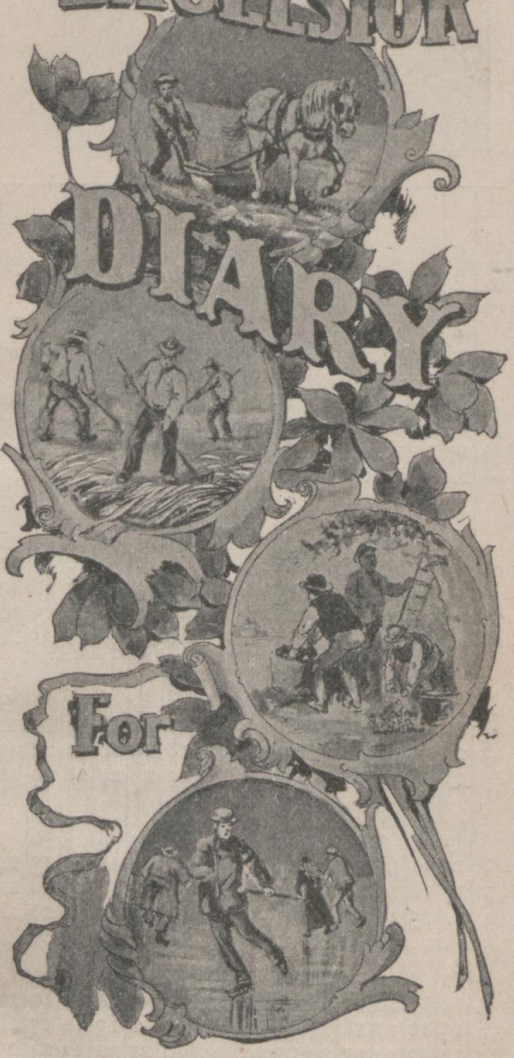
Engelhardt Diary

Primitive man
in Ohio
By W. K. Moorhead
G. P. Putnam's Sons
$3.00

EXCELSIOR DIARY

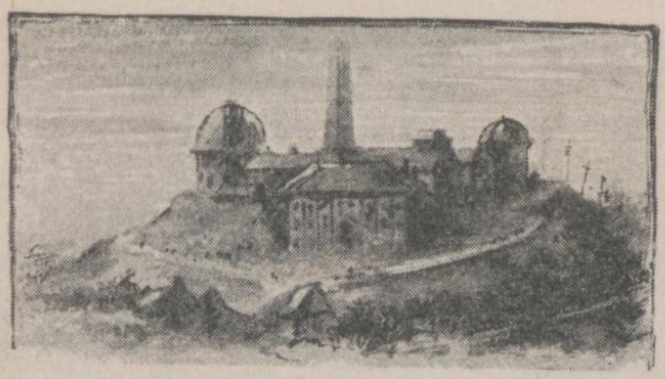


For

1892

1892.	SUNDAY.	MONDAY.	TUESDAY.	WEDNESDAY	THURSDAY.	FRIDAY.	SATURDAY.
JAN'Y.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
FEB'Y.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	..	..	..	..	..
MARCH.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
APRIL.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	..	..	..	..	..	..	..
MAY.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
JUNE.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..

1892.	SUNDAY.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
JULY.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
AUGUST.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
SEPT'R.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
OCT'R.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
NOV'R.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
DEC'R.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31



ECLIPSES, 1892.

There will be four Eclipses this year, two of the Sun and two of the Moon, as follows:

I. A Total Eclipse of the Sun, April 26, invisible in North America.

II. A Partial Eclipse of the Moon, May 11, visible throughout the U. S. east of Cincinnati; the Moon rising with the eclipse upon it; size, 11.51 digits, ending at 7.41 eve. at New-York City, and at 7.29 at Washington.

III. A Partial Eclipse of the Sun, Oct. 20, visible throughout North America except in Western California and Mexico; size, 11.9 digits. At New-York City the eclipse begins at 0.12 eve. and ends at 3.08 eve. At Washington it begins at 11.57 morn. and ends at 2.55 eve.

IV. A Total Eclipse of the Moon, Nov. 4, visible in the northwestern portion of North America.

MORNING STARS.

MERCURY, until March 6, and from April 19 to June 20, Aug. 25 to Oct. 7, and after Dec. 11. VENUS, after July 9. MARS, until March 29. JUPITER, after July 15. SATURN, after Sept. 25. URANUS, until Jan. 26, and NEPTUNE, until Sept. 3.

EVENING STARS.

MERCURY, from March 6 to April 19, June 20 to Aug. 25, and from Oct. 7 to Dec. 11. VENUS, until July 9. MARS, after March 29. JUPITER, until July 15. SATURN, until Sept. 25. URANUS, after Jan. 26, and NEPTUNE, after Sept. 3.

MOVABLE FEASTS.

Septuagesima Sunday	Feb. 14	Easter Sunday	Apr. 17
Sexagesima "	" 21	Low "	" 24
Quinquagesima "	" 28	Rogation "	May 22
Ash-Wednesday "	Mar. 2	Ascension Day	" 26
Quadragesima Sunday	" 6	Whit-Sunday (Pentecost)	June 5
Mid-Lent Sunday	" 27	Trinity Sunday	" 12
Palm Sunday	Apr. 10	Corpus Christi	" 16
Good Friday	" 15	Advent Sunday	Nov. 27

CHRONOLOGICAL CYCLES.

Dominical Letters	CB	Roman Indiction	5
Epact	1	Julian Period	6605
Golden No. (Lunar Cycle)	12	Dionysian Period	221
Solar Cycle	25	Jewish Lunar Cycle	9

HEAVY-FACE Figures in the Almanac pages indicate time from **6** P. M. to **6** A. M.

JANUARY 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	6 D.	8 H. 12 M. ev.	7 H. 12 M. ev.
Full Moon.....	13 D.	10 H. 27 M. ev.	9 H. 27 M. ev.
Last Quarter....	21 D.	10 H. 42 M. ev.	9 H. 42 M. ev.
New Moon.....	29 D.	11 H. 38 M. mo.	10 H. 38 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
7 25	4 43	6 21	9 43	1	Fri.	7 30	4 38	6 15	morn.
7 25	4 44	7 34	10 29	2	Sat.	7 30	4 39	7 30	45
7 25	4 45	8 48	11 15	3	S.	7 30	4 40	8 44	1 33
7 25	4 46	10 3	morn.	4	Mo.	7 30	4 41	10 1	2 22
7 25	4 47	11 15	7	5	Tu.	7 30	4 42	11 14	3 11
7 25	4 48	morn.	59	6	We.	7 29	4 43	morn.	4 1
7 25	4 49	24	1 51	7	Th.	7 29	4 44	25	4 54
7 24	4 50	1 35	2 49	8	Fri.	7 29	4 45	1 38	5 52
7 24	4 51	2 47	3 48	9	Sat.	7 29	4 46	2 51	6 52
7 24	4 52	3 59	4 51	10	S.	7 29	4 47	4 4	7 56
7 24	4 53	5 9	5 54	11	Mo.	7 29	4 48	5 15	8 57
7 23	4 54	6 15	6 52	12	Tu.	7 28	4 50	6 21	9 55
7 23	4 55	rises.	7 46	13	We.	7 28	4 51	rises.	10 50
7 23	4 56	5 28	8 35	14	Th.	7 28	4 52	5 22	11 37
7 22	4 57	6 33	9 18	15	Fri.	7 27	4 53	6 29	ev. 20
7 22	4 59	7 37	10 2	16	Sat.	7 27	4 54	7 34	1 4
7 21	5 0	8 37	10 39	17	S.	7 26	4 55	8 35	1 46
7 21	5 1	9 37	11 17	18	Mo.	7 26	4 56	9 36	2 24
7 21	5 2	10 36	11 57	19	Tu.	7 25	4 58	10 36	3 1
7 20	5 3	11 34	ev. 37	20	We.	7 24	4 59	11 36	3 40
7 19	5 4	morn.	1 21	21	Th.	7 24	5 0	morn.	4 23
7 18	5 5	33	2 7	22	Fri.	7 23	5 1	35	5 10
7 17	5 7	1 35	2 56	23	Sat.	7 22	5 3	1 38	5 59
7 17	5 8	2 38	3 55	24	S.	7 22	5 4	2 42	6 59
7 16	5 9	3 44	4 51	25	Mo.	7 21	5 5	3 49	7 57
7 16	5 10	4 49	5 54	26	Tu.	7 20	5 6	4 55	8 57
7 15	5 11	5 49	6 52	27	We.	7 19	5 8	5 56	9 55
7 14	5 13	6 48	7 48	28	Th.	7 18	5 9	6 54	10 52
7 13	5 14	sets.	8 36	29	Fri.	7 17	5 10	sets.	11 41
7 12	5 15	7 13	9 26	30	Sat.	7 16	5 12	7 17	morn.
7 12	5 16	8 14	10 11	31	S.	7 15	5 13	8 17	28

FEBRUARY 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	5 D.	**4** H. **39** M. mo.	**3** H. **39** M. mo.
Full Moon.....	12 D.	2 H. 38 M. ev.	1 H. 38 M. ev.
Last Quarter....	20 D.	**7** H. **15** M. ev.	**6** H. **15** M. ev.
New Moon.....	27 D.	**10** H. **47** M. ev.	**9** H. **47** M. ev.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
7 11	5 18	**9 2**	**10 54**	1	Mo.	7 14	5 14	**9 1**	**1 14**
7 10	5 19	**10 14**	**11 41**	2	Tu.	7 13	5 15	**10 15**	**2 1**
7 9	5 20	**11 26**	morn.	3	We.	7 12	5 16	**11 28**	**2 46**
7 7	5 21	morn.	**30**	4	Th.	7 11	5 18	morn.	**3 33**
7 6	5 22	**38**	**1 24**	5	Fri.	7 10	5 19	**41**	**4 26**
7 5	5 23	**1 50**	**2 25**	6	Sat.	7 9	5 21	**1 55**	**5 28**
7 4	5 25	**3 1**	**3 29**	7	**S.**	7 8	5 22	**3 7**	6 32
7 3	5 26	**4 6**	**4 36**	8	Mo.	7 6	5 23	**4 13**	7 40
7 2	5 27	**5 5**	**5 41**	9	Tu.	7 5	5 24	**5 12**	8 45
7 1	5 28	6 0	6 39	10	We.	7 4	5 25	6 6	9 42
7 0	5 30	6 44	7 30	11	Th.	7 2	5 26	6 49	10 35
6 58	5 31	rises.	8 9	12	Fri.	7 1	5 28	rises.	11 17
6 57	5 32	**6 26**	8 52	13	Sat.	7 0	5 29	**6 23**	11 54
6 56	5 34	**7 26**	9 30	14	**S.**	6 59	5 30	**7 24**	ev. 32
6 55	5 35	**8 26**	10 7	15	Mo.	6 57	5 32	**8 25**	1 9
6 53	5 36	**9 24**	10 38	16	Tu.	6 56	5 33	**9 25**	1 45
6 52	5 37	**10 23**	11 13	17	We.	6 54	5 35	**10 25**	2 20
6 51	5 39	**11 22**	11 53	18	Th.	6 53	5 36	**11 25**	2 57
6 49	5 40	morn.	ev. 35	19	Fri.	6 52	5 38	morn.	3 38
6 48	5 41	**25**	1 23	20	Sat.	6 50	5 39	**29**	4 25
6 46	5 43	**1 29**	2 17	21	**S.**	6 48	5 40	**1 36**	5 20
6 45	5 44	**2 31**	3 20	22	Mo.	6 47	5 42	**2 37**	**6 23**
6 44	5 45	**3 32**	4 25	23	Tu.	6 45	5 43	**3 40**	**7 29**
6 42	5 46	**4 31**	5 32	24	We.	6 44	5 45	**4 38**	**8 36**
6 41	5 48	**5 24**	**6 34**	25	Th.	6 42	5 46	**5 30**	**9 37**
6 39	5 49	6 8	**7 28**	26	Fri.	6 41	5 47	6 12	**10 33**
6 38	5 50	6 43	**8 13**	27	Sat.	6 39	5 49	6 47	**11 20**
6 37	5 51	sets.	**9 3**	28	**S.**	6 38	5 50	sets.	morn.
6 36	5 52	**7 55**	**9 47**	29	Mo.	6 37	5 51	**7 55**	**5**

MARCH 1892

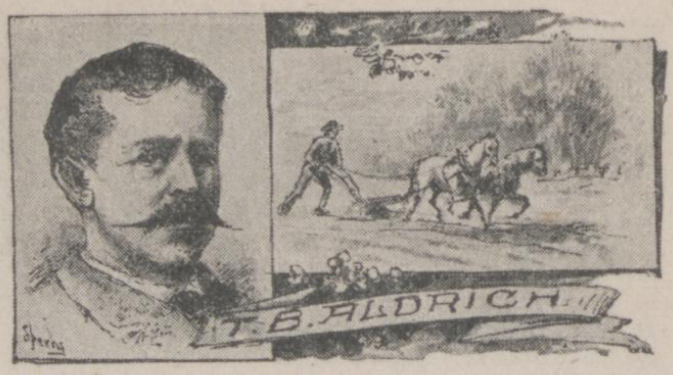
MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	5 D.	2 H. 14 M. ev.	1 H. 14 M. ev.
Full Moon.....	13 D.	7 H. 55 M. mo.	6 H. 55 M. mo.
Last Quarter....	21 D.	0 H. 16 M. ev.	11 H. 16 M. mo.
New Moon.....	28 D.	8 H. 18 M. mo.	7 H. 18 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H. W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
6 35	5 53	9 10	10 30	1	Tu.	6 36	5 51	9 12	49
6 34	5 53	10 25	11 14	2	We.	6 35	5 52	10 28	1 34
6 32	5 54	11 40	morn.	3	Th.	6 33	5 53	11 44	2 21
6 30	5 55	morn.	7	4	Fri.	6 31	5 54	morn.	3 11
6 29	5 56	53	1 5	5	Sat.	6 30	5 55	58	4 7
6 27	5 57	2 2	2 8	6	S.	6 28	5 56	2 8	5 11
6 25	5 58	3 3	3 18	7	Mo.	6 26	5 57	3 9	6 21
6 24	5 59	3 57	4 23	8	Tu.	6 25	5 58	4 3	7 27
6 22	6 0	4 42	5 27	9	We.	6 23	5 59	4 48	8 31
6 20	6 1	5 21	6 21	10	Th.	6 21	6 0	5 26	9 24
6 19	6 2	5 51	7 7	11	Fri.	6 20	6 2	5 54	10 10
6 17	6 3	rises.	7 48	12	Sat.	6 18	6 3	rises.	10 52
6 16	6 4	6 17	8 19	13	S.	6 16	6 4	6 16	11 26
6 14	6 5	7 15	8 56	14	Mo.	6 14	6 5	7 15	11 58
6 12	6 6	8 14	9 31	15	Tu.	6 13	6 6	8 16	ev. 31
6 11	6 8	9 14	10 5	16	We.	6 11	6 7	9 17	1 7
6 9	6 9	10 15	10 37	17	Th.	6 9	6 9	10 18	1 44
6 7	6 10	11 18	11 15	18	Fri.	6 7	6 10	11 23	2 22
6 6	6 11	morn.	ev. 1	19	Sat.	6 6	6 11	morn.	3 5
6 4	6 12	20	51	20	S.	6 4	6 12	26	3 53
6 2	6 13	1 22	1 50	21	Mo.	6 2	6 13	1 28	4 53
6 1	6 14	2 20	2 54	22	Tu.	6 0	6 14	2 27	5 57
5 59	6 15	3 12	4 3	23	We.	5 59	6 15	3 19	7 7
5 58	6 16	3 59	5 10	24	Th.	5 57	6 16	4 4	8 14
5 56	6 17	4 38	6 11	25	Fri.	5 55	6 17	4 43	9 14
5 54	6 18	5 9	7 4	26	Sat.	5 53	6 18	5 12	10 7
5 52	6 19	5 39	7 48	27	S.	5 52	6 19	5 40	10 55
5 51	6 20	sets.	8 34	28	Mo.	5 50	6 20	sets.	11 39
5 49	6 21	8 0	9 19	29	Tu.	5 48	6 21	8 2	morn.
5 47	6 22	9 18	10 8	30	We.	5 46	6 22	9 22	21
5 45	6 23	10 35	10 53	31	Th.	5 44	6 23	10 39	1 10

APRIL 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	4 D.	1 H. 21 M. mo.	0 H. 21 M. mo.
Full Moon.....	12 D.	1 H. 26 M. mo.	0 H. 26 M. mo.
Last Quarter....	20 D.	1 H. 0 M. mo.	12 H. 0 M. ev.
New Moon.....	26 D.	4 H. 46 M. ev.	3 H. 46 M. ev.

New-York City, Phil., Conn., New Jersey Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
5 44	6 24	11 49	11 48	1	Fri.	5 43	6 25	11 55	2 0
5 42	6 26	morn.	morn.	2	Sat.	5 41	6 27	morn.	2 52
5 41	6 27	55	49	3	S.	5 40	6 28	1 1	3 51
5 39	6 28	1 52	1 53	4	Mo.	5 38	6 29	2 8	4 56
5 37	6 29	2 40	3 2	5	Tu.	5 36	6 30	2 45	6 5
5 36	6 30	3 17	4 3	6	We.	5 35	6 31	3 21	7 7
5 34	6 31	3 49	4 58	7	Th.	5 33	6 32	3 52	8 4
5 33	6 32	4 16	5 50	8	Fri.	5 31	6 33	4 18	8 54
5 31	6 33	4 40	6 34	9	Sat.	5 30	6 34	4 41	9 37
5 30	6 34	5 16	7 11	10	S.	5 28	6 36	5 18	10 15
5 28	6 35	rises.	7 48	11	Mo.	5 26	6 37	rises.	10 52
5 26	6 36	7 6	8 18	12	Tu.	5 25	6 38	7 8	11 25
5 25	6 37	8 8	8 54	13	We.	5 23	6 39	8 11	11 56
5 24	6 38	9 10	9 31	14	Th.	5 21	6 40	9 15	ev. 33
5 22	6 39	10 13	10 9	15	Fri.	5 20	6 41	10 18	1 12
5 20	6 40	11 15	10 49	16	Sat.	5 18	6 42	11 21	1 56
5 19	6 41	morn.	11 37	17	S.	5 16	6 43	morn.	2 42
5 17	6 42	13	ev. 31	18	Mo.	5 15	6 45	20	3 34
5 16	6 43	1 7	1 32	19	Tu.	5 13	6 46	1 13	4 34
5 14	6 44	1 55	2 35	20	We.	5 12	6 47	2 1	5 38
5 13	6 45	2 35	3 41	21	Th.	5 10	6 48	2 39	6 45
5 11	6 46	3 8	4 42	22	Fri.	5 9	6 49	3 12	7 46
5 10	6 47	3 36	5 41	23	Sat.	5 7	6 50	3 39	8 45
5 8	6 48	4 4	6 34	24	S.	5 6	6 51	4 5	9 37
5 7	6 49	4 31	7 22	25	Mo.	5 4	6 52	4 31	10 27
5 6	6 50	5 0	8 7	26	Tu.	5 3	6 53	4 58	11 13
5 4	6 51	sets.	8 56	27	We.	5 1	6 55	sets.	11 58
5 3	6 52	9 24	9 47	28	Th.	5 0	6 56	9 29	morn.
5 2	6 53	10 37	10 37	29	Fri.	4 58	6 57	10 43	49
5 0	6 55	11 42	11 34	30	Sat.	4 57	6 58	11 49	1 44



MAY 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	3 D.	2 H. 11 M. ev.	1 H. 11 M. ev.
Full Moon.....	11 D.	5 H. 59 M. ev.	4 H. 59 M. ev.
Last Quarter....	19 D.	9 H. 52 M. mo.	8 H. 52 M. mo.
New Moon.....	26 D.	0 H. 49 M. mo.	11 H. 49 M. ev.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
4 59	6 56	morn.	morn.	1	S.	4 56	7 0	morn.	2 39
4 58	6 57	36	33	2	Mo.	4 54	7 1	43	3 36
4 56	6 58	1 23	1 35	3	Tu.	4 53	7 2	1 24	4 37
4 55	6 59	1 58	2 33	4	We.	4 52	7 3	2 3	5 36
4 54	7 0	2 28	3 29	5	Th.	4 51	7 4	2 31	6 32
4 53	7 1	2 52	4 21	6	Fri.	4 49	7 5	2 54	7 25
4 52	7 2	3 13	5 5	7	Sat.	4 48	7 6	3 14	8 13
4 51	7 3	3 34	5 51	8	S.	4 47	7 7	3 34	8 55
4 49	7 4	3 54	6 32	9	Mo.	4 46	7 8	3 52	9 35
4 48	7 5	4 14	7 9	10	Tu.	4 44	7 9	4 11	10 13
4 47	7 6	rises.	7 44	11	We.	4 43	7 10	rises.	10 51
4 46	7 7	8 5	8 22	12	Th.	4 42	7 11	8 10	11 27
4 45	7 8	9 9	9 6	13	Fri.	4 41	7 12	9 15	ev. 7
4 44	7 9	10 8	9 49	14	Sat.	4 40	7 13	10 15	51
4 43	7 10	11 3	10 32	15	S.	4 39	7 14	11 10	1 39
4 42	7 11	11 53	11 21	16	Mo.	4 38	7 15	11 59	2 28
4 41	7 12	morn.	ev. 16	17	Tu.	4 37	7 16	morn.	3 19
4 40	7 13	35	1 13	18	We.	4 36	7 17	40	4 15
4 39	7 14	1 10	2 12	19	Th.	4 35	7 18	1 12	5 15
4 39	7 15	1 38	3 11	20	Fri.	4 34	7 19	1 40	6 14
4 38	7 16	2 5	4 13	21	Sat.	4 33	7 20	2 7	7 17
4 37	7 17	2 31	5 9	22	S.	4 32	7 21	2 31	8 13
4 36	7 18	2 58	6 4	23	Mo.	4 31	7 22	2 56	9 7
4 36	7 19	3 27	6 57	24	Tu.	4 31	7 23	3 25	10 0
4 35	7 20	4 1	7 45	25	We.	4 30	7 24	3 57	10 52
4 34	7 20	sets.	8 38	26	Th.	4 29	7 25	sets.	11 43
4 34	7 21	9 22	9 33	27	Fri.	4 29	7 26	9 28	morn.
4 33	7 22	10 24	10 25	28	Sat.	4 28	7 27	10 30	35
4 32	7 23	11 15	11 15	29	S.	427	7 28	11 21	1 29
4 32	7 23	11 56	morn.	30	Mo.	4 27	7 28	morn.	2 23
4 31	7 24	morn.	11	31	Tu.	4 26	7 29	1	3 14

JUNE 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	2 D.	4 H. 51 M. mo.	3 H. 51 M. mo.
Full Moon.....	10 D.	8 H. 32 M. mo	7 H. 32 M. mo.
Last Quarter....	17 D.	4 H. 1 M. ev.	3 H. 1 M. ev.
New Moon.....	24 D.	9 H. 6 M. mo.	8 H. 6 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
4 31	7 24	28	1 4	1	We.	4 25	7 30	32	4 6
4 30	7 25	54	1 53	2	Th.	4 25	7 30	57	4 56
4 30	7 26	1 17	2 44	3	Fri.	4 25	7 31	1 19	5 47
4 30	7 26	1 35	3 30	4	Sat.	4 24	7 32	1 35	6 33
4 29	7 27	1 58	4 19	5	S.	4 24	7 32	1 57	7 23
4 29	7 28	2 19	5 5	6	Mo.	4 24	7 33	2 17	8 9
4 29	7 28	2 41	5 49	7	Tu.	4 23	7 33	2 37	8 53
4 29	7 29	3 7	6 35	8	We.	4 23	7 34	3 3	9 38
4 28	7 30	3 37	7 18	9	Th.	4 23	7 35	3 32	10 22
4 28	7 30	rises.	7 59	10	Fri.	4 23	7 36	rises.	11 5
4 28	7 31	8 59	8 47	11	Sat.	4 22	7 36	9 5	11 52
4 28	7 31	9 49	9 34	12	S.	4 22	7 37	9 56	ev. 36
4 28	7 32	10 35	10 20	13	Mo.	4 22	7 37	10 41	1 24
4 28	7 32	11 11	11 9	14	Tu.	4 22	7 38	11 16	2 15
4 28	7 32	11 41	11 59	15	We.	4 22	7 38	11 44	3 3
4 28	7 33	morn.	ev. 50	16	Th.	4 22	7 38	morn.	3 52
4 28	7 33	8	1 44	17	Fri.	4 22	7 39	10	4 46
4 28	7 33	34	2 42	18	Sat.	4 22	7 39	35	5 45
4 28	7 34	58	3 39	19	S.	4 22	7 39	57	6 43
4 29	7 34	1 28	4 37	20	Mo.	4 23	7 40	1 25	7 41
4 29	7 34	1 54	5 39	21	Tu.	4 23	7 40	1 53	8 43
4 29	7 34	2 34	6 38	22	We.	4 23	7 40	2 29	9 41
4 29	7 34	3 18	7 34	23	Th.	4 23	7 40	3 13	10 38
4 29	7 34	sets.	8 26	24	Fri.	4 23	7 40	sets.	11 31
4 30	7 35	9 4	9 20	25	Sat.	4 24	7 41	9 10	morn.
4 30	7 35	9 49	10 9	26	S.	4 24	7 41	9 55	22
4 30	7 35	10 26	10 54	27	Mo.	4 24	7 41	10 30	1 12
4 31	7 35	10 55	11 39	28	Tu.	4 25	7 40	10 58	2 1
4 31	7 35	11 19	morn.	29	We.	4 25	7 40	11 21	2 44
4 32	7 35	11 41	23	30	Th.	4 26	7 40	11 42	3 26

JULY 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
First Quarter....	1 D.	9 H. 13 M. ev.	8 H. 13 M. ev.
Full Moon.....	9 D.	8 H. 43 M. ev.	7 H. 43 M. ev.
Last Quarter....	16 D.	8 H. 47 M. ev.	7 H. 47 M. ev.
New Moon.....	23 D.	6 H. 32 M. ev.	5 H. 32 M. ev.
First Quarter....	31 D.	2 H. 45 M. ev.	1 H. 45 M. ev.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
4 32	7 35	morn.	1 7	1	Fri.	4 26	7 40	morn.	4 9
4 32	7 35	1	1 51	2	Sat.	4 26	7 40	1	4 54
4 33	7 34	23	2 37	3	S.	4 27	7 40	22	5 40
4 33	7 34	44	3 26	4	Mo.	4 28	7 40	41	6 29
4 34	7 34	1 8	4 17	5	Tu.	4 29	7 39	1 4	7 21
4 35	7 34	1 37	5 10	6	We.	4 29	7 39	1 32	8 14
4 35	7 33	2 11	6 2	7	Th.	4 30	7 39	2 5	9 5
4 36	7 33	2 58	6 55	8	Fri.	4 30	7 38	2 51	9 58
4 37	7 33	rises.	7 46	9	Sat.	4 31	7 38	rises.	10 50
4 37	7 32	8 33	8 31	10	S.	4 32	7 38	8 39	11 36
4 38	7 32	9 12	9 20	11	Mo.	4 33	7 37	9 17	ev. 22
4 39	7 31	9 44	10 6	12	Tu.	4 33	7 37	9 48	1 9
4 39	7 31	10 12	10 49	13	We.	4 34	7 36	10 15	1 56
4 40	7 30	10 38	11 36	14	Th.	4 35	7 36	10 39	2 41
4 41	7 30	11 2	ev. 24	15	Fri.	4 36	7 35	11 1	3 27
4 42	7 29	11 28	1 14	16	Sat.	4 37	7 34	11 26	4 16
4 43	7 29	11 58	2 10	17	S.	4 37	7 34	11 55	5 13
4 44	7 28	morn.	3 11	18	Mo.	4 38	7 33	morn.	6 14
4 44	7 27	31	4 17	19	Tu.	4 39	7 32	27	7 21
4 45	7 26	1 12	5 24	20	We.	4 40	7 31	1 6	8 28
4 46	7 26	2 5	6 28	21	Th.	4 41	7 30	1 58	9 31
4 47	7 25	3 2	7 25	22	Fri.	4 42	7 30	2 55	10 30
4 48	7 24	4 4	8 12	23	Sat.	4 43	7 29	3 58	11 19
4 48	7 23	sets.	9 3	24	S.	4 44	7 28	sets.	morn.
4 49	7 23	8 54	9 46	25	Mo.	4 45	7 27	8 58	5
4 50	7 22	9 20	10 24	26	Tu.	4 46	7 26	9 22	48
4 51	7 21	9 43	11 1	27	We.	4 47	7 25	9 44	1 28
4 52	7 20	10 4	11 40	28	Th.	4 48	7 24	10 4	2 7
4 53	7 19	10 25	morn.	29	Fri.	4 49	7 23	10 24	2 49
4 54	7 18	10 45	19	30	Sat.	4 50	7 22	10 43	3 22
4 55	7 17	11 9	1 2	31	S.	4 51	7 21	11 5	4 4

AUGUST 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
Full Moon.....	8 D.	6 H. 57 M. mo.	5 H. 57 M. mo.
Last Quarter....	15 D.	1 H. 37 M. mo.	0 H. 37 M. mo.
New Moon.....	22 D.	5 H. 59 M. mo.	4 H. 59 M. mo.
First Quarter....	30 D.	8 H. 29 M. mo.	7 H. 29 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
4 56	7 16	11 36	1 37	1	Mo.	4 52	7 20	11 32	4 50
4 57	7 14	morn.	2 38	2	Tu.	4 53	7 18	morn.	5 41
4 58	7 13	7	3 36	3	We.	4 54	7 17	1	6 36
4 59	7 12	49	4 35	4	Th.	4 55	7 16	42	7 39
5 0	7 11	1 38	5 37	5	Fri.	4 56	7 15	1 31	8 41
5 1	7 10	2 37	6 35	6	Sat.	4 57	7 14	2 30	9 38
5 2	7 9	3 40	7 28	7	S.	4 58	7 12	3 34	10 33
5 3	7 7	rises.	8 13	8	Mo.	4 59	7 11	rises.	11 20
5 4	7 6	8 14	9 3	9	Tu.	5 0	7 10	8 17	ev. 5
5 5	7 5	8 41	9 46	10	We.	5 1	7 8	8 42	48
5 6	7 4	9 6	10 28	11	Th.	5 2	7 7	9 6	1 32
5 7	7 2	9 32	11 11	12	Fri.	5 3	7 6	9 31	2 17
5 8	7 1	9 59	11 58	13	Sat.	5 4	7 4	9 56	3 2
5 9	7 0	10 31	ev. 49	14	S.	5 5	7 3	10 27	3 51
5 10	6 58	11 9	1 49	15	Mo.	5 6	7 1	11 4	4 52
5 11	6 57	11 58	2 54	16	Tu.	5 7	7 0	11 51	5 57
5 12	6 55	morn.	4 5	17	We.	5 8	6 58	morn.	7 9
5 13	6 54	52	5 15	18	Th.	5 10	6 57	45	8 19
5 14	6 53	1 54	6 18	19	Fri.	5 11	6 55	1 47	9 21
5 15	6 51	2 58	7 11	20	Sat.	5 12	6 54	2 52	10 15
5 16	6 50	4 5	7 55	21	S.	5 13	6 52	4 0	11 2
5 17	6 48	sets.	8 37	22	Mo.	5 14	6 51	sets.	11 42
5 17	6 47	7 47	9 17	23	Tu.	5 15	6 49	7 48	morn.
5 18	6 45	8 8	9 51	24	We.	5 16	6 48	8 8	18
5 19	6 44	8 28	10 23	25	Th.	5 17	6 46	8 27	53
5 20	6 42	8 49	10 58	26	Fri.	5 18	6 44	8 47	1 27
5 21	6 41	9 10	11 36	27	Sat.	5 19	6 43	9 7	2 5
5 22	6 39	9 36	morn.	28	S.	5 20	6 41	9 32	2 41
5 23	6 37	10 05	19	29	Mo.	5 21	6 39	9 59	3 22
5 24	6 36	10 40	1 7	30	Tu.	5 22	6 38	10 34	4 9
5 25	6 34	11 26	1 59	31	We.	5 23	6 36	11 19	5 2

SEPTEMBER 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
Full Moon.....	6 D.	4 H. 7 M. ev.	3 H. 7 M. ev.
Last Quarter....	13 D.	7 H. 49 M. mo.	6 H. 49 M. mo.
New Moon.....	20 D.	8 H. 16 M. ev.	7 H. 16 M. ev.
First Quarter....	29 D.	11 H. 19 M. mo.	10 H. 19 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
5 26	6 33	morn.	3 3	1	Th.	5 24	6 35	morn.	6 6
5 27	6 31	19	4 6	2	Fri.	5 26	6 33	12	7 10
5 28	6 29	1 20	5 12	3	Sat.	5 27	6 31	1 14	8 16
5 29	6 28	2 26	6 13	4	S.	5 28	6 29	2 21	9 16
5 30	6 26	3 43	7 7	5	Mo.	5 29	6 28	3 39	10 10
5 31	6 25	rises.	7 51	6	Tu.	5 30	6 26	rises.	10 58
5 32	6 23	7 8	8 36	7	We.	5 31	6 24	7 9	11 41
5 33	6 21	7 35	9 20	8	Th.	5 32	6 22	7 34	ev. 22
5 34	6 20	8 1	10 4	9	Fri.	5 33	6 21	7 58	1 6
5 35	6 18	8 33	10 45	10	Sat.	5 34	6 19	8 29	1 52
5 36	6 16	9 9	11 35	11	S.	5 35	6 17	9 4	2 41
5 37	6 15	9 53	ev. 33	12	Mo.	5 36	6 15	9 47	3 36
5 38	6 13	10 48	1 38	13	Tu.	5 37	6 14	10 41	4 40
5 39	6 11	11 47	2 48	14	We.	5 38	6 12	11 40	5 51
5 40	6 9	morn.	3 59	15	Th.	5 39	6 10	morn.	7 3
5 41	6 8	48	5 4	16	Fri.	5 40	6 8	42	8 8
5 42	6 6	1 56	6 0	17	Sat.	5 41	6 7	1 51	9 3
5 43	6 4	3 1	6 48	18	S.	5 43	6 5	2 57	9 51
5 44	6 3	4 6	7 30	19	Mo.	5 44	6 3	4 4	10 35
5 45	6 1	5 7	8 3	20	Tu.	5 45	6 1	5 5	11 9
5 46	5 59	sets.	8 39	21	We.	5 46	6 0	sets.	11 44
5 47	5 58	6 53	9 16	22	Th.	5 47	5 58	6 52	morn.
5 48	5 56	7 14	9 49	23	Fri.	5 48	5 56	7 12	17
5 49	5 55	7 37	10 23	24	Sat.	5 49	5 54	7 33	51
5 50	5 53	8 4	11 1	25	S.	5 50	5 53	8 0	1 27
5 51	5 52	8 27	11 47	26	Mo.	5 51	5 51	8 30	2 7
5 52	5 50	9 18	morn.	27	Tu.	5 52	5 49	9 12	2 49
5 53	5 48	10 7	35	28	We.	5 53	5 47	10 0	3 38
5 54	5 46	11 5	1 33	29	Th.	5 54	5 46	10 59	4 35
5 54	5 44	morn.	2 35	30	Fri.	5 56	5 44	morn.	5 38

OCTOBER 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
Full Moon.....	6 D.	**1** H. **11** M. mo.	**0** H. **11** M. mo.
Last Quarter....	12 D.	4 H. 37 M. ev.	3 H. 37 M. ev.
New Moon.....	20 D.	1 H. 24 M. ev.	0 H. 24 M. ev.
First Quarter....	28 D.	4 H. 26 M. ev.	3 H. 26 M. ev.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
5 56	5 43	**7**	**3 41**	1	Sat.	**5 57**	5 42	**1**	6 45
5 57	5 41	**1 19**	**4 46**	2	**S.**	**5 58**	5 40	**1 15**	7 48
5 58	5 39	**2 33**	**5 45**	3	Mo.	**5 59**	5 39	**2 30**	8 49
5 59	5 38	**3 47**	6 38	4	Tu.	6 0	5 37	**3 45**	9 41
6 0	5 36	**5 2**	7 25	5	We.	6 1	5 35	**5 1**	10 30
6 1	5 35	rises.	8 8	6	Th.	6 2	5 33	rises.	11 14
6 2	5 33	**6 30**	8 53	7	Fri.	6 3	5 32	**6 27**	11 55
6 3	5 31	**7 9**	9 42	8	Sat.	6 4	5 30	**7 4**	ev. 44
6 4	5 30	**7 47**	10 40	9	**S.**	6 6	5 28	**7 41**	1 34
6 5	5 28	**8 40**	11 22	10	Mo.	6 7	5 27	**8 33**	2 29
6 7	5 27	**9 39**	ev. 24	11	Tu.	6 8	5 25	**9 32**	3 27
6 8	5 25	**10 43**	1 29	12	We.	6 9	5 23	**10 36**	4 31
6 9	5 23	**11 49**	2 35	13	Th.	6 10	5 22	**11 43**	5 38
6 10	5 22	morn.	3 41	14	Fri.	6 11	5 20	morn.	**6 45**
6 11	5 20	**54**	4 38	15	Sat.	6 13	5 19	**49**	**7 42**
6 12	5 19	**1 59**	5 30	16	**S.**	6 14	5 17	**1 56**	**8 34**
6 13	5 17	**3 0**	**6 15**	17	Mo.	6 15	5 15	**2 58**	**9 18**
6 14	5 16	**4 0**	**6 54**	18	Tu.	6 16	5 14	**3 59**	**9 57**
6 15	5 14	**5 0**	**7 31**	19	We.	6 17	5 12	**5 1**	**10 36**
6 16	5 13	**5 59**	**8 3**	20	Th.	6 18	5 11	6 0	**11 9**
6 18	5 12	sets.	**8 39**	21	Fri.	6 20	5 9	sets.	**11 44**
6 19	5 10	**6 7**	**9 16**	22	Sat.	6 21	5 8	**6 3**	morn.
6 20	5 9	**6 37**	**9 55**	23	**S.**	6 22	5 6	**6 31**	**18**
6 21	5 7	**7 15**	**10 35**	24	Mo.	6 23	5 5	**7 9**	**58**
6 22	5 6	**8 1**	**11 23**	25	Tu.	6 24	5 3	**7 54**	**1 42**
6 23	5 4	**8 55**	morn.	26	We.	6 26	5 2	**8 48**	**2 28**
6 24	5 3	**9 53**	**14**	27	Th.	6 27	5 1	**9 47**	**3 17**
6 26	5 2	**11 1**	**1 10**	28	Fri.	6 28	4 59	**10 55**	**4 12**
6 27	5 1	morn.	**2 10**	29	Sat.	6 29	4 57	morn.	**5 13**
6 28	4 59	**12**	**3 11**	30	**S.**	6 31	4 57	**7**	6 14
6 29	4 58	**1 21**	**4 13**	31	Mo.	6 32	4 55	**1 19**	7 17

NOVEMBER 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
Full Moon.....	4 D.	10 H. 49 M. mo.	9 H. 49 M. mo.
Last Quarter....	11 D.	5 H. 2 M. mo.	4 H. 2 M. mo.
New Moon.....	19 D.	8 H. 19 M. mo.	7 H. 19 M. mo.
First Quarter....	27 D.	5 H. 28 M. mo.	4 H. 28 M. mo.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
6 30	4 57	**2 35**	**5 10**	1	Tu.	6 33	4 54	**2 34**	8 14
6 31	4 56	**3 49**	6 5	2	We.	6 34	4 53	**3 49**	9 6
6 32	4 54	**5 5**	6 54	3	Th.	6 36	4 51	**5 6**	9 57
6 34	4 53	rises.	7 44	4	Fri.	6 37	4 50	rises.	10 48
6 35	4 52	5 37	8 30	5	Sat.	6 38	4 49	5 32	11 35
6 36	4 51	**6 26**	9 24	6	**S.**	6 39	4 48	**6 20**	ev. 26
6 37	4 50	**7 25**	10 18	7	Mo.	6 41	4 47	**7 18**	1 21
6 38	4 49	**8 30**	11 13	8	Tu.	6 42	4 45	**8 24**	2 18
6 40	4 48	**9 37**	ev. 13	9	We.	6 43	4 44	**9 31**	3 16
6 41	4 47	**10 44**	1 13	10	Th.	6 44	4 43	**10 39**	4 15
6 42	4 46	**11 50**	2 11	11	Fri.	6 46	4 42	**11 46**	5 14
6 43	4 45	morn.	3 7	12	Sat.	6 47	4 41	morn.	**6 10**
6 44	4 44	**53**	3 59	13	**S.**	6 48	4 40	**50**	**7 3**
6 46	4 43	**1 54**	4 47	14	Mo.	6 49	4 39	**1 53**	**7 52**
6 47	4 42	**2 53**	5 31	15	Tu.	6 51	4 39	**2 53**	**8 35**
6 48	4 41	**3 52**	**6 14**	16	We.	6 52	4 38	**3 53**	**9 17**
6 49	4 40	**4 51**	**6 53**	17	Th.	6 53	4 37	**4 54**	**9 56**
6 50	4 39	**5 53**	**7 33**	18	Fri.	6 54	4 36	**5 57**	**10 38**
6 51	4 39	6 56	**8 10**	19	Sat.	6 56	4 35	7 1	**11 16**
6 53	4 38	sets.	**8 51**	20	**S.**	6 57	4 34	sets.	**11 53**
6 54	4 38	5 58	**9 35**	21	Mo.	6 58	4 34	5 51	morn.
6 55	4 37	**6 50**	**10 21**	22	Tu.	6 59	4 33	**6 43**	**37**
6 56	4 36	**7 48**	**11 5**	23	We.	7 0	4 32	**7 42**	**1 24**
6 57	4 36	**8 49**	**11 55**	24	Th.	7 2	4 32	**8 44**	**2 11**
6 58	4 35	**9 58**	morn.	25	Fri.	7 3	4 31	**9 53**	**2 59**
6 59	4 35	**11 1**	**47**	26	Sat.	7 4	4 31	**11 4**	**3 49**
7 0	4 35	morn.	**1 41**	27	**S.**	7 5	4 30	morn.	**4 43**
7 2	4 34	**17**	**2 36**	28	Mo.	7 6	4 30	**15**	**5 39**
7 3	4 34	**1 27**	**3 36**	29	Tu.	7 7	4 30	**1 26**	6 36
7 4	4 34	**2 41**	**4 32**	30	We.	7 8	4 29	**2 42**	7 36

DECEMBER 1892

MOON'S PHASES.		EASTERN TIME.	CENTRAL TIME.
Full Moon.....	3 D.	9 H. 17 M. ev.	8 H. 17 M. ev.
Last Quarter....	10 D.	9 H. 29 M. ev.	8 H. 29 M. ev.
New Moon.....	19 D.	3 H. 13 M. mo.	2 H. 13 M. mo.
First Quarter....	26 D.	4 H. 22 M. ev.	3 H. 22 M. ev.

