 P.M.  
Very nice room

Ther. WEDNESDAY 2 Wea.

Leaved Cambridge to  
north of Northfield  
& back to Braddock.  
Visited iron steel  
works. R.R. to  
26 miles. Oil  
wells ignited by  
mistaken  
Oil wells ignited

Ther. THURS. NOV. 3, 1887 Wea.

R.R. & Curran to  
Hate glass works  
Pumping Station &c  
Reception at Hotel

Ther. FRIDAY 4 Wea.

Went to Philadelphia  
met by party of friends.  
Spent in P.M.  
with Salmer and  
Eaton - St. Grand  
Union Hotel

Ther. SATURDAY 5 Wea.

In Boston at 3 P.M.  
Home at Evening  
Charles here  
He went to Bangor  
at 7 P.M.

Ther. SUN. NOV. 6, 1887 Wea.

At home and  
at Communion

Spoke of Miss  
Emmet on Seal

Ther. MONDAY 7 Wea.

In Office sending  
out Adm-letters  
for press &c

Ther. TUESDAY 8 Wea.

What went to Ham-  
ton - Misses  
at Office

Ther. WED. NOV. 9, 1887 Wea.

Charles came at 5-  
P.M.  
Mr Foster here

Ther. THURSDAY 10 Wea.

Missed 4. making  
men at 12 and  
7-30.  
Carriage came  
at 3.30  
Reception at  
Hotel Vendome  
Banquet

Ther. FRIDAY 11 Wea.

Rode to Bowyer Hill  
Lammert Hall  
&c  
Conference at  
10- A.M. at Vendome  
Evangel at home

Ther. SAT. NOV. 12, 1887 Wea.

Rode to Cambridge  
Mt. Auburn  
Brookline &c  
Visited Mechanics  
Fair a.m.  
Comages from  
12 to 5 p.m.

Ther. SUNDAY 13 Wea.

Heard Phillips  
Brooks with Chas  
Spoke at Waldwin  
night at hotel

Ther. MONDAY 14 Wea.

In Office. Deputa-  
tion left for  
Newport at 11 a.m.  
Charles went  
to Canton

Ther. TUES. NOV. 15, 1887 Wea.

In Office with  
Charles & Mrs. Foley  
Sent out 30 circulars

Ther. WEDNESDAY 16 Wea.

At work on School-  
Cart  
Howard & Richards  
& I Sunday off  
Transcript

Ther. THURSDAY 17 Wea.

In Roger meeting  
Charles went to  
Springfield

Ther. FRI. NOV. 18, 1887 Wea.

Lending off papers  
& attending com-  
pendence

Keeler & Howard at  
No. 400

Ther. SATURDAY 19 Wea.

Hoos Wood called  
Howard in Office  
 $\frac{1}{2}$  a day & more

Ther. SUNDAY 20 Wea.

At home A.M.  
At Cambridge with  
Frank Evening walked  
most of the way  
At tea at Frank Gibbons

Ther. MON. NOV. 21, 1887 Wea.

At Miss meeting  
Griffis on Japan-  
Lundstedt with Dr. C.  
Honell & D.S. Colby

Ther. TUESDAY 22 Wea.

Getting Advocate ready.  
By meeting at the  
Fairfield at Evening

Ther. WEDNESDAY 23 Wea.

Frank goes to Portland  
In Office

Ther. THURS. NOV. 24, 1887 Wea.

Thanksgiving -  
Heard E. C. Hale D.D.  
with Ella on the  
"Parliament of the  
Nosed"  
Jamie & Adelleid here

Ther. FRIDAY 25 Wea.

In Office

Ther. SATURDAY 26 Wea.

at 11:30  
man

Ther. SUN. NOV. 27, 1887 Wea.

Rev. E. C. Hood - says to  
a Bible study of 18  
at 11:30

Ther. MONDAY 28 Wea.

Men's meeting passed  
Arbitration Resolutions

Ther. TUESDAY 29 Wea.

Ministry note Lancelot  
for one  
sent out call for mak-  
ing of com. of 50. Q. A. S.  
Chairman

Ther. WED. NOV. 30, 1887 Wea.

Mr Jones came 4. P. M.  
Spoke at Bromfield  
St Church 125 out  
coll 6.39  
Thank leaders of a free  
rise of the Church -  
Very cold & boisterous evening  
S. P. Buffum & Mrs. Lusk  
in office -

Ther. THURSDAY, DEC. 1 Wea.

G. to Lynn

Ther. FRIDAY 2 Wea.

Ther. SAT. DEC. 3, 1887 Wea.

Ther. SUNDAY 4 Wea.

Ther. MONDAY 5 Wea.

Ther.

TUES. DEC. 6, 1887

Wea.

*Faint handwritten notes, possibly describing weather conditions.*

Ther.

FRI. DEC. 9, 1887

Wea.

Ther.

WEDNESDAY 7

Wea.

*Faint handwritten notes, possibly describing weather conditions.*

Ther.

SATURDAY 10

Wea.

*Faint handwritten notes, possibly describing weather conditions.*

Ther.

THURSDAY 8

Wea.