New-York City, Phil., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MONTH.	D. OF WEEK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets.	Moon sets.	H. W. N. Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost'n
M. ti.	M. ti.	M. time	M. time			M. ti.	M. ti.	M. time	M. time
7 5	4 34	**3 53**	**5 29**	1	Th.	7 10	4 29	**3 55**	8 33
7 6	4 33	**5 10**	6 26	2	Fri.	7 11	4 29	**5 14**	9 29
7 7	4 33	6 30	7 21	3	Sat.	7 12	4 28	6 36	10 25
7 8	4 33	rises.	8 12	4	**S.**	7 13	4 28	rises.	11 19
7 9	4 32	**6 10**	9 12	5	Mo.	7 14	4 28	**6 3**	ev. 13
7 10	4 32	**7 17**	10 8	6	Tu.	7 15	4 28	**7 11**	1 10
7 11	4 32	**8 28**	10 58	7	We.	7 16	4 28	**8 23**	2 4
7 12	4 32	**9 36**	11 52	8	Th.	7 17	4 28	**9 32**	2 56
7 13	4 32	**10 41**	ev. 43	9	Fri.	7 17	4 28	**10 38**	3 45
7 14	4 32	**11 45**	1 33	10	Sat.	7 18	4 28	**11 43**	4 35
7 15	4 32	morn.	2 20	11	**S.**	7 19	4 28	morn.	5 23
7 15	4 32	**42**	3 9	12	Mo.	7 20	4 28	**41**	**6 12**
7 16	4 33	**1 51**	3 58	13	Tu.	7 21	4 28	**1 52**	**7 2**
7 16	4 33	**2 54**	4 43	14	We.	7 22	4 28	**2 56**	**7 47**
7 17	4 33	**3 43**	5 31	15	Th.	7 22	4 29	**3 46**	**8 35**
7 18	4 33	**4 46**	**6 18**	16	Fri.	7 23	4 29	**4 50**	**9 21**
7 18	4 33	**5 49**	**7 4**	17	Sat.	7 24	4 29	**5 54**	**10 7**
7 19	4 34	6 50	**7 45**	18	**S.**	7 24	4 29	6 56	**10 52**
7 20	4 34	sets.	**8 32**	19	Mo.	7 25	4 30	sets.	**11 37**
7 20	4 35	5 41	**9 18**	20	Tu.	7 26	4 30	5 35	morn.
7 21	4 35	**6 43**	**10 6**	21	We.	7 26	4 31	**6 37**	**20**
7 21	4 36	**7 50**	**10 43**	22	Th.	7 26	4 31	**7 45**	**1 18**
7 22	4 37	**8 59**	**11 33**	23	Fri.	7 27	4 32	**8 55**	**1 53**
7 22	4 37	**10 7**	morn.	24	Sat.	7 27	4 32	**10 5**	**2 38**
7 23	4 38	**11 17**	**21**	25	**S.**	7 28	4 33	**11 16**	**3 24**
7 23	4 39	morn.	**1 10**	26	Mo.	7 28	4 33	morn.	**4 12**
7 23	4 39	**24**	**2 0**	27	Tu.	7 28	4 34	**25**	**5 3**
7 23	4 40	**1 34**	**2 57**	28	We.	7 29	4 35	**1 36**	**5 59**
7 24	4 40	**2 48**	**3 58**	29	Th.	7 29	4 36	**2 51**	7 2
7 24	4 41	**4 5**	**5 0**	30	Fri.	7 29	4 37	**4 10**	8 5
7 24	4 42	**5 22**	6 5	31	Sat.	7 30	4 37	**5 28**	9 8

INTEREST TABLES.

FOUR PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

FIVE PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
4 "	2	4	5	6	9	10	12	14	15	17	1.67	16.67
5 "	2	4	7	9	11	13	15	17	19	21	2.09	20.84
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

SIX PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
28 "	1	1	1	2	2	3	3	4	4	5	47	4.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
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
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

TABLE OF WAGES BY THE WEEK.

Wages	Half hour.	One hour.	Two hours	Three hours	Four hours.	Five hours.	Six hours	Seven hours.	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	Six days.
$3	.02½	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	1.00	1.50	2.00	2.50	3.00
4	.03⅓	.06⅔	.13⅓	.20	.26⅔	.33⅓	.40	.46⅔	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4.00
5	.04⅙	.08⅓	.16⅔	.25	.33⅓	.41⅔	.50	.58⅓	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5.00
6	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	2.00	3.00	4.00	5.00	6.00
7	.05⅚	.11⅔	.23⅓	.35	.46⅔	.58⅓	.70	.81⅔	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7.00
8	.06⅔	.13⅓	.26⅔	.40	.53⅓	.66⅔	.80	.93⅓	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8 00
9	.07½	.15	.30	.45	.60	.75	.90	1.05	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9.00
10	.08⅓	.16⅔	.33⅓	.50	.66⅔	.83⅓	1.00	1.16⅔	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10.00
11	.09⅙	.18⅓	.36⅔	.55	.73⅓	.91⅔	1.10	1.28⅓	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11.00
12	.10	.20	.40	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12.00
13	.10⅚	.21⅔	.43⅓	.65	.86⅔	1.08⅓	1.30	1.51⅔	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13.00
14	.11⅔	.23⅓	.46⅔	.70	.93⅓	1.16⅔	1.40	1.63⅓	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14.00
15	.12½	.25	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15.00
16	.13⅓	.26⅔	.53⅓	.80	1.06⅔	1.33⅓	1.60	1.86⅔	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16.00
17	.14⅙	.28⅓	.56⅔	.85	1.13⅓	1.41⅔	1.70	1.98⅓	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17.00
18	.15	.30	.60	.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18.00
19	.15⅚	.31⅔	.63⅓	.95	1.26⅔	1.58⅓	1.90	2.21⅔	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19.00
20	.16⅔	.33⅓	.66⅔	1.00	1.33⅓	1.66⅔	2.00	2.33⅓	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20.00
24	.20	.40	.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24.00

This Table is based upon the usual calculation of 10 hours to a day.

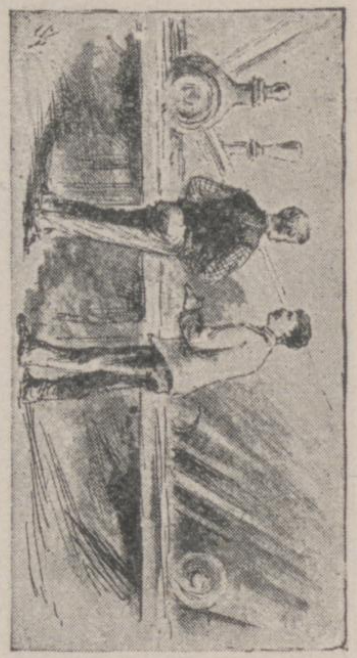


TABLE TO TELL TIME OF TIDE.

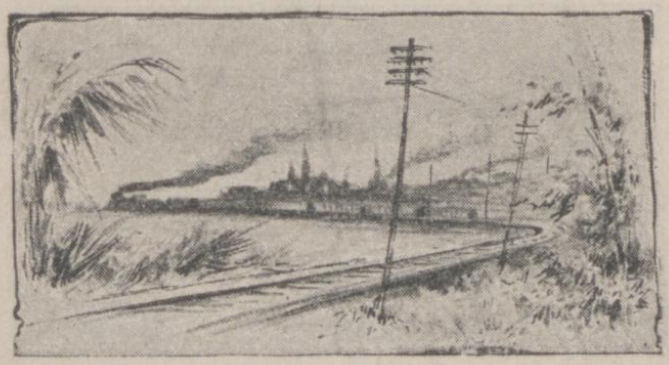
The time of high water at the places following may be found approximately for each day by adding or subtracting from the time of high water at New-York the hours and minutes annexed.

	H. M.		H. M.
Albany, N. Y	+ 9.39	New Haven, Conn.	+ 3.1
Annapolis, Md	+ 8.57	New London, Conn.	+ 1.16
Asbury Park, N. J.	— 0.37	Newport, R. I	— 0.22
Atlantic City, N. J.	— 0.18	Norfolk, Va	+ 0.56
Baltimore, Md	+10.52	Norwich, Conn	+ 2.5
Bar Harbor, Me	+ 2.50	Ocean Grove, N. J.	— 0.37
Beaufort, S. C	— 0.9	Old P. Comfort, Va.	+ 0.37
Block Island, R. I.	— 0.53	Philadelphia, Pa	+ 5.37
Boston, Mass	+ 3.22	Plymouth, Mass	+ 3.12
Bridgeport, Conn.	+ 3.4	Point Lookout, Md.	+ 4.49
Bristol, R. I	— 0.2	Portland, Me	+ 3.10
Cape May, N. J.	+ 0.12	Portsmouth, N. H.	+ 3.16
Charleston, S. C	— 0.43	Poughkeepsie, N.Y.	+ 4.27
Coney Island, N.Y.	— 0.20	Providence, R. I	+ 0.7
Eastport, Me	+ 3.1	Richmond, Va	+ 8.47
Fernandina, Fla	— 0.19	Rockaway, N. Y	— 0.28
Gloucester, Mass	+ 2.57	Rockland, Me	+ 2.55
Isle of Shoals	+ 3.11	Rockport, Mass	+ 2.50
Jacksonville, Fla	+ 0.36	Salem, Mass	+ 3.5
Key West, Fla	+ 1.23	Sandy Hook, N. J.	— 0.40
League Island, Pa.	+ 5.12	Savannah, Ga	— 0.49
Long Branch, N. J.	— 0.38	Smithville, N. C	— 0.51
Marblehead, Mass.	+ 3.4	Viny'd Haven, Mass.	+ 3.35
Nahant, Mass	+ 3.2	Washington, D. C.	+11.54
Nantucket, Mass	+ 4.31	Watch Hill, R. I	+ 0.53
New Bedford, Mass.	+ 0.10	West Point, N. Y	+ 2.55
Newburyport, Mass.	+ 3.29	Wilmington, N. C.	+ 0.59

EXAMPLE.—To ascertain at what hour it will be high tide at Sandy Hook on the 1st of July, find first the time of high water at New-York under that date, and then subtract 40 minutes, as found in above table opposite Sandy Hook; the result is the time of high water required.

THE HARVEST MOON.

The term is a popular name given to the full moon which happens about the time of the autumnal equinox. If the full moon occurs exactly at the time of the equinox, it will rise nearly full about the same time of sunset for several evenings together. Sir John Herschel, in his "Outlines," defined the harvest moon as the full moon which happens on or nearest to September 21st, because it rises from night to night after the full more nearly after sunset than any other full moon in the year, and is therefore favorable for evening work in carrying in the late crops.



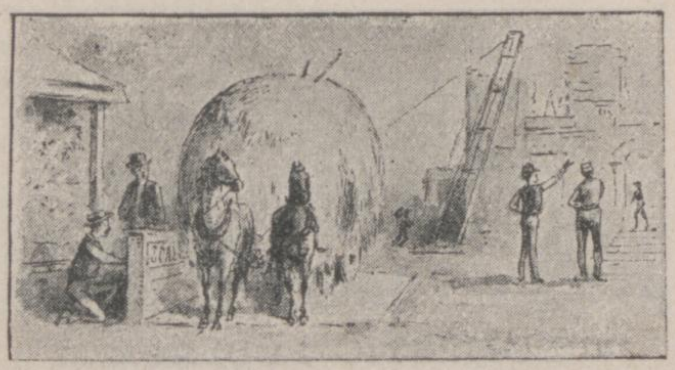
PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1890.	Miles.	Hours.	Stan. Time — + } Mean Time.
New-York, N. Y....	1,513,501	....	....	— 4 m.
Chicago, Ill.....	1,098,576	912	24.	— 9
Philadelphia, Pa	1,044,894	90	2.	+ 1
Brookiyn, N. Y.....	804,377	....	....	— 4
St. Louis, Mo	450,245	1065	29.40	+ 1
Boston, Mass.....	446,507	234	6.	— 16
Baltimore, Md.....	433,547	188	4.09	+ 6
San Francisco, Cal..	297,990	3209	132.	+ 10
Cincinnati, Ohio	296,309	757	21.10	— 22
Cleveland, Ohio.....	261,546	585	14.20	+ 27
Buffalo, N. Y.....	254,457	410	9.45	+ 16
New Orleans, La....	241,995	1371	48.	0
Pittsburgh, Pa.....	238,473	444	12.	+ 20
Washington, D. C...	228,160	228	5.25	+ 8
Detroit, Mich.....	205,669	646	19.10	— 28
Milwaukee, Wis.....	204,150	997	27.10	— 8
Newark, N. J.	181,518	10	.30	— 3
Minneapolis, Minn..	164,738	1332	50.50	+ 12
Louisville, Ky	161,005	867	24.30	— 18
Omaha, Neb.....	139,526	1402	43.30	+ 14
Rochester, N. Y	138,327	374	8.50	+ 11
St. Paul, Minn	133,156	1322	50.30	+ 12
Kansas City, Mo....	132,416	1385	41.30	+ 19
Providence, R. I....	132,099	188	5.30	— 14
Denver, Col.....	126,186	1982	56.30	0
Indianapolis, Ind....	107,445	825	23.	— 16
Albany, N. Y.....	93,523	145	3.30	— 5
Columbus, O.....	90,398	540	17.	— 28
Syracuse, N. Y.....	87,877	293	7.15	+ 5
Worcester, Mass....	84,536	190	5.	— 13
Toledo, Ohio	82,652	706	17.30	— 16
Richmond, Va	80,838	342	11.15	+ 10
Nashville, Tenn.....	76,309	1000	30.30	— 17
Memphis, Tenn.....	64,586	1244	44.30	0
Grand Rapids, Mich.	64,147	934	30.30	— 17
Lincoln, Neb.....	55,491	1460	43.	+ 22
Charleston, S. C	54,592	803	31.	+ 24
Hartford, Conn	53,182	113	3.	— 9
Des Moines, Iowa...	50,067	1270	41.	+ 14
Portland, Or.....	47,294	3232	133.	+ 20
Salt Lake City, Utah.	45,025	2471	72.	+ 28
Seattle, Wash.....	43,914	3274	142.	+ 21
Savannah, Ga.....	41,762	904	31.	+ 24
Galveston, Texas ...	29,118	1782	63.	+ 19
Leavenworth, Kan ..	20,250	1369	41.	+ 20
Rutland, Vt.....	11,757	232	8.	— 9

STATES AND TERRITORIES.

STATES AND TERRITORIES.	Square Miles.	When Settled	Ad-mitted.	Population in 1890.	Elect'l Vote.
Alabama.....	52,250	1711	1819	1,513,017	11
Arkansas.....	53,850	1685	1836	1,128,179	8
California.....	158,360	1768	1850	1,208,130	9
Colorado.....	103,925	1806	1876	412,198	4
Connecticut...	4,990	1635	1789	746,258	6
Delaware.....	2,050	1638	1787	168,493	3
Florida.....	58,680	1565	1845	391,422	4
Georgia.....	59,475	1733	1789	1,837,353	13
Idaho.....	84,800	1860	1890	84,385	3
Illinois.....	56,650	1682	1818	3,826,351	24
Indiana.....	36,350	1702	1816	2,192,404	15
Iowa.....	56,025	1788	1837	1,911,896	13
Kansas.....	82,080	1719	1861	1,427,096	10
Kentucky....	40,400	1787	1792	1,858,635	13
Louisiana.....	48,720	1699	1812	1,118,587	8
Maine.....	33,040	1635	1820	661,086	6
Maryland.....	12,210	1634	1789	1,042,390	8
Massachusetts.	8,315	1620	1789	2,238,943	15
Michigan.....	58,915	1670	1837	2,093,889	14
Minnesota....	83,365	1819	1858	1,301,826	9
Mississippi...	46,810	1716	1817	1,289,600	9
Missouri.....	69,415	1764	1821	2,679,184	17
Montana.....	146,080	1860	1889	132,159	3
Nebraska.....	77,510	1854	1867	1,058,910	8
Nevada.....	110,700	1848	1864	45,761	3
New Hamp're.	9,305	1623	1789	376,530	4
New Jersey...	7,815	1620	1789	1,444,933	10
New-York....	49,170	1614	1789	5,997,853	36
N. Carolina...	52,250	1650	1789	1,617,947	11
N. Dakota....	68,645	....	1889	182,719	3
Ohio.....	41,060	1788	1802	3,672,316	23
Oregon.....	96,030	1811	1859	313,767	4
Pennsylvania.	45,215	1638	1789	5,258,014	32
Rhode Island..	1,250	1636	1790	345,506	4
S. Carolina...	30,570	1690	1789	1,151,149	9
S. Dakota....	79,800	....	1889	328,808	4
Tennessee...	42,050	1750	1796	1,767,518	12
Texas.....	265,780	1685	1845	2,235,523	15
Vermont.....	9,565	1724	1791	332,422	4
Virginia.....	42,450	1607	1789	1,655,980	12
Washington..	69,180	1845	1889	349,390	4
W. Virginia...	24,780	1607	1863	762,794	6
Wisconsin....	56,040	1669	1847	1,686,880	12
Wyoming....	97,890	1869	1890	60,705	3
Alaska Ter..	561,409	1741	....	40,000	....
Arizona " ..	113,020	1582	....	59,620	....
Indian " ..	64,609	1834	....	.....	....
New Mex. " ..	122,580	1582	....	153,593	....
Oklahoma " ..	39,450	....	....	61,834	....
Utah " ..	84,970	1847	....	207,905	....



NAMES AND SIZES OF PAPER.

Double Imperial	32 × 44	Super Royal	20 × 28
Dbl. Super Royal	27 × 42	Royal	19 × 24
Double Medium	23 × 36	Medium	18 × 23
Double Medium	24 × 37½	Demy	16 × 21
Double Medium	24 × 38	Folio Post	17 × 22
Royal and Half	25 × 29	Cap	14 × 17
Imperial and Half	26 × 32	Crown	15 × 19
Imperial	23 × 31	Double Crown	19 × 30

In addition to the above more or less regular sizes, manufacturers are accustomed to have made to order any special sizes which best accommodate them.

Paper is made from any substance containing cellular tissue, as cotton, linen, straw, wood, etc. It was first made in Egypt, some writers claiming as early as 2500 years B. C. Manufactories for exportation existed in Memphis 700 years B. C. The lower part of the stem of the papyrus plant was used, from which name "paper" is derived. During the first century the Chinese manufactured paper from silk, and in the third century from cotton. Linen and cotton rags were first used in the manufacture of paper by the Moors in Spain during the eleventh century.

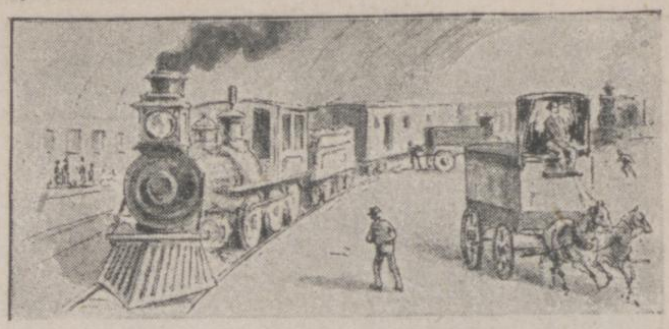
A sheet of paper folded once, making *two* leaves, or four pages, is called a Folio. A book made of sheets thus folded is called a Folio. When so folded that each sheet makes *four* leaves, it is called a Quarto; when so folded as to make *eight* leaves, an Octavo, or 8vo; *twelve* leaves, a Duodecimo, or 12mo; *sixteen* leaves, a 16mo; *twenty-four*, *thirty-two*, and *forty-eight* leaves, a 24mo, 32mo, or 48mo, respectively.

DIVISIONS OF TIME.

A Solar Day is measured by the rotation of the earth upon its axis, and is of different lengths, owing to the ellipticity of the earth's orbit and other causes; but a mean solar day, recorded by the time-piece, is twenty-four hours long. *An Astronomical Day* begins at noon, and is counted from the first to the twenty-fourth hour. *A Civil Day* begins at midnight, and is counted from the first to the twelfth hour, when it is counted again from the first to the twelfth hour. *A Nautical Day* is counted as a Civil Day, but begins, like an Astronomical Day, from noon.

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

A Year is divided into 365 days. *A Solar Year*, which is the time occupied by the Sun in passing from one Vernal Equinox to another, consists of 365.24244 solar days, or 365 days, 5 hours, 48 minutes, and 49.536 seconds. *A Julian Year* is 365 days. *A Gregorian Year* is 365.2425 days; every fourth year is *Bissextile*, or Leap Year, and is 366 days. The error of Gregorian computation amounts only to one day in 3571.4286 years.



DOMESTIC POSTAGE.

FIRST CLASS.— Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp when attached to a letter, in addition to the lawful postage, shall entitle the letter to immediate delivery at or within one mile of any post-office. Postal cards, one cent each.

SECOND CLASS.— All regular newspapers, magazines, and other periodicals issued at intervals not exceeding three months; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.— Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 c. per 2 ozs. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted except under conditions which may be learned at any post-office.

Direct your mail matter to a post-office, writing the name of the *State* plainly; and if to a city, add the street and number or post-office box of the person addressed. Matter not addressed to a post-office cannot be forwarded. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure its immediate return to you for correction, if improperly addressed or insufficiently paid; and if it is not called for at destination, it can be returned to you without going to the Dead Letter office. If a letter, it will be returned free. Register all valuable letters and packages. **Registry fee, ten cents,** which, with the postage, must be fully prepaid.

POSTAL NOTE AND MONEY ORDER FEES.—Postal notes, three cents each, in denominations of $4.99 and less, payable to bearer. Such notes are invalid upon the expiration of three months from the last day of the month of issue, but the holder can after that time get it renewed at the Department at Washington, upon payment of a fee of three cents. For Money Orders in denominations of $100 or less, the following fees are charged: Orders not exceeding $5, 5 c.; over $5 to $10, 8 c.; $10 to $15, 10 c.; $15 to $30, 15 c.; $30 to $40, 20 c.; $40 to $50, 25 c.; $50 to $60, 30 c.; $60 to $70, 35 c.; $70 to $80, 40 c.; $80 to $100, 45 c.

FOREIGN POSTAGE.

To all parts of the Universal Postal Union (embracing nearly every civilized country):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings and similar printed matter, **one cent for each two ounces** or fraction thereof.

To Canada (including Nova Scotia, New Brunswick, Manitoba and Prince Edward Island): Letters, **two cents for each ounce** or fraction thereof; Books, Circulars and similar printed matter, **one cent for each two ounces** or fraction thereof; Second Class Matter, same as in the United States; Samples and Merchandise, **one cent per ounce.** Packages must not exceed 4 lbs. 6 oz. in weight—prepayment compulsory.

To Mexico: Letters, Postal Cards, and printed matter, same rates as in the United States. Samples, **one cent per ounce;** Merchandise other than Samples can only be sent by Parcel Post.

To Australia (except New South Wales, Queensland, and Victoria), *via* San Francisco: On Letters, **five cents for each half ounce** or fraction thereof. To places excepted above, **twelve cents for each half ounce;** on Newspapers, **two cents each**—prepayment compulsory.

Limits of Size and Weight: Packages of samples of merchandise to the countries named above (except Great Britain, France, Belgium, and Switzerland) must not exceed 8¾ oz., nor measure more than 8 in. in length, 4 in breadth, and 2 in depth; and packages of printed matter must not exceed 4 lbs. 6 oz. Packages of merchandise samples to Great Britain, France, Belgium, Switzerland, and Argentine Republic are limited to 12 oz. in weight, 12 in. in length, 8 in width, and 4 in depth. Packages of printed matter to Germany and Great Britain are limited to 2 ft. in length and 1 ft. in each other dimension.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

On Algeria, Belgium, British India, Cape Colony, Constantinople, Denmark, Dominion of Canada, Egypt, England, France, German Empire, Hong Kong, Ireland, Italy, Jamaica, Japan, Newfoundland, New South Wales, New Zealand, Portugal, Sandwich Islands, Scotland, Shanghai, Sweden, Switzerland, Tasmania, Victoria.

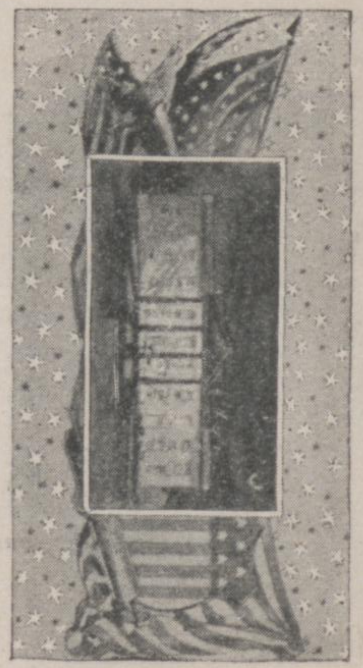
For sums not exceeding $10 ..... 10 cents.
Over $10 and not exceeding $20 ..... 20 cents.
Over $20 and not exceeding $30 ..... 30 cents.
Over $30 and not exceeding $40 ..... 40 cents.
Over $40 and not exceeding $50 ..... 50 cents.

Orders can also be obtained on Austria and East Indies, by remittance through the Postal Department of Switzerland, subject to the rates of the Swiss Department to those countries. Also on Norway and the Netherlands, through the Postal Department of the German Empire, subject to the rates of the German Department to those countries.

No order issued for a larger amount than $50 in U. S. money.

PRESIDENTS OF THE UNITED STATES

NAMES.	BORN.	INAUGURATED.	IN OFFICE.	DIED.	NATIVE OF
GEORGE WASHINGTON..	Feb. 22, 1732	April 30, 1789	8 years.....	Dec 14, 1799	Virginia.
JOHN ADAMS	Oct. 30, 1735	March 4, 1797	4 "	July 4, 1826	Massachusetts.
THOMAS JEFFERSON....	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
JAMES MADISON	March 16, 1751	" 4, 1809	8 "	June 28, 1836	"
JAMES MONROE.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
JOHN QUINCY ADAMS...	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Massachusetts.
ANDREW JACKSON.....	March 15, 1767	" 4, 1829	8 "	June 8, 1845	South Carolina.
MARTIN VAN BUREN ...	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New-York.
WILLIAM H. HARRISON.	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.
JOHN TYLER	March 20, 1790	April 5, 1841	3 yrs. 11 mos..	Jan. 17, 1862	"
JAMES K. POLK.....	Nov. 2, 1795	March 4, 1845	4 "	June 15, 1849	North Carolina.
ZACHARY TAYLOR	Nov. 24, 1790	" 4, 1849	1 " 4 mos...	July 9, 1850	Virginia.
MILLARD FILLMORE....	May 7, 1800	July 10, 1850	2 " 8 " ...	March 8, 1874	New-York.
FRANKLIN PIERCE.....	Nov. 23, 1804	March 4, 1853	4 "	Oct. 8, 1869	New Hampshire.
JAMES BUCHANAN.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN.....	Feb. 12, 1809	" 4, 1861	4 " 40 days .	April 15, 1865	Kentucky.
ANDREW JOHNSON.....	Dec. 29, 1808	April 15, 1865	3 " 11 mos..	July 31, 1875	North Carolina.
ULYSSES S. GRANT.....	April 27, 1822	March 4, 1869	8 "	July 23, 1885	Ohio.
RUTHERFORD B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	.....	"
JAMES A. GARFIELD....	Nov. 19, 1831	" 4, 1881	6 mos. 15 days.	Sept. 19, 1881	"
CHESTER A. ARTHUR...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 mos ..	Nov. 18, 1886	Vermont.
GROVER CLEVELAND ...	March 18, 1837	March 4, 1885	4 "	.....	New Jersey.
BENJAMIN HARRISON...	Aug. 20, 1833	" 4, 1889	.....	.....	Ohio.



JANUARY FRIDAY 1 1892

D — R D — R

Pierce 53 to 57 254 — 42
Scott

Douglas et als
Lincoln 61 to 65 - 123 - 180

Johnson 65..69

Grant 69.73

Grant 73.77

Hayes 77.81

Garfield

Arthur 81-85

SATURDAY 2

Cleveland 85-89

Harrison 89-93

Cleveland 93-97

MONDAY 4

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Rec'd of Abstract Co $30.00
Making in all Rec'd to date
$70.00

Morning cloudy
Clear & warm at Mid-
day

FEBRUARY TUESDAY 2 1892

Morning Cloudy with indications of Rain

WEDNESDAY 3

A drizzly day

FEBRUARY THURSDAY 4 1892

Mama but a portion of the day Cloudy

FRIDAY 5

FEBRUARY SATURDAY 6 1892

SUNDAY 7

FEBRUARY MONDAY 8 1892

Warm & Pleasant—

TUESDAY 9

FEBRUARY WEDNESDAY 10 1892

THURSDAY 11

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1894

FEBRUARY ~~FRIDAY~~ Monday 26 1894

9 Inches snow this morning

Tuesday ~~SATURDAY~~ 27

MONDAY 29

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Adams Sets Lily and Pens
all day

TUESDAY 8

Raining this Morning
Aunt - Ass^nt to Lambert

Pleasant at work on Adams
Lots, Rain at Night

THURSDAY 10

Misty with Snow

Little Cold

SATURDAY 12

Warmer this Morning but Windy, Evening quite pleasant

All day on Adams & Ferguson Lots

1894 Planted G. Hero Peas & Onions

MARCH SUNDAY 13 1892

Warm this morning
but overcast & foggy

Buttercups very useless

MONDAY 14

Rainy

Cold & windy not at Adams but quit work on account of cold wind

Snow about 3" ±

Sera died at Portsmouth on his way home from Cin. on the Brab

WEDNESDAY 16

Snow Last Night 2"±
Sea broke this Morne
Snow continued through
the day and night

FRIDAY 18

Still Snowing
Snow ceased about
Noon the Sun shone-
Finitely about Noon

Cold and Overcast
T 20°+
Clouds Broken with
indications of clear weath-
er – some 8" snow on
the ground

At Noon Rain out
Westerly wind

SUNDAY 20

Warmer this morning
at Noon Warmer & pleas-
ant

Snow again this Morning

T. 30+

Warmer this Morning with indications of Rain

MARCH WEDNESDAY 23 1892

Rain in the night

THURSDAY 24

At work about the
lot with Miles help

MARCH FRIDAY 25 1892

Pleasant day, out to Adams in the morning measuring lots

SATURDAY 26 1894

6 AM T +20° - 12 M. + 20°

MARCH SUNDAY 27 1892 ~~7~~

6 am. F. 16°+

MONDAY 28

WEDNESDAY 30

MARCH THURSDAY 31 1892 4

APRIL FRIDAY 1

SUNDAY 3

~~Look out for Buttercup~~

TUESDAY 5

THURSDAY 7

SATURDAY 9

Thm at - +34 and spitting snow this morning

Mrs Powers came to spend the night with us

Garden plowed while snow flying

Morning Thermometer 32° +
Mrs Polowo left at 9 minute
time to listen to Mr Bonsall

MONDAY 11

Thermometer Morning at 28° +
Clear & bright throughout the
day

Cold Wind with
occasional Rain
Starmers in garden
Sowed tents Peas and
put out Nitro Bacto

WEDNESDAY 13

Warmer but skies
partially overcast

/

Still cold & cloudy
T 34° + with cold N.
Wind

FRIDAY 15

SUNDAY 17

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SUNDAY 24

Thm. +90

Mr John Jolly dead

Wann. confined to the premises by same back

at 10 a.m. Thm 90°+
" 12 M " 94+

Indications of Rain

TUESDAY 26

at 8 a.m. 84 – at 12 M. 93
No Rain

at 3 PM 5.88°+

at 10

Hittons Fete

THURSDAY 28

93 8 a.m. J. 85°+
10 " " 88
12 m " 90°
4 PM " 89°

Cooke

SATURDAY 30

A heavy storm last night.
Miss Richards arrived

AUGUST MONDAY 1

Henry Brown

WEDNESDAY 3

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at-12 M. 88

TUESDAY 9

THURSDAY 11

Blank Page(s)

WEDNESDAY 9

Snowing this morning
Cleveland Elected!
So paper says

FRIDAY 11

Blank Page(s)

MONDAY 21

Meeting Abstract Co

WEDNESDAY 23

Morning Thu +13°

NOVEMBER THURSDAY 24 1892

Morning Thru + 5

FRIDAY 25

Thru + 14° Morning

NOVEMBER SATURDAY 26 1892

Rain & Sleet last Night

SUNDAY 27

NOVEMBER MONDAY 28 1892

TUESDAY 29

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1892

CASH ACCOUNT — NOVEMBER.

Date.		Received.		Paid.		Date
8	M. N. Bank Co.					
"	Cash	25	00			
"	Check Hyman	30	00			
"	P. Hyman Check			25	00	
"	Smoke N			4	25	
"	Plaster				25	
"	O. N. Sunstrut			8	00	
10	Hat			2	50	
	Meat &c				30	
16	Flour			5	20	
	Rubbers			1	20	
21	Town Tax			58	10	
	Shoes &c				75	
	Check M. N. B.	58.	10			
	In M. N. B.	[illegible]	=	59,	50	
23	Sept			2	85	
	Ins Co	18	50			
26	Adams	3	00			
	Butche	21	50	1	50	
	Kate			10	00	
	Oysters &c			1	00	
Dec 5	Bank	25	00			
	In Bank	36	50			
	Bill & Ads.			7	00	

1894

CASH ACCOUNT — NOVEMBER.

Date.		Received.	Paid.

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Work at E Oakown

Mon 7-9-12 - 25 1/4 - 29 1/4 = 3 1/2

Mill 3 1/2 Ds @ 25

Selz 5 " Pound = 22.50

Pulp Co Apr at 1/3 Day

Apl " " 19 1/3

Excelsior Diary

M. J. Nelson
Jan 16th '93

.....Hilton, M. J.....

Your State and County Taxes for year 1896, amounting to $. 24.55 are now past due. All Taxes not paid by October 26, 1896, will be distrained for and advertised for sale. The books for Magisterial District No. 5 are at Council Chamber, City Building, in Ashland, in charge of R. C. Richardson, who is authorized to receive and receipt for same. This is the only notice that will be given before distraint is made.

Stub No 485 WM. KLINE, S. B. C.

Please bring this notice with you.

Hilton Henrietta

Your State and County Taxes for year 1896, amounting to $ 43.60 are now past due. All Taxes not paid by October 26, 1896, will be distrained for and advertised for sale. The books for Magisterial District No. 5 are at Council Chamber, City Building, in Ashland in charge of R. C. Richardson, who is authorized to receive and receipt for same. This is the only notice that will be given before distraint is made.

Stub No 486

WM. KLINE, S. B. C.

Please bring this notice with you.

EXCELSIOR DIARY

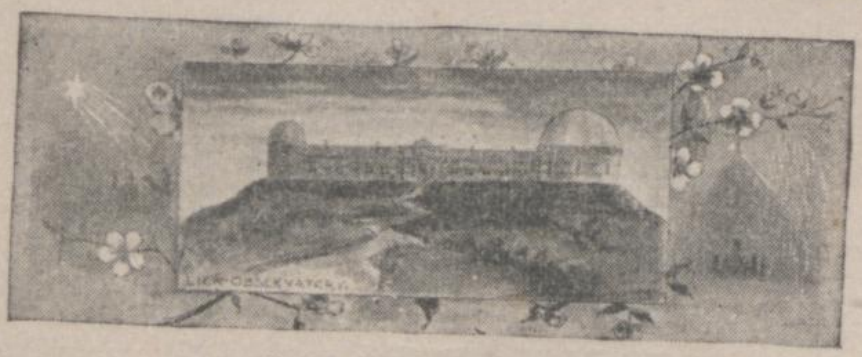
COLUMBIAN EDITION

1893

CALENDAR FOR 1893.

1893	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JAN.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
FEB.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	..	..	..	..
MARCH.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
APRIL.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
MAY.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
JUNE.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
	..	..	..	..	..	..	..

1893	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JULY.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
AUG.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
SEPT.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
OCT.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
NOV.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..
DEC.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..



ECLIPSES, 1893.

There will be but two Eclipses this year, and both of the Sun.

I. A Total Eclipse of the Sun, April 15 and 16, invisible in North America.

II. An Annular Eclipse of the Sun, Oct. 9, visible as a partial eclipse upon the Sun's southern limb in the Gulf and Western States.

MORNING AND EVENING STARS.

MERCURY, morning, until Feb. 16, and from March 31 to June 4, Aug. 8 to Sept. 20, and after Nov. 26; evening, from Feb. 16 to March 31, June 4 to Aug. 8, and Sept. 20 to Nov. 26.

VENUS, morning, until May 2; evening, after May 2.

MARS, morning, after Sept. 4; evening, until Sept. 4.

JUPITER, morning, from April 27 to Aug. 22; evening, until April 27 and after Aug. 22.

SATURN, morning, Jan. 1 and after Oct. 8; evening, from Jan. 1 to Oct. 8.

URANUS, morning, until Jan. 30 and after Nov. 3; evening, from Jan. 30 to Nov. 3.

MOVABLE FEASTS.

Septuagesima Sun.	Jan. 29	Easter Sunday	Apr. 2
Sexagesima "	Feb. 5	Low "	" 9
Quinquagesima Sun. "	12	Rogation "	May 7
Ash-Wednesday "	15	Ascension Day "	11
Quadragesima Sunday "	19	Whit-Sunday (Pent.) "	21
Mid-Lent Sunday	Mar. 5	Trinity " "	28
Palm Sunday "	26	Corpus Christi	June 1
Good Friday "	31	Advent Sunday	Dec. 3

CHRONOLOGICAL CYCLES.

Dominical Letter	A	Roman Indiction	6
Epact	12	Julian Period	6606
Lunar Cycle (Golden No.)	13	Dionysian Period	222
Solar Cycle	26	Jewish Lunar Cycle	10

HEAVY-FACE Figures in the Almanac pages indicate time from **6** P. M. to **6** A. M.

COLUMBUS BEFORE THE COURT OF SPAIN.

JANUARY 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Full Moon .... 2 D.	8 H. 41 M. mo.	7 H. 41 M. mo.
Last Quarter .. 9 D.	5 H. 28 M. ev.	4 H. 28 M. ev.
New Moon .... 17 D.	8 H. 28 M. ev.	7 H. 28 M. ev.
First Quarter.. 25 D.	1 H. 27 M. mo.	0 H. 27 M. mo.
Full Moon .... 31 D.	9 H. 11 M. ev.	8 H. 11 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon sets.	H. W. N.Y.			Sun rises.	Sun sets.	Moon sets.	H. W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
7 25	4 43	6 35	7 8	1	S.	7 30	4 38	6 42	10 8
7 25	4 44	rises.	8 3	2	M.	7 30	4 39	rises.	11 9
7 25	4 45	6 4	9 0	3	T.	7 30	4 40	5 58	ev. 2
7 25	4 46	7 16	9 51	4	W.	7 30	4 41	7 11	53
7 25	4 47	8 25	10 35	5	Th.	7 30	4 42	8 22	1 42
7 25	4 48	9 30	11 19	6	F.	7 29	4 43	9 28	2 26
7 25	4 49	10 32	ev. 3	7	S.	7 29	4 44	10 31	3 7
7 24	4 50	11 33	46	8	S.	7 29	4 45	11 34	3 48
7 24	4 51	morn	1 32	9	M.	7 29	4 46	morn	4 34
7 24	4 52	33	2 16	10	T.	7 29	4 47	34	5 19
7 24	4 53	1 34	3 6	11	W.	7 29	4 48	1 37	6 9
7 23	4 54	2 34	3 58	12	Th.	7 28	4 50	2 39	7 2
7 23	4 55	3 38	4 51	13	F.	7 28	4 51	3 42	7 56
7 23	4 56	4 40	5 46	14	S.	7 28	4 52	4 46	8 50
7 22	4 57	5 39	6 39	15	S.	7 27	4 53	5 46	9 42
7 22	4 59	6 39	7 30	16	M.	7 27	4 54	6 46	10 35
7 21	5 0	7 24	8 13	17	T.	7 26	4 55	7 31	11 20
7 21	5 1	sets.	9 2	18	W.	7 26	4 56	sets.	morn
7 21	5 2	6 49	9 45	19	Th.	7 25	4 58	6 45	4
7 20	5 3	7 59	10 26	20	F.	7 24	4 59	7 57	47
7 19	5 4	9 8	11 7	21	S.	7 24	5 0	9 7	1 30
7 18	5 5	10 16	11 51	22	S.	7 23	5 1	10 16	2 13
7 17	5 7	11 27	morn	23	M.	7 22	5 3	11 29	2 55
7 17	5 8	morn	38	24	T.	7 22	5 4	morn	3 41
7 16	5 9	37	1 32	25	W.	7 21	5 5	40	4 34
7 16	5 10	1 50	2 30	26	Th.	7 20	5 6	1 56	5 33
7 15	5 11	3 6	3 38	27	F.	7 19	5 8	3 11	6 42
7 14	5 13	4 17	4 47	28	S.	7 18	5 9	4 24	7 52
7 13	5 14	5 25	5 57	29	S.	7 17	5 10	5 32	9 3
7 12	5 15	6 25	7 0	30	M.	7 16	5 12	6 31	10 3
7 12	5 16	rises.	7 52	31	T.	7 15	5 13	rises.	10 59

COLUMBUS DISCOVERS AMERICA, 1492.

FEBRUARY 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 8 D.	3 H. 11 M. ev.	2 H. 11 M. ev.
New Moon .... 16 D.	11 H. 16 M. mo.	10 H. 16 M. mo.
First Quarter.. 23 D.	9 H. 14 M. mo.	8 H. 14 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
7 11	5 18	**6 3**	8 41	1	W.	7 14	5 14	5 51	11 46
7 10	5 19	**7 11**	9 27	2	Th.	7 13	5 15	**7 9**	ev. 29
7 9	5 20	**8 17**	10 8	3	F.	7 12	5 16	**8 15**	1 10
7 7	5 21	**9 19**	10 43	4	S.	7 11	5 18	**9 19**	1 50
7 6	5 22	**10 20**	11 20	5	**S.**	7 10	5 19	**10 22**	2 27
7 5	5 23	**11 21**	ev. 1	6	M.	7 9	5 21	**11 24**	3 5
7 4	5 25	morn	43	7	T.	7 8	5 22	morn	3 45
7 3	5 26	**22**	1 28	8	W.	7 6	5 23	**26**	4 30
7 2	5 27	**1 25**	2 16	9	Th.	7 5	5 24	**1 29**	5 22
7 1	5 28	**2 28**	3 19	10	F.	7 4	5 25	**2 34**	**6 22**
7 0	5 30	**3 24**	4 18	11	S.	7 2	5 26	**3 31**	**7 22**
6 58	5 31	**4 24**	5 18	12	**S.**	7 1	5 28	**4 31**	**8 20**
6 57	5 32	**5 16**	**6 17**	13	M.	7 0	5 29	**5 23**	**9 20**
6 56	5 34	6 4	**7 8**	14	T.	6 59	5 30	6 10	**10 12**
6 55	5 35	6 43	**7 54**	15	W.	6 57	5 32	6 48	**11 1**
6 53	5 36	sets.	**8 37**	16	Th.	6 56	5 33	sets.	**11 42**
6 52	5 37	**6 56**	**9 20**	17	F.	6 54	5 35	**6 54**	morn
6 51	5 39	**8 7**	**10 2**	18	S.	6 53	5 36	**8 6**	**22**
6 49	5 40	**9 17**	**10 40**	19	**S.**	6 52	5 38	**9 18**	**1 4**
6 48	5 41	**10 28**	**11 23**	20	M.	6 50	5 39	**10 31**	**1 48**
6 46	5 43	**11 42**	morn	21	T.	6 48	5 40	**11 46**	**2 30**
6 45	5 44	morn	**14**	22	W.	6 47	5 42	morn	**3 17**
6 44	5 45	**56**	**1 11**	23	Th.	6 45	5 43	**1 1**	**4 13**
6 42	5 46	**2 10**	**2 16**	24	F.	6 44	5 45	**2 16**	**5 19**
6 41	5 48	**3 16**	**3 28**	25	S.	6 42	5 46	**3 23**	6 31
6 39	5 49	**4 18**	**4 41**	26	**S.**	6 41	5 47	**4 25**	7 45
6 38	5 50	**5 10**	**5 49**	27	M.	6 39	5 49	**5 16**	8 53
6 37	5 51	**5 51**	6 47	28	T.	6 38	5 50	**5 56**	9 50
.....	.....	.....	.....	...	....	.....	.....	.....	.....

LANDING OF THE PILGRIMS, 1620.

MARCH 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Full Moon .... 2 D.	11 H. 3 M. mo.	10 H. 3 M. mo.
Last Quarter .. 10 D.	0 H. 13 M. ev.	11 H. 13 M. mo.
New Moon .... 17 D.	11 H. 33 M. ev.	10 H. 33 M. ev.
First Quarter.. 24 D.	4 H. 33 M. ev.	3 H. 33 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon sets.	H.W. N.Y.			Sun rises.	Sun sets.	Moon sets.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
6 35	5 53	6 24	7 36	1	W.	6 36	5 51	6 27	10 40
6 34	5 53	rises.	8 14	2	Th.	6 35	5 52	rises.	11 21
6 32	5 54	7 4	8 55	3	F.	6 33	5 53	7 4	11 57
6 30	5 55	8 5	9 31	4	S.	6 31	5 54	8 6	ev. 33
6 29	5 56	9 7	10 9	5	S.	6 30	5 55	9 9	1 11
6 27	5 57	10 9	10 41	6	M.	6 28	5 56	10 12	1 48
6 25	5 58	11 11	11 18	7	T.	6 26	5 57	11 16	2 25
6 24	5 59	morn	ev. 2	8	W.	6 25	5 58	morn	3 6
6 22	6 0	14	50	9	Th.	6 23	5 59	21	3 52
6 20	6 1	1 15	1 44	10	F.	6 21	6 0	1 22	4 46
6 19	6 2	2 13	2 45	11	S.	6 20	6 2	2 20	5 48
6 17	6 3	3 8	3 47	12	S.	6 18	6 3	3 15	6 51
6 16	6 4	3 55	4 51	13	M.	6 16	6 4	4 2	7 56
6 14	6 5	4 37	5 50	14	T.	6 14	6 5	4 42	8 53
6 12	6 6	5 11	6 42	15	W.	6 13	6 6	5 15	9 45
6 11	6 8	5 39	7 28	16	Th.	6 11	6 7	5 42	10 33
6 9	6 9	6 6	8 9	17	F.	6 9	6 9	6 8	11 18
6 7	6 10	sets.	8 52	18	S.	6 7	6 10	sets.	11 52
6 6	6 11	8 12	9 34	19	S.	6 6	6 11	8 14	morn
6 4	6 12	9 28	10 18	20	M.	6 4	6 12	9 31	36
6 2	6 13	10 43	11 3	21	T.	6 2	6 13	10 47	1 21
6 1	6 14	12 0	11 59	22	W.	6 0	6 14	morn	2 9
5 59	6 15	morn	morn	23	Th.	5 59	6 15	6	3 3
5 58	6 16	1 10	1 3	24	F.	5 57	6 16	1 17	4 5
5 56	6 17	2 14	2 12	25	S.	5 55	6 17	2 21	5 15
5 54	6 18	3 8	3 25	26	S.	5 53	6 18	3 14	6 28
5 52	6 19	3 51	4 33	27	M.	5 52	6 19	3 57	7 37
5 51	6 20	4 27	5 33	28	T.	5 50	6 20	4 31	8 37
5 49	6 21	4 55	6 25	29	W.	5 48	6 21	4 58	9 28
5 47	6 22	5 20	7 7	30	Th.	5 46	6 22	5 21	10 12
5 45	6 23	rises.	7 47	31	F.	5 44	6 23	rises.	10 51

INDIAN BORDER WARS, 1795.

APRIL 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Full Moon .... 1 D.	2 H. 17 M. mo.	1 H. 17 M. mo.
Last Quarter .. 9 D.	6 H. 35 M. mo.	5 H. 35 M. mo.
New Moon .... 16 D.	9 H. 34 M. mo.	8 H. 34 M. mo.
First Quarter.. 23 D.	0 H. 26 M. mo.	11 H. 26 M. (22)
Full Moon .... 30 D.	6 H. 23 M. ev.	5 H. 23 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
5 44	6 24	6 56	8 18	1	S.	5 43	6 25	6 57	11 26
5 42	6 26	7 58	8 56	2	S.	5 41	6 27	8 1	11 58
5 41	6 27	9 0	9 32	3	M.	5 40	6 28	9 4	ev. 34
5 39	6 28	10 2	10 8	4	T.	5 38	6 29	10 7	1 11
5 37	6 29	11 5	10 45	5	W.	5 36	6 30	11 11	1 52
5 36	6 30	morn	11 30	6	Th.	5 35	6 31	morn	2 35
5 34	6 31	4	ev. 21	7	F.	5 33	6 32	11	3 24
5 33	6 32	59	1 17	8	S.	5 31	6 33	1 6	4 19
5 31	6 33	1 48	2 15	9	S.	5 30	6 34	1 55	5 18
5 30	6 34	2 34	3 19	10	M.	5 28	6 36	2 40	6 22
5 28	6 35	3 8	4 19	11	T.	5 26	6 37	3 13	7 23
5 26	6 36	3 38	5 17	12	W.	5 25	6 38	3 42	8 19
5 25	6 37	4 5	6 9	13	Th.	5 23	6 39	4 8	9 12
5 24	6 38	4 30	6 56	14	F.	5 21	6 40	4 31	9 59
5 22	6 39	4 55	7 40	15	S.	5 20	6 41	4 54	10 44
5 20	6 40	sets.	8 21	16	S.	5 18	6 42	sets.	11 29
5 19	6 41	8 21	9 11	17	M.	5 16	6 43	8 25	morn
5 17	6 42	9 40	10 0	18	T.	5 15	6 45	9 46	12
5 16	6 43	10 56	10 52	19	W.	5 13	6 46	11 2	1 2
5 14	6 44	morn	11 53	20	Th.	5 12	6 47	morn	1 59
5 13	6 45	6	morn	21	F.	5 10	6 48	13	2 57
5 11	6 46	1 4	59	22	S.	5 9	6 49	1 11	4 1
5 10	6 47	1 53	2 6	23	S.	5 7	6 50	1 59	5 9
5 8	6 48	2 30	3 9	24	M.	5 6	6 51	2 35	6 12
5 7	6 49	3 1	4 8	25	T.	5 4	6 52	3 4	7 12
5 6	6 50	3 25	5 4	26	W.	5 3	6 53	3 27	8 8
5 4	6 51	3 46	5 50	27	Th.	5 1	6 55	3 47	8 54
5 3	6 52	4 7	6 33	28	F.	5 0	6 56	4 7	9 36
5 2	6 53	4 27	7 10	29	S.	4 58	6 57	4 26	10 14
5 0	6 55	rises.	7 44	30	S.	4 57	6 58	rises.	10 51

THE TELEGRAPH, 1837.

MAY 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 8 D.	9 H. 24 M. ev.	8 H. 24 M. ev.
New Moon .... 15 D.	5 H. 46 M. ev.	4 H. 46 M. ev.
First Quarter.. 22 D.	9 H. 52 M. mo.	8 H. 52 M. mo.
Full Moon .... 30 D.	10 H. 22 M. mo.	9 H. 22 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
4 59	6 56	7 52	8 21	1	M.	4 56	7 0	7 56	11 29
4 58	6 57	8 56	9 2	2	T.	4 54	7 1	9 2	ev. 4
4 56	6 58	9 54	9 42	3	W.	4 53	7 2	10 1	44
4 55	6 59	10 52	10 23	4	Th.	4 52	7 3	10 59	1 27
4 54	7 0	11 44	11 8	5	F.	4 51	7 4	11 51	2 14
4 53	7 1	morn	11 58	6	S.	4 49	7 5	morn	3 2
4 52	7 2	27	ev. 51	7	S.	4 48	7 6	34	3 53
4 51	7 3	1 7	1 46	8	M.	4 47	7 7	1 12	4 44
4 49	7 4	1 39	2 45	9	T.	4 46	7 8	1 44	5 48
4 48	7 5	2 5	3 41	10	W.	4 44	7 9	2 8	6 41
4 47	7 6	2 29	4 35	11	Th.	4 43	7 10	2 30	7 39
4 46	7 7	2 53	5 29	12	F.	4 42	7 11	2 53	8 33
4 45	7 8	3 18	6 21	13	S.	4 41	7 12	3 17	9 24
4 44	7 9	3 46	7 11	14	S.	4 40	7 13	3 44	10 15
4 43	7 10	4 18	7 58	15	M.	4 39	7 14	4 14	11 4
4 42	7 11	sets.	8 53	16	T.	4 38	7 15	sets.	11 55
4 41	7 12	9 45	9 51	17	W.	4 37	7 16	9 52	morn
4 40	7 13	10 51	10 44	18	Th.	4 36	7 17	10 58	53
4 39	7 14	11 48	11 45	19	F.	4 35	7 18	11 54	1 51
4 39	7 15	morn	morn	20	S.	4 34	7 19	morn	2 49
4 38	7 16	29	44	21	S.	4 33	7 20	34	3 46
4 37	7 17	1 2	1 42	22	M.	4 32	7 21	1 5	4 44
4 36	7 18	1 29	2 37	23	T.	4 31	7 22	1 32	5 40
4 36	7 19	1 50	3 30	24	W.	4 31	7 23	1 51	6 38
4 35	7 20	2 14	4 21	25	Th.	4 30	7 24	2 14	7 25
4 34	7 20	2 33	5 8	26	F.	4 29	7 25	2 32	8 12
4 34	7 21	2 54	5 53	27	S.	4 29	7 26	2 52	8 56
4 33	7 22	3 17	6 35	28	S.	4 28	7 27	3 13	9 38
4 32	7 23	3 43	7 16	29	M.	4 27	7 28	3 38	10 20
4 32	7 23	rises.	7 53	30	T.	4 27	7 28	rises.	11 2
4 31	7 24	8 49	8 37	31	W.	4 26	7 29	8 56	11 42

DISCOVERY OF GOLD IN CALIFORNIA, 1847.

JUNE 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 7 D.	8 H. 43 M. mo.	7 H. 43 M. mo.
New Moon .... 14 D.	0 H. 51 M. mo.	11 H. 51 M. (13.)
First Quarter.. 20 D.	9 H. 37 M. ev.	8 H. 37 M. ev.
Full Moon .... 29 D.	1 H. 25 M. mo.	0 H. 25 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
4 31	7 24	9 40	9 22	1	Th.	4 25	7 30	9 47	ev. 24
4 30	7 25	10 29	10 8	2	F.	4 25	7 30	10 33	1 10
4 30	7 26	11 7	10 49	3	S.	4 25	7 31	11 13	1 56
4 30	7 26	11 39	11 36	4	S.	4 24	7 32	11 44	2 41
4 29	7 27	morn	ev. 24	5	M.	4 24	7 32	morn	3 27
4 29	7 28	7	1 15	6	T.	4 24	7 33	11	4 17
4 29	7 28	31	2 6	7	W.	4 23	7 33	33	5 9
4 29	7 29	54	3 0	8	Th.	4 23	7 34	55	6 3
4 28	7 30	1 18	3 56	9	F.	4 23	7 35	1 17	7 0
4 28	7 30	1 44	4 52	10	S.	4 23	7 36	1 42	7 57
4 28	7 31	2 13	5 51	11	S.	4 22	7 36	2 10	8 55
4 28	7 31	2 47	6 51	12	M.	4 22	7 37	2 43	9 53
4 28	7 32	3 34	7 45	13	T.	4 22	7 37	3 28	10 52
4 28	7 32	sets.	8 45	14	W.	4 22	7 38	sets.	11 50
4 28	7 32	9 33	9 42	15	Th.	4 22	7 38	9 39	morn
4 28	7 33	10 23	10 34	16	F.	4 22	7 38	10 29	44
4 28	7 33	11 1	11 26	17	S.	4 22	7 39	11 5	1 41
4 28	7 33	11 29	morn	18	S.	4 22	7 39	11 32	2 31
4 28	7 34	11 55	17	19	M.	4 22	7 39	11 57	3 22
4 29	7 34	morn	1 7	20	T.	4 23	7 40	morn	4 9
4 29	7 34	17	1 54	21	W.	4 23	7 40	17	4 57
4 29	7 34	39	2 45	22	Th.	4 23	7 40	38	5 48
4 29	7 34	58	3 31	23	F.	4 23	7 40	56	6 34
4 29	7 34	1 22	4 22	24	S.	4 23	7 40	1 18	7 26
4 30	7 35	1 46	5 12	25	S.	4 24	7 41	1 41	8 16
4 30	7 35	2 15	6 2	26	M.	4 24	7 41	2 9	9 4
4 30	7 35	2 52	6 50	27	T.	4 24	7 41	2 46	9 52
4 31	7 35	rises.	7 36	28	W.	4 25	7 40	rises.	10 40
4 31	7 35	8 24	8 17	29	Th.	4 25	7 40	8 31	11 25
4 32	7 35	9 8	9 5	30	F.	4 26	7 40	9 14	ev. 6

DECLARATION OF INDEPENDENCE, 1776.

JULY 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 6 D.	5 H. 5 M. ev.	4 H. 5 M. ev.
New Moon .... 13 D.	7 H. 47 M. mo.	6 H. 47 M. mo.
First Quarter.. 20 D.	0 H. 2 M. ev.	11 H. 2 M. mo.
Full Moon .... 28 D.	3 H. 10 M. ev.	2 H. 10 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H. W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H. W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
4 32	7 35	9 41	9 49	1	S.	4 26	7 40	9 46	51
4 32	7 35	10 10	10 30	2	S.	4 26	7 40	10 14	1 34
4 33	7 34	10 35	11 11	3	M.	4 27	7 40	10 37	2 17
4 33	7 34	10 57	11 54	4	T.	4 28	7 40	10 59	2 58
4 34	7 34	11 20	ev. 38	5	W.	4 29	7 39	11 20	3 41
4 35	7 34	11 45	1 27	6	Th.	4 29	7 39	11 43	4 29
4 35	7 33	morn	2 20	7	F.	4 30	7 39	morn	5 23
4 36	7 33	11	3 22	8	S.	4 30	7 38	8	6 24
4 37	7 33	42	4 24	9	S.	4 31	7 38	38	7 28
4 37	7 32	1 21	5 33	10	M.	4 32	7 38	1 16	8 37
4 38	7 32	2 14	6 40	11	T.	4 33	7 37	2 8	9 42
4 39	7 31	3 16	7 42	12	W.	4 33	7 37	3 9	10 46
4 39	7 31	sets.	8 36	13	Th.	4 34	7 36	sets.	11 41
4 40	7 30	8 57	9 30	14	F.	4 35	7 36	8 59	morn
4 41	7 30	9 27	10 16	15	S.	4 36	7 35	9 31	32
4 42	7 29	9 56	10 58	16	S.	4 37	7 34	9 58	1 19
4 43	7 29	10 20	11 41	17	M.	4 37	7 34	10 21	2 5
4 44	7 28	10 41	morn	18	T.	4 38	7 33	10 41	2 45
4 44	7 27	11 3	24	19	W.	4 39	7 32	11 1	3 27
4 45	7 26	11 22	1 16	20	Th.	4 40	7 31	11 19	4 11
4 46	7 26	11 46	2 7	21	F.	4 41	7 30	11 44	4 58
4 47	7 25	morn	2 58	22	S.	4 42	7 30	morn	5 49
4 48	7 24	16	3 48	23	S.	4 43	7 29	10	6 44
4 48	7 23	49	4 43	24	M.	4 44	7 28	43	7 39
4 49	7 23	1 34	5 37	25	T.	4 45	7 27	1 27	8 36
4 50	7 22	2 22	6 23	26	W.	4 46	7 26	2 15	9 30
4 51	7 21	3 19	7 16	27	Th.	4 47	7 25	3 13	10 20
4 52	7 20	rises.	7 59	28	F.	4 48	7 24	rises.	11 5
4 53	7 19	8 14	8 44	29	S.	4 49	7 23	8 18	11 49
4 54	7 18	8 50	9 27	30	S.	4 50	7 22	8 43	ev. 29
4 55	7 17	9 2	10 7	31	M.	4 51	7 21	9 4	1 9

END OF THE CIVIL WAR, 1865.

AUGUST 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 4 D.	11 H. 23 M. ev.	10 H. 23 M. ev.
New Moon .... 11 D.	3 H. 47 M. ev.	2 H. 47 M. ev.
First Quarter.. 19 D.	4 H. 52 M. mo.	3 H. 52 M. mo.
Full Moon .... 27 D.	3 H. 43 M. mo.	2 H. 43 M. mo.

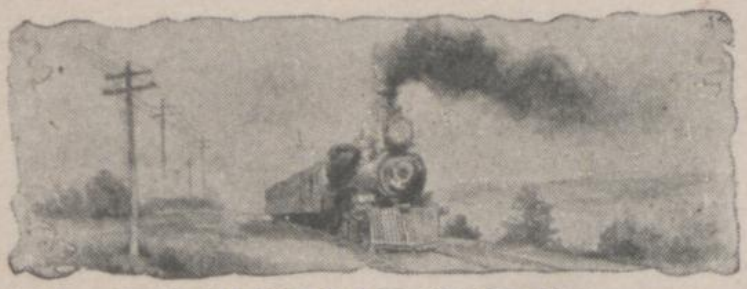
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
4 56	7 16	9 25	10 42	1	T.	4 52	7 20	9 26	1 49
4 57	7 14	9 48	11 22	2	W.	4 53	7 18	9 46	2 29
4 58	7 13	10 14	ev. 7	3	Th.	4 54	7 17	10 11	3 11
4 59	7 12	10 42	56	4	F.	4 55	7 16	10 38	3 58
5 0	7 11	11 18	1 53	5	S.	4 56	7 15	11 15	4 56
5 1	7 10	morn	3 1	6	S.	4 57	7 14	11 57	6 4
5 2	7 9	4	4 14	7	M.	4 58	7 12	morn	7 18
5 3	7 7	59	5 27	8	T.	4 59	7 11	52	8 31
5 4	7 6	2 5	6 34	9	W.	5 0	7 10	1 58	9 37
5 5	7 5	3 16	7 32	10	Th.	5 1	7 8	3 10	10 37
5 6	7 4	sets.	8 18	11	F.	5 2	7 7	sets.	11 26
5 7	7 2	7 54	9 6	12	S.	5 3	7 6	7 57	morn
5 8	7 1	8 19	9 47	13	S.	5 4	7 4	8 21	7
5 9	7 0	8 41	10 24	14	M.	5 5	7 3	8 41	49
5 10	6 58	9 4	11 1	15	T.	5 6	7 1	9 2	1 28
5 11	6 57	9 26	11 42	16	W.	5 7	7 0	9 23	2 7
5 12	6 55	9 49	morn	17	Th.	5 8	6 58	9 46	2 46
5 13	6 54	10 16	25	18	F.	5 10	6 57	10 12	3 28
5 14	6 53	10 47	1 16	19	S.	5 11	6 55	10 41	4 14
5 15	6 51	11 27	2 4	20	S.	5 12	6 54	11 20	5 9
5 16	6 50	morn	3 4	21	M.	5 13	6 52	morn	6 7
5 17	6 48	13	4 4	22	T.	5 14	6 51	6	7 8
5 17	6 47	1 8	5 6	23	W.	5 15	6 49	1 1	8 10
5 18	6 45	2 6	6 2	24	Th.	5 16	6 48	2 0	9 5
5 19	6 44	3 12	6 53	25	F.	5 17	6 46	3 6	9 56
5 20	6 42	4 21	7 39	26	S.	5 18	6 44	4 16	10 43
5 21	6 41	rises.	8 16	27	S.	5 19	6 43	rises.	11 23
5 22	6 39	7 29	8 58	28	M.	5 20	6 41	7 30	12 0
5 23	6 37	7 53	9 37	29	T.	5 21	6 39	7 52	ev. 39
5 24	6 36	8 17	10 16	30	W.	5 22	6 38	8 15	1 19
5 25	6 34	8 45	10 55	31	Th.	5 23	6 36	8 41	2 0

ACROSS THE CONTINENT, 1869.

SEPTEMBER 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 3 D.	4 H. 41 M. mo.	3 H. 41 M. mo.
New Moon .... 10 D.	2 H. 5 M. mo.	1 H. 5 M. mo.
First Quarter.. 17 D.	11 H. 19 M. ev.	10 H. 19 M. ev.
Full Moon .... 25 D.	3 H. 23 M. ev.	2 H. 23 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H.W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
5 26	6 33	9 18	11 43	1	F.	5 24	6 35	9 16	2 47
5 27	6 31	9 58	ev. 37	2	S.	5 26	6 33	9 52	3 40
5 28	6 29	10 51	1 43	3	S.	5 27	6 31	10 44	4 44
5 29	6 28	11 52	2 53	4	M.	5 28	6 29	11 45	5 56
5 30	6 26	morn	4 12	5	T.	5 29	6 28	morn	7 16
5 31	6 25	1 1	5 22	6	W.	5 30	6 26	54	8 20
5 32	6 23	2 13	6 23	7	Th.	5 31	6 24	2 7	9 26
5 33	6 21	3 25	7 13	8	F.	5 32	6 22	3 21	10 17
5 34	6 20	4 37	7 55	9	S.	5 33	6 21	4 35	11 2
5 35	6 18	sets.	8 35	10	S.	5 34	6 19	sets.	11 40
5 36	6 16	7 6	9 15	11	M.	5 35	6 17	7 5	morn
5 37	6 15	7 28	9 51	12	T.	5 36	6 15	7 26	16
5 38	6 13	7 50	10 26	13	W.	5 37	6 14	7 47	53
5 39	6 11	8 14	11 4	14	Th.	5 38	6 12	8 9	1 30
5 40	6 9	8 44	11 48	15	F.	5 39	6 10	8 38	2 10
5 41	6 8	9 22	morn	16	S.	5 40	6 8	9 16	2 52
5 42	6 6	10 5	37	17	S.	5 41	6 7	9 58	3 41
5 43	6 4	10 55	1 33	18	M.	5 43	6 5	10 48	4 35
5 44	6 3	11 53	2 31	19	T.	5 44	6 3	11 47	5 34
5 45	6 1	morn	3 32	20	W.	5 45	6 1	morn	6 35
5 46	5 59	56	4 35	21	Th.	5 46	6 0	50	7 39
5 47	5 58	2 2	5 32	22	F.	5 47	5 58	1 57	8 36
5 48	5 56	3 9	6 23	23	S.	5 48	5 56	3 6	9 26
5 49	5 55	4 18	7 4	24	S.	5 49	5 54	4 16	10 10
5 50	5 53	rises.	7 45	25	M.	5 50	5 53	rises.	10 52
5 51	5 52	6 18	8 26	26	T.	5 51	5 51	6 17	11 31
5 52	5 50	6 47	9 9	27	W.	5 52	5 49	6 44	ev. 10
5 53	5 48	7 18	9 53	28	Th.	5 53	5 47	7 14	55
5 54	5 46	7 56	10 36	29	F.	5 54	5 46	7 50	1 43
5 54	5 44	8 37	11 29	30	S.	5 56	5 44	8 30	2 34



RAILROAD PROGRESS, 1870.

OCTOBER 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
Last Quarter .. 2 D.	10 H. 19 M. mo.	9 H. 19 M. mo.
New Moon .... 9 D.	3 H. 27 M. ev.	2 H. 27 M. ev.
First Quarter.. 17 D.	6 H. 20 M. ev.	5 H. 20 M. ev.
Full Moon .... 25 D.	2 H. 28 M. mo.	1 H. 28 M. mo.
Last Quarter .. 31 D.	5 H. 42 M. ev.	4 H. 42 M. ev.

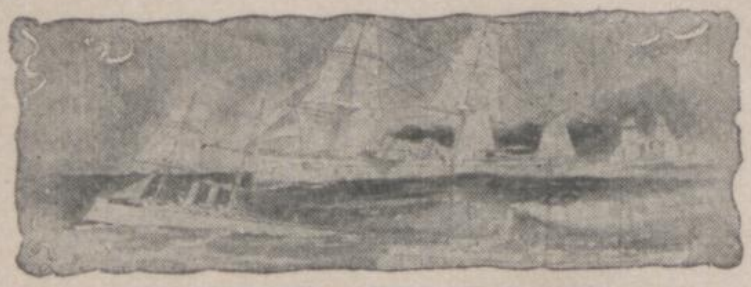
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H. W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
5 56	5 43	9 44	ev. 31	1	S.	5 57	5 42	9 38	3 34
5 57	5 41	10 52	1 40	2	M.	5 58	5 40	10 45	4 42
5 58	5 39	morn	2 52	3	T.	5 59	5 39	11 55	5 55
5 59	5 38	1	4 2	4	W.	6 0	5 37	morn	7 6
6 0	5 36	1 13	5 6	5	Th.	6 1	5 35	1 9	8 10
6 1	5 35	2 24	5 59	6	F.	6 2	5 33	2 20	9 2
6 2	5 33	3 31	6 45	7	S.	6 3	5 32	3 29	9 48
6 3	5 31	4 37	7 26	8	S.	6 4	5 30	4 36	10 31
6 4	5 30	5 40	8 0	9	M.	6 6	5 28	5 41	11 6
6 5	5 28	sets.	8 42	10	T.	6 7	5 27	sets.	11 43
6 7	5 27	6 16	9 16	11	W.	6 8	5 25	6 12	morn
6 8	5 25	6 43	9 55	12	Th.	6 9	5 23	6 38	18
6 9	5 23	7 16	10 34	13	F.	6 10	5 22	7 10	57
6 10	5 22	7 59	11 19	14	S.	6 11	5 20	7 52	1 41
6 11	5 20	8 45	morn	15	S.	6 13	5 19	8 39	2 26
6 12	5 19	9 41	10	16	M.	6 14	5 17	9 34	3 14
6 13	5 17	10 39	1 4	17	T.	6 15	5 15	10 33	4 6
6 14	5 16	11 44	1 59	18	W.	6 16	5 14	11 39	5 2
6 15	5 14	morn	3 1	19	Th.	6 17	5 12	morn	6 4
6 16	5 13	50	3 58	20	F.	6 18	5 11	46	7 2
6 18	5 12	1 57	4 51	21	S.	6 20	5 9	1 55	7 56
6 19	5 10	3 7	5 43	22	S.	6 21	5 8	3 5	8 47
6 20	5 9	4 15	6 31	23	M.	6 22	5 6	4 15	9 34
6 21	5 7	5 26	7 15	24	T.	6 23	5 5	5 28	10 19
6 22	5 6	rises.	7 58	25	W.	6 24	5 3	rises.	11 5
6 23	5 4	5 53	8 45	26	Th.	6 26	5 2	5 48	11 50
6 24	5 3	6 39	9 35	27	F.	6 27	5 1	6 33	ev. 37
6 26	5 2	7 35	10 28	28	S.	6 28	4 59	7 29	1 32
6 27	5 1	8 41	11 25	29	S.	6 29	4 57	8 34	2 33
6 28	4 59	9 52	ev. 29	30	M.	6 31	4 57	9 46	3 32
6 29	4 58	11 4	1 36	31	T.	6 32	4 55	11 0	4 38

ELECTRICITY, 1879.

NOVEMBER 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 8 D.	7 H. 57 M. mo.	6 H. 57 M. mo.
First Quarter..16 D.	0 H. 44 M. mo.	11 H. 44 M. (15.)
Full Moon ....23 D.	1 H. 8 M. ev.	0 H. 8 M. ev.
Last Quarter ..30 D.	4 H. 8 M. mo.	3 H. 8 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H. W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
6 30	4 57	morn	2 38	1	W.	6 33	4 54	morn	5 41
6 31	4 56	13	3 40	2	Th.	6 34	4 53	10	6 44
6 32	4 54	1 23	4 34	3	F.	6 36	4 51	1 21	7 18
6 34	4 53	2 29	5 25	4	S.	6 37	4 50	2 28	8 29
6 35	4 52	3 32	6 10	5	S.	6 38	4 49	3 33	9 13
6 36	4 51	4 34	6 56	6	M.	6 39	4 48	4 36	9 54
6 37	4 50	5 39	7 31	7	T.	6 41	4 47	5 42	10 36
6 38	4 49	6 42	8 7	8	W.	6 42	4 45	6 46	11 13
6 40	4 48	sets.	8 59	9	Th.	6 43	4 44	sets.	11 54
6 41	4 47	5 55	9 30	10	F.	6 44	4 43	5 49	morn
6 42	4 46	6 40	10 14	11	S.	6 46	4 42	6 33	32
6 43	4 45	7 32	10 57	12	S.	6 47	4 41	7 25	1 17
6 44	4 44	8 30	11 45	13	M.	6 48	4 40	8 24	2 4
6 46	4 43	9 31	morn	14	T.	6 49	4 39	9 25	2 49
6 47	4 42	10 35	35	15	W.	6 51	4 39	10 31	3 38
6 48	4 41	11 40	1 26	16	Th.	6 52	4 38	11 37	4 27
6 49	4 40	morn	2 18	17	F.	6 53	4 37	morn	5 21
6 50	4 39	45	3 11	18	S.	6 54	4 36	43	6 14
6 51	4 39	1 53	4 5	19	S.	6 56	4 35	1 52	7 9
6 53	4 38	2 59	4 57	20	M.	6 57	4 34	3 0	8 12
6 54	4 38	4 12	5 51	21	T.	6 58	4 34	4 15	9 5
6 55	4 37	5 27	6 44	22	W.	6 59	4 33	5 30	9 46
6 56	4 36	rises.	7 36	23	Th.	7 0	4 32	rises.	10 40
6 57	4 36	5 23	8 27	24	F.	7 2	4 32	5 16	11 32
6 58	4 35	6 25	9 26	25	S.	7 3	4 31	6 18	ev. 29
6 59	4 35	7 37	10 22	26	S.	7 4	4 31	7 31	1 26
7 0	4 35	8 51	11 19	27	M.	7 5	4 30	8 46	2 27
7 2	4 34	10 5	ev. 18	28	T.	7 6	4 30	10 1	3 21
7 3	4 34	11 16	1 15	29	W.	7 7	4 30	11 13	4 17
7 4	4 34	morn	2 10	30	Th.	7 8	4 29	morn	5 13

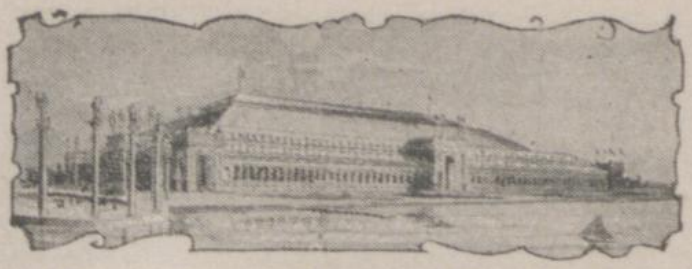


NEW NAVY, 1885.

DECEMBER 1893

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 8 D.	2 H. 40 M. mo.	1 H. 40 M. mo.
First Quarter..16 D.	5 H. 23 M. mo.	4 H. 23 M. mo.
Full Moon ....22 D.	11 H. 36 M. ev.	10 H. 36 M. ev.
Last Quarter ..29 D.	6 H. 17 M. ev.	5 H. 17 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises.	Sun sets.	Moon rises.	H. W. N.Y.			Sun rises.	Sun sets.	Moon rises.	H.W. Bost.
M. t.	M. t.	M. t.	M. t.			M. t.	M. t.	M. t.	M. t.
7 5	4 34	21	3 3	1	F.	7 10	4 29	20	6 6
7 6	4 33	1 26	3 55	2	S.	7 11	4 29	1 26	6 56
7 7	4 33	2 27	4 41	3	S.	7 12	4 28	2 29	7 45
7 8	4 33	3 30	5 30	4	M.	7 13	4 28	3 33	8 34
7 9	4 32	4 33	6 17	5	T.	7 14	4 28	4 36	9 20
7 10	4 32	5 39	7 2	6	W.	7 15	4 28	5 43	10 5
7 11	4 32	6 41	7 46	7	Th.	7 16	4 28	6 47	10 50
7 12	4 32	sets.	8 25	8	F.	7 17	4 28	sets.	11 30
7 13	4 32	5 26	9 12	9	S.	7 17	4 28	5 19	morn
7 14	4 32	6 23	9 56	10	S.	7 18	4 28	6 17	13
7 15	4 32	7 21	10 35	11	M.	7 19	4 28	7 15	58
7 15	4 32	8 26	11 18	12	T.	7 20	4 28	8 22	1 42
7 16	4 33	9 30	morn	13	W.	7 21	4 28	9 26	2 25
7 16	4 33	10 33	4	14	Th.	7 22	4 28	10 31	3 8
7 17	4 33	11 38	49	15	F.	7 22	4 29	11 36	3 51
7 18	4 33	morn	1 37	16	S.	7 23	4 29	morn	4 39
7 18	4 33	42	2 27	17	S.	7 24	4 29	42	5 30
7 19	4 34	1 49	3 20	18	M.	7 24	4 29	1 51	6 23
7 20	4 34	3 8	4 17	19	T.	7 25	4 30	3 11	7 21
7 20	4 35	4 16	5 17	20	W.	7 26	4 30	4 20	8 21
7 21	4 35	5 38	6 20	21	Th.	7 26	4 31	5 44	9 23
7 21	4 36	rises.	7 20	22	F.	7 26	4 31	rises.	10 25
7 22	4 37	5 13	8 16	23	S.	7 27	4 32	5 6	11 24
7 22	4 37	6 27	9 17	24	S.	7 27	4 32	6 21	ev. 19
7 23	4 38	7 45	10 13	25	M.	7 28	4 33	7 41	1 16
7 23	4 39	8 59	11 2	26	T.	7 28	4 33	8 55	2 8
7 23	4 39	10 10	11 51	27	W.	7 28	4 34	10 8	2 56
7 23	4 40	11 17	ev. 40	28	Th.	7 29	4 35	11 16	3 43
7 24	4 40	morn	1 28	29	F.	7 29	4 36	morn	4 30
7 24	4 41	18	2 17	30	S.	7 29	4 37	19	5 20
7 24	4 42	1 24	3 8	31	S.	7 30	4 37	1 26	6 11



Manufactures and Liberal Arts Building,
Columbian Exposition.

INTEREST TABLES.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO..	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR..	4	8	12	16	20	24	28	32	36	40	4.00	40.00

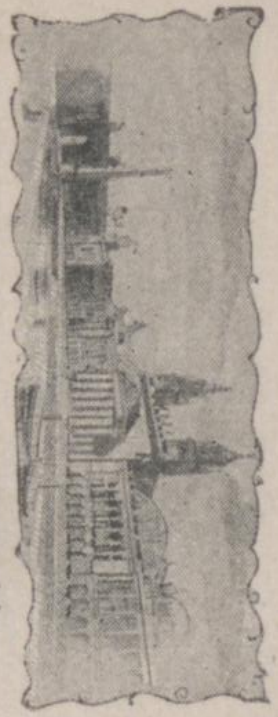
5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO..	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR..	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY.	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
1 MO..	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR..	6	12	18	24	30	36	42	48	54	60	6.00	60.00

TABLE OF WAGES BY THE WEEK.

Wages	One hour.	Two hours	Five hours.	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	Six days.
$3	.05	.10	.25	.40	.45	.50	1.00	1.50	2.00	2.50	3.00
4	.06⅔	.13⅓	.33⅓	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4.00
5	.08⅓	.16⅔	.41⅔	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5.00
6	.10	.20	.50	.80	.90	1.00	2.00	3.00	4.00	5.00	6.00
7	.11⅔	.23⅓	.58⅓	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7.00
8	.13⅓	.26⅔	.66⅔	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8.00
9	.15	.30	.75	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9.00
10	.16⅔	.33⅓	.83⅓	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10.00
11	.18⅓	.36⅔	.91⅔	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11.00
12	.20	.40	1.00	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12.00
13	.21⅔	.43⅓	1.08⅓	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13.00
14	.23⅓	.46⅔	1.16⅔	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14.00
15	.25	.50	1.25	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15.00
16	.26⅔	.53⅓	1.33⅓	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16.00
17	.28⅓	.56⅔	1.41⅔	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17.00
18	.30	.60	1.50	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18.00
19	.31⅔	.63⅓	1.58⅓	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19.00
20	.33⅓	.66⅔	1.66⅔	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20.00
24	.40	.80	2.00	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24.00

This Table is based upon the usual calculation of 10 hours to a day.



Machinery Hall, Columbian Exposition.

The Art Palace, Columbian Exposition.

THE COLUMBIAN EXPOSITION,

To commemorate the four hundredth anniversary of the discovery of America, will be held on the shore of Lake Michigan, in the City of Chicago, and will be opened on the first day of May, 1893, and closed on the 30th day of October following.

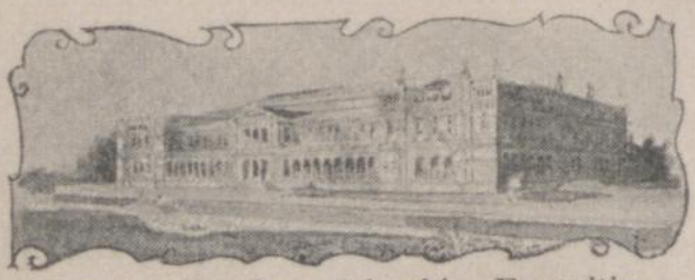
Jackson Park and Midway Plaisance — the Exposition site — are in the southeastern part of Chicago, and embrace 666 acres, with a frontage of about a mile and a half on Lake Michigan. Forty-five miles of boulevard connect the site with the general park system, which embraces fifteen or more parks, aggregating 2,000 acres.

ADMINISTRATION BUILDING. The Administration Building is pronounced the gem and crown of the Exposition palaces. It is located at the west end of the great court in the southern part of the site looking eastward, and at its rear are the transportation facilities and depots. The most conspicuous object which will attract the gaze of visitors on reaching the grounds is the gilded dome of this lofty building. This imposing edifice will cost about $450,000. The architect is Richard M. Hunt, of New-York, President of the American Institute of Architects. It covers an area of 260 feet square, and consists of four pavilions 84 feet square, one at each of the four angles of the square, and connected by a great central dome 120 feet in diameter and 220 feet in height.

THE MANUFACTURES AND LIBERAL ARTS BUILDING. Notable for its symmetrical proportions, the Manufactures and Liberal Arts Building is the mammoth structure of the Exposition. It measures 1,687 by 787 feet and covers nearly 31 acres, being the largest Exposition building ever constructed, and erected at a cost of $1,000,000. Within the building a gallery 50 feet wide extends around all four sides.

MACHINERY BUILDING, of which Peabody & Stearns, of Boston, are the architects, has been pronounced by many architects second only to the Administration Building in the magnificence of its appearance. This building measures 850 by 500 feet, and, with Machinery Annex and power house, will cost about $1,200,000. It is located at the extreme south end of the park, midway between the shore of Lake Michigan and the west line of the park. It is just south of the Administration Building, and west, across a lagoon, from the Agricultural Building.

ART BUILDING. It is the intention to locate on the Lake Front Park, near the heart of the city, the buildings required for Department "K," embracing Fine Arts, Pictorial, Plastic and Decorative, and also a portion of Department "L," at a cost of $500,000.



Woman's Building, Columbian Exposition.

THE COLUMBIAN EXPOSITION.

THE GOVERNMENT BUILDING. Located near the Lake shore, south of the main lagoon and of the area reserved for the foreign nations and the several States, is the Government Exhibit Building. It is classic in style, and bears a strong resemblance to the National Museum and other Government buildings at Washington. It covers an area of 350 by 420 feet, is constructed of iron, brick and glass, and cost $400,000.

HORTICULTURAL BUILDING. The building is 1,000 feet long, with an extreme width of 286 feet. The plan is a central pavilion with two end pavilions, each connected to the center pavilion by front and rear curtains, forming two interior courts, each 88 by 270 feet.

THE ELECTRICAL BUILDING. The Electrical Building, the seat of perhaps the most novel and brilliant exhibit in the whole Exposition, is 345 feet wide and 700 feet long, the major axis running north and south. The south front is on the great Quadrangle or Court; the north front faces the lagoon; the east front is opposite the Manufactures Building, and the west faces the Mines Building.

THE HALL OF MINES AND MINING. Located between the Electricity and Transportation Buildings is the Mines and Mining Building. This building is 700 feet long by 350 feet wide. The galleries are 60 feet wide and 25 feet high from the ground floor, and are lighted on the sides by large windows, and from above by a high clearstory.

THE WOMAN'S BUILDING. The President of the Board of Lady Managers quickly discovered in the sketch submitted by Miss Sophia G. Hayden that harmony of grouping and gracefulness of details which indicate the architectural scholar, and to her was awarded the first prize of a thousand dollars, and also the execution of the design. The principal façade has an extreme length of 400 feet, the depth of the Building being half this distance.

THE FISHERIES BUILDING. The Fisheries Building embraces a large central structure with two smaller polygonal buildings connected with it on either end by arcades. The extreme length of the building is 1,100 feet and the width 200 feet.

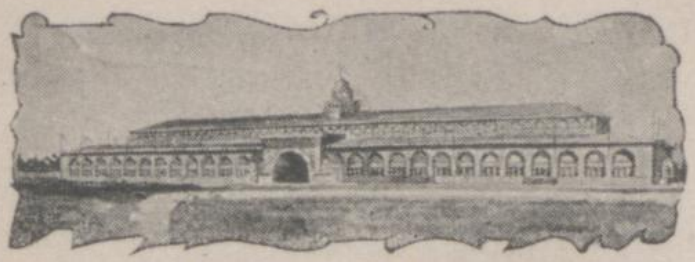
THE FORESTRY BUILDING. The Forestry Building is in appearance the most unique of all the Exposition structures. Its dimensions are 200 by 500 feet. On all four sides of the building is a veranda, supporting the roof of which is a colonnade consisting of a series of columns composed of three tree-trunks each 25 feet in length, one of them from 16 to 20 inches in diameter and the others smaller. All of these trunks are left in their natural state, with bark undisturbed.

Hall of Mines and Mining,
Columbian Exposition.

PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1890.	Miles	Hours	Stan. Time — } Mean + } Time.
New-York, N. Y.	1,513,501	....	....	— 4 m.
Chicago, Ill.	1,098,576	912	24.	— 9
Philadelphia, Pa.	1,044,894	90	2.	+ 1
Brooklyn, N. Y.	804,377	....	....	— 4
St. Louis, Mo.	450,245	1065	29.40	+ 1
Boston Mass.	446,507	234	6.	— 16
Baltimore, Md	433,547	188	4.09	+ 6
San Francisco, Cal.	297,990	3209	132.	+ 10
Cincinnati, Ohio	296,309	757	21.10	— 22
Cleveland, Ohio.	261,546	585	14.20	+ 27
Buffalo, N. Y.	254,457	410	9.45	+ 16
New Orleans, La.	241,995	1371	48.	0
Pittsburgh, Pa	238,473	444	12.	+ 20
Washington, D. C.	228,160	228	5.25	+ 8
Detroit, Mich	205,669	646	19.10	— 28
Milwaukee, Wis.	204,150	997	27.10	— 8
Minneapolis, Minn.	164,738	1332	50.50	+ 12
Louisville, Ky.	161,005	867	24.30	— 18
Omaha, Neb.	139,526	1402	43.30	+ 14
Rochester, N. Y.	138,327	374	8.50	+ 11
St. Paul, Minn	133,156	1322	50.30	+ 12
Kansas City, Mo.	132,416	1385	41.30	+ 19
Providence, R. I	132,099	188	5.30	— 14
Denver, Col.	126,186	1982	56.30	0
Indianapolis, Ind.	107,445	825	23.	— 16
Albany, N. Y.	93,523	145	3.30	— 5
Syracuse, N. Y.	87,877	293	7.15	+ 5
Toledo, Ohio.	82,652	706	17.30	— 16
Richmond, Va	80,838	342	11.15	+ 10
Memphis, Tenn.	64,586	1244	44.30	0
Grand Rapids, Mich.	64,147	934	30.30	— 17
Lincoln, Neb.	55,491	1460	43.	+ 22
Hartford, Conn.	53,182	113	3.	— 9
Des Moines, Iowa	50,067	1270	41.	+ 14
Portland, Or.	47,294	3232	133.	+ 20
Salt Lake City, Utah.	45,025	2471	72.	+ 28
Seattle, Wash.	43,914	3358	142.	— 10
Leavenworth, Kan.	20,250	1369	41.	+ 20



Transportation Building,
Columbian Exposition.

VALUE OF FOREIGN COINS.

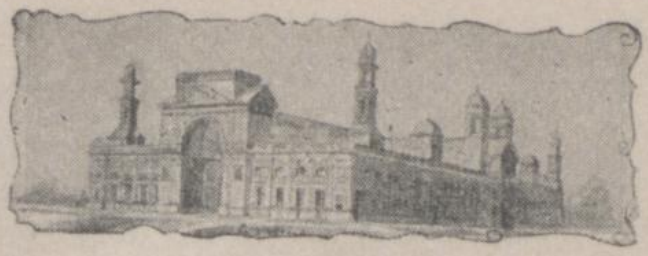
DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.69.8
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Mexico	.75.8
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" " "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sovereign)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Shilling	England,	.24.
Sol	Peru	.69.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.88.8

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.



The Electrical Building,
Columbian Exposition.

DOMESTIC POSTAGE.

FIRST CLASS.—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp when attached to a letter, in addition to the lawful postage, shall entitle the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each.

SECOND CLASS.—All regular newspapers, magazines and other periodicals issued at intervals not exceeding three months; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.—Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 c. per two ounces. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Registry fee, ten cents, which, with the postage, must be fully prepaid. The name and address of sender must be given on the outside of the envelope or wrapper.