*Faint handwritten notes, possibly describing weather conditions.*

Ther.

SUNDAY 11

Wea.

*Faint handwritten notes, possibly describing weather conditions.*

Ther.

MON. DEC. 12, 1887

Wea.

Ther.

THURS. DEC. 15, 1887

Wea.

Ther.

TUESDAY 13

Wea.

Ther.

FRIDAY 16

Wea.

*On Hall River  
Steamer*

Ther.

WEDNESDAY 14

Wea.

Ther.

SATURDAY 17

Wea.

*J. N. York -  
Robt. P. Murray  
O. Hutchinson*

Ther.

SUN. DEC. 18, 1887

Wea.

Plymouth Ch. Park Gr  
L. Abbott Leger  
Friends

Grove St Ch. service

Ther.

MONDAY, 19

Wea.

Grove St Church  
sup in N.Y.

Ther.

TUESDAY 20

Wea.

Lunched with  
Grand Mrs. A  
Carnegie

Ther.

WED. DEC. 21, 1887

Wea.

Ther.

THURSDAY 22

Wea.

Ther.

FRIDAY 23

Wea.

Ther. SAT. DEC. 24, 1887 Wea.

Called on J. G. Whitten  
with Mr. R. Cramer

Ther. TUES. DEC. 27, 1887 Wea.

In Office. Mott  
& and. Louisa  
got cuts for Augd.  
said Ferrill. 3 B  
for Mark

Ther. SUNDAY 25 Wea.

Called on for  
book

Reached A.M.  
& Evening at  
M.E. Ch. W. Medford

Ther. WEDNESDAY 28 Wea.

Ther. MONDAY 26 Wea.

Called on for book

Ther. THURSDAY 29 Wea.

Ther.

FRI. DEC. 30, 1887

Wea.

Wife & I attended  
funeral of <sup>Sec</sup> James Howell at  
Arlinghwa N. H.

MEMORANDA

Ther.

SATURDAY 31

Wea.

Ther.

SATURDAY 31

Wea.

MEMORANDA

*Wm. L. G. ...*  
*...*  
*...*

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA



CASH ACCOUNT. FEBRUARY.

Date.	Received.	Received.	Paid.
-------	-----------	-----------	-------

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Received.	Paid.
-------	-----------	-----------	-------

















## CASH ACCOUNT. NOVEMBER.

Date.	Received.	Received.	Paid.
-------	-----------	-----------	-------

## CASH ACCOUNT. NOVEMBER.

Date.	Received.	Received.	Paid.
-------	-----------	-----------	-------

CASH ACCOUNT. DECEMBER.

Date.	Amount.	Received.	Paid.

CASH ACCOUNT. DECEMBER.

Date.	Amount.	Received.	Paid.
			121
			122
			123
			124
			125
			126
			127
			128
			129
			130
			131
			132
			133
			134
			135
			136
			137
			138
			139
			140
			141
			142
			143
			144
			145
			146
			147
			148
			149
			150
			151
			152
			153
			154
			155
			156
			157
			158
			159
			160
			161
			162
			163
			164
			165
			166
			167
			168
			169
			170
			171
			172
			173
			174
			175
			176
			177
			178
			179
			180
			181
			182
			183
			184
			185
			186
			187
			188
			189
			190
			191
			192
			193
			194
			195
			196
			197
			198
			199
			200



BILLS PAYABLE FEBRUARY.

BILLS PAYABLE MARCH.

Date. NAME. Dollars. Cts.

Date. NAME. Dollars. Cts.

- JAN.
- FEB.
- MAR.
- APR.
- MAY.
- JUN.
- JUL.
- AUG.
- SEP.
- OCT.
- NOV.
- DEC.

RECEIVABLE.

RECEIVABLE.







BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls. Cts.
-------	-------	-------------

RECEIVABLE.

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls. Cts.
-------	-------	-------------

RECEIVABLE.

29  
33

## BILLS PAYABLE. DECEMBER.

Date. NAME. Dolls. Cts.

RECEIVABLE.

## MEMORANDA.

Date. Dolls. Cts.

Date.	NAME.	Dolls.	Cts.
Feb. 19.	R.R. to Chile	7	25
	Hack, Berlin		35
	" Wly.		50
	Lunches (2)		50
	Horse Cars Phila		24
20	" "		24
21	Lunch		30
"	Horse Cars		24
22	Lunches (2)		90
"	Horse Cars		24
"	Stamps		35
"	Paper		15
"	Fruit		20
22	Telegram		25
23	Horse Cars		24
"	R.R.	1	00
"	Hack	1	00
24	Stamps		25
"	Paper & Envel		45
"	Lunch		30
"	Horse cars		12
25	" "		36
"	R.R.		15
"	Paint		40
"	Picture		25
"	Dinner		45
26	Lunch		25