POSTAL NOTE AND MONEY ORDER FEES.—Postal notes, 3 c. each, in denominations of $4.99 and less, payable to bearer. Such notes are invalid upon the expiration of three months from the last day of the month of issue, but the holder can after that time get it renewed at the Department at Washington, upon payment of a fee of 3 cents. For Money Orders in denominations of $100 or less, the following fees are charged: Orders not exceeding $5, 5 c.; over $5 to $10, 8 c.; $10 to $15, 10 c.; $15 to $30, 15 c.; $30 to $40, 20 c.; $40 to $50, 25 c.; $50 to $60, 30 c.; $60 to $70, 35 c.; $70 to $80, 40 c.; $80 to $100, 45 c.

The Horticultural Building,
Columbian Exposition.

FOREIGN POSTAGE.

To all parts of the Universal Postal Union (embracing nearly every civilized country):

ON LETTERS, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

TO CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER, same as in the United States; SAMPLES AND MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. 6 oz. in weight—prepayment compulsory.

TO MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per ounce**; MERCHANDISE other than Samples can only be sent by Parcel Post.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

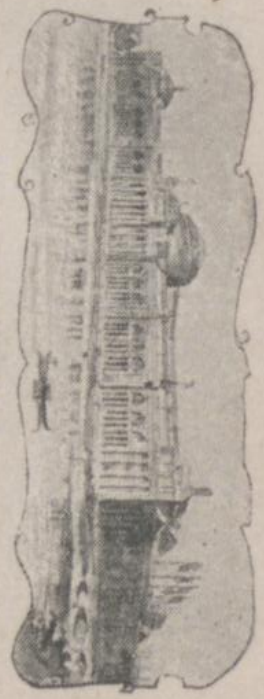
On Algeria, Belgium, British India, Cape Colony, Constantinople, Denmark, Dominion of Canada, Egypt, England, France, German Empire, Hong Kong, Ireland, Italy, Jamaica, Japan, Newfoundland, New South Wales, New Zealand, Portugal, Sandwich Islands, Scotland, Shanghai, Sweden, Switzerland, Tasmania, Victoria.

For Orders of $10 or less, 10c.	Over $50, not exceed. $60, 60c.
Over $10, not exceed. $20, 20c.	Over $60, not exceed. $70, 70c.
Over $20, not exceed. $30, 30c.	Over $70, not exceed. $80, 80c.
Over $30, not exceed. $40, 40c.	Over $80, not exceed. $90, 90c.
Over $40, not exceed. $50, 50c.	Over $90, not exceed. $100, $1

Orders can also be obtained on Austria and East Indies by remittance through the Postal Department of Switzerland, subject to the rates of the Swiss Department to those countries. Also on Norway and the Netherlands, through the Postal Department of the German Empire, subject to the rates of the German Department to those countries.

PRESIDENTS OF THE UNITED STATES.

Names.	Born.	Inaugurated.	In Office.	Died.	Native of
GEO. WASHINGTON..	Feb. 22, 1732	April 30, 1789	8 years....	Dec. 14, 1799	Virginia.
JOHN ADAMS.....	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
THOMAS JEFFERSON.	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
JAMES MONROE.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
JOHN QUINCY ADAMS	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
ANDREW JACKSON...	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carol.
MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New-York.
WM. H. HARRISON...	Feb. 9, 1773	" 4, 1841	1 month...	April 4, 1841	Virginia.
JOHN TYLER.....	Mar. 20, 1790	April 5, 1841	3 yrs. 11 m.	Jan. 17, 1862	"
JAMES K. POLK..	Nov. 2, 1795	Mar. 4, 1845	4 years....	June 15, 1849	N. Carol.
ZACHARY TAYLOR...	Nov. 24, 1790	" 4, 1849	1 yr. 4 m.	July 9, 1850	Virginia.
MILLARD FILLMORE.	May 7, 1800	July 10, 1850	2 yrs. 8 m.	Mar. 8, 1874	New-York.
FRANKLIN PIERCE...	Nov. 23, 1804	Mar. 4, 1853	4 years....	Oct. 8, 1869	N. Hamp.
JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylva.
ABRAHAM LINCOLN..	Feb. 12, 1809	" 4, 1861	4 yrs. 40 d.	April 15, 1865	Kentucky.
ANDREW JOHNSON...	Dec. 29, 1808	April 15, 1865	3 yrs. 11 m.	July 31, 1875	N. Carol.
ULYSSES S. GRANT..	April 27, 1822	Mar. 4, 1869	8 years....	July 23, 1885	Ohio.
RUTH. B. HAYES. ...	Oct. 4, 1822	" 5, 1877	4 "	.....	"
JAMES A. GARFIELD.	Nov. 19, 1831	" 4, 1881	6 mo. 15 d.	Sept. 19, 1881	"
CHESTER A. ARTHUR	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 m.	Nov. 18, 1886	Vermont.
GROVER CLEVELAND	Mar. 18, 1837	Mar. 4, 1885	4 years ...	.....	N. Jersey.
BENJAMIN HARRISON	Aug. 20, 1833	" 4, 1889	....	.....	Ohio.
.....	.....	.....	.....	.....	.....



The Agricultural Building,
Columbian Exposition.

WEA. SUN. JAN. 1, 1893 THER.

J. P. Jones Beginning on
the line Bet. J. P. J. & B. F. Co
S. 51° E 196 ~~[illegible]~~ S 30° W 70.8
S 57 3/4 E 402' to G. Co. line
& with same S 79° W 324 2'
to B. F. line & with same
N 48° W. 810' thence N 32 1/2° E

WEA. MONDAY 2 THER.

1685' - thence N 70° W 137 2 to Beg
13 2 3/10 a

WEA. TUESDAY 3 THER.

WEA. WED. JAN. 4, 1893 THER.

WEA. THURSDAY 5 THER.

Blank Page(s)

WEA. FRIDAY 6 THER.

THER WEA. FRI. JAN. 13, 1893 THER.

THER. WEA. SATURDAY 14 THER.

THER. WEA. SUNDAY 15 THER.

Have had extremely cold weather this week, reaching two or three days 16°

WEA. MON. JAN. 16, 1893 THER.

Still Cold Thm. 0 at 6 am
H. Haus from D. Bauts Stock
to W.F. 500#
River closed

WEA. TUESDAY 17 THER.

T. at 6 am - 4°
12 M + 18

WEA. WEDNESDAY 18 THER.

Still Cold T. about + 30
Thro the day.
Boy Skating on the River

THER. WEA. THUR. JAN. 19, 1893 THER.

at 6 am. I 28 with indications of Rain at M. Bright & Pleasant I. 18° +

THER. WEA. FRIDAY 20 THER.

at 6 am I 10 Clear — M + 15°

7 PM 18

THER. WEA. SATURDAY 21 THER.

6 am = 16° + Overcast — 7½ Snow

WEA. SUN. JAN. 22, 1893 THER.

7 am + 28° a warm night
Overcast
about 38+ during day
at 9 PM 32+

WEA. MONDAY 23 THER.

7 am 20+ Clear

WEA. TUESDAY 24 THER.

at 6 am, I 26°+
9 9 PM - 40°+

THER.

WEA. WED. JAN. 25, 1893 THER.

at 6 am. 40° + Clear & warm

THER.

WEA. THURSDAY 26 THER.

6 am 24° + Clear & indications of a fine day
at 8 PM +40°

THER.

WEA. FRIDAY 27 THER.

at 6 am. +30°
8 PM 40

WEA. SAT. JAN. 28, 1893 THER.

6 am 30°+ at 9 P M 50°+
Indication of Rain

WEA. SUNDAY 29 THER.

Showing in the Night
at 6 am. 50°+

WEA. MONDAY 30 THER.

6 am 32°+ Ovn cool—

WEA. TUES. JAN. 31, 1893 THER.

Much warmer with occasions of Rain, Ice running out freely

WEA. WED. FEB. 1 THER.

Cloudy Thr at 6 a.m. 56° + out at Mondie in the Evening Met Mr Herron for the first time

WEA. THURSDAY 2 THER.

Raining in the night state cloudy P. at 6 a.m. 36° +

WEA. FRI. FEB. 3, 1893 THER.

at 7 am, 48° + a drizzly night - cooler than morning

WEA. SATURDAY 4 THER.

at 7 am 18° + clear thruout the night

WEA. SUNDAY 5 THER.

7 a.m. T - 24° + slightly overcast -

WEA. MON. FEB. 6, 1893 THER.

A Fairy Night — 6 a.m. 46+

WEA. TUESDAY 7 THER.

Rain over, Cloudy with Northerly wind, at 7 - 34°+

WEA. WEDNESDAY 8 THER.

7 a.m. Cold & Clear — 14°+
9 P.M. " " " 28+

WEA. THUR. FEB. 9, 1893 THER.

Cloudy, indications of snow at 7 am 28° +

WEA. FRIDAY 10 THER. +

Rainy night at 7 am, 52
Indications of fair weather

WEA. SATURDAY 11 THER.

Snow this morning still overcast at 7 am 32° +
Mr Stephens came to night

WEA. SUN. FEB. 12, 1893 THER.

7 am 30° Indications of a fair day

WEA. MONDAY 13 THER.

6 a.m. 33° Raining

WEA. TUESDAY 14 THER.

WEA. WED. FEB. 15, 1893 THER.

WEA. THURSDAY 16 THER.

WEA. FRIDAY 17 THER.

THER. WEA. SAT. FEB. 18, 1893 THER.

Rain yesterday at Nights
Muddy & sprinkle of snow
this morning - 30° at 7 am

THER. WEA. SUNDAY 19 THER.

7 am. 32° + at Noon 40°
& Rain out - 7 P.M. Stile
Cloudy + 46°

THER. WEA. MONDAY 20 THER.

7 am clear & cold - + 13°

WEA. TUES. FEB. 21, 1893 THER.

Clear & Cold at 7 am, +18°
Snowing at 11 am

WEA. WEDNESDAY 22 THER.

7 am 28° +- snow in the night

WEA. THURSDAY 23 THER.

7 am +24 - clear

THER. WEA. FRI. FEB. 24, 1893 THER.

THER. WEA. SATURDAY 25 THER.

THER. WEA. SUNDAY 26 THER.

Clear & Cold — 23° +

WEA. MON. FEB. 27, 1893 THER.

WEA. TUESDAY 28 THER.

WEA. WED. MARCH 1 THER.

THER. WEA. THUR. MARCH 2, 1893 THER.

THER. WEA. FRIDAY 3 THER.

THER. WEA. SATURDAY 4 THER.

Rain Last Night - Snowing this morning and continued snow squalls all day. Heavy wind in the Night -
at 7 A.M. + 18°

WEA. SUN. MARCH 5, 1893 THER.

WEA. MONDAY 6 THER.

WEA. TUESDAY 7 THER.

HER. WEA. WED. MARCH 8, 1893 THER.

HER. WEA. THURSDAY 9 THER.

HER. WEA. FRIDAY 10 THER.

WEA. SAT. MARCH 11, 1893 THER.

WEA. SUNDAY 12 THER.

WEA. MONDAY 13 THER.

THER. WEA. TUES. MARCH 14, 1893 THER.

a Misty day

THER. WEA. WEDNESDAY 15 THER.

7 am. + 38 Snowy & blustery all day

THER. WEA. THURSDAY 16 THER.

7 am. + 15° Clear with indications of fair weather

WEA. FRI. MARCH 17, 1893 THER.

7 am + 30° & sparkling snow.

Evening at Pollard

WEA. SATURDAY 18 THER.

7 am + 28° — Last night raining, snowing this morning

WEA. SUNDAY 19 THER.

7 am + 28° Clear

HER. WEA. MON. MARCH 20, 1893 THER.

7 am 30° & clear

HER. WEA. TUESDAY 21 THER.

HER. WEA. WEDNESDAY 22 THER.

WEA. THUR. MARCH 23, 1893 THER.

Butler Acct 5,00+,40 = 5,40
Butts 10

WEA. FRIDAY 24 THER.

WEA. SATURDAY 25 THER.

WEA. SUN. MARCH 26, 1894 THER.

WEA. MONDAY 27 THER.

Meat .35 - Book 1.20 $1.55

WEA. TUESDAY 28 THER.

Flour, Macaroni .50

WEA. WED. MARCH 29, 1893 THER.

WEA. THURSDAY 30 THER.

Planters Champion Pea

Cold & Raining 1894

Meat ,60

WEA. FRIDAY 31 THER.

Chmer ,35

WEA. SAT. APRIL 1, 1893 THER.

Planters Ass. Mondeo Pen
Bash Brum

Coled & Mat

1894

WEA. SUNDAY 2 THER.

Muslin .50

WEA. MONDAY 3 THER.

Soap .50 - B.O. Box 25 .75
Celery Compound 1.00
Do .50
B. Chuck 1.00
Meat .40
Held 15 Bill 4.45

WEA. TUES. APRIL 4, 1893 THER.

WEA. WEDNESDAY 5 THER.

WEA. THURSDAY 6 THER.

HER.

WEA. FRI. APRIL 7, 1893 THER.

Ploughing & Harrowing 3,00
H 50

HER.

WEA. SATURDAY 8 THER.

HER.

WEA. SUNDAY 9 THER.

Meat 15

WEA. MON. APRIL 10, 1894 THER.

Tea & Tob. .70 + .10 = 8.0

WEA. TUESDAY 11 THER.

WEA. WEDNESDAY 12 THER.

THER. WEA. THUR. APRIL 13, 1893 THER.

8.0 Meat ,35

THER. WEA. FRIDAY 14 THER.

THER. WEA. SATURDAY 15 THER.

76 ,50

6 PM ~~97~~ 48

WEA. SUN. APRIL 16, 1894 THER.

Meal — .25
Tickets for Mrs 1.30
Do 2.00

WEA. MONDAY 17 THER.

Tickets to Cattlestring 1.40

WEA. TUESDAY 18 THER.

THER. WEA. WED. APRIL 19, 1894 THER.

25
30
50

Dressing (Jumbo) $2,50

THER. WEA. THURSDAY 20 THER.

.40

THER. WEA. FRIDAY 21 THER.

Meat ,40
Sauce 10 – C. Potatoes 25 ,35
Suspenders 25
Crackers 25
45

6 P.M. 7+48

40

WEA. SAT. APRIL 22, 1894 THER.

6 am 7+48

WEA. SUNDAY 23 THER.

Celery Comp — 1.00 H 1.00 = 20

WEA. MONDAY 24 THER.

Mrs Sift

Sowed Mascott Tomato

THER. WEA. TUES. APRIL 25, 1893 THER.

Paid 1 for Post from
Apr 18/94 1,00
Paid Mus t 1,00
Rude Tobacco 15

THER. WEA. WEDNESDAY 26 THER.

=20 Gaylin ob ,20

THER. WEA. THURSDAY 27 THER.

ats Soap ,25

WEA. FRI. APRIL 28, 1894 THER.

Cash of Pesro	20,00
Heldt	8,45
Hay	3,76
A. Brandy	1,25
Corn	1,15

WEA. SATURDAY 29 THER.

WEA. SUNDAY 30 THER.

THER. WEA. MON. MAY 1, 1894 THER.

5, 00
, 45
, 74
, 25
, 15

THER. WEA. TUESDAY 2 THER.

Bread = Sud ,15

THER. WEA. WEDNESDAY 3 THER.

WEA. THUR. MAY 4, 1894 THER.

Baking Powder 50

WEA. FRIDAY 5 THER.

WEA. SATURDAY 6 THER.

~~Dress Hook~~ 30
~~Book~~

HER. WEA. SUN. MAY 7, 1894 THER.

50 Monday

Dinner Tot 30

Jam on Hed 5

Book 20

At-court

HER. WEA. MONDAY 8 June THER.

Dinner & Soda 30

Hack 5

Dress

At-Court

HER. WEA. TUESDAY 9 1893 THER.

30 Planted Late Wonder Pea

Bush beans

Iron Clad Melon

94

96 ~~Dress~~ 1.55

WEA. WED. MAY 10, 1893 THER.

Ines
Planted Canteloupe &
Band Melon
Corn, Beets & Lycoris
1894

Thursday

WEA. THURSDAY 11 W Lro THER.

Friday

WEA. FRIDAY 12 Sat THER.

THER. WEA. SAT. MAY 13, 1893 THER.

On P'Ks line at Kennus

Sunday 1894

894 Book. Tot ,25

THER. WEA. SUNDAY 14 Monday THER.

THER. WEA. MONDAY 15 Tues THER.

WEA. TUES. MAY 16, 1893 THER.

Mornsong

Finished Corn Planting

P 5 John 175

WEA. WEDNESDAY 17 Thurs THER.

WEA. THURSDAY 18 Fri. THER.

Planted Tomatoes

HER. WEA. FRI. MAY 19, 1893 Sat THER.

THER. WEA. SATURDAY 20 Sun THER.

THER. WEA. SUNDAY 21 Mon THER.

WEA. MON. MAY 22, 1893 THER.

Tuesday

WEA. TUESDAY 23 THER.

Wednesday

WEA. WEDNESDAY 24 THER.

Thursday

THER. WEA. Fri THUR. MAY 25, 1893 THER.

THER. WEA. Sat FRIDAY 26 THER.

Stevens in full to date, 75
Plantis Cucumbers
Pole & Evergreen Beans

THER. WEA. Sund. SATURDAY 27 THER.

~~WEAR~~ 5 SUN. MAY 28, 1893 ~~4~~ THER.

Planted Pepo Corn
Watermelons & Cantaloupe

~~WEAR~~ 5. MONDAY 29 THER.

Stamm Ce by 1½ Dgp

~~WEAR~~. TUESDAY 30 THER.

THER.

WEA. Thurs. WED. MAY 31, 1894 THER.

THER.

WEA. Fri. THUR. JUNE 1 1894 THER.

John for Coal 2.00

THER.

WEA. Sat. FRIDAY 2 THER.

Send. WEA. SAT. JUNE 3, 1894 THER.

Mazus WEA. SUNDAY 4 THER.

Prage E & P $1.55

Jung WEA. MONDAY 5 THER.

Job & c. .15

THER. WEA. Rd TUES. JUNE 6, 1894 THER.

Evening Post $1.00

THER. WEA. Thurs, WEDNESDAY 7 THER.

1.55 Miller Cr 12,50

Hilott Dr 5,00

THER. WEA. Fr THURSDAY 8 THER.

15 Panter Bryan Corn

1894

WEA. FRI. JUNE 9, 1893 THER.

WEA. SATURDAY 10 THER.

Blank Page(s)

WEA. SUNDAY 11 THER.

Jan

MEMORANDA

Date		Dolls.	Cts.
16	[illegible]		
"	H. H. and J. National Bank	40	00
"	W. J. H. " " "	500	00
[illegible]	[illegible]	3	25
[illegible]	[illegible]	20	00
20	H. [illegible]	15	
29	[illegible] Co	2	50

MEMORANDA

Cts.	Date		Dolls.	Cts.
	Jan	Vellum Points	7	00
00		Drawing Book	1	20
00	25	Ashland Beach	35	00
25		Postage		50
00		Grocerie bill	7	00
	26	Hall	20	00
00	27		3	00
		Pen Wiper		85
	29	Hand Saw	2	95
		Lacing	1	00

Bills Receivable

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

Bills Payable

s. Cts.	Date	Name	Dolls.	Cts.

CASH ACCOUNT — JANUARY

Date		Received	Paid	Date
16	Hilton's Pants			
	H H National Bank		500 00	
	M. J. H " "		500 00	
16	Drawing & Board		1 20	
20	Rubber, Grass cutter		4 50	
	Math Bank	35 00		
	Hilldt		20 00	
	H. H.	1	15 00	
23	Hilldt		8 05	
29	Meat		85	
29	Ham - Coffee		2 95	
	Abstract Co	2 00		
	Drawing		1 00	

Cash Account — January

id	Date		Received	Paid
50				
50				
20				
50				
50				
50				
05				
85				
95				
50				

CASH ACCOUNT — FEBRUARY

Date		Received	Paid	Da
2	A C & I. Co	24 50		4
"	Buf		55	
	Insurance		2 75	
	Heldt for Man		1 00	
4	4 Baptist Parson		1 50	
6	Meat &c		1 55	
8	To Dr Dixon		3 55	
10	66⅔ Bush Coal		5 00	
17	Insurance		2 75	
20	Blank to Miller	40 00		
21	" to self	25,00		
	Buf Slippers		2 05	
	Heldt Pot. &c		4 90	
	Lunches		1 10	

Cash Account — February

Paid	Date		Received	Paid
	4	Bal on hand		[illegible]
55				
75				
00				
50				
55				
55				
00				
75				
95				
90				
10				

CASH ACCOUNT — MARCH

Date		Received		Paid		Date
4	Sundries			1	25	
5	Ashland Bank	25	00			
10	Lumbert			8	08	
	Butter				40	
	Envelopes				50	
15	Turkey Butter			1	98	
16	Meat &c			1	10	
	Pair Mess			1	00	
18	Stamps			2	00	
	Baptist Church			1	00	
27	J. Kelley Hauling			2	50	
	Campbells work					
	P. Lewis	1	00			
	" Bates		50			
	" D Geiger	2	00			
	Work on Sub 2	8	00			
	3 Plots	2	00			
		[illegible]		13	50	
29	Heldt - Crackers			2	00	
	Beef				75	
	Powers, Coal			2	00	
	Ashland Bank	30	00			
	Seeds				15	
30	Mamm			1	00	
	Stamps			5	00	

Cash Account — March

Date		Received		Paid	
	Heldt on acct			5	00
	Crackers			2	00

CASH ACCOUNT — APRIL

Date		Received		Paid		Date
4	Mrs. Alley			2	00	
6	A. Bank & Check			51	75	
"	~~Mr Cap Check~~	~~51~~	~~75~~			
"	A Bank on Check	30	00			
"	Campbell Chk	13	50			
8	Quilt (Flannels)			13	50	
"	Beef					
10	Sugar Coffee Tea			3	15	
11	Beef & Coffee				55	
	Tacks on 10th			1	25	
12	Lard & C			1	40	
14	Ham			3	00	
15	Butter				70	
"	Beef				50	
21	Beef				40	
"	Bucket, ass,			5	00	
28						
	Ashland Bank	40	00	61	75	
	Due May 10	21	75	21	75	
	Dr. Mann & Bile			8	50	

CASH ACCOUNT — APRIL

Date		Received	Paid
	Wm W Gaucher		
April	Stamm		3 00 ±
Mar	"		2 50
P. Loughlin			1 75
Mamm'			2 00 ±
June 10	Paid		
for Hay & Oats			5 50

Cash Account — May

Date		Received	Paid	Date
6	Nehott		11 30	
	Papers &c		10	
12	Bank in full	21.75		
"	Bap. Church		1 00	
"	O. M. Lumbert		8 00	
"	Potatoes		95	
"	Soda		10	
13	Fallow	2.50		
	Fans &c		45	
	Beef		45	
17	"		40	
20	Birthday Gas		5.00	
	Beef & Tea		1 20	
	Bitters		1 00	
21	Meat Salt &c		1 50	
24	Meat		50	
26	" &c		1 10	

Cash Account — May

Paid	Date		Received	Paid
30				
10				
50				
50				
95				
10				
45				
45				
40				
50				
20				
50				
50				
50				
10				

Cash Account — June

Date		Received		Paid		Date
7	Cash of S Cr Co	30	00			
	Papers		~~2 45~~	2	45	
8	Prowns				75	
"	Kate			5	00	
10	Stammen			5	00	
	Kelley			1	00	
	Meat				50	
13	Jackson			1	00	
	Coffee			1	00	
19	Build ass			5	00	
"	~~Jas~~ May "			1	00	

Cash Account — June

Paid	Date		Received	Paid
45				
75				
00				
00				
00				
00				
00				
00				
00				
00				

CASH ACCOUNT — JULY

Date		Received	Paid	Date
6	Bank check		109.20	
	Cash	59 20		
	Smauks		10.90	
	Pyeke's		15 00	
7	Heldt		8 97	
	Carpet		16 50	
	Loan Bank	50.00		
17	O.M. Lumber		8 00	
"	Building ass		5 00	
22	Hyman, Coal		7 00	
	Heldt on a c		5 00	

Cash Account — July

Paid	Date		Received	Paid
.20				
.90				
00				
97				
80				
00				
00				
00				
00				

Cash Account — August

Date		Received		Paid		Date
6	Sera, Dog Tax			1	00	
10	Builds ads.			5	00	

Cash Account — August

aid	Date		Received		Paid	
12						
12						

Cash Account — September

Date		Received		Paid		Date
1st	Millers Notes	55	00			
1	P.O. Lease			54	10	
2	Ferry	2	00			
6	Hart to McC.			2	20	
"	Powell, Carriage			4	25	
"	Shoes			2	25	
14	~~Notes Notes~~	45	00			
14	Benefit - Ass			8	00	
	Beula Ass	9	00			
				5	00	
12	Mrs	3	50			

Cash Account — September

aid	Date		Received	Paid
.10				
20				
25				
25				
00				
00				

CASH ACCOUNT — OCTOBER

Date		Received		Paid		Date
5	N. S. Int	15	00			
	By A. N. B.					
	Carpet &c			1	75	

Cash Account — October

d	Date		Received		Paid	
75						

Cash Account — November

Date		Received	Paid

Cash Account — December

Date		Received		Paid	

Summary

	Received		Paid	
Cash on hand Jan. 1				
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
Total				
Balance to new account				

St Sire to Aspen Ave
Falkner Bunkly 38.5
45.7
Rowan fence

Low End 37.7 from Ave
45.3 " fence

Wp End Lumber Co Store
from fence 49 to Store
from St-Sire to Store 44½

Excelsior
Diary

Post Office

M. L. Hilton

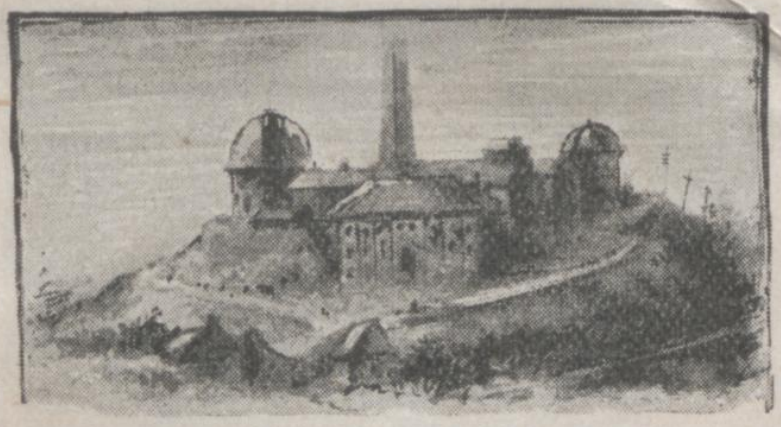
M. L. Hilton

EXCELSIOR DIARY

1894

1894.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN'Y.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
FEB'Y.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	..	..	..
MARCH.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
APRIL.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
MAY.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
JUNE.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	..	..	..	..	..	..	..

1894.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JULY.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
AUGUST.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
SEPT'R.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
OCT'R.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
NOV'R.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
DEC'R.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..



ECLIPSES, 1894.

There will be four Eclipses this year, two each of the Sun and Moon, and a Transit of Mercury.

I. A Partial Eclipse of the Moon, March 21, visible west of the Rocky Mountains only, where the Moon sets with a very small eclipse upon its southern limb. Size, nearly 3 digits. Begins, San Francisco, 5 h. 15 m. morn.

II. An Annular Eclipse of the Sun, April 5, invisible in America.

III. A Partial Eclipse of the Moon, Sept. 14–15, visible as a small eclipse upon the Moon's northern limb throughout North America.

	Boston.	New-York.	Washington.
	H. M.	H. M.	H. M.
Eclipse begins.....	10 52 ev.	10 40 ev.	10 28 ev.
Greatest Eclipse,...	11 48 ev.	11 36 ev.	11 24 ev.
Eclipse ends 15th ..	0 44 mo.	0 32 mo.	0 20 mo.

IV. A Total Eclipse of the Sun, Sept. 29, invisible in America.

V. A Transit of Mercury over the Sun's Disk, Nov. 10, visible in the United States. Begins at Washington 10 h. 47 m. morn.; ends 4 h. 3 m. ev.

MORNING AND EVENING STARS.

VENUS, morn., from Feb. 16 to Nov. 30; ev., balance of year.
MARS, morn., until June 27; ev., balance of year.
JUPITER, morn., from June 4 to Sept. 1; ev., balance of year.
SATURN, morn., until Jan. 19 and after Oct. 21; ev., balance of year.

PLANETS BRIGHTEST.

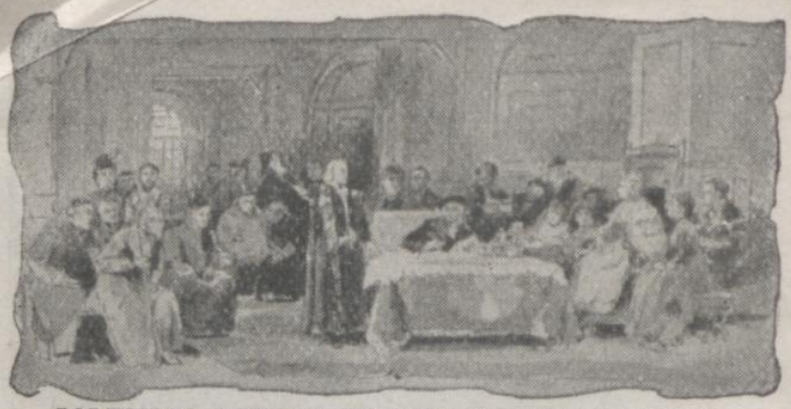
MERCURY, Feb. 21 and March 15, setting after the Sun.
MERCURY, April 13 and August 19, rising before the Sun.
VENUS, Jan. 10 and March 22.
MARS, Oct. 20.
JUPITER, Dec. 22.
SATURN, April 11.
URANUS, May 3.

MOVABLE FEASTS.

Septuagesima Sun....	Jan. 21	Easter Sunday.....	Mar. 25
Sexagesima " ... "	28	Low Sunday.....	Apr. 1
Quinquagesima Sun.	Feb. 4	Rogation Sunday..... "	29
Ash-Wednesday..... "	7	Ascension Day.....	May 3
Quadragesima Sunday "	11	Whit-Sunday (Pent.).. "	13
Mid-Lent Sunday..... "	25	Trinity " ..... "	20
Palm Sunday.....	Mar. 18	Corpus Christi ..... "	24
Good Friday ..... "	23	Advent Sunday	Dec. 2

CHRONOLOGICAL CYCLES.

Dominical Letter	G	Roman Indiction	7
Epact.....	23	Julian Period	6607
Lunar Cycle (Golden No.)	14	Dionysian Period.....	223
Solar Cycle	27	Jewish Lunar Cycle	11



COLUMBUS BEFORE FERDINAND AND ISABELLA.

JANUARY 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .....6 D.	10 H. 0 M. ev.	9 H. 0 M. ev.
First Quarter..14 D.	7 H. 9 M. ev.	6 H. 9 M. ev.
Full Moon.....21 D.	10 H. 11 M. mo.	9 H. 11 M. mo.
Last Quarter ..28 D.	11 H. 51 M. mo.	10 H. 51 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 25	**4 43**	2 27	**4 4**	1	M.	7 30	**4 38**	2 30	**7 19**
7 25	**4 44**	3 30	**4 56**	2	Tu.	7 30	**4 39**	3 34	**8 9**
7 25	**4 45**	4 34	**5 49**	3	W.	7 30	**4 40**	4 39	**9 4**
7 25	**4 46**	5 33	**6 41**	4	Th.	7 30	**4 41**	5 40	**9 55**
7 25	**4 47**	6 31	**7 28**	5	Fr.	7 30	**4 42**	6 38	**10 44**
7 25	**4 48**	sets	**8 11**	6	Sa.	7 29	**4 43**	sets	**11 28**
7 25	**4 49**	**5 15**	**8 55**	7	**S.**	7 29	**4 44**	**5 9**	morn.
7 24	**4 50**	**6 18**	**9 38**	8	M.	7 29	**4 45**	**6 13**	9
7 24	**4 51**	**7 23**	**10 17**	9	Tu.	7 29	**4 46**	**7 19**	52
7 24	**4 52**	**8 25**	**10 53**	10	W.	7 29	**4 47**	**8 22**	1 32
7 24	**4 53**	**9 30**	**11 33**	11	Th.	7 29	**4 48**	**9 28**	2 11
7 23	**4 54**	**10 33**	morn.	12	Fr.	7 28	**4 50**	**10 33**	2 49
7 23	**4 55**	**11 38**	15	13	Sa.	7 28	**4 51**	**11 39**	3 29
7 23	**4 56**	morn.	59	14	**S.**	7 28	**4 52**	morn.	4 12
7 22	**4 57**	45	1 49	15	M.	7 27	**4 53**	48	5 2
7 22	**4 59**	1 52	2 47	16	Tu.	7 27	**4 54**	1 56	6 1
7 21	**5 0**	3 9	3 50	17	W.	7 26	**4 55**	3 14	7 5
7 21	**5 1**	4 25	4 59	18	Th.	7 26	**4 56**	4 31	8 15
7 21	**5 2**	5 37	6 10	19	Fr.	7 25	**4 58**	5 44	9 24
7 20	**5 3**	6 42	7 16	20	Sa.	7 24	**4 59**	6 49	10 31
7 19	**5 4**	rises	8 13	21	**S.**	7 24	**5 0**	rises	11 30
7 18	**5 5**	**6 32**	9 8	22	M.	7 23	**5 1**	**6 28**	ev. 21
7 17	**5 7**	**7 48**	9 57	23	Tu.	7 22	**5 3**	**7 45**	**1 11**
7 17	**5 8**	**8 58**	10 38	24	W.	7 22	**5 4**	**8 57**	**1 56**
7 16	**5 9**	**10 6**	11 20	25	Th.	7 21	**5 5**	**10 7**	**2 38**
7 16	**5 10**	**11 12**	ev. 5	26	Fr.	7 20	**5 6**	**11 14**	**3 20**
7 15	**5 11**	morn.	49	27	Sa.	7 19	**5 8**	morn.	**4 2**
7 14	**5 13**	19	**1 38**	28	**S.**	7 18	**5 9**	20	**4 51**
7 13	**5 14**	1 22	**2 31**	29	M.	7 17	**5 10**	1 26	**5 45**
7 12	**5 15**	2 25	**3 26**	30	Tu.	7 16	**5 12**	2 31	**6 40**
7 12	**5 16**	3 26	**4 24**	31	W.	7 15	**5 13**	3 33	**7 39**

Heavy figures, 12 noon to 12 midnight.

COLUMBUS DISCOVERS AMERICA, 1492.

FEBRUARY 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon.....5 D.	4 H. 45 M. ev.	3 H. 45 M. ev.
First Quarter..13 D.	5 H. 43 M. mo.	4 H. 43 M. mo.
Full Moon.....19 D.	9 H. 16 M. ev.	8 H. 16 M. ev.
Last Quarter..28 D.	7 H. 28 M. mo.	6 H. 28 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
7 11	5 18	4 26	5 12	1	Th.	7 14	5 14	4 33	8 37
7 10	5 19	5 20	6 18	2	Fr.	7 13	5 15	5 26	9 32
7 9	5 20	6 5	7 8	3	Sa.	7 12	5 16	6 12	10 22
7 7	5 21	6 45	7 49	4	S.	7 11	5 18	6 51	11 7
7 6	5 22	sets	8 30	5	M.	7 10	5 19	sets	11 47
7 5	5 23	6 19	9 12	6	Tu.	7 9	5 21	6 16	morn.
7 4	5 25	7 21	9 48	7	W.	7 8	5 22	7 20	25
7 3	5 26	8 27	10 23	8	Th.	7 6	5 23	8 26	1 2
7 2	5 27	9 30	11 0	9	Fr.	7 5	5 24	9 31	1 39
7 1	5 28	10 36	11 41	10	Sa.	7 4	5 25	10 38	2 18
7 0	5 30	11 45	morn.	11	S.	7 2	5 26	11 49	2 57
6 58	5 31	morn.	27	12	M.	7 1	5 28	morn.	3 41
6 57	5 32	57	1 22	13	Tu.	7 0	5 29	1 2	4 35
6 56	5 34	2 11	2 26	14	W.	6 59	5 30	2 17	5 37
6 55	5 35	3 21	3 35	15	Th.	6 57	5 32	3 28	6 49
6 53	5 36	4 27	4 52	16	Fr.	6 56	5 33	4 33	8 8
6 52	5 37	5 24	6 5	17	Sa.	6 54	5 35	5 31	9 19
6 51	5 39	6 14	7 7	18	S.	6 53	5 36	6 17	10 21
6 49	5 40	rises	7 59	19	M.	6 52	5 38	rises	11 15
6 48	5 41	6 36	8 44	20	Tu.	6 50	5 39	6 34	11 59
6 46	5 43	7 45	9 27	21	W.	6 48	5 40	7 44	ev. 41
6 45	5 44	8 52	10 8	22	Th.	6 47	5 42	8 54	1 22
6 44	5 45	9 59	10 40	23	Fr.	6 45	5 43	10 2	2 2
6 42	5 46	11 7	11 24	24	Sa.	6 44	5 45	11 11	2 42
6 41	5 48	morn.	ev. 10	25	S.	6 42	5 46	morn.	3 25
6 39	5 49	12	58	26	M.	6 41	5 47	17	4 11
6 38	5 50	1 17	1 53	27	Tu.	6 39	5 49	1 23	5 7
6 37	5 51	2 15	2 52	28	W.	6 38	5 50	2 22	6 6

LANDING OF THE PILGRIMS, 1620.

MARCH 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .....7 D.	9 H. 18 M. mo.	8 H. 18 M. mo.
First Quarter..14 D.	1 H. 28 M. ev.	0 H. 28 M. ev.
Full Moon.....21 D.	9 H. 11 M. mo.	8 H. 11 M. mo.
Last Quarter..29 D.	3 H. 28 M. mo.	2 H. 28 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
6 35	5 53	3 13	3 53	1	Th.	6 36	5 51	3 19	7 8
6 34	5 53	4 1	4 54	2	Fr.	6 35	5 52	4 8	8 10
6 32	5 54	4 42	5 50	3	Sa.	6 33	5 53	4 49	9 5
6 30	5 55	5 19	6 41	4	S.	6 31	5 54	5 24	9 55
6 29	5 56	5 47	7 23	5	M.	6 30	5 55	5 51	10 39
6 27	5 57	6 12	8 3	6	Tu.	6 28	5 56	6 15	11 20
6 25	5 58	sets	8 39	7	W.	6 26	5 57	sets	11 56
6 24	5 59	7 22	9 18	8	Th.	6 25	5 58	7 23	morn.
6 22	6 0	8 28	9 55	9	Fr.	6 23	5 59	8 29	31
6 20	6 1	9 36	10 33	10	Sa.	6 21	6 0	9 39	1 9
6 19	6 2	10 49	11 15	11	S.	6 20	6 2	10 54	1 49
6 17	6 3	morn.	morn.	12	M.	6 18	6 3	morn.	2 33
6 16	6 4	1	8	13	Tu.	6 16	6 4	7	3 23
6 14	6 5	1 12	1 10	14	W.	6 14	6 5	1 19	4 33
6 12	6 6	2 19	2 19	15	Th.	6 13	6 6	2 25	5 33
6 11	6 8	3 18	3 34	16	Fr.	6 11	6 7	3 25	6 48
6 9	6 9	4 9	4 47	17	Sa.	6 9	6 9	4 16	8 2
6 7	6 10	4 48	5 53	18	S.	6 7	6 10	4 53	9 8
6 6	6 11	5 18	6 48	19	M.	6 6	6 11	5 21	10 2
6 4	6 12	5 46	7 35	20	Tu.	6 4	6 12	5 47	10 51
6 2	6 13	rises	8 15	21	W.	6 2	6 13	rises	11 32
6 1	6 14	7 38	8 55	22	Th.	6 0	6 14	7 40	ev. 10
5 59	6 15	8 47	9 34	23	Fr.	5 59	6 15	8 51	48
5 58	6 16	9 55	10 11	24	Sa.	5 57	6 16	10 0	1 26
5 56	6 17	11 2	10 50	25	S.	5 55	6 17	11 7	2 8
5 54	6 18	morn.	11 36	26	M.	5 53	6 18	morn.	2 52
5 52	6 19	4	ev. 27	27	Tu.	5 52	6 19	10	3 41
5 51	6 20	1 4	1 23	28	W.	5 50	6 20	1 10	4 36
5 49	6 21	1 55	2 20	29	Th.	5 48	6 21	2 1	5 34
5 47	6 22	2 38	3 23	30	Fr.	5 46	6 22	2 44	6 37
5 45	6 23	3 17	4 21	31	Sa.	5 44	6 23	3 23	7 36

INDIAN BORDER WARS, 1795.

APRIL 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon.... 5 D.	11 H. 0 M. ev.	10 H. 0 M. ev.
First Quarter..12 D.	7 H. 32 M. ev.	6 H. 32 M. ev.
Full Moon.....19 D.	10 H. 1 M. ev.	9 H. 1 M. ev.
Last Quarter ..27 D.	10 H. 20 M. ev.	9 H. 20 M. ev.

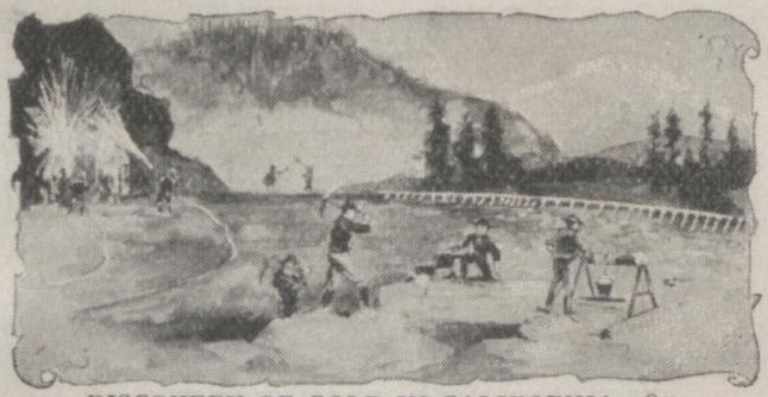
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
5 44	6 24	3 48	5 15	1	S.	5 43	6 25	3 53	8 30
5 42	6 26	4 14	6 4	2	M.	5 41	6 27	4 18	9 18
5 41	6 27	4 37	6 48	3	Tu.	5 40	6 28	4 39	10 2
5 39	6 28	4 56	7 28	4	W.	5 38	6 29	4 57	10 44
5 37	6 29	sets	8 4	5	Th.	5 36	6 30	is	11 21
5 36	6 30	7 20	8 45	6	Fr.	5 35	6 31	. 23	12 0
5 34	6 31	8 25	9 29	7	Sa.	5 33	6 32	8 29	morn.
5 33	6 32	9 49	10 13	8	S.	5 31	6 33	9 54	43
5 31	6 33	11 1	11 2	9	M.	5 30	6 34	11 7	1 28
5 30	6 34	morn.	morn.	10	Tu.	5 28	6 36	morn.	2 19
5 28	6 35	12	2	11	W.	5 26	6 37	18	3 17
5 26	6 36	1 15	1 9	12	Th.	5 25	6 38	1 22	4 22
5 25	6 37	2 7	2 18	13	Fr.	5 23	6 39	2 13	5 32
5 24	6 38	2 49	3 29	14	Sa.	5 21	6 40	2 54	6 43
5 22	6 39	3 21	4 34	15	S.	5 20	6 41	3 25	7 49
5 20	6 40	3 49	5 31	16	M.	5 18	6 42	3 51	8 46
5 19	6 41	4 13	6 21	17	Tu.	5 16	6 43	4 14	9 35
5 17	6 42	4 35	7 5	18	W.	5 15	6 45	4 34	10 19
5 16	6 43	rises	7 43	19	Th.	5 13	6 46	rises	11 0
5 14	6 44	7 39	8 12	20	Fr.	5 12	6 47	7 43	11 38
5 13	6 45	8 45	9 3	21	Sa.	5 10	6 48	8 50	ev. 17
5 11	6 46	9 50	9 45	22	S.	5 9	6 49	9 56	59
5 10	6 47	10 51	10 25	23	M.	5 7	6 50	10 58	1 41
5 8	6 48	11 46	11 11	24	Tu.	5 6	6 51	11 52	2 28
5 7	6 49	morn.	ev. 1	25	W.	5 4	6 52	morn.	3 16
5 6	6 50	35	54	26	Th.	5 3	6 53	42	4 7
5 4	6 51	1 25	1 48	27	Fr.	5 1	6 55	1 31	5 1
5 3	6 52	1 47	2 42	28	Sa.	5 0	6 56	1 52	5 56
5 2	6 53	2 15	3 40	29	S.	4 58	6 57	2 19	6 55
5 0	6 55	2 39	4 29	30	M.	4 57	6 58	2 42	7 44

THE TELEGRAPH, 1837.

MAY 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 5 D.	9 H. 42 M. mo.	8 H. 42 M. mo.
First Quarter..12 D.	1 H. 21 M. mo.	0 H. 21 M. mo.
Full Moon ....19 D.	11 H. 43 M. mo.	10 H. 43 M. mo.
Last Quarter ..27 D.	3 H. 4 M. ev.	2 H. 4 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 59	6 56	3 10	5 19	1	Tu.	4 56	7 0	3 12	8 34
4 58	6 57	3 23	5 57	2	W.	4 54	7 1	3 23	9 20
4 56	6 58	3 44	6 51	3	Th.	4 53	7 2	3 42	10 5
4 55	6 59	4 0	7 37	4	Fr.	4 52	7 3	3 58	10 53
4 54	7 0	sets	8 18	5	Sa.	4 51	7 4	sets	11 36
4 53	7 1	8 45	9 11	6	S.	4 49	7 5	8 51	morn.
4 52	7 2	9 58	10 4	7	M.	4 48	7 6	10 5	24
4 51	7 3	11 6	10 59	8	Tu.	4 47	7 7	11 12	1 18
4 49	7 4	morn.	12 0	9	W.	4 46	7 8	morn.	2 17
4 48	7 5	1	morn.	10	Th.	4 44	7 9	8	3 15
4 47	7 6	48	1 4	11	Fr.	4 43	7 10	54	4 17
4 46	7 7	1 24	2 5	12	Sa.	4 42	7 11	1 29	5 19
4 45	7 8	1 53	3 8	13	S.	4 41	7 12	1 56	6 22
4 44	7 9	2 17	4 4	14	M.	4 40	7 13	2 19	7 19
4 43	7 10	2 38	4 56	15	Tu.	4 39	7 14	2 38	8 12
4 42	7 11	3 1	5 45	16	W.	4 38	7 15	2 59	9 0
4 41	7 12	3 23	6 31	17	Th.	4 37	7 16	3 20	9 45
4 40	7 13	3 50	7 14	18	Fr.	4 36	7 17	3 45	10 29
4 39	7 14	rises	7 54	19	Sa.	4 35	7 18	rises	11 13
4 39	7 15	8 39	8 37	20	S.	4 34	7 19	8 45	11 54
4 38	7 16	9 39	9 21	21	M.	4 33	7 20	9 45	ev. 35
4 37	7 17	10 28	10 8	22	Tu.	4 32	7 21	10 35	1 22
4 36	7 18	11 11	10 48	23	W.	4 31	7 22	11 17	2 6
4 36	7 19	11 47	11 36	24	Th.	4 31	7 23	11 52	2 52
4 35	7 20	morn.	ev. 24	25	Fr.	4 30	7 24	morn.	3 38
4 34	7 20	16	1 12	26	Sa.	4 29	7 25	20	4 25
4 34	7 21	40	1 59	27	S.	4 29	7 26	43	5 13
4 33	7 22	1 2	2 50	28	M.	4 28	7 27	1 4	6 4
4 32	7 23	1 23	3 41	29	Tu.	4 27	7 28	1 24	6 56
4 32	7 23	1 44	4 33	30	W.	4 27	7 28	1 44	7 48
4 31	7 24	2 8	5 25	31	Th.	4 26	7 29	2 6	8 40



DISCOVERY OF GOLD IN CALIFORNIA, 1847.

JUNE 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 3 D.	5 H. 56 M. ev.	4 H. 56 M. ev.
First Quarter..10 D.	8 H. 14 M. mo.	7 H. 14 M. mo.
Full Moon ....18 D.	2 H. 6 M. mo.	1 H. 6 M. mo.
Last Quarter ..26 D.	5 H. 2 M. mo.	4 H. 2 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 31	7 24	2 34	6 18	1	Fr.	4 25	7 30	2 31	9 32
4 30	7 25	3 8	7 10	2	Sa.	4 25	7 30	3 4	10 25
4 30	7 26	sets	8 3	3	S.	4 25	7 31	sets	11 20
4 30	7 26	8 47	9 1	4	M.	4 24	7 32	8 53	morn.
4 29	7 27	9 49	9 59	5	Tu.	4 24	7 32	9 56	15
4 29	7 28	10 43	10 53	6	W.	4 24	7 33	10 49	1 15
4 29	7 28	11 24	11 50	7	Th.	4 23	7 33	11 29	2 11
4 29	7 29	11 55	morn.	8	Fr.	4 23	7 34	11 58	3 5
4 28	7 30	morn.	44	9	Sa.	4 23	7 35	morn.	3 58
4 28	7 30	23	1 40	10	S.	4 23	7 36	24	4 53
4 28	7 31	45	2 33	11	M.	4 22	7 36	46	5 47
4 28	7 31	1 7	3 26	12	Tu.	4 22	7 37	1 5	6 40
4 28	7 32	1 28	4 18	13	W.	4 22	7 37	1 26	7 33
4 28	7 32	1 53	5 10	14	Th.	4 22	7 38	1 49	8 35
4 28	7 32	2 19	6 0	15	Fr.	4 22	7 38	2 15	9 14
4 28	7 33	2 53	6 58	16	Sa.	4 22	7 38	2 46	10 2
4 28	7 33	3 33	7 35	17	S.	4 22	7 39	3 26	10 51
4 28	7 33	rises	8 16	18	M.	4 22	7 39	rises	11 34
4 28	7 34	9 9	9 4	19	Tu.	4 22	7 39	9 16	ev. 18
4 29	7 34	9 46	9 47	20	W.	4 23	7 40	9 52	1 1
4 29	7 34	10 17	10 27	21	Th.	4 23	7 40	10 21	1 43
4 29	7 34	10 43	11 7	22	Fr.	4 23	7 40	10 47	2 24
4 29	7 34	11 6	11 49	23	Sa.	4 23	7 40	11 8	3 4
4 29	7 34	11 26	ev. 31	24	S.	4 23	7 40	11 27	3 45
4 30	7 35	11 46	1 15	25	M.	4 24	7 41	11 46	4 28
4 30	7 35	morn.	2 0	26	Tu.	4 24	7 41	morn.	5 14
4 30	7 35	7	2 53	27	W.	4 24	7 41	5	6 7
4 31	7 35	30	3 48	28	Th.	4 25	7 40	27	7 3
4 31	7 35	1 1	4 47	29	Fr.	4 25	7 40	57	8 2
4 32	7 35	1 41	5 53	30	Sa.	4 26	7 40	1 36	9 8

DECLARATION OF INDEPENDENCE, 1776.

JULY 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 3 D.	0 H. 45 M. mo.	11 H. 45 M. (2).
First Quarter.. 9 D.	5 H. 15 M. ev.	4 H. 15 M. ev.
Full Moon ....17 D.	5 H. 2 M. ev.	4 H. 2 M. ev.
Last Quarter ..25 D.	4 H. 7 M. ev.	3 H. 7 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon rises	H. W. N. Y.			Sun rises	Sun sets	Moon rises	H. W. Bost'n
4 32	7 35	2 28	6 57	1	S.	4 26	7 40	2 22	10 11
4 32	7 35	3 28	7 55	2	M.	4 26	7 40	3 22	11 13
4 33	7 34	sets	8 54	3	Tu.	4 27	7 40	sets	morn.
4 33	7 34	9 18	9 50	4	W.	4 28	7 40	9 23	8
4 34	7 34	9 53	10 38	5	Th.	4 29	7 39	9 57	1 4
4 35	7 34	10 23	11 26	6	Fr.	4 29	7 39	10 25	1 56
4 35	7 33	10 47	morn.	7	Sa.	4 30	7 39	10 48	2 44
4 36	7 33	11 11	15	8	S.	4 30	7 38	11 10	3 29
4 37	7 33	11 32	1 4	9	M.	4 31	7 38	11 30	4 17
4 37	7 32	11 55	1 52	10	Tu.	4 32	7 38	11 52	5 6
4 38	7 32	morn.	2 46	11	W.	4 33	7 37	morn.	6 0
4 39	7 31	23	3 41	12	Th.	4 33	7 37	19	6 56
4 39	7 31	53	4 37	13	Fr.	4 34	7 36	45	7 51
4 40	7 30	1 52	5 33	14	Sa.	4 35	7 36	1 26	8 48
4 41	7 30	2 17	6 27	15	S.	4 36	7 35	2 10	9 41
4 42	7 29	3 9	7 16	16	M.	4 37	7 34	3 2	10 31
4 43	7 29	rises	8 0	17	Tu.	4 37	7 34	rises	11 18
4 44	7 28	8 21	8 42	18	W.	4 38	7 33	8 26	11 57
4 44	7 27	8 47	9 23	19	Th.	4 39	7 32	8 51	ev. 37
4 45	7 26	9 10	10 2	20	Fr.	4 40	7 31	9 12	1 16
4 46	7 26	9 31	10 35	21	Sa.	4 41	7 30	9 32	1 53
4 47	7 25	9 50	11 13	22	S.	4 42	7 30	9 51	2 30
4 48	7 24	10 11	11 51	23	M.	4 43	7 29	10 10	3 6
4 48	7 23	10 33	ev. 33	24	Tu.	4 44	7 28	10 31	3 47
4 49	7 23	11 0	1 21	25	W.	4 45	7 27	10 56	4 34
4 50	7 22	11 32	2 15	26	Th.	4 46	7 26	11 27	5 29
4 51	7 21	morn.	3 19	27	Fr.	4 47	7 25	morn.	6 30
4 52	7 20	13	4 27	28	Sa.	4 48	7 24	7	7 42
4 53	7 19	1 8	5 41	29	S.	4 49	7 23	1 1	8 56
4 54	7 18	2 13	6 49	30	M.	4 50	7 22	2 7	10 3
4 55	7 17	3 30	7 49	31	Tu.	4 51	7 21	3 23	11 6

END OF THE CIVIL WAR, 1865.

AUGUST 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
New Moon .... 1 D.	7 H. 24 M. mo.	6 H. 24 M. mo.
First Quarter.. 8 D.	5 H. 5 M. mo.	4 H. 5 M. mo.
Full Moon ....16 D.	8 H. 17 M. mo.	7 H. 17 M. mo.
Last Quarter ..24 D.	0 H. 40 M. mo.	11 H. 40 M. (23).
New Moon ....30 D.	3 H. 4 M. ev.	2 H. 4 M. ev.

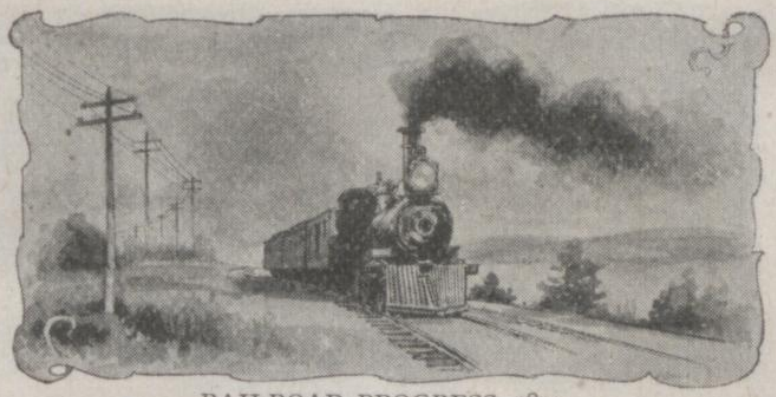
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England. New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
4 56	7 16	sets	8 41	1	W.	4 52	7 20	sets	11 56
4 57	7 14	8 20	9 32	2	Th.	4 53	7 18	8 22	morn.
4 58	7 13	8 47	10 15	3	Fr.	4 54	7 17	8 48	46
4 59	7 12	9 12	11 8	4	Sa.	4 55	7 16	9 12	1 30
5 0	7 11	9 35	11 39	5	S.	4 56	7 15	9 34	2 14
5 1	7 10	9 58	morn.	6	M.	4 57	7 14	9 55	2 55
5 2	7 9	10 23	25	7	Tu.	4 58	7 12	10 19	3 39
5 3	7 7	10 54	1 14	8	W.	4 59	7 11	10 48	4 27
5 4	7 6	11 30	2 9	9	Th.	5 0	7 10	11 23	5 20
5 5	7 5	morn.	3 10	10	Fr.	5 1	7 8	morn.	6 21
5 6	7 4	12	4 7	11	Sa.	5 2	7 7	5	7 22
5 7	7 2	1 2	5 9	12	S.	5 3	7 6	56	8 24
5 8	7 1	2 0	6 5	13	M.	5 4	7 4	1 53	9 19
5 9	7 0	3 0	6 55	14	Tu.	5 5	7 3	2 54	10 9
5 10	6 58	4 2	7 37	15	W.	5 6	7 1	3 58	10 54
5 11	6 57	rises	8 14	16	Th.	5 7	7 0	rises	11 32
5 12	6 55	7 37	8 55	17	Fr.	5 8	6 58	7 39	ev. 10
5 13	6 54	7 57	9 30	18	Sa.	5 10	6 57	7 57	44
5 14	6 53	8 16	10 5	19	S.	5 11	6 55	8 16	1 19
5 15	6 51	8 39	10 37	20	M.	5 12	6 54	8 37	1 55
5 16	6 50	9 3	11 15	21	Tu.	5 13	6 52	9 0	2 33
5 17	6 48	9 32	ev. 1	22	W.	5 14	6 51	9 28	3 16
5 17	6 47	10 8	52	23	Th.	5 15	6 49	10 2	4 5
5 18	6 45	10 58	1 53	24	Fr.	5 16	6 48	10 41	5 7
5 19	6 44	11 55	3 5	25	Sa.	5 17	6 46	11 49	6 19
5 20	6 42	morn.	4 21	26	S.	5 18	6 44	morn.	7 36
5 21	6 41	1 6	5 35	27	M.	5 19	6 43	59	8 49
5 22	6 39	2 20	6 40	28	Tu.	5 20	6 41	2 14	9 54
5 23	6 37	3 40	7 34	29	W.	5 21	6 39	3 35	10 50
5 24	6 36	4 56	8 17	30	Th.	5 22	6 38	4 54	11 35
5 25	6 34	sets	9 4	31	Fr.	5 23	6 36	sets	morn.

ACROSS THE CONTINENT, 1869.

SEPTEMBER 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
First Quarter.. 6 D.	8 H. 3 M. ev.	7 H. 3 M. ev.
Full Moon ....14 D.	11 H. 21 M. ev.	10 H. 21 M. ev.
Last Quarter ..22 D.	7 H. 32 M. mo.	6 H. 32 M. mo.
New Moon ....29 D.	0 H. 44 M. mo.	11 H. 44 M. (28).

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon sets	H. W. N. Y.	—	—	Sun rises	Sun sets	Moon sets	H. W. Bost'n
5 26	6 33	7 34	9 46	1	Sa.	5 24	6 35	7 33	18
5 27	6 31	7 57	10 23	2	S.	5 26	6 33	7 55	1 0
5 28	6 29	8 24	11 5	3	M.	5 27	6 31	8 20	1 39
5 29	6 28	8 52	11 51	4	Tu.	5 28	6 29	8 47	2 22
5 30	6 26	9 25	morn.	5	W.	5 29	6 28	9 19	3 6
5 31	6 25	10 8	41	6	Th.	5 30	6 26	10 1	3 55
5 32	6 23	10 56	1 38	7	Fr.	5 31	6 24	10 50	4 51
5 33	6 21	11 51	2 38	8	Sa.	5 32	6 22	11 44	5 52
5 34	6 20	morn.	3 42	9	S.	5 33	6 21	morn.	6 57
5 35	6 18	51	4 41	10	M.	5 34	6 19	44	7 56
5 36	6 16	1 51	5 36	11	Tu.	5 35	6 17	1 46	8 51
5 37	6 15	2 54	6 25	12	W.	5 36	6 15	2 50	9 37
5 38	6 13	3 59	7 8	13	Th.	5 37	6 14	3 56	10 22
5 39	6 11	rises	7 44	14	Fr.	5 38	6 12	rises	11 1
5 40	6 9	6 22	8 18	15	Sa.	5 39	6 10	6 22	11 36
5 41	6 8	6 44	9 5	16	S.	5 40	6 8	6 43	ev. 9
5 42	6 6	7 7	9 34	17	M.	5 41	6 7	7 5	48
5 43	6 4	7 35	10 13	18	Tu.	5 43	6 5	7 31	1 27
5 44	6 3	8 8	11 11	19	W.	5 44	6 3	8 3	2 9
5 45	6 1	8 52	11 41	20	Th.	5 45	6 1	8 46	2 57
5 46	5 59	9 46	ev. 39	21	Fr.	5 46	6 0	9 40	3 53
5 47	5 58	10 50	1 47	22	Sa.	5 47	5 58	10 43	4 59
5 48	5 56	12 0	2 59	23	S.	5 48	5 56	11 54	6 13
5 49	5 55	morn.	4 12	24	M.	5 49	5 54	morn.	7 27
5 50	5 53	1 17	5 21	25	Tu.	5 50	5 53	1 12	8 36
5 51	5 52	2 34	6 20	26	W.	5 51	5 51	2 31	9 34
5 52	5 50	3 49	7 10	27	Th.	5 52	5 49	3 47	10 24
5 53	5 48	sets	7 49	28	Fr.	5 53	5 47	sets	11 7
5 54	5 46	5 59	8 31	29	Sa.	5 54	5 46	5 57	11 48
5 54	5 44	6 22	9 14	30	S.	5 56	5 44	6 19	morn.



RAILROAD PROGRESS, 1870.

OCTOBER 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
First Quarter.. 6 D.	2 H. 1 M. ev.	1 H. 1 M. ev.
Full Moon ....14 D.	1 H. 41 M. ev.	0 H. 41 M. ev.
Last Quarter ..21 D.	1 H. 56 M. ev.	0 H. 56 M. ev.
New Moon ....28 D.	0 H. 57 M. ev.	11 H. 57 M. mo.

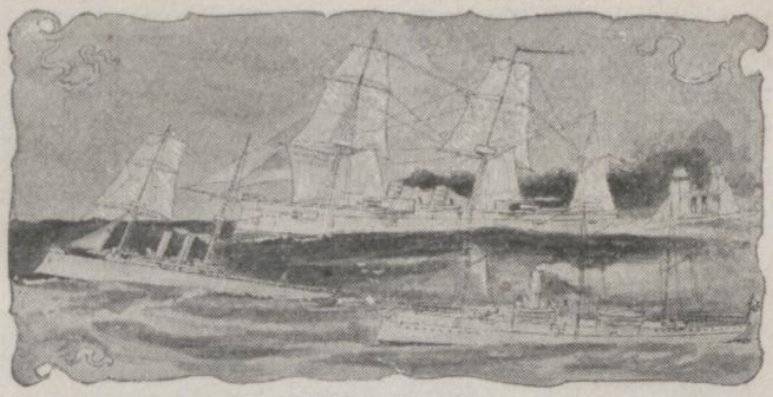
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
5 56	5 43	6 50	9 56	1	M.	5 57	5 42	6 45	27
5 57	5 41	7 20	10 35	2	Tu.	5 58	5 40	7 15	1 10
5 58	5 39	8 1	11 22	3	W.	5 59	5 39	7 55	1 53
5 59	5 38	8 46	morn.	4	Th.	6 0	5 37	8 40	2 40
6 0	5 36	9 39	15	5	Fr.	6 1	5 35	9 33	3 29
6 1	5 35	10 39	1 11	6	Sa.	6 2	5 33	10 33	4 24
6 2	5 33	11 38	2 10	7	S.	6 3	5 32	11 32	5 24
6 3	5 31	morn.	3 9	8	M.	6 4	5 30	morn.	6 23
6 4	5 30	43	4 5	9	Tu.	6 6	5 28	38	7 20
6 5	5 28	1 45	4 56	10	W.	6 7	5 27	1 41	8 12
6 7	5 27	2 48	5 45	11	Th.	6 8	5 25	2 46	9 0
6 8	5 25	3 51	6 28	12	Fr.	6 9	5 23	3 50	9 42
6 9	5 23	4 53	7 9	13	Sa.	6 10	5 22	4 53	10 23
6 10	5 22	rises	7 43	14	S.	6 11	5 20	rises	11 0
6 11	5 20	5 37	8 23	15	M.	6 13	5 19	5 34	11 41
6 12	5 19	6 10	9 9	16	Tu.	6 14	5 17	6 5	ev. 21
6 13	5 17	6 49	9 52	17	W.	6 15	5 15	6 37	1 6
6 14	5 16	7 41	10 38	18	Th.	6 16	5 14	7 34	1 56
6 15	5 14	8 43	11 34	19	Fr.	6 17	5 12	8 37	2 50
6 16	5 13	9 51	ev. 37	20	Sa.	6 18	5 11	9 45	3 51
6 18	5 12	11 5	1 44	21	S.	6 20	5 9	10 59	4 57
6 19	5 10	morn.	2 52	22	M.	6 21	5 8	morn.	6 6
6 20	5 9	20	3 58	23	Tu.	6 22	5 6	15	7 13
6 21	5 7	1 33	4 56	24	W.	6 23	5 5	1 30	8 12
6 22	5 6	2 45	5 50	25	Th.	6 24	5 3	2 44	9 5
6 23	5 4	3 54	6 38	26	Fr.	6 26	5 2	3 55	9 52
6 24	5 3	5 5	7 22	27	Sa.	6 27	5 1	5 6	10 37
6 26	5 2	sets	8 2	28	S.	6 28	4 59	sets	11 20
6 27	5 1	5 19	8 45	29	M.	6 29	4 57	5 14	12 0
6 28	4 59	5 54	9 31	30	Tu.	6 31	4 57	5 48	morn.
6 29	4 58	6 38	10 15	31	W.	6 32	4 55	6 31	45

ELECTRICITY, 1879.

NOVEMBER 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
First Quarter.. 5 D.	10 H. 16 M. mo.	9 H. 16 M. mo.
Full Moon ....13 D.	2 H. 49 M. mo.	1 H. 49 M. mo.
Last Quarter ..19 D.	8 H. 9 M. ev.	7 H. 9 M. ev.
New Moon ....27 D.	3 H. 54 M. mo.	2 H. 54 M. mo.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
6 30	4 57	7 29	11 1	1	Th.	6 33	4 54	7 23	1 30
6 31	4 56	8 25	11 51	2	Fr	6 34	4 53	8 18	2 19
6 32	4 54	9 26	morn.	3	Sa.	6 36	4 51	9 20	3 6
6 34	4 53	10 28	42	4	S.	6 37	4 50	10 23	3 56
6 35	4 52	11 32	1 36	5	M.	6 38	4 49	11 28	4 49
6 36	4 51	morn.	2 28	6	Tu.	6 39	4 48	morn.	5 42
6 37	4 50	34	3 17	7	W.	6 41	4 47	31	6 31
6 38	4 49	1 35	4 7	8	Th.	6 42	4 45	1 34	7 22
6 40	4 48	2 38	4 55	9	Fr.	6 43	4 44	2 38	8 11
6 41	4 47	3 41	5 43	10	Sa.	6 44	4 43	3 43	8 58
6 42	4 46	4 46	6 29	11	S.	6 46	4 42	4 48	9 43
6 43	4 45	5 56	7 13	12	M.	6 47	4 41	6 0	10 28
6 44	4 44	rises	7 58	13	Tu.	6 48	4 40	rises	11 20
6 46	4 43	5 36	8 48	14	W.	6 49	4 39	5 29	ev. 3
6 47	4 42	6 34	9 42	15	Th.	6 51	4 39	6 28	56
6 48	4 41	7 43	10 36	16	Fr.	6 52	4 38	7 36	1 52
6 49	4 40	8 56	11 31	17	Sa.	6 53	4 37	8 50	2 47
6 50	4 39	10 10	ev. 32	18	S.	6 54	4 36	10 6	3 46
6 51	4 39	11 23	1 31	19	M.	6 56	4 35	11 20	4 44
6 53	4 38	morn.	2 31	20	Tu.	6 57	4 34	morn.	5 45
6 54	4 38	35	3 28	21	W.	6 58	4 34	33	6 42
6 55	4 37	1 44	4 23	22	Th.	6 59	4 33	1 44	7 38
6 56	4 36	2 52	5 15	23	Fr.	7 0	4 32	2 54	8 30
6 57	4 36	4 1	6 5	24	Sa.	7 2	4 32	4 4	9 29
6 58	4 35	5 10	6 53	25	S.	7 3	4 31	5 14	10 7
6 59	4 35	6 19	7 37	26	M.	7 4	4 31	6 24	10 54
7 0	4 35	sets	8 22	27	Tu.	7 5	4 30	sets	11 40
7 2	4 34	5 20	9 10	28	W.	7 6	4 30	5 13	morn.
7 3	4 34	6 14	9 57	29	Th.	7 7	4 30	6 7	23
7 4	4 34	7 14	10 38	30	Fr.	7 8	4 29	7 8	1 11



NEW NAVY, 1885.

DECEMBER 1894

MOON'S PHASES.	EASTERN TIME.	CENTRAL TIME.
First Quarter.. 5 D.	7 H. 15 M. mo.	6 H. 15 M. mo.
Full Moon ....12 D.	2 H. 46 M. ev.	1 H. 46 M. ev.
Last Quarter ..19 D.	6 H. 15 M. mo.	5 H. 15 M. mo.
New Moon ....26 D.	9 H. 20 M. ev.	8 H. 20 M. ev.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			
Sun rises	Sun sets	Moon sets	H. W. N. Y.			Sun rises	Sun sets	Moon sets	H. W. Bost'n
7 5	4 34	8 12	11 23	1	Sa.	7 10	4 29	8 9	1 56
7 6	4 33	9 19	morn.	2	S.	7 11	4 29	9 14	2 41
7 7	4 33	10 21	9	3	M.	7 12	4 28	10 17	3 24
7 8	4 33	11 22	53	4	Tu.	7 13	4 28	11 20	4 6
7 9	4 32	morn.	1 40	5	W.	7 14	4 28	morn.	4 53
7 10	4 32	23	2 24	6	Th.	7 15	4 28	22	5 38
7 11	4 32	1 23	3 13	7	Fr.	7 16	4 28	1 24	6 27
7 12	4 32	2 26	4 4	8	Sa.	7 17	4 28	2 28	7 19
7 13	4 32	3 33	4 56	9	S.	7 17	4 28	3 36	8 12
7 14	4 32	4 44	5 51	10	M.	7 18	4 28	4 49	9 6
7 15	4 32	5 58	6 47	11	Tu.	7 19	4 28	6 4	10 2
7 15	4 32	rises	7 41	12	W.	7 20	4 28	rises	10 58
7 16	4 33	5 24	8 37	13	Th.	7 21	4 28	5 17	11 54
7 16	4 33	6 38	9 34	14	Fr.	7 22	4 28	6 32	ev. 48
7 17	4 33	7 55	10 28	15	Sa.	7 22	4 29	7 51	1 44
7 18	4 33	9 13	11 20	16	S.	7 23	4 29	9 10	2 38
7 18	4 33	10 27	ev. 14	17	M.	7 24	4 29	10 25	3 29
7 19	4 34	11 38	1 7	18	Tu.	7 24	4 29	11 37	4 20
7 20	4 34	morn.	1 58	19	W.	7 25	4 30	morn.	5 12
7 20	4 35	45	2 52	20	Th.	7 26	4 30	46	6 6
7 21	4 35	1 53	3 46	21	Fr.	7 26	4 31	1 55	7 1
7 21	4 36	3 1	4 41	22	Sa.	7 26	4 31	3 4	7 56
7 22	4 37	4 10	5 37	23	S.	7 27	4 32	4 15	8 52
7 22	4 37	5 17	6 21	24	M.	7 27	4 32	5 23	9 44
7 23	4 38	6 19	7 20	25	Tu.	7 28	4 33	6 26	10 35
7 23	4 39	sets	8 15	26	W.	7 28	4 33	sets	11 22
7 23	4 39	5 5	8 52	27	Th.	7 28	4 34	4 59	morn.
7 23	4 40	6 6	9 35	28	Fr.	7 29	4 35	6 0	7
7 24	4 40	7 9	10 15	29	Sa.	7 29	4 36	7 4	49
7 24	4 41	8 10	10 51	30	S.	7 29	4 37	8 6	1 30
7 24	4 42	9 11	11 30	31	M.	7 30	4 37	9 9	2 9

Machinery Hall, Columbian Exposition.

INTEREST TABLES.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

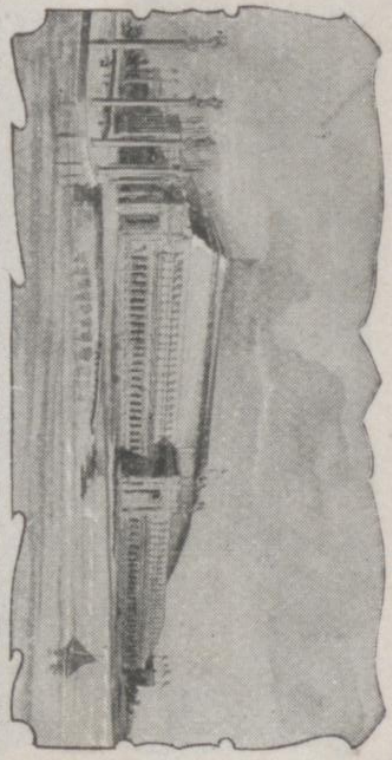
5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
4 "	2	4	5	6	9	10	12	14	15	17	1.67	16.67
5 "	2	4	7	9	11	13	15	17	19	21	2.09	20.84
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

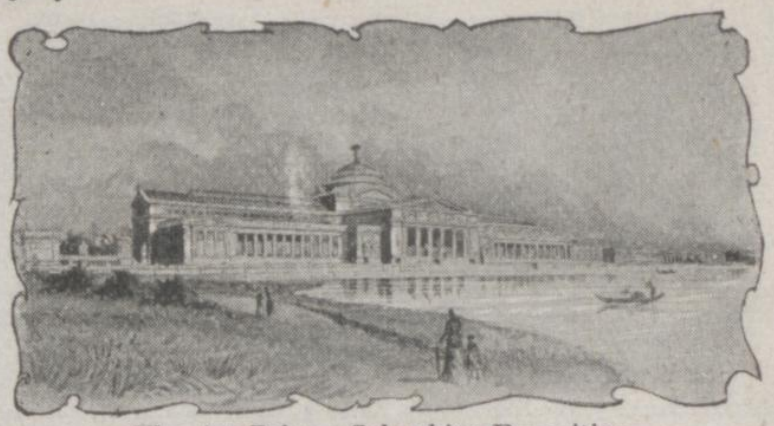
TABLE OF WAGES BY THE WEEK.

Wages	Half hour.	One hour.	Two hours	Four hours.	Five hours.	Six hours	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	6 d.
$3	.02½	.05	.10	.20	.25	.30	.40	.45	.50	1.00	1.50	2.00	2.50	3
4	.03⅓	.06⅔	.13⅓	.26⅔	.33⅓	.40	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4
5	.04⅙	.08⅓	.16⅔	.33⅓	.41⅔	.50	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5
6	.05 5/6	.10	.20	.40	.50	.60	.80	.90	1.00	2.00	3.00	4.00	5.00	6
7	.05 5/6	.11⅔	.23⅓	.46⅔	.58⅓	.70	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7
8	.06⅔	.13⅓	.26⅔	.53⅓	.66⅔	.80	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8
9	.07½	.15	.30	.60	.75	.90	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9
10	.08⅓	.16⅔	.33⅓	.66⅔	.83⅓	1.00	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10
11	.09⅙	.18⅓	.36⅔	.73⅓	.91⅔	1.10	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11
12	.10	.20	.40	.80	1.00	1.20	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12
13	.10 5/6	.21⅔	.43⅓	.86⅔	1.08⅓	1.30	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13
14	.11⅔	.23⅓	.46⅔	.93⅓	1.16⅔	1.40	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14
15	.12½	.25	.50	1.00	1.25	1.50	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15
16	.13⅓	.26⅔	.53⅓	1.06⅔	1.33⅓	1.60	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16
17	.14⅙	.28⅓	.56⅔	1.13⅓	1.41⅔	1.70	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17
18	.15	.30	.60	1.20	1.50	1.80	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18
19	.15 5/6	.31⅔	.63⅓	1.26⅔	1.58⅓	1.90	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19
20	.16⅔	.33⅓	.66⅔	1.33⅓	1.66⅔	2.00	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20
24	.20	.40	.80	1.60	2.00	2.40	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24

This Table is based upon the usual calculation of 10 hours to a day.



Manufactures and Liberal Arts Build'g, Columbian Exposition.



The Art Palace, Columbian Exposition.

THE COLUMBIAN EXPOSITION,

To commemorate the four hundredth anniversary of the discovery of America, will be held on the shore of Lake Michigan, in the City of Chicago, and will be opened on the first day of May, 1893, and closed on the 30th day of October following.

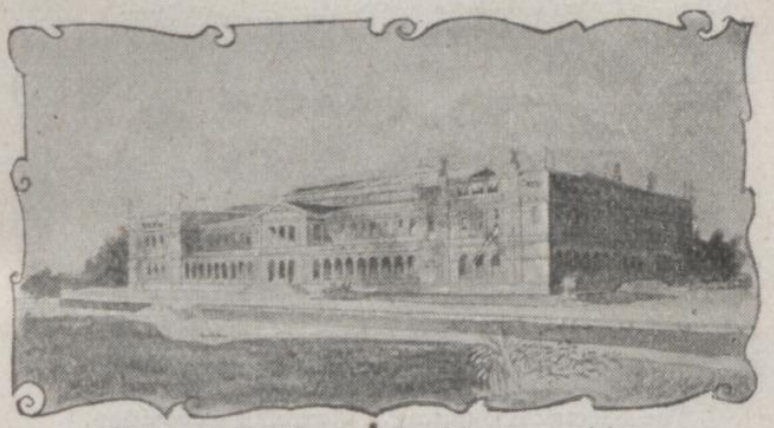
Jackson Park and Midway Plaisance — the Exposition site — are in the southeastern part of Chicago, and embrace 666 acres, with a frontage of about a mile and a half on Lake Michigan. Forty-five miles of boulevard connect the site with the general park system, which embraces fifteen or more parks, aggregating 2,000 acres.

ADMINISTRATION BUILDING. The Administration Building is pronounced the gem and crown of the Exposition palaces. It is located at the west end of the great court in the southern part of the site looking eastward, and at its rear are the transportation facilities and depots. The most conspicuous object which will attract the gaze of visitors on reaching the grounds is the gilded dome of this lofty building. This imposing edifice will cost about $450,000. The architect is Richard M. Hunt, of New-York, President of the American Institute of Architects. It covers an area of 260 feet square, and consists of four pavilions 84 feet square, one at each of the four angles of the square, and connected by a great central dome 120 feet in diameter and 220 feet in height, leaving at the center of each façade a recess 82 feet wide.

THE MANUFACTURES AND LIBERAL ARTS BUILDING. Notable for its symmetrical proportions, the Manufactures and Liberal Arts Building is the mammoth structure of the Exposition. It measures 1,687 by 787 feet and covers nearly 31 acres, being the largest Exposition building ever constructed, and erected at a cost of $1,000,000. Within the building a gallery 50 feet wide extends around all four sides, and projecting from this are 86 smaller galleries, 12 feet wide, from which visitors may survey the vast array of exhibits and the busy scene below.

MACHINERY BUILDING, of which Peabody & Stearns, of Boston, are the architects, has been pronounced by many architects second only to the Administration Building in the magnificence of its appearance. This building measures 850 by 500 feet, and, with Machinery Annex and power house, will cost about $1,200,000. It is located at the extreme south end of the park, midway between the shore of Lake Michigan and the west line of the park. It is just south of the Administration Building, and west, across a lagoon, from the Agricultural Building. The building is spanned by three arched trusses, and surrounded on all of the four sides by a gallery 50 feet wide.

ART BUILDING. It is the intention to locate on the Lake Front Park, near the heart of the city, the buildings required for Department "K," embracing Fine Arts, Pictorial Plastic and Decorative, and also a portion of Department "L," at a cost of $500,000.



Woman's Building, Columbian Exposition.

THE COLUMBIAN EXPOSITION.

THE GOVERNMENT BUILDING. Located near the Lake shore, south of the main lagoon and of the area reserved for the foreign nations and the several States, and east of the Woman's Building and of Midway Plaisance, is the Government Exhibit Building. The Government Building was designed by Architect Windrim, now succeeded by W. J. Edbrooke. It is classic in style, and bears a strong resemblance to the National Museum and other Government buildings at Washington. It covers an area of 350 by 420 feet, is constructed of iron, brick and glass, and cost $400,000. Its leading architectural feature is a central octagonal dome 120 feet in diameter and 150 feet high.

HORTICULTURAL BUILDING. The building is 1,000 feet long, with an extreme width of 286 feet. The plan is a central pavilion with two end pavilions, each connected to the center pavilion by front and rear curtains, forming two interior courts, each 88 by 270 feet.

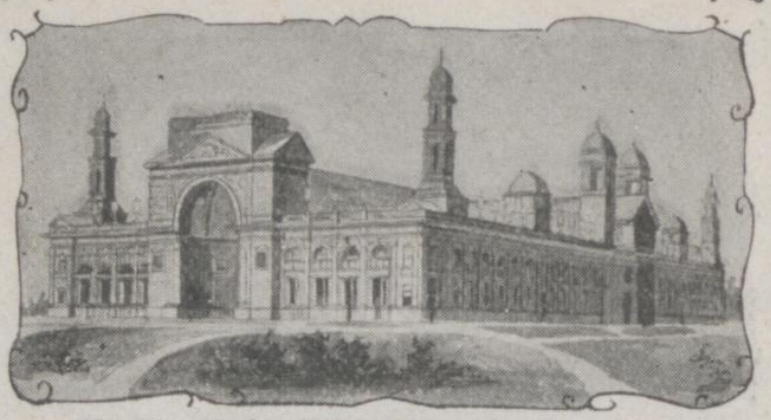
THE ELECTRICAL BUILDING. The Electrical Building, the seat of perhaps the most novel and brilliant exhibit in the whole Exposition, is 345 feet wide and 700 feet long, the major axis running north and south. The south front is on the great Quadrangle or Court; the north front faces the lagoon; the east front is opposite the Manufactures Building, and the west faces the Mines Building.

THE HALL OF MINES AND MINING. Located between the Electricity and Transportation Buildings is the Mines and Mining Building. This building is 700 feet long by 350 feet wide. The galleries are 60 feet wide and 25 feet high from the ground floor, and are lighted on the sides by large windows, and from above by a high clearstory extending around the building.

THE WOMAN'S BUILDING. The President of the Board of Lady Managers quickly discovered in the sketch submitted by Miss Sophia G. Hayden that harmony of grouping and gracefulness of details which indicate the architectural scholar, and to her was awarded the first prize of a thousand dollars, and also the execution of the design. The principal façade has an extreme length of 400 feet, the depth of the Building being half this distance.

THE FISHERIES BUILDING. The Fisheries Building embraces a large central structure with two smaller polygonal buildings connected with it on either end by arcades. The extreme length of the building is 1,100 feet and the width 200 feet.

THE FORESTRY BUILDING. The Forestry Building is in appearance the most unique of all the Exposition structures. Its dimensions are 200 by 500 feet. On all four sides of the building is a veranda, supporting the roof of which is a colonnade consisting of a series of columns composed of three tree-trunks each 25 feet in length, one of them from 16 to 20 inches in diameter and the others smaller. All of these trunks are left in their natural state, with bark undisturbed.



The Electrical Building, Columbian Exposition.

DOMESTIC POSTAGE.

FIRST CLASS.—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp when attached to a letter, in addition to the lawful postage, shall entitle the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each; with paid reply, two cents each.

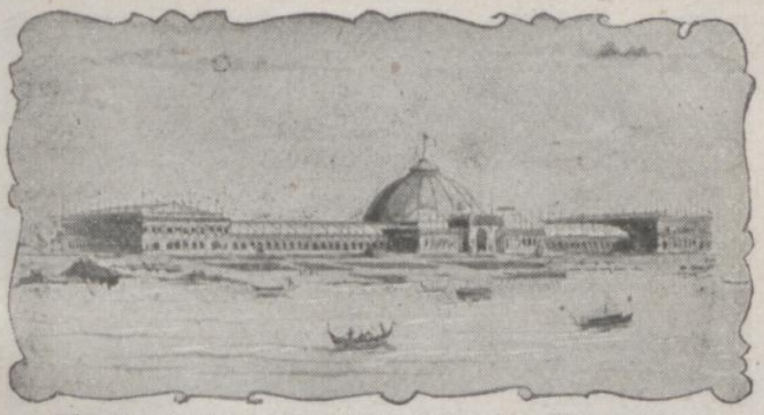
SECOND CLASS.—All regular newspapers, magazines and other periodicals issued at intervals not exceeding three months; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.—Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are 1 c. per two ounces. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Direct your mail matter to a post-office, writing the name of the *State* plainly; and if to a city, add the street and number or post-office box of the person addressed. Matter not addressed to a post-office cannot be forwarded. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure its immediate return to you for correction, if improperly addressed or insufficiently paid; and if it is not called for at destination it can be returned to you without going to the Dead Letter office. If a letter, it will be returned free. Register all valuable letters and packages. **Registry fee, eight cts.,** which, with the postage, must be fully prepaid.

POSTAL NOTE AND MONEY ORDER FEES.—Postal notes, 3 c. each, in denominations of $4.99 and less, payable to bearer. Such notes are invalid upon the expiration of three months from the last day of the month of issue, but the holder can after that time get it renewed at the Department at Washington, upon payment of a fee of 3 cents. For Money Orders in denominations of $100 or less, the following fees are charged: Orders not exceeding $5, 5 c.; over $5 to $10, 8 c.; $10 to $15, 10 c.; $15 to $30, 15 c.; $30 to $40, 20 c.; $40 to $50, 25 c.; $50 to $60, 30 c.; $60 to $70, 35 c.; $70 to $80, 40 c.; $80 to $100, 45 c.



The Horticultural Building, Columbian Exposition.

FOREIGN POSTAGE.

To all parts of the Universal Postal Union (embracing nearly every civilized country):

ON LETTERS, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

TO CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER, same as in the United States; SAMPLES AND MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. 6 oz. in weight—prepayment compulsory.

TO MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per ounce**; MERCHANDISE other than Samples can only be sent by Parcel Post.

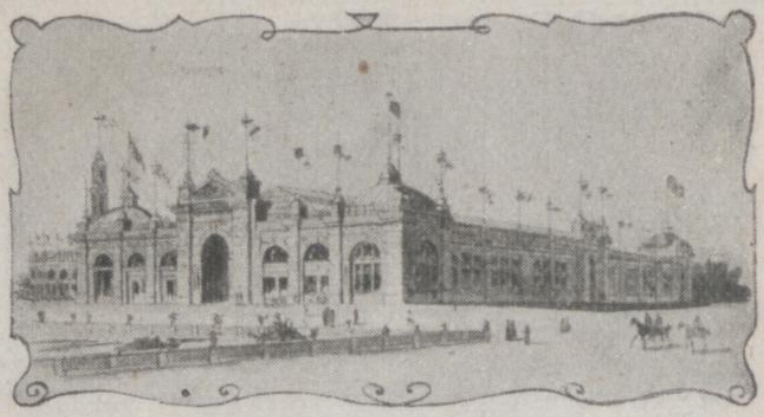
LIMITS OF SIZE AND WEIGHT: Packages of samples of merchandise to the countries named above (except Great Britain, France, Belgium, and Switzerland), must not exceed 8¾ oz., nor measure more than 8 in. in length, 4 in breadth, and 2 in depth; and packages of printed matter must not exceed 4 lbs. 6 oz. Packages of merchandise samples to Great Britain, France, Belgium, Switzerland, and Argentine Republic are limited to 12 oz. in weight, 12 in. in length, 8 in width, and 4 in depth. Packages of printed matter to Germany and Great Britain are limited to 2 ft. in length and 1 ft. in each other dimension.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

On Algeria, Belgium, British India, Cape Colony, Constantinople, Denmark, Dominion of Canada, Egypt, England, France, German Empire, Hong Kong, Ireland, Italy, Jamaica, Japan, Newfoundland, New South Wales, New Zealand, Portugal, Sandwich Islands, Scotland, Shanghai, Sweden, Switzerland, Tasmania, Victoria.