## MEMORANDA.

Date.		Dolls.	Cts.
Feb.			
25	H. Cars	12	
28	Telegram	25	
"	Dinner	25	
"	R.R.	7	50
"	H. Cars	22	
"	H.	40	
"	Supper	10	
May			
2	Supper	70	
3	R.R. to Harnsburg	25	90
"	" " Gettysburg	3	20
"	Telegram	25	
4	Relics	1	00
3	Breakfast Phila	70	
5	R.R.	8	00
"	Dinner Baltimore	50	
"	H. Cars	20	
"	R.R. Gt. W.	50	
6	Supper	25	
"	H. d. k. c. h. - f	25	
"	collar	20	
"	Glasses	1	00
"	Trunk	5	00
"	" New York	2	50
"	Dinner	10	
"	H. Cars	60	
"	R.R. Lancaster	2	00
		32	80

## ADDRESSES.

NAME.	STREET, No.	CITY.
Rev. Nicodemus	Robertsstown	Pa.
L. S. Kauffman	143 E. 3rd St.	Lancaster Pa.
Rev. J. R. S. Grog		
Henry Baumgardner	Hwy - Baumgardner	
Mr. Fowler	Fowler & Millman	
R. D. Hartman		
Jacob Hollinger	Orderly -	
Martina Grog	Lancaster	
Rev. Thos. G. Apple		
Mrs. J. M. Apple		

## ADDRESSES.

NAME *A. V. Stewart*  
 STREET, No. *82 Beulah*  
 CITY. *Boston*  
 NAME *Beecham Small*  
 STREET, No. *94 Beulah*  
 CITY.  
 NAME *Mrs Lucie Crocker*  
 STREET, No. *Carlton, W. D.*  
 CITY. *Plymouth Mass*  
 NAME *J. C. Baird*  
 STREET, No. *15-2 Franklin St*  
 CITY. *140 92 Beulah*  
 NAME *Mrs. Fred. Smith*  
 STREET, No. *Near High St.*  
 CITY. *Newden*  
 NAME *Louis J. Behanel*  
 STREET, No. *14 Rue Borghese*  
 CITY. *Newly (Seine) France*  
 NAME *Anna E. Hartman*  
 STREET, No. *428, No Duane St*  
 CITY.  
 NAME *David Hartman*  
 STREET, No.  
 CITY.  
 NAME *Sally Scheatrompf*  
 STREET, No. *one in house*  
 CITY. *Hoboken, N. J.*  
 NAME *Mrs Maria Hartman*  
 STREET, No.  
 CITY.

## ADDRESSES.

NAME *Mr Henry Schenk*  
 STREET, No. *Solungra*  
 CITY.  
 NAME *A. B. Kreider*  
 STREET, No. *Solungra*  
 CITY. *Dept S. S.*  
 NAME  
 STREET, No.  
 CITY. *Bishop*  
 NAME *Charles B. Baker*  
 STREET, No. *Solungra*  
 CITY.  
 NAME *Peter Lora*  
 STREET, No.  
 CITY.  
 NAME *Abraham Sumey*  
 STREET, No. *Mareta*  
 CITY.  
 NAME *La*  
 STREET, No. *Kings name*  
 CITY. *of door*  
 NAME *Alfred*  
 STREET, No.  
 CITY.  
 NAME  
 STREET, No.  
 CITY.  
 NAME  
 STREET, No.  
 CITY.

## ADDRESSES.

---

NAME  
STREET, No.  
CITY.

## ADDRESSES.

---

NAME  
STREET, No.  
CITY.

## ADDRESSES.

NAME

STREET, No.

CITY.

## ADDRESSES.

NAME

STREET, No.

CITY.

ADDRESSES.

NAME  
 STREET, No.  
 CITY.  
 NAME  
 STREET, No.  
 CITY.

- Maine Trip -  
 June 6-21-  
 Steamer 2.00  
 Ella - .50  
 Supper .50  
 Breakfast .40  
 Horse J. L. 1.50  
 " N. Skow 1.50  
 " Lu - 1.00  
 " " do 1.00  
 " " do 1.50  
 Frances Trip 1.50  
 Hat .25  
 Umbrella 2.00  
 Coat 3.50  
 Butter 2.00  
 meat .36  
 Corals - .28  
 Mrs H. 14.60  
 " " 12.60  
 " " 8.00  
 Hall 5.00  
 Mrs H. 1.70 P. to H.  
 Ella (car) 3.00  
 Horse thru

Aug 7. Lunch .10  
 " " Oranges .10  
 " 10 R.R. to N.Y. 4.54  
 " " Steamer 4.00  
 " " meals 1.00  
 " 9 " .50  
 Port fund 3.284

Baggage .20  
 14 cans & .50  
 Picture ticket .50  
 Collars & cuffs .45  
 Hd ch f .25  
 Brush .25  
 x. shirt 1.00

Eye-glass 76.23  


---

 76.23  
 Stocking & Hd. 5.00  


---

 76.73

" " "  
 Printed Cities Recon-  
 ered = \$3,500 page  
 Dr L. S. de Hoss  
 Bradley Head  
 66 no 4 Phila

Frank - Sep. 35-  
 R.R. 12.71  
 " " 1.60  
 Breakfast .30  
 R.R. Phila 4.02  
 Lunch Balt. .25-  
 L.M. to R.R. .30  
 Ft. cars .20  
 R.R. N.Y. 2.50  
 Cash 5.00  


---

 27.13