For Orders of $10 or less. 10c.	Over $50, not exceed. $60, 60c.
Over $10, not exceed. $20, 20c.	Over $60, not exceed. $70, 70c.
Over $20, not exceed. $30, 30c.	Over $70, not exceed. $80, 80c.
Over $30, not exceed. $40, 40c.	Over $80, not exceed. $90, 90c.
Over $40, not exceed. $50, 50c.	Over $90, not exceed. $100, $1

Orders can also be obtained on Austria and East Indies by remittance through the Postal Department of Switzerland, subject to the rates of the Swiss Department to those countries. Also on Norway and the Netherlands, through the Postal Department of the German Empire, subject to the rates of the German Department to those countries.

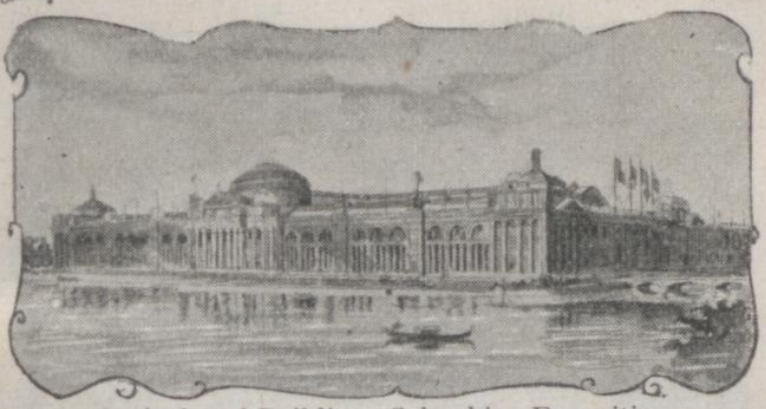


Hall of Mines and Mining, Columbian Exposition.

PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

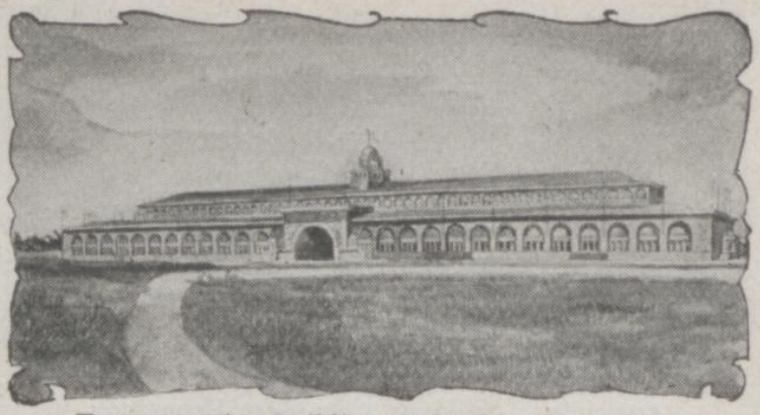
CITIES.	Population 1890.	Miles	Hours	Stan. Time − + Mean Time.
New-York, N. Y.	1,513,501	....	.....	− 4 m.
Chicago, Ill.	1,098,576	912	24.	− 9
Philadelphia, Pa.	1,044,894	90	2.	+ 1
Brooklyn, N. Y.	804,377	....	.....	− 4
St. Louis, Mo.	450,245	1065	29.40	+ 1
Boston, Mass.	446,507	234	6.	− 16
Baltimore, Md	433,547	188	4.09	+ 6
San Francisco, Cal.	297,990	3209	132.	+ 10
Cincinnati, Ohio	296,309	757	21.10	− 22
Cleveland, Ohio	261,546	585	14.20	+ 27
Buffalo, N. Y.	254,457	410	9.45	+ 16
New Orleans, La.	241,995	1371	48.	0
Pittsburgh, Pa	238,473	444	12.	+ 20
Washington, D. C.	228,160	228	5.25	+ 8
Detroit, Mich	205,669	646	19.10	− 28
Milwaukee, Wis.	204,150	997	27.10	− 8
Newark, N. J	181,518	10	.30	− 3
Minneapolis, Minn.	164,738	1332	50.50	+ 12
Louisville, Ky.	161,005	867	24.30	− 18
Omaha, Neb.	139,526	1402	43.30	+ 14
Rochester, N. Y.	138,327	374	8.50	+ 11
St. Paul, Minn	133,156	1322	50.30	+ 12
Kansas City, Mo.	132,416	1385	41.30	+ 19
Providence, R. I	132,099	188	5.30	− 14
Denver, Col.	126,186	1982	56.30	0
Indianapolis, Ind.	107,445	825	23.	− 16
Albany, N. Y.	93,523	145	3.30	− 5
Columbus, Ohio	90,398	540	17.	− 28
Syracuse, N. Y.	87,877	293	7.15	+ 5
Worcester, Mass.	84,536	190	5.	− 13
Toledo, Ohio	82,652	706	17.30	− 16
Richmond, Va	80,838	342	11.15	+ 10
Nashville, Tenn	76,309	1000	30.30	− 17
Memphis, Tenn.	64,586	1244	44.30	0
Grand Rapids, Mich.	64,147	934	30.30	− 17
Lincoln, Neb.	55,491	1460	43.	+ 22
Charleston, S. C.	54,592	803	31.	+ 24
Hartford, Conn.	53,182	113	3.	− 9
Des Moines, Iowa	50,067	1270	41.	+ 14
Portland, Or.	47,294	3232	133.	+ 20
Salt Lake City, Utah	45,025	2471	72.	+ 28
Seattle, Wash.	43,914	3358	142.	− 10
Savannah, Ga.	41,762	904	31.	+ 24
Galveston, Texas	29,118	1782	63.	+ 19
Leavenworth, Kan.	20,250	1369	41.	+ 20
Rutland, Vt.	11,757	232	8.	− 9



Agricultural Building, Columbian Exposition.

STATES AND TERRITORIES.

STATES AND TERRITORIES.	Square Miles.	When Settled.	Ad-mitted.	Populat'n in 1890.	Elec'l Vote.
Alabama.....	52,250	1711	1819	1,513,017	11
Arkansas.....	53,850	1685	1836	1,128,179	8
California.....	158,360	1768	1850	1,208,130	9
Colorado.....	103,925	1806	1876	412,198	4
Connecticut.....	4,990	1635	1789	746,258	6
Delaware.....	2,050	1638	1787	168,493	3
Florida.....	58,680	1565	1845	391,422	4
Georgia.....	59,475	1733	1789	1,837,353	13
Idaho.....	84,800	1860	1890	84,385	3
Illinois.....	56,650	1682	1818	3,826,351	24
Indiana.....	36,350	1702	1816	2,192,404	15
Iowa.....	56,025	1788	1837	1,911,896	13
Kansas.....	82,080	1719	1861	1,427,096	10
Kentucky.....	40,400	1787	1792	1,858,635	13
Louisiana.....	48,720	1699	1812	1,118,587	8
Maine.....	33,040	1635	1820	661,086	6
Maryland.....	12,210	1634	1789	1,042,390	8
Massachusetts...	8,315	1620	1789	2,238,943	15
Michigan.....	58,915	1670	1837	2,093,889	14
Minnesota.....	83,365	1819	1858	1,301,826	9
Mississippi.....	46,810	1716	1817	1,289,600	9
Missouri.....	69,415	1764	1821	2,679,184	17
Montana.....	146,080	1860	1889	132,159	3
Nebraska.....	77,510	1854	1867	1,058,910	8
Nevada.....	110,700	1848	1864	45,761	3
New Hampshire.	9,305	1623	1789	376,530	4
New Jersey.....	7,815	1620	1789	1,444,933	10
New-York.....	49,170	1614	1789	5,997,853	36
North Carolina..	52,250	1650	1789	1,617,947	11
North Dakota...	68,645	....	1889	182,719	3
Ohio.....	41,060	1788	1802	3,672,316	23
Oregon.....	96,030	1811	1859	313,767	4
Pennsylvania....	45,215	1638	1789	5,258,014	32
Rhode Island...	1,250	1636	1790	345,506	4
South Carolina..	30,570	1690	1789	1,151,149	9
South Dakota...	79,800	....	1889	328,808	4
Tennessee.....	42,050	1750	1796	1,767,518	12
Texas.....	265,780	1685	1845	2,235,523	15
Vermont.....	9,565	1724	1791	332,422	4
Virginia.....	42,450	1607	1789	1,655,980	12
Washington.....	69,180	1845	1889	349,390	4
West Virginia...	24,780	1607	1863	762,794	6
Wisconsin.....	56,040	1669	1847	1,686,880	12
Wyoming.....	97,890	1869	1890	60,705	3
Alaska Ter..	561,409	1741	....	40,000	....
Arizona " ..	113,020	1582	....	59,620	....
Indian " ..	64,609	1834	....	.....	....
New Mexico " .	122,580	1582	....	153,593	....
Oklahoma " ..	39,450	....	....	61,834	....
Utah " ..	84,970	1847	....	207,905	....



Transportation Building, Columbian Exposition.

VALUE OF FOREIGN COINS.

DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.69.8
Bolivar	Venezuela	.14.
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Liberia	1.00.
"	Mexico	.75.8
"	Sandwich Islands	1.00.
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
Half Imperial	Russia	3.97.
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mahbub of 20 piasters	Tripoli	.62.9
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" " "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
"	Ecuador	.69.8
"	U. S. of Columbia	.69.8
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sovereign)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Rupee of 16 annas	India	.33.2
Shilling	England,	.24.
Sol	Peru	.69.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.75.2

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.

WEA. MON. JAN. 1, 1894 THER.

WEA. TUESDAY 2 THER.

Blank Page(s)

WEA. WEDNESDAY 3 THER.

WEA. FRI. MARCH 23, 1894 THER.

P. Build ask 5# 7,40 = 5,40
Butter 16

WEA. SATURDAY 24 THER.

WEA. SUNDAY 25 THER.

WEA. MON. MARCH 26, 1894 THER.

WEA. TUESDAY 27 THER.

Meat ,35 + Boots 1.20 = 1,55

WEA. WEDNESDAY 28 THER.

Flour & Macaroni ,50

WEA. THUR. MARCH 29, 1894 THER.

WEA. FRIDAY 30 THER.

Meat .65 Church .35 = 1.00

WEA. SATURDAY 31 THER.

WEA. SUN. APRIL 1, 1894 THER.

WEA. MONDAY 2 THER.

Blank Page(s)

WEA. TUESDAY 3 THER.

WEA. MON. APRIL 16, 1894 THER.

W. F. & self at Denton

WEA. TUESDAY 17 THER.

at Cattlestown

WEA. WEDNESDAY 18 THER.

WEA. THUR. APRIL 19, 1894 THER.

WEA. FRIDAY 20 THER.

WEA. SATURDAY 21 THER.

6. P.M. T. +48°

WEA. SUN. APRIL 22, 1894 THER.

6 a.m. T. 48°

WEA. MONDAY 23 THER.

WEA. TUESDAY 24 THER.

N.T. left for Maine

Sowed Mascotte Tomato

WEA. WED. APRIL 25, 1894 THER.

WEA. THURSDAY 26 THER.

Blank Page(s)

WEA. FRIDAY 27 THER.

WEA. MON. MAY 7, 1894 THER.

WEA. TUESDAY 8 THER.

At Court

WEA. WEDNESDAY 9 THER.

at, court

WEA. THUR. MAY 10, 1894 THER.

WEA. FRIDAY 11 THER.

WEA. SATURDAY 12 THER.

WEA. SUN. MAY 13, 1894 THER.

WEA. MONDAY 14 THER.

WEA. TUESDAY 15 THER.

WEA. WED. MAY 16, 1894 THER.

Completed Corn planting

WEA. THURSDAY 17 THER.

WEA. FRIDAY 18 THER.

Planted out Tomatoes (Home)

WEA. SAT. MAY 19, 1894 THER.

WEA. SUNDAY 20 THER.

WEA. MONDAY 21 THER.

WEA. TUES. MAY 22, 1894 THER.

WEA. WEDNESDAY 23 THER.

WEA. THURSDAY 24 THER.

WEA. FRI. MAY 25, 1894 THER.

WEA. SATURDAY 26 THER.

Planted Cucumbers & Beans

WEA. SUNDAY 27 THER.

Planted Pop Corn, Cantelope
& Watermelon

WEA. MON. MAY 28, 1894 THER.

WEA. TUESDAY 29 THER.

Blank Page(s)

WEA. WEDNESDAY 30 THER.

WEA. THUR. MAY 31, 1894 THER.

WEA. FRI. JUNE 1 THER.

WEA. SATURDAY 2 THER.

WEA. SAT. JUNE 9, 1894 THER.

Planted Stone Mason Cottage seed

WEA. SUNDAY 10 THER.

WEA. MONDAY 11 THER.

Haying - Stanner 1

WEA. TUES. JUNE 12, 1894 THER.

Haying Stanna 1

WEA. WEDNESDAY 13 THER.

Haying-Stanna 1

Evening, Thursday & Friday

WEA. THURSDAY 14 THER.

WEA. FRI. JUNE 15, 1894 THER.

WEA. SATURDAY 16 THER.

WEA. SUNDAY 17 THER.

Moto Selina

ER. WEA. MON. JUNE 18, 1894 THER.

ER. WEA. TUESDAY 19 THER.

Blank Page(s)

ER. WEA. WEDNESDAY 20 THER.

WEA. WED. JUNE 27, 1894 THER.

WEA. THURSDAY 28 THER.

Dowd Cottage

WEA. FRIDAY 29 THER.

HER.

WEA. SAT. JUNE 30, 1894 THER.

HER.

WEA. SUN. JULY 1 THER.

Blank Page(s)

HER.

WEA. MONDAY 2 THER.

WEA. MON. JULY 9, 1894 THER.

Yr mo D
1894-7-9
1893-12-18
6-21 = 3.35
or $0.39 per D Ans
3.35 x 1800 = $60.30 Ans

WEA. TUESDAY 10 THER.

M.J.H 26.15 } 7000
H.H. 28.70 } 64.85
35.15

WEA. WEDNESDAY 11 THER.

ER. WEA. THUR. JULY 12, 1894 THER.

ER. WEA. FRIDAY 13 THER.

Blank Page(s)

ER. WEA. SATURDAY 14 THER.

WEA. THUR. AUG. 2, 1894 THER.

Heavy Shower

WEA. FRIDAY 3 THER.

WEA. SATURDAY 4 THER.

IER.

WEA. SUN. AUG. 5, 1894 THER.

A "Gutter Washer" this Evening

IER.

WEA. MONDAY 6 THER.

IER.

WEA. TUESDAY 7 THER.

WEA. WED. AUG. 8, 1894 THER.

WEA. THURSDAY 9 THER.

WEA. FRIDAY 10 THER.

Hold 1/2 B. Beans

ER. WEA. SAT. AUG. 11, 1894 THER.

A Shower last Evening
ground much improved

ER. WEA. SUNDAY 12 THER.

ER. WEA. MONDAY 13 THER.

WEA. TUES. AUG. 14, 1894 THER.

WEA. WEDNESDAY 15 THER.

A gentle rain this morning

WEA. THURSDAY 16 THER.

ER. WEA. FRI. AUG. 17, 1894 THER.

ER. WEA. SATURDAY 18 THER.

Blank Page(s)

R. WEA. SUNDAY 19 THER.

HER. WEA. TUES. SEPT. 4, 1894 THER.

HER. WEA. WEDNESDAY 5 THER.

ER. WEA. THURSDAY 6 THER.

Out at Adam Springs
with Mr Stewarts
Party — a large Co.
and a pleasant time

WEA. FRI. SEPT. 7, 1894 THER.

WEA. SATURDAY 8 THER.

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WEA. SUNDAY 9 THER.

WEA. SAT. OCT. 13, 1894 THER.

WEA. SUNDAY 14 THER.

WEA. MONDAY 15 THER.

No Tobac

HER.

WEA. TUES. OCT. 16, 1894 THER.

ER.

WEA. WEDNESDAY 17 THER.

Blank Page(s)

ER.

WEA. THURSDAY 18 THER.

ER. WEA. FRI. NOV. 9, 1894 THER.

ER. WEA. SATURDAY 10 THER.

Cold & cloudy with indications of snow

R. WEA. SUNDAY 11 THER.

Samp. snow falling the first this season

WEA. MON. NOV. 12, 1894 THER.

This Morning T +16

Sun out at Midday
& Warmer, Evening Cold
& Cloudy

WEA. TUESDAY 13 THER.

6 A.M. T 35° +
Sky Overcast

WEA. WEDNESDAY 14 THER.

Warmer but overcast
Snow all gone

ER.

WEA. THUR. NOV. 15, 1894 THER.

6 A.M. T 30° indica
of a clear day

ER.

WEA. FRIDAY 16 THER.

ER.

WEA. SATURDAY 17 THER.

WEA. SUN. NOV. 18, 1894 THER.

WEA. MONDAY 19 THER.

6 am. 26° ~~sky~~ flecked with clouds

WEA. TUESDAY 20 THER.

WEA. WED. NOV. 21, 1894 THER.

Wm arrived at 10.05 this Evening at Coal Grove, Sent Schaefer over for him, he seems OK

WEA. THURSDAY 22 THER.

WEA. FRIDAY 23 THER.

WEA. SAT. NOV. 24, 1894 THER.

WEA. SUNDAY 25 THER.

WEA. MONDAY 26 THER.

6 am 27 26 + sky shows
Mackerel back!

ER.

WEA. TUES. NOV. 27, 1894 THER.

ER.

WEA. WEDNESDAY 28 THER.

ER.

WEA. THURSDAY 29 THER.

WEA. FRI. NOV. 30, 1894 THER.

Cloudy 45°+

WEA. SAT. DEC. 1 THER.

Rain 44°+

WEA. SUNDAY 2 THER.

Rain 54°+

HER. WEA. MON. DEC. 3, 1894 THER.

45° + Clear 29° +

HER. WEA. TUESDAY 4 THER.

44 +

HER. WEA. WEDNESDAY 5 THER.

54° +

Morning Cool but
a Sunny Evening

WEA. THUR. DEC. 6, 1894 THER.

Clear Heavy frost +23°

WEA. FRIDAY 7 THER.

Clear Heavy Frost +24°
Rain in the Evening

WEA. SATURDAY 8 THER.

Rain in Night Clear at
Noon, Warm & Pleasant

HER. WEA. SUN. DEC. 9, 1894 THER.

+23° Clear 36°+

Bright Moon light

HER. WEA. MONDAY 10 THER.

+24° Rain this morning — 40°+

Rain at Midday, Coming Clear

HER. WEA. TUESDAY 11 THER.

Clear 44°+

ant

WEA. WED. DEC. 12, 1894 THER.

Warm, Heavy Rain at 6 AM

Shutacker Burned

Evening Cooler Wind N W

WEA. THURSDAY 13 THER.

Overcast 40°+

Weaver Buried

Cool all Day 40°+

WEA. FRIDAY 14 THER.

Overcast 37°+

HER. WEA. SAT. DEC. 15, 1894 THER.

-6 am Clear — Wind S. — 28° +

W

HER. WEA. SUNDAY 16 THER.

0° + 40° +

Rainbow at 7 a.m.

Showery

20° +

ER. WEA. MONDAY 17 THER.

37° + Clear 35° +

Ran at South Dale
Brick Works

WEA. TUES. DEC. 18, 1894 THER.

Clear 24°+

WEA. WEDNESDAY 19 THER.

Clear 29°+ 8

WEA. THURSDAY 20 THER.

Clear 24°+ C

HER. WEA. FRI. DEC. 21, 1894 THER.

24°+

Montague Shot Imme-
lly Accidentally

IER. WEA. SATURDAY 22 THER.

9°+ Overcast— 42°+

ER. WEA. SUNDAY 23 THER.

4°+ Cloudy 38°+

Montague Buried

WEA. MON. DEC. 24, 1894 THER.

Clear Night 33°+

Morning Overcast

WEA. TUESDAY 25 THER.

Rain this Morning 46°+

WEA. WEDNESDAY 26 THER.

Overcast 28°+
M. Snowing

Still Snowing

HER. WEA. THUR. DEC. 27, 1894 THER.

33° + Cloudy - Deep snow - 26° +
Snow 7 or 8 In

24° +

IER. WEA. FRIDAY 28 THER.

46° + Over cast - + 10°

Fine snow in afternoon

ER. WEA. SATURDAY 29 THER.

8° + 0

22 +

WEA. SUN. DEC. 30, 1894 THER.

Overcast 18° +

WEA. MONDAY 31 THER.

Overcast 22° +

NOTES FOR 1895

HER.

18°+

IER.

22°+

MEMORANDA

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MEMORANDA

Date		Dolls.	Cts.
	Ed. Beaumont Jeffersonville - Ind		
	E. E. Holman Architect 1020 Chestnut St. Phil. Picturesque Cottages	50	00
	Architectural Bureau of the Franklin Press Co, 720 Chestnut St Phil - Book No 2 Plans for Low Cost Houses	1	00

MEMORANDA

Date		Dolls.	Cts.
	~~U. S. Supply Co, Lynn Mass See Grieves Fruit~~		
	U. S. Supply Co, Lynn Mass,		
	10 cts for two books describing old coins see Grieves Fruit grower		

Notes and Bills

Date	Drawers	Time

Blank Page(s)

Cash Account — March

Date		Received		Paid	
23	Building ass.			5	40
"	Ditto				10
27	Meat				35
"	Boots			1	20
28	Maccaroni				50
30	Meat				65
31	Cheese				35

Cash Account — March

Date		Received		Paid	

40
10
35
20
50
45
35

CASH ACCOUNT — APRIL

Date		Received	Paid
2	Muslin		50
7	Ploughing &c		50
9	Meat		15
10	Tea & Tob.		80
13	Meat		35
15	H		50
16	Meat		25
"	Tickets to D.		1 30
"	H		2 00
17	Tickets to C	Apr 3 loaf, 50 & P.O. Box 25; 13 Chund 1,00 + P.C. Compound 1,00; H. 50 + Meat 40 + Kerosene 45	40
19	Jumbo	2 00	
21	Meat		40
"	Screws &c		35
"	Suspenders		25
"	Crackers		25
"	H		45
23	Celery Comp.		1,00
"	H		1 00
25	Post from 18th		1 00
"	News (15 ans v = 20)		1 00
"	Seeds & Tob.		15
26	Gaylin Oil		25
27	Soap		25

Cash Account — April

Date		Received		Paid	
20	Rec'd Pens	28	50		
"	Nelles			3	40
"	Hay			3	76
"	Brandy			1	25
"	Coon			1	15

Cash Account — May

Date		Received	Paid
15	Seeds		15
4	Baking Powder		50
7	Din. & Job		30
"	Hack	at court	05
"	Book		20
8	Dinn & c		30
"	Hack		05
9	H		55
13	Book & Job		25
16	John in Garden		75
26	P. Stamps		75
28	Due Stamps 1½		

Cash Account — May

id	Date		Received		Paid	
15						
00						
30						
05						
20						
30						
05						
55						
20						
75						
75						

Cash Account — June

Date		Received	Paid
1	John for Coal		2 00
4	P. E. & P Drugs		1 55
5	Job, 2c		15
6	Evening Post		1 00
7	Miller	12 00	
"	Heldt		5 00
9	Meat + Lunch (35+5)		40
"	Books		25
10	H		25
11	Shoestrings		10
	Stamps 1/2 oz Mag		1 50
13	" 3 "		3 00
13	Paid in Full		$4 50
15	H		50
16	Meat, 35		
"	Soda		05
17	Dentist		50
18	Vrysen	10 00	
"	Build Ass		5 40
"	Medicine		85
"	H		2 00
"	Hanting Hayde		1 00
19	Bert		2 00
	Miller	75 00	
	Vrysen		10 00
	Heldt in full		8 35

Cash Account — June

Paid	Date		Received	Paid
50	19	Daily to Aug 9/94		2 00
55	19	Harper (Church)		2 00
15	19	H		13 15
00	20	H		5 00
		Flowers		50
00	21	Dr Young		2 00
10	"	Hoe Handle		10
25	"	Shirt		1 25
25		ammonia		20
10	"	Butter		65
50	"	A. Brandy		2 50
00	22	Hilton		50
50	27	Meat & Flour		45
50	28	Bread & Rolls		25
	"	H + oil		5 00
05				
50				
40				
85				
05				
00				
00				
00				
35				

Cash Account — July

Date		Received	Paid
3	Slippers		40
"	Shirt & Drawers		2 00
"	Candy &c		15
	P.O. Box		25
4	Hitters		50
	Ice Cat		25
6	Stamps $1.00	Paid	75
6	" .25	"	25
7	Corn	25	
9	Meat		87½
"	Gt. Divide		1 03
"	B Church		1 00
10	B. Ass.		5 00
"	A.C & I. Note	160 90	
"	Jas H. H		38 70
"	" M.J.H		26 15
"	Sanauch		10 50
"	B. Ass Note		50 00
"	Seeds & wick		40
"	Canned Meat		75
18	Repairs Gutters		2 00
	Papers		25
	~~Account (July 16)~~		~~5 40~~
	Pd for Abbg		87½

CASH ACCOUNT — JULY

Date		Received.	Paid
23	Meat		1 40
"	Whiskey		3 50
31	Harper for Feb		1 00
"	B. & S.		5 00
"	Kate		5 00

Cash Account — August

Date		Received	Paid
6	~~Harper on gate~~		~~1 00~~
6	Cemetery		2 00
"	Meat		30
"	Medicine		50
"	Hilton		1 00
10	Abbie	20 00	
10	1½ Bush Beans Spinach & Onions		50
13	Light Tomatoes	1 25	~~1 25~~
14	Sugar		25
15	Simons		10
16	Tartar		25
"	Tomatoes H	75	~~75~~
17	Sugar		50
18	Brooms		35
18	McKee		10
"	Kirkear Tom	25	~~25~~
20	Tomatoes H	50	~~50~~
21	Dentist		50
21	Tea & c		90
21	Tom H		50
23	Sugar		50
23	Camphor		05
23	Tomatoes H	50	~~50~~
24	Cans 1 Dz		75
25	Simons Barnesle		35

Cash Account — August

Date		Received	Paid
25	Shilling (Tom)	50	
27	Tomatoes H	50	
"	Sugar H		2 00
"	Lard H		50
28	Milk to 18 Oct		1 00
	Meat		30
	Mowing Weed		1 50
29	Dog		1 00
31	Coffee Syr		90
	Tomatoes H	50	
	Sugar + Phosphate		1 00
Sept	Brought		
3	10 D. Corn H		
4	Post		1 00
	Cage		35
5	Parts		3 50
	S. Cage		30
7	Oil		1 25
8	10 Dry Cows		
	B Tomatoes H 1/2		
"	Parts		3 50
"	For Abbie Paid		~~3 00~~
9	Kale		4 00
	Bulla Ass	11 00	
	" "		5 00

CASH ACCOUNT — SEPTEMBER

Date		Received	Paid
10	Chapter		2 00
11	Meat		35
19	Jam &c		20
20	Cobbling		1 00
"	Acid Phos.		50
21	Sugar Drums		60
25	Things		65
"	Meat		35
"	Groceries		50
"	Pans		20
"	Paint on Roof 18 Sqrs @ 40cts		7,20
26	Sugar		1,00
29	Crackers + Lodge		,35

Cash Account — September

Date		Received		Paid	

Cash Account — October

Date		Received		Paid		
1	Post Office				20	
6	Meat &c				50	
8	Bryson	10	00			2
4	Bridle Ass			5	00	2
4	Carriage				50	2
10	Miller	10	00			
10	Meinhart			3	00	
15	Meat				20	2
11	Gam &c				52	2
12	Varnish &c				45	
	Pencils				10	
	Crackers				25	
16	Hunge Pants			1	75	
	Brush &c				20	
17	Sugar &c			2	35	
18	of N.C.I. Co	127	10			
	Hildt			18	00	
	Jays			92	10	
	Bryson			12	50	
	Hyman			6	80	
	Smith			15	00	
				124	40	
25	Medicine				60	

CASH ACCOUNT — OCTOBER

Date		Received		Paid	
23	Glasses				70
	Pepper do				16
24	Meat				40
	~~Bulb 25~~	~~50~~			
24	Coal 2240 lb			14	40
20	Smack Box			11	75
	Press Toy			16	20
	Bulb 25	50	50		
26	Rice				50
27	Lino do				55

CASH ACCOUNT — NOVEMBER

Date		Received	Paid
5	Meat		35
	Burlt Ass		5 60
6	Abbiel (K & H)		3 00
8	Meat		
	& Cocoa		50
20	Cash of Mary	5 00	
	Harder		1 80
	Cream Tartar		20
	Meat & Cigar		25
21	P & H & R		1 50
22	Crackers &c		30
23	Meat		55
	H		50
25	Groceries &c		1 60
29	Turkey &c		1 80
	Nuts		1 60
	Needles &c		25
	Alcohol & Biscuits		60

Cash Account — November

Date		Received		Paid	

CASH ACCOUNT — DECEMBER 94

Date		Received	Paid
10	Apples & Crackers		60
	Potatoes &c		95
14	Hostetters		90
15	Meat		30
17	Meat		45
18	Raisins Paper		35
19	Dishes		40
20	Meat		30
21	Hat		1 10
	Shoes		1 25
	Meat		35
	Oranges &c		45
	Lumber		1 30
	Miller	25 00	
	Heldt		10 00
	Book		50
	Dress		2 70
	Baby		80
26	Chocolate		25

Cash Account — December

Date		Received	Paid
25	Cash on Hand	22,00	
27	Hettora		12,50
	Meat		40
30	Meat do		65
	B. Ass		5,40
	Oil		1,25

Summary

		Received		Paid	
	Cash on hand Jan. 1				
	JANUARY				
	FEBRUARY				
	MARCH				
	APRIL				
	MAY				
	JUNE				
	JULY				
	AUGUST				
	SEPTEMBER				
	OCTOBER				
	NOVEMBER				
20	DECEMBER Cash		22.50		
	Total				
	Balance to new account				

1 Bush = 2150.4 In + 1/4 = 2688 In = Bushe Coal

2688 In = 1.55 + Ft in Bushe Coal

Post Apr 16 to Nov 10th = 30 days

$22.50

Young	$ 48
	60
Bagby	
	475
Hilton	
	20
	40
	$ 8.35
	50
	10
	$ 8.95

Our Home Store 70

Zinc 3 + 4½ or 39 + 4½

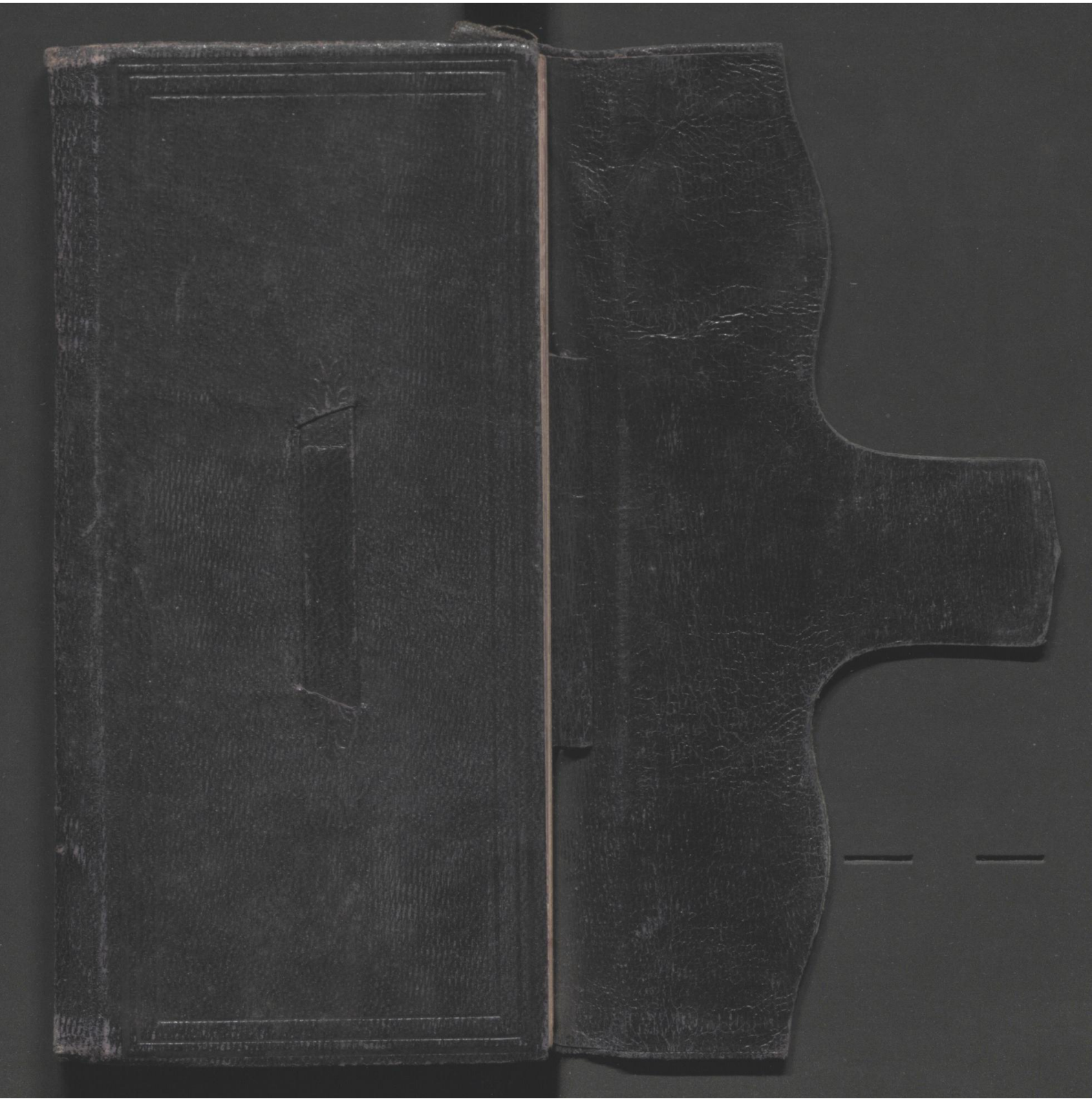
18
40
7.20

Dec 25 - $22.50
15
7.50

Painting Roof. 7.20

Excelsior
Diary


STANDARD
No.
55
DIARY



M. J. Kilton

THE STANDARD DIARY

PUBLISHED FOR THE TRADE

CALENDAR.

1895.

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
FEB.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	..	..
MAR.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
APRIL.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
MAY.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
JUNE.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..

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

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

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

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

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

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

MEASURE OF SOLIDITY.

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

AVOIRDUPOIS WEIGHT.

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

TROY WEIGHT.

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

APOTHECARIES' WEIGHT.

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

DIAMOND WEIGHT.

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

LIQUID MEASURE.

4	Gills	make	1 Pint.	31½	Gallons	make	1 Barrel.
2	Pints	"	1 Quart.	54	Gallons	"	1 Hhd.
4	Quarts	"	1 Gallon.	252	Gallons	"	1 Tun.

DRY MEASURE.

8	Quarts	make	1 Peck.	8	Bushels	make	1 Quarter.
4	Pecks	"	1 Bushel.	36	Bushels	"	1 Chaldron.

1 Bushel equal to 2150.42 cubic inches.

WEIGHT PER BUSHEL OF GRAIN, ETC.

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

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

INTEREST TABLE.

FOUR PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	½	3½	33
5 "	0	0	0	0	0	0	0	½	½	½	5½	56
10 "	0	0	0	½	½	½	1	1	1	1	11	1 11
1 Mo.	0	½	1	1½	1½	2	2½	2½	3	3½	33	3 33
2 "	½	1½	2	2½	3½	4	4½	5½	6	6½	67	6 67
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	1½	2½	4	5½	6½	8	9½	10½	12	13½	1 33	13 33
5 "	1½	3½	5	6½	8½	10	11½	13½	15	16½	1 67	16 67
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
7 "	2½	4½	7	9½	11½	14	16½	18½	21	23½	2 33	23 33
8 "	2½	5½	8	10½	13½	16	18½	21½	24	26½	2 67	26 67
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
10 "	3½	6½	10	13½	16½	20	23½	26½	30	33½	3 33	33 33
11 "	3½	7½	11	14½	18½	22	25½	29½	33	36½	3 67	36 67
1 Yr.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	½	1	1	1	1	1	1½	14	1 39
1 Mo.	½	1	1	2	2	3	3	3	4	4	42	4 17
2 "	1	1¾	3	3	4	5	6	7	8	8	83	8 33
3 "	1	2½	4	5	6	8	9	10	11	13	1 25	12 50
4 "	1½	3	5	7	8	10	12	13	15	17	1 67	16 67
5 "	2	4	6	8	10	13	15	17	19	21	2 08	20 83
6 "	2½	5	8	10	13	15	18	20	23	25	2 50	25 00
7 "	3	6	9	12	15	18	20	23	26	29	2 92	29 17
8 "	3	7	10	13	17	20	23	27	30	33	3 33	33 33
9 "	3¾	7½	11	15	19	23	26	30	34	38	3 75	37 50
10 "	4	8	13	17	21	25	29	33	38	42	4 17	41 67
11 "	4½	9	14	18	23	28	32	37	41	46	4 58	45 83
1 Yr.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	½	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
1 Mo.	½	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	1½	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	2½	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 "	3½	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 "	4½	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 "	5½	11	17	22	28	33	39	44	50	55	5 50	55 00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

RATE OF INCOME ON STOCKS.

Purchased at the following prices, (par value being $100), and bearing interest at the following rates.

Paid.	3%	4%	5%	6%	7%	8%	9%
$50	6 00	8 00	10 00	12 00	14 00	16 00	18 00
55	5 45	7 27	9 09	10 90	12 72	14 55	16 36
60	5 00	6 67	8 33	10 00	11 66	13 33	15 00
65	4 62	6 15	7 69	9 23	10 76	12 30	13 85
70	4 28	5 71	7 14	8 57	10 00	11 42	12 85
75	4 00	5 33	6 66	8 00	9 33	10 66	12 00
80	3 75	5 00	6 25	7 50	8 75	10 00	11 25
85	3 53	4 70	5 88	7 05	8 23	9 41	10 58
90	3 33	4 44	5 55	6 66	7 77	8 88	10 00
91	3 30	4 40	5 49	6 59	7 69	8 79	9 89
92	3 26	4 34	5 43	6 52	7 60	8 70	9 78
93	3 23	4 30	5 38	6 45	7 53	8 60	9 68
94	3 19	4 26	5 32	6 38	7 45	8 51	9 57
95	3 15	4 21	5 26	6 31	7 36	8 42	9 47
96	3 13	4 17	5 21	6 25	7 29	8 33	9 38
97	3 09	4 12	5 15	6 18	7 22	8 25	9 28
98	3 06	4 08	5 10	6 12	7 14	8 16	9 18
99	3 03	4 04	5 05	6 06	7 07	8 08	9 09
101	2 97	3 96	4 95	5 94	6 93	7 92	8 91
102	2 94	3 92	4 90	5 88	6 86	7 84	8 82
103	2 91	3 88	4 85	5 83	6 80	7 77	8 74
104	2 88	3 85	4 81	5 77	6 73	7 69	8 65
105	2 86	3 80	4 76	5 71	6 66	7 61	8 57
106	2 83	3 77	4 72	5 66	6 60	7 55	8 49
107	2 80	3 74	4 67	5 61	6 54	7 48	8 41
108	2 78	3 70	4 63	5 56	6 48	7 41	8 33
109	2 75	3 67	4 59	5 50	6 42	7 34	8 26
110	2 72	3 63	4 54	5 45	6 36	7 27	8 18
115	2 60	3 48	4 34	5 21	6 08	6 95	7 83
120	2 50	3 33	4 16	5 00	5 83	6 66	7 50
130	2 30	3 07	3 84	4 61	5 38	6 15	6 92
140	2 14	2 86	3 57	4 28	5 00	5 71	6 43
150	2 00	2 67	3 33	4 00	4 66	5 33	6 00
160	1 88	2 50	3 12	3 75	4 38	5 00	5 62
170	. .	. .	. .	3 53	4 12	4 70	5 29
180	. .	. .	. .	3 33	3 88	4 44	5 00
190	. .	. .	. .	3 16	3 68	4 21	4 74
200	. .	. .	. .	3 00	3 50	4 00	4 50

RATES OF POSTAGE.

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

LETTERS, to all parts of the United States, Canada and Mexico, 2 cents for each ounce or fraction thereof. LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

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

SECOND CLASS.—Only for publishers and news-agents, 1 cent per pound.

NEWSPAPERS and PERIODICALS (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof

THIRD CLASS.—Printed matter, in unsealed wrappers only (all matter 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, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process except handwriting and the copying-press. Limit of weight 4 lbs., except for a single book, which may weigh more.

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

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

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 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 offence. Printed matter may be enclosed with fourth class matter, but the whole package is subject to the rate of 1 cent per ounce or fraction thereof.

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

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

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MONEY ORDERS.

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

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FOREIGN POSTAGE.

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

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

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

HELP! In case of Accidents.

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

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

Lightning. Dash cold water over a person struck.

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

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

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

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

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

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

Fire in one's Clothing. *Don't run*,—especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

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

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

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC, OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	Soap-suds, Magnesia, Lime-water.
Prussic Acid.	Ammonia in water. Dash water in face.
Carbolic Acid.	Flour and water, mucilaginous drinks.
Alkalies. POTASH. LYE. HARTSHORN. AMMONIA.	Vinegar or Lemon juice in water.
Arsenic. **Rat Poison.** **Paris Green.**	Milk, Raw Eggs, Sweet Oil, Lime-water, Flour aud water.
Bug Poison. **Lead.** **Saltpetre.** **Corrosive Sublimate.** **Sugar of Lead.** **Blue Vitriol.**	Whites of Eggs or Milk in large doses.
Chloroform. **Chloral.** **Ether.**	Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
Carbonate of Soda. **Copperas.** **Cobalt.**	Soap-suds and mucilaginous drinks.
Iodine. **Antimony.** **Tartar Emetic.**	Starch and water. Astringent infusions. Strong tea.
Mercury AND ITS SALTS.	Whites of Eggs. Milk. Mucilages.
Nitrate of Silver. **Lunar Caustic.**	Salt and water.
Opium. **Morphine.** **Laudanum.** **Paregoric.** **Soothing Powders or Syrups.**	Strong coffee, hot bath. Keep awake and moving at any cost.
Strychnine. **Tinct. of Nux Vomica.**	Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.

POPULATION OF THE UNITED STATES.

The official count of the returns of the Eleventh Census as finally determined.

States and Territories.	1890.	1880.
Alabama	1,513,017	1,262,505
Alaska	.....	.....
Arizona	59,620	40,440
Arkansas	1,128,179	802,525
California	1,208,130	864,694
Colorado	412,198	194,327
Connecticut	746,258	622,700
Delaware	168,493	146,608
District of Columbia	230,392	177,624
Florida	391,422	269,493
Georgia	1,837,353	1,542,180
Idaho	84,385	32,610
Illinois	3,826,351	3,077,871
Indiana	2,192,404	1,978,301
Indian Territory	.....	.....
Iowa	1,911,896	1,624,615
Kansas	1,427,096	996,096
Kentucky	1,858,635	1,648,690
Louisiana	1,118,587	939,946
Maine	661,086	648,936
Maryland	1,042,390	934,943
Massachusetts	2,238,943	1,783,085
Michigan	2,093,889	1,636,937
Minnesota	1,301,826	780,773
Mississippi	1,289,600	1,131,597
Missouri	2,679,184	2,168,380
Montana	132,159	39,159
Nebraska	1,058,910	452,402
Nevada	45,761	62,266
New Hampshire	376,530	346,991
New Jersey	1,444,933	1,131,116
New Mexico	153,593	119,565
New York	5,997,853	5,082,871
North Carolina	1,617,947	1,399,750
North Dakota	182,719	36,909
Ohio	3,672,316	3,198,062
Oklahoma	61,834	.....
Oregon	313,767	174,768
Pennsylvania	5,258,014	4,282,891
Rhode Island	345,506	276,531
South Carolina	1,151,149	995,577
South Dakota	328,808	98,268
Tennessee	1,767,518	1,542,359
Texas	2,235,523	1,591,749
Utah	207,905	143,963
Vermont	332,422	332,286
Virginia	1,655,980	1,512,565
Washington	349,390	75,116
West Virginia	762,794	618,457
Wisconsin	1,686,880	1,315,497
Wyoming	60,705	20,789
Total population of U. S.	62,622,250	50,155,783

POPULATION OF PRINCIPAL CITIES.

	1890.	1880.
Albany, N. Y.	94,923	90,758
Allegheny, Pa.	105,287	78,682
Atlanta, Ga.	65,533	37,409
Baltimore, Md.	434,439	332,313
Boston, Mass.	448,477	362,839
Brooklyn, N. Y.	806,343	566,663
Buffalo, N. Y.	255,664	155,134
Cambridge, Mass.	70,028	52,669
Camden, N. J.	58,313	41,659
Charleston, S. C.	54,955	49,984
Chicago, Ill.	1,099,850	503,185
Cincinnati, O.	296,908	255,139
Cleveland, O.	261,353	160,146
Columbus, O.	88,150	51,647
Dayton, O.	61,220	38,678
Denver, Col.	106,713	35,629
Des Moines, Ia.	50,093	22,408
Detroit, Mich.	205,876	116,340
Evansville, Ind.	50,756	29,280
Fall River, Mass.	74,398	48,961
Grand Rapids, Mich.	60,278	32,016
Hartford, Conn.	53,230	42,015
Indianapolis, Ind.	105,436	75,056
Jersey City, N. J.	163,003	120,722
Kansas City, Mo.	132,716	55,785
Lincoln, Neb.	55,154	13,003
Louisville, Ky.	161,129	123,758
Lowell, Mass.	77,696	59,475
Lynn, Mass.	55,727	38,274
Memphis, Tenn.	64,495	33,592
Milwaukee, Wis	204,468	115,587
Minneapolis, Minn.	164,738	46,887
Nashville, Tenn.	76,168	43,350
Newark, N. J.	181,830	136,508
New Haven, Conn.	81,298	62,882
New Orleans, La.	242,039	216,090
New York, N. Y.	1,515,301	1,206,299
Omaha, Neb.	140,452	30,518
Paterson, N. J,	78,347	51,031
Philadelphia, Pa.	1,046,964	847,170
Pittsburgh, Pa.	238,617	156,389
Providence, R. I.	132,146	104,857
Reading, Pa.	58,661	43,278
Richmond, Va.	81,388	63,600
Rochester, N. Y.	133,896	89,366
Saint Joseph, Mo.	52,324	32,431
Saint Louis, Mo.	451,770	350,518
Saint Paul, Minn.	133,156	41,473
San Francisco, Cal.	298,997	233,959
Scranton, Pa.	75,215	45,850
Syracuse, N. Y.	88,143	51,792
Toledo, O.	81,434	50,137
Trenton, N. J.	57,458	29,910
Troy, N. Y.	60,956	56,747
Washington, D. C.	230,392	177,624
Wilmington, Del.	61,431	42,478
Worcester, Mass.	84,655	58,291

RELATIVE RANK OF CITIES.

In 1870 there were but fourteen cities each containing more than 100,000 inhabitants. In 1880 this number had increased to twenty, and in 1890 to twenty-eight.

In 1880 there was but one city, New York, which had a population in excess of a million. In 1890 there were three, New York, Chicago, and Philadelphia.

The number and relative rank of cities having a population of 100,000 or more at the date of each of these censuses are set forth in the following table.

	RANK.		
	1890.	1880.	1870.
New York, N. Y.	1	1	1
Chicago, Ill.	2	4	5
Philadelphia, Pa.	3	2	2
Brooklyn, N. Y.	4	3	3
Saint Louis, Mo.	5	6	4
Boston, Mass.	6	5	7
Baltimore, Md.	7	7	6
San Francisco, Cal.	8	9	10
Cincinnati, O.	9	8	8
Cleveland, O.	10	11	..
Buffalo, N. Y.	11	13	11
New Orleans, La.	12	10	9
Pittsburgh, Pa.	13	12	..
Washington, D. C.	14	14	12
Detroit, Mich.	15	18	..
Milwaukee, Wis.	16	19	..
Newark, N. J.	17	15	13
Minneapolis, Minn.	18	..	..
Jersey City, N. J.	19	17	..
Louisville, Ky.	20	16	14
Omaha, Neb.	21	..	..
Rochester, N. Y.	22	..	..
Saint Paul, Minn.	23	..	..
Kansas City, Mo.	24	..	..
Providence, R. I.	25	20	..
Denver, Col.	26	..	..
Indianapolis, Ind.	27	..	..
Allegheny City, Pa.	28	..	..

VALUES IN UNITED STATES MONEY

OF THE

PURE GOLD OR SILVER

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

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

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1890, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE. D.	C.	M.
Argentine Repub.	Peso	Gold & silv.	0	96	5
Austria	Florin	Silver	0	34	3
Belgium	Franc	Gold & silv.	0	19	3
Bolivia	Boliviano	Silver	0	69	8
Brazil	Milreis of 1000 reis.	Gold	0	54	6
British America	Dollar	Gold	1	0	0
Cent'l Am. States	Peso	Silver	0	69	8
Chili	Peso	Gold & silv.	0	91	2
China	Tael.. Shanghai..	Silver	1	3	1
	Tael.. Haikwan.. (Customs).	Silver	1	14	8
Cuba	Peso	Gold & silv.	0	92	6
Denmark	Crown	Gold	0	26	8
Ecuador	Sucre	Silver	0	69	8
Egypt	Pound (100 piastres)	Gold	4	94	3
France	Franc	Gold & silv.	0	19	3
German Empire	Mark	Gold	0	23	8
Great Britain	Pound sterling	Gold	4	86	6½
Greece	Drachma	Gold & silv.	0	19	3
Hayti	Gourde	Gold & silv.	0	96	5
India	Rupee of 16 annas.	Silver	0	33	2
Italy	Lira	Gold & silv.	0	19	3
Japan	Yen	Gold	0	99	7
Japan	Yen	Silver	0	75	2
Liberia	Dollar	Gold	1	0	0
Mexico	Dollar	Silver	0	75	8
Netherlands	Florin	Gold & silv.	0	40	2
Norway	Crown	Gold	0	26	8
Peru	Sol	Silver	0	69	8
Portugal	Milreis of 1000 reis.	Gold	1	8	0
Russia	Roubl. of 100 cop'ks	Silver	0	55	8
Spain	Peseta of 100 centim.	Gold & silv.	0	19	3
Sweden	Crown	Gold	0	26	8
Switzerland	Franc	Gold & silv.	0	19	3
Tripoli	Mahbub of 20 piast's	Silver	0	62	9
Turkey	Piastre	Gold	0	4	4
U. S. of Colombia	Peso	Silver	0	69	8
Venezuela	Bolivar	Silver	0	14	0

INTEREST LAWS OF ALL THE STATES.

States and Territories.	Penalty of Usury.	Legal.	Special.
Alabama	Loss of interest	8	.....
Alaska	Forfeiture of debt	8	10 per ct.
Arizona	No Penalty	7	No limit.
Arkansas	Forfeiture of principal & interest.	6	10 per ct.
California	No penalty	7	No limit.
Colorado	No penalty	8	No limit.
Connecticut	No penalty	6	6 per ct.
Dakota	Forfeiture of contract	7	12 per ct.
Delaware	Forfeiture of contract	6	6 per ct.
District of Col.	Forfeiture of all interest	6	10 per ct.
Florida	No penalty	8	No limit.
Georgia	Forfeiture of excess	7	8 per ct.
Idaho	Forf'ture of 3 times excess of int.	10	18 per ct.
Illinois	Forfeiture of all interest	5	7 per ct.
Indiana	Forfeiture of int. over 6 per cent.	6	8 per ct.
Iowa	Forfeiture of interest and costs.	6	8 per ct.
Kansas	Forfeiture of excess over 10 per ct.	6	10 per ct.
Kentucky	Forfeiture of excess	6	6 per ct.
Louisiana	Forfeiture of 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'ts.	6	No limit.
Michigan	Forfeiture of excess	6	8 per ct.
Minnesota	Forfeiture of contract.	7	10 per ct.
Mississippi	Forfeiture of all interest	6	10 per ct.
Missouri	Forfeiture of all interest	6	8 per ct.
Montana	No penalty	7	No limit.
Nebraska	Forfeiture of all interest & costs.	7	10 per ct.
Nevada	No penalty	7	No limit.
New Hampshire	Forfeiture of 3 times excess of int.	6	6 per ct.
New Jersey	Forfeiture of all interest	6	6 per ct.
New Mexico	No penalty	6	12 per ct.
New York	Forfeiture of contract.*	6	6 per ct.
North Carolina.	Forfeiture of double am't of int.	6	8 per ct.
Ohio	Forfeiture of excess.	6	8 per ct.
Oregon	Forfeiture of prin., int. & costs.	8	10 per ct.
Pennsylvania	Forfeiture of excess, Act of 1858.	6	6 per ct.
Rhode Island	Forfeiture, unless by contract.†	6	No limit.
South Carolina.	Forfeiture of interest	7	8 per ct.
Tennessee	Forfeiture of over 6 per cent.	6	6 per ct.
Texas	Forfeiture of interest	6	10 per ct.
Utah	No penalty	8	No limit.
Vermont	Forfeiture of excess	6	6 per ct.
Virginia	Forfeiture of excess	6	6 per ct.
Washington	No penalty	10	No limit.
West Virginia	Forfeiture of excess	6	10 per ct.
Wisconsin	Forfeiture of all interest	7	10 per ct.
Wyoming	No penalty	12	No limit.

* Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.

† Also 6 per cent. on judgments.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	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. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	"
3	Thomas Jefferson...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.	Virginia.	Republican.
4	James Madison.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"	"	"
5	James Monroe.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"	"	"
6	John Quincy Adams.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.	Mass.	Coalition.
7	Andrew Jackson	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.	Tennessee.	Democrat.
8	Martin Van Buren.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.	New York.	"
9	Wm. H. Harrison ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.	Ohio.	Whig.
10	John Tyler.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"	Virginia.	"
11	James K. Polk	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.	Tennessee.	Democrat.
12	Zachary Taylor.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.	Louisiana.	Whig.
13	Millard Fillmore ..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.	New York.	"
14	Franklin Pierce....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.	N. Hamp.	Democrat.
15	James Buchanan....	April 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.	Illinois.	Republican.
17	Andrew Johnson....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18	Ulysses S. Grant ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.	Illinois.	"
19	Rutherf'd B. Hayes	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"	Ohio.	"
20	James A. Garfield..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	"	"	"
21	Chester A. Arthur.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.	New York.	"
22	Grover Cleveland..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	.....	New Jersey.	" "	Democrat.
23	Benjamin Harrison.	Aug. 20, 1833	" 4, 1889	4 "	.....	Ohio.	Indiana.	Republican.
24	Grover Cleveland..	Mar. 18, 1837	" 4, 1893	.....	.....	New Jersey.	New York.	Democrat.

LEGAL HOLIDAYS.

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

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

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

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

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

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

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

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

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

IDAHO—Same as Arizona.

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

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

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

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

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

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

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

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

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

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

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

MISSISSIPPI—Jan. 1, July 4, Dec. 25.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SOUTH DAKOTA—See North Dakota.

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

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

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

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

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

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

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

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

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

STANDARD TIME.

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

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

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 Broadview, 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.

75° Longitude.

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

Central Standard.

90° Longitude.

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

Mountain Standard.

105° Longitude.

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

Pacific Standard.

120° Longitude.

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

HIGH TIDE.

(STANDARD TIME.)

Day of Mo	JANUARY.		FEBRUARY.		MARCH.	
	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	2 31	11 46	3 7	0 5	1 35	11 9
2	3 8	0 6	3 50	0 49	2 36	11 55
3	3 48	0 47	4 41	1 40	3 22	0 20
4	4 32	1 31	5 43	2 41	4 19	1 18
5	5 21	2 19	6 52	3 49	5 26	2 24
6	6 16	3 14	8 6	5 3	6 41	3 38
7	7 17	4 14	9 15	6 13	7 56	4 52
8	8 22	5 18	10 19	7 16	9 2	6 0
9	9 27	6 25	11 13	8 7	10 0	6 58
10	10 31	7 27	.....	8 58	10 50	7 45
11	11 28	8 22	0 23	9 44	11 34	8 29
12	.....	9 20	1 8	10 26	.....	9 14
13	0 47	10 9	1 51	11 7	0 37	9 57
14	1 36	10 54	2 35	11 55	1 21	10 38
15	2 23	11 41	3 21	0 20	2 5	11 24
16	3 7	0 4	4 13	1 12	2 54	.....
17	3 55	0 53	5 12	2 11	3 48	0 47
18	4 47	1 45	6 17	3 15	4 49	1 47
19	5 42	2 40	7 22	4 19	5 52	2 50
20	6 41	3 39	8 21	5 18	6 55	3 51
21	7 43	4 39	9 15	6 12	7 52	4 49
22	8 41	5 38	10 2	7 0	8 43	5 40
23	9 36	6 34	10 42	7 38	9 26	6 25
24	10 26	7 23	11 19	8 13	10 7	7 4
25	11 10	8 4	11 53	8 50	10 44	7 39
26	11 48	8 45	0 10	9 25	11 17	8 12
27	0 7	9 25	0 43	9 58	11 52	8 49
28	0 44	10 2	1 18	10 31	0 10	9 27
29	1 19	10 32	.....	.....	0 48	10 5
30	1 54	11 6	.....	.....	1 29	10 47
31	2 29	11 44	.....	.....	2 16	11 38

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	APRIL.		MAY.		JUNE.	
	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	3 8	0 6	4 5	1 4	5 45	2 43
2	4 10	1 9	5 10	2 8	6 44	3 41
3	5 20	2 18	6 14	3 12	7 40	4 36
4	6 33	3 30	7 16	4 13	8 34	5 31
5	7 41	4 37	8 12	5 8	9 27	6 25
6	8 41	5 39	9 3	6 1	10 18	7 15
7	9 34	6 32	9 51	6 49	11 8	8 1
8	10 22	7 19	10 40	7 35	11 54	8 52
9	11 6	7 59	11 24	8 18	0 18	9 40
10	11 47	8 44	.....	9 8	1 5	10 24
11	0 9	9 30	0 34	9 57	1 49	11 5
12	0 54	10 51	1 23	10 43	2 32	11 49
13	1 43	11 2	2 13	11 32	3 12	0 10
14	2 33	11 56	3 1	.....	3 54	0 52
15	3 25	0 23	3 49	0 48	4 38	1 36
16	4 21	1 19	4 39	1 37	5 24	2 22
17	5 19	2 18	5 30	2 27	6 12	3 10
18	6 18	3 15	6 20	3 17	7 4	4 1
19	7 11	4 7	7 7	4 4	7 58	4 54
20	7 59	4 55	7 54	4 50	8 53	5 51
21	8 43	5 40	8 41	5 38	9 49	6 47
22	9 25	6 23	9 26	6 24	10 46	7 42
23	10 5	7 2	10 13	7 10	11 40	8 36
24	10 43	7 39	11 0	7 55	0 6	9 32
25	11 23	8 17	11 49	8 46	0 59	10 22
26	.....	9 2	0 15	9 40	1 52	11 11
27	0 27	9 48	1 8	10 31	2 40	.....
28	1 15	10 36	2 3	11 25	3 28	0 26
29	2 8	11 31	2 57	.....	4 19	1 18
30	3 5	0 2	3 51	0 50	5 13	2 11
31	.....	.....	4 47	1 46	.....	.....

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	JULY.		AUGUST.		SEPTEMBER.	
	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	6 9	3 7	7 52	4 49	9 23	6 21
2	7 10	4 7	8 53	5 50	10 8	7 5
3	8 9	5 6	9 47	6 45	10 46	7 41
4	9 7	6 5	10 35	7 31	11 20	8 14
5	10 3	7 1	11 16	8 10	11 53	8 50
6	10 53	7 48	11 53	8 52	0 9	9 24
7	11 38	8 34	0 11	9 27	0 43	9 58
8	.....	9 18	0 45	10 0	1 18	10 32
9	0 40	9 58	1 19	10 32	1 57	11 12
10	1 19	10 33	1 53	11 5	2 39	11 59
11	1 57	11 9	2 29	11 45	3 27	0 26
12	2 33	11 48	3 8	0 6	4 26	1 24
13	3 10	0 7	3 54	0 52	5 34	2 33
14	3 49	0 48	4 47	1 47	6 48	3 45
15	4 33	1 31	5 52	2 50	7 59	4 56
16	5 23	2 21	7 2	4 0	9 4	6 1
17	6 21	3 19	8 15	5 12	9 58	6 55
18	7 24	4 21	9 21	6 19	10 46	7 42
19	8 30	5 26	10 20	7 17	11 30	8 25
20	9 34	6 33	11 11	8 6	.....	9 11
21	10 36	7 31	11 57	8 54	0 35	9 56
22	11 29	8 24	0 19	9 39	1 21	10 40
23	.....	9 18	1 3	10 21	2 10	11 31
24	0 43	10 4	1 47	11 4	3 2	.....
25	1 30	10 47	2 33	11 53	4 0	0 59
26	2 15	11 33	3 22	0 20	5 2	2 0
27	3 0	.....	4 19	1 18	6 7	3 5
28	3 47	0 46	5 22	2 20	7 6	4 3
29	4 42	1 41	6 29	3 26	8 0	4 57
30	5 43	2 41	7 35	4 31	8 48	5 45
31	6 47	3 44	8 33	5 30	.....	.....

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	OCTOBER.		NOVEMBER.		DECEMBER.	
	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.	Bost. Tide.	N. Y. Tide.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	9 30	6 28	10 6	7 4	10 18	7 15
2	10 9	7 6	10 46	7 41	11 8	8 1
3	10 45	7 40	11 26	8 20	11 55	8 53
4	11 18	8 12	.....	9 7	0 21	9 45
5	11 53	8 50	0 32	9 54	1 13	10 33
6	0 11	9 29	1 21	10 42	2 4	11 24
7	0 50	10 9	2 13	11 36	2 54	.....
8	1 34	10 51	3 7	0 5	3 45	0 43
9	2 21	11 44	4 4	1 3	4 39	1 37
10	3 15	0 13	5 4	2 3	5 35	2 33
11	4 16	1 15	6 6	3 3	6 32	3 30
12	5 23	2 21	7 6	4 2	7 32	4 28
13	6 31	3 29	8 3	5 0	8 30	5 28
14	7 37	4 34	8 57	5 55	9 27	6 25
15	8 35	5 33	9 49	6 47	10 23	7 20
16	9 27	6 25	10 40	7 35	11 15	8 10
17	10 17	7 13	11 29	8 23	.....	9 0
18	11 3	7 58	.....	9 17	0 27	9 48
19	11 48	8 45	0 44	10 6	1 13	10 30
20	0 11	9 34	1 34	10 54	1 56	11 11
21	1 0	10 22	2 24	11 43	2 37	11 53
22	1 53	11 14	3 11	0 9	3 16	0 14
23	2 45	.....	3 58	0 57	3 56	0 55
24	3 39	0 38	4 45	1 44	4 38	1 37
25	4 35	1 34	5 34	2 32	5 26	2 24
26	5 32	2 30	6 21	3 19	6 14	3 12
27	6 25	3 23	7 9	4 6	7 8	4 5
28	7 16	4 13	7 56	4 52	8 4	5 0
29	8 3	4 59	8 43	5 41	9 0	5 58
30	8 45	5 43	9 30	6 28	9 57	6 55
31	9 26	6 24	.....	.....	10 53	7 48

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*.

EASTERN STANDARD.		H.	M.	Mean range. Feet.
Eastport, Me.	add	2	33	18.2
Bar Harbor, Me.	"	2	24	10.4
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Isle of Shoals, N. H.	"	2	57	8.7
Newburyport, Mass.	"	3	3	7.5
Gloucester, Mass.	"	2	42	8.9
Salem, Mass.	"	2	47	9.2
Nahant, Mass.	"	2	50	9.4
Plymouth, Mass.	"	2	59	10.2
Provincetown, Mass.	"	3	7	9.2
Nantucket, Mass.	"	4	6	3.0
Vineyard Haven, Mass.	"	3	32	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	22	3.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	32	4.7
Watch Hill, R. I.	add	0	54	2.7
Stonnington, Conn.	"	0	52	2.7
New London, Conn.	"	1	14	2.6
New Haven, Conn.	"	2	57	6.0
Bridgeport, Conn.	"	2	59	6.5
Montauk Point, L. I.	"	0	4	1.9
Throg's Neck, N. Y.	"	3	13	7.3
Cape May Landing, N. J.	"	0	14	4.8
Newcastle, Del.	"	3	52	6.5
Philadelphia, Penn.	"	5	46	6.0
Annapolis, Md.	sub.	3	18	0.9
Baltimore, Md.	"	1	23	1.3
Richmond, Va.	"	3	24	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
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	21	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	26	6.5
St. Augustine, Fla.	"	0	17	4.2
Key West, Fla.	add	0	54	1.2
Tampa Bay (Egmont Key), Fla.	"	2	49	1.4
Cedar Keys (Depot Key), Fla.	"	4	52	2.6

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 10
Quinquagesima — Shrove Sunday	Feb. 24
Ash Wednesday	Feb. 27
First Sunday in Lent	Mar. 3
St. Patrick	Mar. 17
Palm Sunday	April 7
Good Friday	April 12
Easter Sunday	April 14
Low Sunday	April 21
Rogation Sunday	May 19
Ascension Day — Holy Thursday	May 23
Pentecost — Whit Sunday	June 2
Trinity Sunday	June 9
Corpus Christi	June 13
St. John Baptist	June 24
Michælmas Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Dec. 1
Christmas Day	Dec. 25

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox	Mar. 20, 4h. A.	Mar. 20, 3h. A.
Summer Solstice	June 21, oh. A.	June 21, 11h. M.
Autumnal Equinox	Sept. 23, 2h. M.	Sept. 23, 1h. M.
Winter Solstice	Dec. 21, 9h. A.	Dec. 21, 8h. A.

	Mountain Standard.	Pacific Standard.
Vernal Equinox	Mar. 20, 2h. A.	Mar. 20, 1h. A.
Summer Solstice	June 21, 10h. M.	June 21, 9h. M.
Autumnal Equinox	Sept. 23, oh. M.	Sept. 22, 11h. A
Winter Solstice	Dec. 21, 7h. A.	Dec. 21, 6h. A.

MORNING AND EVENING STARS.

MERCURY will be Evening Star about February 9, June 4, and October 1; and Morning Star about March 24, July 22, and November 10.

VENUS will be Evening Star until September 19; and then Morning Star the rest of the year.

JUPITER will be Evening Star until July 10; and then Morning Star the rest of the year.

ECLIPSES FOR THE YEAR.

In the year 1895 there will be five Eclipses,—three of the Sun and two of the Moon.

I. A Total Eclipse of the Moon, March 10–11. Visible entire to North and South America, and the Atlantic Ocean; and more or less to Europe, Africa, and the eastern Pacific Ocean. Occurring as follows:—

Standard:—	Eastern.	Central.	Mountain.
	D. H. M.	D. H. M.	D. H. M.
Moon enters Penumbra..	10 7 57 A.	10 6 57 A.	10 5 57 A.
Moon enters Shadow.....	10 8 53 A.	10 7 53 A.	10 6 53 A.
Total Eclipse begins	10 9 51 A.	10 8 51 A.	10 7 51 A.
Middle of Eclipse	10 10 39 A.	10 9 39 A.	10 8 39 A.
Total Eclipse ends	10 11 27 A.	10 10 27 A.	10 9 27 A.
Moon leaves Shadow.....	11 0 25 M.	10 11 25 A.	10 10 25 A.
Moon leaves Penumbra..	11 1 21 M.	11 0 21 M.	10 11 21 A.

First contact of shadow, 54 degrees from south point of the Moon's limb towards the east.

Magnitude of Eclipse = 1.627, (Moon's diameter = 1.)

II. A Partial Eclipse of the Sun, March 26. Visible to North America east of Fredericton, N. B., to Greenland, the extreme western edge of Europe, and the North Atlantic Ocean.

III. A Partial Eclipse of the Sun, August 20. Invisible to America. Visible to Russia.

IV. A Total Eclipse of the Moon, September 3–4. Visible entire to North and South America, and, in part, to portions of Europe, Africa, Australia, the Atlantic and Pacific Oceans. Occurring as follows:—

Standard:—	Eastern.	Central.	Mountain.
	D. H. M.	D. H. M.	D. H. M.
Moon enters Penumbra..	3 9 48 A.	3 8 48 A.	3 7 48 A.
Moon enters Shadow.....	3 11 0 A.	3 10 0 A.	3 9 0 A.
Total Eclipse begins	4 0 6 M.	3 11 6 A.	3 10 6 A.
Middle of Eclipse	4 0 57 M.	3 11 57 A.	3 10 57 A.
Total Eclipse ends	4 1 47 M.	4 0 47 M.	3 11 47 A.
Moon leaves Shadow.....	4 2 54 M.	4 1 54 M.	4 0 54 M.
Moon leaves Penumbra..	4 4 6 M.	4 3 6 M.	4 2 6 M.

First contact of shadow, 54 degrees from north point of the Moon's limb towards the east.

Magnitude of Eclipse = 1.557 (Moon's diameter = 1.)

V. A Partial Eclipse of the Sun, September 19. Invisible to America. Visible to eastern Australia, Tasmania, New Zealand, and neighboring South Pacific Ocean.

CHRONOLOGICAL CYCLES.

Dominical Letter	F.
Epact	4
Lunar Cycle, or Golden Number	15
Solar Cycle	28
Roman Indiction	8
Julian Period	6608

The Calendars for the Latitude of Boston and Chicago

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

The Calendars for the Latitude of New York and Philadelphia

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

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

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

THE SIZE OF THE SEAS.

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

AREA OF OCEANS IN SQ. MILES.

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

SIZE OF THE GREAT LAKES.

	Miles long.	Miles wide.
Superior	380	120
Michigan	330	60
Ontario	170	40
Champlain	123	12
Erie	270	50
Huron	250	90
Winnipeg	240	40
Athabaska	200	20

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FIRST QUARTER..	4d. 2h. 52m. M.	4d. 1h. 52m. M.
FULL MOON	11d. 1h. 50m. M.	11d. 0h. 50m. M.
LAST QUARTER...	17d. 5h. 55m. A.	17d. 4h. 55m. A.
NEW MOON.....	25d. 4h. 26m. A.	25d. 3h. 26m. A.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TU.	r7 30	10 7	r7 25	10 8	r7 19	10 11
2	WE.	s4 39	11 8	s4 44	11 8	s4 50	11 9
3	TH.	r7 30	morn	r7 25	morn	r7 19	morn
4	FR.	s4 40	0 11	s4 46	0 10	s4 51	0 9
5	SA.	r7 30	1 17	r7 25	1 15	r7 19	1 13
6	☰	s4 43	2 28	s4 48	2 24	s4 53	2 20
7	MO.	r7 30	3 43	r7 25	3 38	r7 19	3 32
8	TU.	s4 45	4 59	s4 50	4 53	s4 55	4 46
9	WE.	r7 29	6 12	r7 24	6 5	r7 19	5 57
10	TH.	s4 47	7 18	s4 52	7 11	s4 57	7 3
11	FR.	r7 28	rises.	r7 24	rises.	r7 19	rises.
12	SA.	s4 49	6 39	s4 54	6 43	s4 59	6 49
13	☰	r7 28	8 1	r7 23	8 4	r7 18	8 7
14	MO.	s4 51	9 20	s4 56	9 21	s5 1	9 23
15	TU.	r7 27	10 35	r7 22	10 35	r7 17	10 35
16	WE.	s4 53	11 48	s4 58	11 46	s5 3	11 45
17	TH.	r7 26	morn	r7 21	morn	r7 17	morn
18	FR.	s4 56	0 59	s5 1	0 56	s5 6	0 53
19	SA.	r7 25	2 10	r7 20	2 5	r7 16	2 1
20	☰	s4 58	3 20	s5 3	3 14	s5 8	3 8
21	MO.	r7 24	4 26	r7 19	4 19	r7 15	4 12
22	TU.	s5 1	5 26	s5 6	5 19	s5 10	5 11
23	WE.	r7 22	6 17	r7 18	6 10	r7 14	6 2
24	TH.	s5 3	7 0	s5 8	6 53	s5 12	6 47
25	FR.	r7 21	sets.	r7 17	sets.	r7 12	sets.
26	SA.	s5 6	5 53	s5 10	5 57	s5 14	6 2
27	☰	r7 19	6 56	r7 15	6 59	r7 11	7 3
28	MO.	s5 8	7 58	s5 12	8 0	s5 17	8 2
29	TU.	r7 17	9 0	r7 13	9 0	r7 9	9 2
30	WE.	s5 12	10 3	s5 15	10 2	s5 19	10 2
31	TH.	r7 15	11 7	r7 11	11 5	r7 8	11 3

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FIRST QUARTER ..	2d. 7h. 16m. A.	2d. 6h. 16m. A.
FULL MOON	9d. 0h. 23m. A.	9d. 11h. 23m. M.
LAST QUARTER...	16d. 8h. 9m. M.	16d. 7h. 9m. M.
NEW MOON	24d. 11h. 43m. M.	24d. 10h. 43m. M.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	FR.	r7 14	morn	r7 10	morn	r7 7	morn
2	SA.	s5 15	0 13	s5 19	0 9	s5 23	0 6
3	✠	r7 12	1 23	r7 9	1 18	r7 5	1 13
4	MO.	s5 18	2 36	s5 21	2 30	s5 25	2 24
5	TU.	r7 10	3 49	r7 7	3 42	r7 3	3 34
6	WE.	s5 20	4 57	s5 24	4 49	s5 27	4 42
7	TH.	r7 8	5 56	r7 4	5 49	r7 1	5 42
8	FR.	s5 23	6 41	s5 26	6 35	s5 29	6 30
9	SA.	r7 6	rises.	r7 2	rises.	r6 59	rises.
10	✠	s5 26	6 51	s5 29	6 53	s5 32	6 56
11	MO.	r7 2	8 11	r7 0	8 11	r6 57	8 13
12	TU.	s5 28	9 27	s5 31	9 26	s5 34	9 25
13	WE.	r7 0	10 42	r6 57	10 39	r6 54	10 37
14	TH.	s5 31	11 57	s5 33	11 52	s5 36	11 49
15	FR.	r6 58	morn	r6 54	morn	r6 52	morn
16	SA.	s5 33	1 9	s5 36	1 4	s5 38	0 58
17	✠	r6 55	2 17	r6 52	2 11	r6 49	2 4
18	MO.	s5 36	3 20	s5 38	3 13	s5 41	3 5
19	TU.	r6 52	4 15	r6 49	4 7	r6 47	4 0
20	WE.	s5 38	5 1	s5 41	4 54	s5 43	4 47
21	TH.	r6 49	5 37	r6 46	5 31	r6 44	5 25
22	FR.	s5 41	6 5	s5 43	6 0	s5 45	5 55
23	SA.	r6 46	6 31	r6 43	6 27	r6 41	6 23
24	✠	s5 43	sets.	s5 46	sets.	s5 47	sets.
25	MO.	r6 43	6 53	r6 40	6 54	r6 39	6 56
26	TU.	s5 46	7 54	s5 48	7 53	s5 50	7 54
27	WE.	r6 39	8 58	r6 38	8 56	r6 36	8 55
28	TH.	s5 48	10 4	s5 50	10 1	s5 52	9 59
..	....	.....	.....	.....	.....	.....	.....
..	....	.....	.....	.....	.....	....	.....
..	....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
First Quarter..	4d. 7h. 40m. M.	4d. 6h. 40m. M.
Full Moon	10d. 10h. 38m. A.	10d. 9h. 38m. A.
Last Quarter...	18d. 0h. 31m. M.	17d. 11h. 31m. A.
New Moon.....	26d. 5h. 25m. M.	26d. 4h. 25m. M.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	Sun R.&S.	Moon R.&S.	Sun R.&S.	Moon R.&S.	Sun R.&S.	Moon R.&S.
1	Fr.	r6 36	11 13	r6 35	11 9	r6 33	11 4
2	Sa.	s5 51	morn	s5 52	morn	s5 54	morn
3	S	r6 33	0 24	r6 31	0 18	r6 30	0 12
4	Mo.	s5 53	1 35	s5 54	1 28	s5 56	1 21
5	Tu.	r6 30	2 43	r6 28	2 35	r6 27	2 28
6	We.	s5 56	3 43	s5 57	3 36	s5 58	3 28
7	Th.	r6 27	4 32	r6 25	4 26	r6 24	4 19
8	Fr.	s5 58	5 11	s5 59	5 6	s6 0	5 1
9	Sa.	r6 23	5 42	r6 22	5 39	r6 21	5 36
10	S	s6 0	rises.	s6 1	rises.	s6 2	rises.
11	Mo.	r6 19	6 59	r6 19	6 59	r6 18	6 59
12	Tu.	s6 3	8 17	s6 3	8 15	s6 4	8 14
13	We.	r6 16	9 33	r6 15	9 29	r6 15	9 27
14	Th.	s6 5	10 48	s6 5	10 43	s6 6	10 38
15	Fr.	r6 13	morn	r6 12	11 55	r6 12	11 49
16	Sa.	s6 7	0 1	s6 7	morn	s6 8	morn
17	S	r6 9	1 9	r6 9	1 2	r6 9	0 54
18	Mo.	s6 10	2 8	s6 10	2 0	s6 10	1 53
19	Tu.	r6 6	2 59	r6 6	2 52	r6 6	2 44
20	We.	s6 12	3 38	s6 12	3 32	s6 12	3 25
21	Th.	r6 2	4 9	r6 2	4 4	r6 2	3 58
22	Fr.	s6 14	4 35	s6 14	4 31	s6 14	4 26
23	Sa.	r5 59	4 57	r5 59	4 54	r5 59	4 52
24	S	s6 16	5 17	s6 16	5 15	s6 16	5 14
25	Mo.	r5 55	5 34	r5 56	5 33	r5 56	5 34
26	Tu.	s6 19	sets.	s6 18	sets.	s6 18	sets.
27	We.	r5 52	7 55	r5 52	7 52	r5 53	7 51
28	Th.	s6 21	9 3	s6 20	8 59	s6 19	8 55
29	Fr.	r5 48	10 14	r5 49	10 9	r5 50	10 3
30	Sa.	s6 23	11 26	s6 22	11 20	s6 21	11 13
31	S	r5 45	morn	r5 46	morn	r5 47	morn

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FIRST QUARTER ..	2d. 4h. 28m. A.	2d. 3h. 28m. A.
FULL MOON	9d. 8h. 43m. M.	9d. 7h. 43m. M.
LAST QUARTER...	16d. 6h. 22m. A.	16d. 5h. 22m. A.
NEW MOON	24d. 8h. 11m. A.	24d. 7h. 11m. A.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.		LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Local Mean Time.		Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	MO.	r5 43	0 35	r5 44	0 28	r5 46	0 20
2	TU.	s6 26	1 37	s6 25	1 30	s6 24	1 22
3	WE.	r5 40	2 28	r5 41	2 21	r5 42	2 14
4	TH.	s6 29	3 10	s6 27	3 4	s6 26	2 59
5	FR.	r5 36	3 43	r5 38	3 39	r5 39	3 35
6	SA.	s6 31	4 9	s6 29	4 6	s6 28	4 5
7	☰	r5 33	4 32	r5 35	4 31	r5 36	4 31
8	MO.	s6 33	4 55	s6 32	4 55	s6 30	4 57
9	TU.	r5 30	rises.	r5 31	rises.	r5 33	rises.
10	WE.	s6 36	8 23	s6 34	8 19	s6 32	8 14
11	TH.	r5 26	9 39	r5 28	9 33	r5 30	9 28
12	FR.	s6 38	10 51	s6 36	10 44	s6 34	10 37
13	SA.	r5 23	11 56	r5 25	11 49	r5 27	11 41
14	☰	s6 40	morn	s6 38	morn	s6 36	morn
15	MO.	r5 20	0 51	r5 22	0 44	r5 24	0 36
16	TU.	s6 42	1 35	s6 40	1 28	s6 38	1 21
17	WE.	r5 16	2 10	r5 19	2 4	r5 21	1 58
18	TH.	s6 44	2 38	s6 42	2 33	s6 40	2 29
19	FR.	r5 13	3 1	r5 16	2 58	r5 18	2 55
20	SA.	s6 47	3 21	s6 44	3 19	s6 42	3 17
21	☰	r5 10	3 39	r5 13	3 38	r5 16	3 38
22	MO.	s6 49	3 57	s6 46	3 57	s6 44	3 58
23	TU.	r5 7	4 16	r5 10	4 18	r5 13	4 20
24	WE.	s6 51	4 37	s6 48	4 40	s6 46	4 44
25	TH.	r5 4	sets.	r5 7	sets.	r5 10	sets.
26	FR.	s6 53	9 14	s6 50	9 8	s6 48	9 2
27	SA.	r5 1	10 26	r5 4	10 19	r5 8	10 12
28	☰	s6 56	11 31	s6 52	11 24	s6 49	11 16
29	MO.	r4 59	morn	r5 2	morn	r5 5	morn
30	TU.	s6 58	0 25	s6 54	0 18	s6 51	0 11
..	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FIRST QUARTER..	1d. 10h. 44m. A.	1d. 9h. 44m. A.
FULL MOON	8d. 6h. 59m. A.	8d. 5h. 59m. A.
LAST QUARTER...	16d. 0h. 44m. A.	16d. 11h. 44m. M.
NEW MOON.....	24d. 7h. 46m. M.	24d. 6h. 46m. M.
FIRST QUARTER..	31d. 3h. 48m. M.	31d. 2h. 48m. M.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.		LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Local Mean Time.		Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	WE.	r4 56	1 8	r4 59	1 2	r5 3	0 56
2	TH.	s7 0	1 43	s6 57	1 38	s6 53	1 34
3	FR.	r4 53	2 12	r4 57	2 9	r5 0	2 7
4	SA.	s7 2	2 36	s6 59	2 34	s6 55	2 34
5	S	r4 50	2 58	r4 54	2 58	r4 58	2 59
6	MO.	s7 4	3 20	s7 1	3 21	s6 57	3 24
7	TU.	r4 48	3 43	r4 52	3 46	r4 56	3 49
8	WE.	s7 7	4 10	s7 3	4 14	s6 59	4 19
9	TH.	r4 45	rises.	r4 49	rises.	r4 54	rises.
10	FR.	s7 9	9 39	s7 5	9 32	s7 1	9 24
11	SA.	r4 43	10 39	r4 47	10 32	r4 52	10 24
12	S	s7 11	11 28	s7 7	11 21	s7 2	11 14
13	MO.	r4 41	morn	r4 45	morn	r4 50	11 55
14	TU.	s7 13	0 7	s7 9	0 1	s7 4	morn
15	WE.	r4 39	0 38	r4 43	0 33	r4 48	0 28
16	TH.	s7 15	1 3	s7 11	0 59	s7 6	0 55
17	FR.	r4 37	1 24	r4 41	1 21	r4 46	1 20
18	SA.	s7 17	1 43	s7 13	1 42	s7 8	1 41
19	S	r4 35	2 1	r4 40	2 1	r4 44	2 2
20	MO.	s7 19	2 20	s7 14	2 21	s7 9	2 23
21	TU.	r4 33	2 39	r4 38	2 41	r4 43	2 45
22	WE.	s7 21	3 1	s7 16	3 5	s7 11	3 9
23	TH.	r4 31	3 29	r4 36	3 34	r4 41	3 40
24	FR.	s7 23	sets.	s7 18	sets.	s7 13	sets.
25	SA.	r4 30	9 19	r4 35	9 12	r4 40	9 4
26	S	s7 25	10 20	s7 20	10 13	s7 14	10 5
27	MO.	r4 29	11 8	r4 34	11 2	r4 39	10 56
28	TU.	s7 27	11 45	s7 21	11 40	s7 16	11 35
29	WE.	r4 27	morn	r4 33	morn	r4 38	morn
30	TH.	s7 28	0 15	s7 23	0 11	s7 18	0 9
31	FR.	r4 26	0 40	r4 32	0 38	r4 37	0 37

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	7d. 6h. 0m. M.	7d. 5h. 0m. M.
LAST QUARTER...	15d. 6h. 28m. M.	15d. 5h. 28m. M.
NEW MOON	22d. 4h. 51m. A.	22d. 3h. 51m. A.
FIRST QUARTER ..	29d. 9h. 1m. M.	29d. 8h. 1m. M.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	SA.	r4 26	1 2	r4 31	1 1	r4 36	1 2
2	☰	s7 30	1 24	s7 25	1 25	s7 20	1 27
3	MO.	r4 25	1 46	r4 30	1 48	r4 36	1 52
4	TU.	s7 32	2 10	s7 27	2 14	s7 21	2 18
5	WE.	r4 24	2 39	r4 29	2 44	r4 35	2 50
6	TH.	s7 33	3 15	s7 28	3 21	s7 22	3 28
7	FR.	r4 23	rises.	r4 29	rises.	r4 34	rises.
8	SA.	s7 35	9 19	s7 29	9 12	s7 23	9 4
9	☰	r4 23	10 3	r4 28	9 57	r4 34	9 50
10	MO.	s7 36	10 37	s7 30	10 32	s7 24	10 26
11	TU.	r4 22	11 4	r4 28	11 0	r4 34	10 55
12	WE.	s7 37	11 27	s7 31	11 24	s7 25	11 22
13	TH.	r4 22	11 47	r4 28	11 45	r4 34	11 44
14	FR.	s7 38	morn	s7 32	morn	s7 26	morn
15	SA.	r4 22	0 5	r4 28	0 4	r4 34	0 5
16	☰	s7 38	0 22	s7 33	0 23	s7 27	0 24
17	MO.	r4 22	0 40	r4 28	0 42	r4 34	0 45
18	TU.	s7 39	1 2	s7 33	1 5	s7 28	1 9
19	WE.	r4 23	1 27	r4 28	1 32	r4 34	1 37
20	TH.	s7 40	1 58	s7 34	2 4	s7 28	2 10
21	FR.	r4 23	2 38	r4 29	2 45	r4 34	2 52
22	SA.	s7 40	sets.	s7 34	sets.	s7 29	sets.
23	☰	r4 23	9 0	r4 29	8 54	r4 35	8 47
24	MO.	s7 40	9 45	s7 35	9 40	s7 29	9 34
25	TU.	r4 24	10 18	r4 30	10 14	r4 35	10 10
26	WE.	s7 40	10 44	s7 35	10 42	s7 29	10 40
27	TH.	r4 25	11 7	r4 30	11 6	r4 36	11 6
28	FR.	s7 40	11 29	s7 35	11 29	s7 29	11 31
29	SA.	r4 25	11 51	r4 31	11 53	r4 37	11 56
30	☰	s7 40	morn	s7 35	morn	s7 29	morn
..	....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	6d. 6h. 29m. A.	6d. 5h. 29m. A.
LAST QUARTER...	14d. 10h. 31m. A.	14d. 9h. 31m. A.
NEW MOON	22d. 0h. 32m. M.	21d. 11h. 32m. A.
FIRST QUARTER..	28d. 3h. 36m. A	28d. 2h. 36m. A.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	MO.	r4 26	0 15	r4 32	0 18	r4 38	0 23
2	TU.	s7 40	0 42	s7 35	0 47	s7 29	0 52
3	WE.	r4 27	1 14	r4 33	1 20	r4 39	1 27
4	TH.	s7 40	1 53	s7 34	2 0	s7 29	2 8
5	FR.	r4 29	2 41	r4 34	2 48	r4 40	2 57
6	SA.	s7 40	rises.	s7 34	rises.	s7 28	rises.
7	☵	r4 30	8 37	r4 36	8 31	r4 41	8 25
8	MO.	s7 39	9 5	s7 33	9 0	s7 27	8 55
9	TU.	r4 31	9 29	r4 37	9 25	r4 42	9 23
10	WE.	s7 38	9 50	s7 32	9 48	s7 27	9 46
11	TH.	r4 33	10 9	r4 38	10 8	r4 44	10 8
12	FR.	s7 37	10 27	s7 32	10 27	s7 26	10 28
13	SA.	r4 34	10 45	r4 40	10 46	r4 45	10 49
14	☵	s7 36	11 5	s7 31	11 8	s7 25	11 11
15	MO.	r4 36	11 27	r4 41	11 31	r4 46	11 36
16	TU.	s7 35	11 54	s7 29	11 59	s7 24	morn
17	WE.	r4 37	morn	r4 43	morn	r4 48	0 5
18	TH.	s7 34	0 28	s7 28	0 34	s7 23	0 42
19	FR.	r4 39	1 14	r4 44	1 21	r4 49	1 30
20	SA.	s7 32	2 14	s7 27	2 21	s7 21	2 30
21	☵	r4 41	3 26	r4 46	3 33	r4 51	3 41
22	MO.	s7 30	sets.	s7 25	sets.	s7 20	sets.
23	TU.	r4 43	8 44	r4 48	8 41	r4 53	8 39
24	WE.	s7 29	9 9	s7 23	9 7	s7 19	9 7
25	TH.	r4 45	9 32	r4 49	9 32	r4 54	9 33
26	FR.	s7 27	9 55	s7 22	9 56	s7 18	9 59
27	SA.	r4 47	10 18	r4 51	10 21	r4 55	10 25
28	☵	s7 25	10 44	s7 20	10 48	s7 15	10 54
29	MO.	r4 49	11 15	r4 53	11 20	r4 58	11 27
30	TU.	s7 23	11 52	s7 18	11 58	s7 13	morn
31	WE.	r4 51	morn	r4 55	morn	r5 0	0 6

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	5d. 8h. 51m. M.	5d. 7h. 51m. M.
LAST QUARTER...	13d. 0h. 18m. A.	13d. 11h. 18m. M.
NEW MOON.....	20d. 7h. 56m. M.	20d. 6h. 56m. M.
FIRST QUARTER..	27d. 0h. 43m. M.	26d. 11h. 43m. A.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TH.	r4 52	0 38	r4 56	0 45	r5 0	0 54
2	FR.	s7 19	1 31	s7 15	1 38	s7 10	1 47
3	SA.	r4 54	2 31	r4 58	2 38	r5 2	2 46
4	☯	s7 16	3 36	s7 12	3 42	s7 8	3 49
5	MO.	r4 56	rises.	r5 0	rises.	r5 4	rises.
6	TU.	s7 14	7 56	s7 10	7 53	s7 6	7 52
7	WE.	r4 58	8 15	r5 2	8 13	r5 5	8 13
8	TH.	s7 11	8 33	s7 8	8 33	s7 4	8 33
9	FR.	r5 0	8 51	r5 4	8 52	r5 7	8 54
10	SA.	s7 8	9 9	s7 5	9 11	s7 1	9 14
11	☯	r5 2	9 29	r5 5	9 32	r5 9	9 37
12	MO.	s7 6	9 53	s7 2	9 58	s6 59	10 3
13	TU.	r5 4	10 23	r5 7	10 29	r5 11	10 36
14	WE.	s7 3	11 2	s7 0	11 9	s6 56	11 17
15	TH.	r5 6	11 54	r5 9	morn	r5 13	morn
16	FR.	s7 0	morn	s6 57	0 1	s6 54	0 10
17	SA.	r5 8	1 0	r5 11	1 7	r5 15	1 16
18	☯	s6 57	2 17	s6 54	2 23	s6 51	2 30
19	MO.	r5 11	3 39	r5 13	3 44	r5 16	3 50
20	TU.	s6 54	sets.	s6 51	sets.	s6 49	sets.
21	WE.	r5 13	7 34	r5 15	7 33	r5 18	7 33
22	TH.	s6 51	7 56	s6 48	7 57	s6 45	7 59
23	FR.	r5 15	8 19	r5 17	8 21	r5 20	8 25
24	SA.	s6 48	8 45	s6 45	8 49	s6 43	8 54
25	☯	r5 17	9 15	r5 19	9 20	r5 22	9 26
26	MO.	s6 44	9 51	s6 42	9 57	s6 40	10 5
27	TU.	r5 19	10 35	r5 21	10 42	r5 24	10 51
28	WE.	s6 41	11 26	s6 39	11 33	s6 37	11 42
29	TH.	r5 21	morn	r5 23	morn	r5 25	morn
30	FR.	s6 38	0 25	s6 36	0 32	s6 34	0 40
31	SA.	r5 23	1 29	r5 25	1 35	r5 27	1 42

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	4d. 0h. 55m. M.	3d. 11h. 55m. A.
LAST QUARTER...	11d. 11h. 51m. A.	11d. 10h. 51m. A.
NEW MOON	18d. 3h. 55m. A.	18d. 2h. 55m. A.
FIRST QUARTER ..	25d. 1h. 23m. A.	25d. 0h. 23m. A.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.		LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Local Mean Time.		Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	♋	r5 24	2 34	r5 26	2 39	r5 28	2 45
2	MO.	s6 33	3 39	s6 31	3 43	s6 29	3 48
3	TU.	r5 26	4 41	r5 28	4 44	r5 30	4 47
4	WE.	s6 29	rises.	s6 28	rises.	s6 26	rises.
5	TH.	r5 28	6 57	r5 30	6 58	r5 32	6 59
6	FR.	s6 26	7 14	s6 25	7 16	s6 23	7 19
7	SA.	r5 30	7 34	r5 32	7 37	r5 34	7 41
8	♋	s6 23	7 58	s6 21	8 2	s6 20	8 7
9	MO.	r5 33	8 25	r5 34	8 30	r5 35	8 37
10	TU.	s6 19	8 59	s6 18	9 5	s6 17	9 13
11	WE.	r5 35	9 44	r5 36	9 51	r5 37	10 0
12	TH.	s6 16	10 42	s6 15	10 49	s6 14	10 58
13	FR.	r5 37	11 52	r5 38	11 59	r5 39	morn
14	SA.	s6 12	morn	s6 11	morn	s6 11	0 7
15	♋	r5 39	1 10	r5 40	1 15	r5 41	1 22
16	MO.	s6 9	2 31	s6 8	2 35	s6 7	2 40
17	TU.	r5 41	3 54	r5 42	3 56	r5 43	4 0
18	WE.	s6 5	5 15	s6 5	5 16	s6 4	5 18
19	TH.	r5 43	sets.	r5 44	sets.	r5 44	sets.
20	FR.	s6 2	6 44	s6 1	6 47	s6 1	6 51
21	SA.	r5 45	7 13	r5 46	7 18	r5 46	7 23
22	♋	s5 58	7 47	s5 58	7 53	s5 58	8 0
23	MO.	r5 48	8 28	r5 48	8 35	r5 48	8 43
24	TU.	s5 54	9 18	s5 55	9 25	s5 54	9 34
25	WE.	r5 50	10 16	r5 50	10 23	r5 50	10 32
26	TH.	s5 51	11 19	s5 51	11 25	s5 51	11 33
27	FR.	r5 52	morn	r5 52	morn	r5 52	morn
28	SA.	s5 47	0 24	s5 48	0 29	s5 48	0 36
29	♋	r5 54	1 29	r5 54	1 33	r5 53	1 39
30	MO.	s5 44	2 32	s5 44	2 35	s5 45	2 39
..	....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	3d. 5h. 47m. A.	3d. 4h. 47m. A.
LAST QUARTER...	11d. 9h. 34m. M.	11d. 8h. 34m. M.
NEW MOON.....	18d. 1h. 10m. M.	18d. 0h. 10m. M.
FIRST QUARTER..	25d. 6h. 4m. M.	25d. 5h. 4m. M.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TU.	r5 56	3 35	r5 56	3 37	r5 55	3 40
2	WE.	s5 40	4 37	s5 41	4 38	s5 42	4 39
3	TH.	r5 58	5 38	r5 58	5 37	r5 57	5 37
4	FR.	s5 37	rises.	s5 38	rises.	s5 39	rises.
5	SA.	r6 1	6 2	r6 0	6 6	r5 59	6 11
6	☵	s5 34	6 29	s5 35	6 34	s5 36	6 40
7	MO.	r6 3	7 2	r6 2	7 8	r6 1	7 15
8	TU.	s5 30	7 43	s5 31	7 50	s5 33	7 58
9	WE.	r6 5	8 35	r6 4	8 42	r6 3	8 51
10	TH.	s5 27	9 38	s5 28	9 45	s5 30	9 53
11	FR.	r6 7	10 51	r6 6	10 57	r6 5	11 4
12	SA.	s5 24	morn	s5 25	morn	s5 27	morn
13	☵	r6 10	0 9	r6 8	0 14	r6 7	0 19
14	MO.	s5 20	1 28	s5 22	1 31	s5 24	1 35
15	TU.	r6 12	2 47	r6 11	2 49	r6 9	2 51
16	WE.	s5 17	4 6	s5 19	4 6	s5 21	4 7
17	TH.	r6 15	5 24	r6 13	5 22	r6 11	5 22
18	FR.	s5 14	sets.	s5 16	sets.	s5 18	sets.
19	SA.	r6 17	5 42	r6 15	5 47	r6 13	5 53
20	☵	s5 11	6 21	s5 13	6 27	s5 15	6 35
21	MO.	r6 20	7 8	r6 17	7 15	r6 15	7 24
22	TU.	s5 8	8 3	s5 10	8 10	s5 12	8 19
23	WE.	r6 22	9 6	r6 19	9 13	r6 17	9 21
24	TH.	s5 5	10 12	s5 7	10 18	s5 10	10 25
25	FR.	r6 24	11 18	r6 22	11 23	r6 19	11 28
26	SA.	s5 2	morn	s5 5	morn	s5 7	morn
27	☵	r6 26	0 22	r6 24	0 25	r6 21	0 30
28	MO.	s4 59	1 25	s5 2	1 27	s5 5	1 30
29	TU.	r6 29	2 27	r6 26	2 28	r6 24	2 30
30	WE.	s4 57	3 28	s4 39	3 28	s5 2	3 28
31	TH.	r6 32	4 30	r6 28	4 28	r6 26	4 28

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	2d. 10h. 18m. M.	2d. 9h. 18m. M.
LAST QUARTER...	9d. 6h. 6m. A.	9d. 5h. 6m. A.
NEW MOON	16d. 0h. 11m. A.	16d. 11h. 11m. M.
FIRST QUARTER ..	24d. 2h. 19m. M.	24d. 1h. 19m. M.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	FR.	r6 33	5 34	r6 30	5 31	r6 27	5 29
2	SA.	s4 53	6 41	s4 56	6 37	s4 59	6 33
3	☧	r6 35	rises.	r6 32	rises.	r6 29	rises.
4	MO.	s4 50	5 41	s4 53	5 48	s4 57	5 56
5	TU.	r6 38	6 31	r6 35	6 38	r6 31	6 47
6	WE.	s4 48	7 32	s4 51	7 39	s4 55	7 48
7	TH.	r6 41	8 42	r6 37	8 48	r6 33	8 56
8	FR.	s4 45	9 57	s4 49	10 2	s4 53	10 8
9	SA.	r6 43	11 13	r6 39	11 17	r6 36	11 21
10	☧	s4 43	morn	s4 47	morn	s4 51	morn
11	MO.	r6 45	0 29	r6 42	0 31	r6 38	0 34
12	TU.	s4 41	1 45	s4 45	1 46	s4 49	1 47
13	WE.	r6 48	3 2	r6 44	3 1	r6 40	3 1
14	TH.	s4 39	4 19	s4 43	4 17	s4 47	4 15
15	FR.	r6 50	5 37	r6 46	5 33	r6 42	5 29
16	SA.	s4 38	6 56	s4 42	6 51	s4 46	6 45
17	☧	r6 53	sets.	r6 49	sets.	r6 45	sets.
18	MO.	s4 36	5 49	s4 40	5 56	s4 44	6 5
19	TU.	r6 55	6 50	r6 51	6 57	r6 47	7 5
20	WE.	s4 34	7 56	s4 39	8 2	s4 43	8 9
21	TH.	r6 58	9 4	r6 54	9 9	r6 49	9 15
22	FR.	s4 33	10 10	s4 38	10 14	s4 42	10 19
23	SA.	r7 0	11 14	r6 56	11 17	r6 51	11 20
24	☧	s4 32	morn	s4 37	morn	s4 41	morn
25	MO.	r7 3	0 15	r6 58	0 16	r6 53	0 19
26	TU.	s4 31	1 16	s4 36	1 16	s4 40	1 17
27	WE.	r7 5	2 17	r7 0	2 16	r6 55	2 16
28	TH.	s4 30	3 20	s4 35	3 18	s4 39	3 16
29	FR.	r7 7	4 25	r7 2	4 21	r6 57	4 19
30	SA.	s4 29	5 53	s4 34	5 28	s4 39	5 23
..	....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FULL MOON	2d. 1h. 38m. M.	2d. 0h. 38m. M.
LAST QUARTER...	9d. 2h. 9m. M.	9d. 1h. 9m. M.
NEW MOON.....	16d. 1h. 30m. M.	16d. 0h. 30m. M.
FIRST QUARTER..	24d. 0h. 21m. M.	23d. 11h. 21m. A.
FULL MOON	31d. 3h. 31m. A.	31d. 2h. 31m. A.

		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		LAT. OF NEW YORK AND PHILA. Local Mean Time.		LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	S	r7 9	6 44	r7 4	6 38	r6 58	6 32
2	MO.	s4 28	rises.	s4 33	rises.	s4 38	rises.
3	TU.	r7 11	5 23	r7 6	5 30	r7 0	5 39
4	WE.	s4 28	6 32	s4 33	6 38	s4 38	6 46
5	TH.	r7 14	7 47	r7 8	7 52	r7 2	7 59
6	FR.	s4 28	9 5	s4 33	9 9	s4 38	9 14
7	SA.	r7 16	10 21	r7 10	10 24	r7 4	10 27
8	S	s4 28	11 36	s4 33	11 37	s4 38	11 39
9	MO.	r7 17	morn	r7 12	morn	r7 6	morn
10	TU.	s4 28	0 50	s4 33	0 50	s4 38	0 50
11	WE.	r7 19	2 4	r7 14	2 2	r7 8	2 1
12	TH.	s4 28	3 19	s4 33	3 16	s4 39	3 13
13	FR.	r7 21	4 36	r7 15	4 31	r7 9	4 26
14	SA.	s4 28	5 52	s4 34	5 46	s4 39	5 40
15	S	r7 22	7 3	r7 17	6 56	r7 11	6 49
16	MO.	s4 29	sets.	s4 34	sets.	s4 40	sets.
17	TU.	r7 24	5 39	r7 18	5 45	r7 12	5 53
18	WE.	s4 29	6 46	s4 35	6 52	s4 41	6 58
19	TH.	r7 25	7 53	r7 20	7 57	r7 14	8 3
20	FR.	s4 30	8 59	s4 36	9 2	s4 41	9 6
21	SA.	r7 26	10 2	r7 21	10 4	r7 15	10 7
22	S	s4 31	11 3	s4 37	11 4	s4 42	11 5
23	MO.	r7 27	morn	r7 22	morn	r7 16	morn
24	TU.	s4 32	0 3	s4 38	0 2	s4 43	0 3
25	WE.	r7 28	1 5	r7 22	1 3	r7 17	1 2
26	TH.	s4 34	2 9	s4 39	2 6	s4 45	2 4
27	FR.	r7 29	3 16	r7 23	3 12	r7 18	3 7
28	SA.	s4 35	4 24	s4 40	4 19	s4 46	4 13
29	S	r7 29	5 33	r7 24	5 27	r7 18	5 20
30	MO.	s4 36	6 40	s4 42	6 33	s4 47	6 25
31	TU.	r7 30	7 39	r7 24	7 32	r7 19	7 25

Ther. TUES. JAN. 1, 1895 Wea.

0 (6 am.) Clear

22+ (11 " ") Light Sun

22 (6 P.M.) Clear

Snow still remains from the storm of Dec 27

Sleighing good for the climate

Ther. WEDNESDAY 2 Wea.

20+ 6 A.M. Overcast

Half in snow

34+ 12 M. Snowing lightly

34+ 6 P.M. Snowing

Snow on about 2 in

Making 10 in all

2 Ther. THURSDAY 3 Wea.

30+ 6 A.M. Overcast

36+ 12 M. — "

36+ — 6 P.M. Overcast

M.R. & W.R. at Abbie

~~1 St — 6~~

Ther.	FRI. JAN. 4, 1895	Wea.
+32°	at 6 am.	Overcast
+26	" 12 M.,	Sun out
+25	" 6 P.M.	

Ther.	SATURDAY 5	Wea.
+16°	at 6 am	Fair
+32°	" 12 M	Overcast
+37°	" 6 P.M.	Ind. Rain

Ther.	SUNDAY 6	Wea.
+46°	at 6 am	Raining
+52°	" 12 M	Raining
+56	" 6 PM	Overcast

Snow nearly gone

Ther. MON. JAN. 7, 1895 Wea.

+54° at 6 am. Raining
Snow all melted.
+56. 12 M Raining

6 PM Little so am & Cloudy

Ther. TUESDAY 8 Wea.

+36° at 6 am, Indications) overcast
of snow)
0 at 7½ am Showing

Snow cleared but a
chilly disagreeable dark
day

Ther. WEDNESDAY 9 Wea.

+28° - 6 am - Overcast

+40° at 6 PM. Cloudy
Moon & Stars Showing

Ther. THURS. JAN. 10, 1895 Wea.

32° + 6 a.m. Overcast

31° + 12 M "

Damp snow 2 hr ±

11 PM Drizzly Rain

date 1 ahead

Ther. FRIDAY 11 Wea.

+32° at 6 am Overcast

+38° " 12 M. Sun out but little cloudy

+40° at 6 PM. floating clouds

Ther. SATURDAY 12 Wea.

+20° at 6 am " , cloudy

Winds N.W., Snowing

0° at 12 M, Heavy Snow Storm

−6° at 9.45 PM Clear

Ther. SUN. JAN. 13, 1895 Wea.

6 am -4° Cloudy

12 M +14° Snowing

Snow ceased (2 or 3 In.)

6 PM +20° Cloudy with indications of more snow

9 PM +18° & Overcast

Ther. MONDAY 14 Wea.

6 am +6° Clear

Afternoon Sun bright

5 PM +28 Clear

Ther. TUESDAY 15 Wea.

at 6 PM +38 Rainy

Housed with cold in head

Ther. WED. JAN. 16, 1895 Wea.

6 am 34+ Snowing

12 M 38°+ Sun out

6 PM 34+ lightly Overcast

Ther. THURSDAY 17 Wea.

6 am. 20°+ Foggy

12 M +38° Pleasant

6 PM. +33° Clear

Ther. FRIDAY 18 Wea.

6 am +26 Clear

Pleasant—at—Medium
thawing

Evening Rain threatened

8 PM 56°+ Strong N. Wind
Clear

Ther. SAT. JAN. 19, 1895 Wea.

6 am +42°, Wind Northerly, Clear

12 M. Still Warm & Cloudy

6 PM +34° Clear

Ther. SUNDAY 20 Wea.

6 AM +25° Fog

12 M +40°, Nearly Clear

6 PM +44° Cloudy

with indications of Rain

Walked with Mr. Gray

very Muddy

Ther. MONDAY 21 Wea.

6 am 48° + Threatening Rain

12 M 54° + Raining

6 PM 54° + Clear

Ther. TUES. JAN. 22, 1895 Wea.

6 am 32° a strong N. East wind blowing all night from east.

12 M 38° + N. N. W. Clear

6 PM +34° N. N. Clear

Ther. WEDNESDAY 23 Wea.

6 am 28° + N. N. Fair

Fair

Ther. THURSDAY 24 Wea.

6 am 16° + Clear

6 PM 25° + "

Ther. FRI. JAN. 25, 1895 Wea.

6 AM, 22+ Overcast

6 P.M. +34 Rain

Strong N.W. wind at Night

Ther. SATURDAY 26 Wea

Overcast

6 A.M. +33°. N.N.W. Strong

12 M. +28° Strong N.W. wind & cloudy

6 PM 28° Cloudy

Ther. SUNDAY 27 Wea.

6 AM. +22° Clear

West wind

Walk with N. R.

6 PM 28°

Ther.	MON. JAN. 28, 1895	Wea.
6 am +20°		clear
12 m +20°		Snowing
6 PM 20° +		No Snow

Ther.	TUESDAY 29	Wea.
6 am 19° +		Cloudy with light snow
12 m +32°		Clear
6 PM 30° +		Cloudy

Ther.	WEDNESDAY 30	Wea.
6 am 25° +		Cloudy
12 m 32° +		clear

Ther.	THURS. JAN. 31, 1895	Wea.
6 am +6°		Cloudy
26° + 12 M		Clear

Ther.	FRIDAY, FEB. 1	Wea.
13° + 6 am		Overcast
30° + 8.0 m		"

Ther.	SATURDAY 2	Wea.
25° + 6 a.m.		Snow
28° + 12 M		Clear
22° + 7 P.m.		Clear

Ther.	SUN. FEB. 3, 1895	Wea.
10° + 6 am		Overcast
28° + 12 m		"
32° + 6 PM		"

Ther.	MONDAY 4	Wea.
21° + 6 am		
22° + 12 m		clear
18° + 6 P.m.		"

Ther.	TUESDAY 5	Wea.
4° + 6 am		
16° + 12 m		Bright Sun
14° + 6 P.m	North	Clear

Ther. WED. FEB. 6, 1895 Wea.

10° + 6 am Overcast

12° + 6 PM Snowing

Overcast

12 M gave snow

Ther. THURSDAY 7 Wea.

4° + 6 am Snowy

18° + 12 M 4" ± Snow

Sun out

3° + 7 PM Cloudy

Ther. FRIDAY 8 Wea.

6 am — 4° Overcast

12 M 2° + N.N. Clear

6 PM 0° "

Ther. SAT. FEB. 9, 1895 Wea.

4° + 6 am. - Smooth. - Clear

12° + 12 M - " - "

12° + 6 PM "

Ther. SUNDAY 10 Wea.

3° - 6 am - Calm - Clear

6° 6 P.M. - " - "

Ther. MONDAY 11 Wea.

6 am 6° + - Calm - Overcast

12 M. 28° + " "

10 PM 20 " "

Ther.	TUES. FEB. 12, 1895	Wea.
6 am +16°		Overcast
6 PM +16		"

Ther.	WEDNESDAY 13	Wea.
6 am +6°	Calm	Overcast
12 M +18°		Sun out
6 PM +16°		Overcast

Ther.	THURSDAY 14	Wea.
6 am 12° +	Calm	Overcast
7 PM 24° +	Calm	Clear

Ther. FRI. FEB. 15, 1895 Wea.

10°+, 6 AM Calm - Overcast

32°+ 12 M " Pleasant

32° 6 P.M. " Overcast

Ther. SATURDAY 16 Wea.

26°+6 AM Calm - Overcast

Snowing

32°+ 12 M Sun out

Thawing

28+ 6 PM Calm Overcast

Ther. SUNDAY 17 Wea.

8°+ 6 AM Clear

+35° - 1 PM Thawing Sunshine

Wea.	Ther.	MON. FEB. 18, 1895	Wea.
ast	13.0 - 6 am		Rescast
l	40° + 12 pm		"
ast	36° + 6 PM		Cloudy

Wea.	Ther.	TUESDAY 19	Wea.
ast	28° + 6 am		Cloudy
ast	40° 12 M		Pleasant
	36° - 6 PM		

Wea.	3 Ther.	WEDNESDAY 20	Wea.
ar	16° + 6 am		Clear
lear	6 PM 36° +		"

Ther. THURS. FEB. 21, 1895 Wea.

38°+6 am Cloudy

36°+6 PM clear

Ther. FRIDAY 22 Wea.

29°+6 am

30°+6 PM

Ther. SATURDAY 23 Wea.

28°+6 am Overcast

7 PM 32°

Ther. SUN. FEB. 24, 1895 Wea.

20° + 6 am Clear
42° + 12 m "
40° + 6 pm "

Ther. MONDAY 25 Wea.

40° + 6 am Clear
48° + 6 P.M.
Snow nearly off,
River open again

Ther. TUESDAY 26. Wea.

30° + 6 am Clear

Ther. WED. FEB. 27, 1895 Wea.

6 am 26° + Clear

6 PM 50° + Indications of Rain

Ther. THURSDAY 28 Wea.

50° + 6 AM Looks like Rain

66° + 12 M

Ther. FRIDAY, MAR. 1 Wea.

58° + 6 am Drizzly

Ther. SAT. MAR. 2, 1895 Wea.

31° + 6 am Snowing

30° + 6 PM Clear

Ther. SUNDAY 3 Wea.

6 am 20° + Snow off

6 PM 42° Overcast

Ther. MONDAY 4 Wea.

48° + 6 am Cloudy

Mins S. W looks like Rain

Cold little strong wind

30° + 6 PM Windy & Cloudy

Ther. TUES. MAR. 5, 1895 Wea.

26° + 6 am, Calm, Cloudy

38° + 12 M. Clear. Cold wind

42° + 6 PM Clear

Ther. WEDNESDAY 6 Wea.

32° + 6 AM - Calm - Overcast
50° + 6 PM wind light "

Ther. THURSDAY 7 Wea.

32° + 6 am Rain.
40° + 12 M Still Raining
40° + 6 PM " "

Ther. FRI. MAR. 8, 1895 Wea.

54° + 12 M Fair

33 + 6 PM Snowing

Ther. SATURDAY 9 Wea.

22° + 6 AM Clear

42° + 6 PM "

Ther. SUNDAY 10 Wea.

36° + 6 AM – Calm – Clear

Rain at night –

Owing to Clouds the Eclipse

Not Visible

Ther. MON. MAR. 11, 1895 Wea.

34° + 6 am Rain Cleared
but still Cloudy
34° + 6 PM Overcast

Slaughter 1/2 D

Ther. TUESDAY 12 Wea.

36° + 6 am Overcast
60° + 6 PM

Naughtman 1 D $1 00
Slaughter 1/2 "

Ther. WEDNESDAY 13 Wea.

Rain
~~Naughtman 1/2~~ 50
SC

Ther. THURS. MAR. 14, 1895 Wea.

36° + 6 am Cloudy
29° + 6 pm

Hauptmann 1/2 d .50
Stamme 1/2 d .50

Cold & Cloudy

Ther. FRIDAY 15 Wea.

30° + 6 am Rain
all night with Thunder
Sleet this morning
34° + 12 M Still Rain &
Sleet

Ther. SATURDAY 16 Wea.

24° + 6 am White with Snow
~~34° + 6 pm~~ Cloudy
28° + M, still cloudy but
Snow apparently over
24° + 6 pm cloudy

Ther. SUN. MAR. 17, 1895 Wea.

6 am +22° Clear & pleasant Bright Sun light

{Mrs John Means to be buried this evening}

12 m +36° Clear
6 PM +36° "

Ther. MONDAY 18 Wea.

32° +6 am Clear

50° + 6 PM Fair

Ther. TUESDAY 19 Wea.

30° + 6 am Clear

~~6 m~~

48° + 6 PM Overcast

Stormy 1 day

Ther.	WED. MAR. 20, 1895	Wea.
32° + 6 am		Snowing
32° + 6 PM		Snow ~~at~~ 0 ock
	No Snow in the Night	

Ther.	THURSDAY 21	Wea.
21° + 6 am		Clear
	about 2" Snow	
36° + 12 m		Pleasant
36° + 6 PM		Clear

Ther.	FRIDAY 22	Wea.
24° + 6 am		Clear
40 + 6 PM		"

Ther. SAT. MAR. 23, 1895 Wea.

Warm & Pleasant.

Ther. SUNDAY 24 Wea.

48° + 6 am Overcast

62° + 12 m — N.W. — Clear

Ther. MONDAY 25 Wea.

56° + 6 am, Light Rain in the night, still Cloudy

ea.

Ther. TUES. MAR. 26, 1895 Wea.

42° + 6 AM — M M 65 — Clear

48 + 6 PM Clear

Planted onion sets &

Hero peas

ea.

Ther. WEDNESDAY 27 Wea.

30° + 6 AM Clear

61° + 6 PM "

Wea.

Ther. THURSDAY 28 Wea.

50° + 6 AM Calm Clear

Ther. FRI. MAR. 29, 1895 Wea.

38° + 6 am Clear

Ther. SATURDAY 30 Wea.

62 + 6 am Clear
72 + 6 pm "

The warmest day

Burning Brush in

Garden

Ther. SUNDAY 31 Wea.

50° 6 am - Red Sun

Ther. MON. APRIL 1, 1895 Wea.

56°+6 am Sprinkle
of Rain in Night
at 7 am Raining

a Rainy day with thunder
and hail in the evening

60°+6 PM

Ther. TUESDAY 2 Wea.

43°+6 am Drizzling

42°+12 M Cold & Raining

38°+7 PM Cold & Cloudy

Ther. WEDNESDAY 3 Wea.

33°+6 am Clear
a film of ice on cows but

6 P.M. 42°+ Cold, Cloudy

Ther. THURS. APRIL 4, 1895 Wea.

38° + 6 am Cloudy

48° + 7 PM a pleasant day

Ther. FRIDAY 5 Wea.

32° + 6 am Clear

66° + 12 M Pleasant

6 PM + 70° Overcast

Ther. SATURDAY 6 Wea.

56° + 6 am Slightly Overcast

69° + 6 PM Scattering clouds

Ther. SUN. APRIL 7, 1895 Wea.

58° + 6 am Raining

68° + 6 PM

A pleasant Evening

Ther. MONDAY 8 Wea.

56° + 6 AM Clear

Rains in the Night

56° + 7 PM Clear

Ther. TUESDAY 9 Wea.

46° + 6 AM Drizzly

Ther. WED. APRIL 10, 1895 Wea.

41° 6 am Clear

Planted Yorkshire Hogs

" Beets, Blood Turnips

Ther. THURSDAY 11 Wea.

34° 6 am Clear

Ther. FRIDAY 12 Wea.

50° 6 am Overcast

66° 2 PM Sprinkling

Mrs. W. & Aunt M. left for Maysville

Commenced plowing garden

Ther. SAT. APRIL 13, 1895 Wea.

50° + 6 am Indications fair

A Heavy Shower in the Night

56° + 6 am dark North

Ther. SUNDAY 14 Wea.

44° + 6 am Cloudy

Rain in the Night

46° + 6 pm Clear

Showery day

Ther. MONDAY 15 Wea.

32° + 6 am Clear

Heavy frost

54° + 7 pm Clear

Mr. F. left for Topsham at 11 P.M.

Ther. TUES. APRIL 16, 1895 Wea.

44° + 5 am Overcast

W. F. leaves to night for Tapahan

Ther. WEDNESDAY 17 Wea.

46° + 6 am Clear

Powers Plowed Garden

Ther. THURSDAY 18 Wea.

36° + 6 am Clear

a Spring like day

Ther. FRI. APRIL 19, 1895 Wea.

38° + 6 am Clear

Sowed E. Blood Turnip Beet
& Lettuce
1st & 2 Rows Early Blood
3 & 4 " " Eastmans E. B
& Dewings Improved " "

Dwarf White Okra

Ther. SATURDAY 20 Wea.

44° + 7 am Clear
Planted Potatoes
& Onions, Sowed Early
Cabbage, Transplanted
Tom. to Hot bed

A Spring like day

65° + 7 PM ~~Planted Pot.~~
Kaufman Planted Pot.

Ther. SUNDAY 21 Wea.

40° + 6 am Pleasant

~~86° + 12 PM~~ "

Ther. MON. APRIL 22, 1895 Wea.

Rain in the Morning
Clear in Evening
A Letter from Wm

Rainy Morning
Evening Clear

Ther. TUESDAY 23 Wea.

40° + 6 am Clear
Planted Parsnips &
Marrowfat Pea &
Cucumber

68° + 6 PM
Spring like day
Bbl Flour from A.N.

Ther. WEDNESDAY 24 Wea.

44° + 5 am Clear
Barrel Flour from Arrow

Ther. THURS. APRIL 25, 1895 Wea.

48° + 6 am Clear

Ther. FRIDAY 26 Wea.

68° + 8 am Slightly Overcast
76° + 1 PM "

Planted Evergreen Beans
Transplanted Tomatoes

68° + 7 PM Overcast

Ther. SATURDAY 27 Wea.

+60°, 6 am, Raining

Planted K. W. Bean
2 " Opt - Tomato
Rain ceased at 8 am
12 M

Ther. SUN. APRIL 28, 1895 Wea.

Pleasant at home
all day

Ther. MONDAY 29 Wea.

78° + 12 M Clear
76° + 6 P M looks like Rain
Planted Corn & V. Beans

Ther. TUESDAY 30 Wea.

Clear
Planted Cantelope &
Squashes

73° + 12 M

Ther. WED. MAY 1, 1895 Wea.

60° + 6 am Clear

Ther. THURSDAY 2 Wea.

Clear

Planted Potatoes Onions
Letter from N.F.

80° + 12 M

Thundy indications of
Rain North of us

Ther. FRIDAY 3 Wea.

6 am + 62° Clear
Shower North a few
drops rain last Evening

12 M 80° +

1 PM " " a Gutter Washer

Ther. SAT. MAY 4, 1895 Wea.

Mrs Perre Returned this Evening

Ther. SUNDAY 5 Wea.

86° + 12 M Clear

Note Uncle Wag
" Mrs Hilton

Thunder all around

Ther. MONDAY 6 Wea.

62° + 5 AM Clear

Light Shower in the Night

82° + 12 M
Kaufman set 100 Tom,
Sowed celery in Hot-bed
light Shower at 5 PM

Ther. TUES. MAY 7, 1895 Wea.

12 M 80° + Pleasant

Overcast at noon & a little sprinkle of rain at 2 P.M.

Planted lima pole Bean

Ther. WEDNESDAY 8 Wea.

Clear

Ther. THURSDAY 9 Wea.

Clear

Ther. FRI. MAY 10, 1895 Wea.

86° + 12 M Clear

Slight Showers this Eve,
with heavy thunder

Ther. SATURDAY 11 Wea.

Slight Rain last Night

Overcast this Morning,
Planted Cucumbers 2d time
" C England Peas
Showers in the Evening

Ther. SUNDAY 12 Wea.

46° + 6 am clear
a cold night but no frost
about the premises

Evening, Nell, Abbie, May
Henry, John and Lily
up at Cemetery -
Wrote to M Flye

Ther. MON. MAY 13, 1895 Wea.

40° + 5 am Clear

No frost to be seen soon

Clouds gathering

Cold & Cloudy all day

Ther. TUESDAY 14 Wea.

40° + 5 am, windy, Cloudy

Cold all day

Reports of Cold & frost from all sections

Ther. WEDNESDAY 15 Wea.

36° + 5 am Clear

light frost - Waters beans melons & Tomatoes before sun rise

Planted some pole beans

6 PM, Rain, Warmer

Ther. THURS. MAY 16, 1895 Wea.

44° + 5 am, Raining
a rainy night

54° + 6 PM clear sun set,
Letter from Abbie K, Halton,
Pa improving

Ther. FRIDAY 17 Wea.

38° + 5 am Foggy
Heavy frost in Flat Woods
Overcast nearly all day
indications of rain

56° + 6 PM, indications
of a fair day tomorrow

Ther. SATURDAY 18 Wea.

40° + 5 am, fog. See no
indications of frost

2D flowing Cosmos
New imported lettuce

66° + 6 PM clear

Ther. SUN. MAY 19, 1895 Wea.

48° + 5 am Clear

68° + 12 M Sprinkling

Ther. MONDAY 20 Wea.

52° + 5 am Cloudy

Rain at Midday

Night - Clear

Ther. TUESDAY 21 Wea.

46° + 5 am Cloudy

Sprinkling in Morn

Evening fair

58° + 6 Noon, Mostly, Fair

Ther. WED. MAY 22, 1895 Wea.

36° + 5 am. Fog.

Fair day

62° + 6 PM. South.

Frost in hills last night

Ther. THURSDAY 23 Wea.

40° + 5. am. Fog

a fair day

7 PM 65° +

Ther. FRIDAY 24 Wea.

48° + 5 am, No fog, Fair

a long walk this
Evening. much damage
in Flatwoods by frost

Wea. Ther. SAT. MAY 25, 1895 Wea.

60° + 5 am Cloudy

Sowed Peppers

Wea. Ther. SUNDAY 26 Wea.

a shower this Evening

66° + 6 PM

still overcast

Wea. Ther. MONDAY 27 Wea.

48° + 5 am Indicates

a fair day.

62° + 7 PM Fair

Ther. TUES. MAY 28, 1895 Wea.

45° + 5 am Clear

78° + 12 m

68° + 7 PM clear

Ther. WEDNESDAY 29 Wea.

56° + 6 AM Clear

84° + 12 M "

84° + 6 PM "

Mrs Kinkead died at-
tep. on Sunday

Ther. THURSDAY 30 Wea.

64° + 6 am Clear

88° + 2 PM "

Ther.	FRI. MAY 31, 1895	Wea.
66° + 6 am		Clear
89° + 12 m		"
80° 7½ pm		"

Ther.	SATURDAY, JUNE 1	Wea.
88° + 12 m		Clear
88 + 6 pm		"

Ther.	SUNDAY 2	Wea.
68 + 6 am, Floating Clouds		
12 m		Fair
88° + 6 pm		Clear

Ther.	MON. JUNE 3, 1895	Wea.
66 + 5 am		Clear
92 + 12 M		"
88° + 6 PM		Clear

Ther.	TUESDAY 4	Wea.
68° 6 am		Clear
92° 2 PM		Clouds rising in the north
84° + 6 PM		Cloudy with indications of rain

Rain in the night

Ther.	WEDNESDAY 5	Wea.
70° + 6 am		Raining
Evening		Clear

Ther.	THURS. JUNE 6, 1895	Wea.
56° + 5 am		Clear
70° + 12 m		"
70 + 6 pm		"

Ther.	FRIDAY 7	Wea.
53° + 6 am		Clear
70° + 12 m		"
72° + 6 pm		"

Ther.	SATURDAY 8	Wea.
53° + 5 am		Heavy Fog
12 m		Warm - Clear
78° + 6 pm		

Ther.	SUN. JUNE 9, 1895	Wea.
58° 6 am		Clear
84° 12 M		"
84° 6 PM		"

Ther.	MONDAY 10	Wea.
66° 7 am		Clear
80° 12 M		"
with floating clouds		

Ther.	TUESDAY 11	Wea.
66° 7 am		Clear
80° 12 M		
80° 6 PM		

Ther. WED. JUNE 12, 1895 Wea.

Ther. THURSDAY 13 Wea.

Shower last night

82° + 12 m Floating Clouds

Finished Mowing

84 6 PM Clear

Ther. FRIDAY 14 Wea.

66° + 6 AM Fog

86° + 12 M Clear

Ther. SAT. JUNE 15, 1895 Wea.

Ther. SUNDAY 16 Wea.

Ther. MONDAY 17 Wea.

80° 12 M Clear

84° 2 PM "

Ther. TUES. JUNE 18, 1895 Wea.

78° + 9 am Clear

80° + 7 PM "

Ther. WEDNESDAY 19 Wea.

84° + 6 PM Clear

Ther. THURSDAY 20 Wea.

7 PM 84° + a Shower

this Evening

Ther. FRI. JUNE 21, 1895 Wea.

74° 6 am still cloudy

9 am Raining

12 M 74° Rain over

76° 3 PM Sun out

74° 6 PM clear

Ther. SATURDAY 22 Wea.

68° 6 am Clear

Ther. SUNDAY 23 Wea.

72° 7 am Clear

84° 12 M "

83° 6 PM "

Ther. MON. JUNE 24, 1895 Wea.

70° ± 6½ Clear

80° + 1 PM } Indications of a shower

Ther. TUESDAY 25 Wea.

68° + 6 am Floating Clouds

88° + 2 PM - Indications of a shower

80°. 6 PM - a slight sprinkle of rain about - 2 o'clock, now floating clouds

Ther. WEDNESDAY 26 Wea.

72°, 6 am Clear

89°. 12 M "

a slight shower this Eve.

74° + 6 PM

Ther. THURS. JUNE 27, 1895 Wea.

72° 6 am, Broken Clouds

80° 6 PM " "

Ther. FRIDAY 28 Wea.

65°, 6 am Overcast

83°, 12 M Clear

Ther. SATURDAY 29 Wea.

64° - 7 am Misty

84° - 12 M. Clear

ea.

Ther. SUN. JUNE 30, 1895 Wea.

70° - 6 am Clear

85°, 12 M. Indications of Rain

72° - 6 PM Raining

Vea.

Ther. MONDAY, JULY 1 Wea.

68° - 6 am Drizzly

Forenoon Rainy

73° 6 P.M. Rain over

Wea.

Ther. TUESDAY 2 Wea.

60° - 6 am Foggy

Ther. WED. JULY 3, 1895 Wea.

60° - 6 am - Heavy fog

Sun shone red in the Evening

Ther. THURSDAY 4 Wea.

56° - Heavy fog

Clear at Noon

Large Crowd at Parks

Ther. FRIDAY 5 Wea.

6 am Heavy fog

80°. 12 M

78° - 6 PM clear

Ther.	SAT. JULY 6, 1895	Wea.
68° – 7 am		Clear
82° – 6 PM		"

Ther.	SUNDAY 7	Wea.
74° – 7 am		Clear
3,30 PM Raining		
74° – 6,30 PM Rain cleared still Cloudy		

Ther.	MONDAY 8	Wea.
72° – 7 am.		Cloudy
83° – 12 M floating clouds		

Ther. TUES. JULY 9, 1895 Wea.

72°-6 am clear

74°-6 PM Cloudy

Ther. WEDNESDAY 10 Wea.

60°+6 am Cloudy

12 M Clear

Ther. THURSDAY 11 Wea.

62° 6 am cloudy

12 M Clear

Wea.

Ther. FRI. JULY 12, 1895 Wea.

56° - 6 am Clear

80° 6 PM "

Ned Page arrived from Maine

Levi absconded

Wea.

Ther. SATURDAY 13 Wea.

Clear

82° - 12 M "

84 - 6 PM "

Wea.

Ther. SUNDAY 14 Wea.

64° 6 am Clear

Ther. MON. JULY 15, 1895 Wea.

74° - 6 am clear

12 M. Heavy wind

with violent shower

70° - 7 pm clear

Ther. TUESDAY 16 Wea.

84° - 12 M clear

Ther. WEDNESDAY 17 Wea.

68° - 6 am clear

86° - 6 pm "

Wea.	Ther.	THURS. JULY 18, 1895	Wea.
	76° 7 am		clear
	12 M 86° +		"
	86° - 6 PM		"

Wea.	Ther.	FRIDAY 19	Wea.
	92° + 12 M		
	84° - 7 PM		clear

Wea.	Ther.	SATURDAY 20	Wea.
	72° + 6 am		clear
	91° 12 M Thunder in the East		
	84° + 6 PM		clear

Ther. SUN. JULY 21, 1895 Wea.

91° + 12 M Clear

Light Shower this
Evening

74° 6 PM Clear

Ther. MONDAY 22 Wea.

70° + 6 am Clear

80° + 6 PM Clear.

a gentle Shower this
afternoon

Ther. TUESDAY 23 Wea.

Morning rain in-
dicates

Rain in the Evening

70° + 6 PM Still Cloudy

Ther. WED. JULY 24, 1895 Wea.

68° + 6 am Cloudy

66° + 7 PM Rainy
Lunar moon

Houston Power House
& Waterworks burned

Ther. THURSDAY 25 Wea.

Ther. FRIDAY 26 Wea.

81° 2 PM Clear

80° - 6 PM "

Ther. SAT. JULY 27, 1895 Wea.

68° - 6 am Clear

77° - 12 m Forecast

80° - 6 PM Clear

McKelley binds this morning

Ther. SUNDAY 28 Wea.

64° - 6 am Clear

A shower last night

75° - 12 M Clear

Ther. MONDAY 29 Wea.

69° - 6 am, floating Clouds

Ther. TUES. JULY 30, 1895 Wea.

Ther. WEDNESDAY 31 Wea.

52°-6 am Clear

73°-2 PM "

Gather Peas

72°-6 PM. "

Ther. THURSDAY, AUG. 1 Wea.

62°-6 am Clear

74° 6 PM "

Ther. FRI. AUG. 2, 1895 Wea.

60° - 6 am Clear

76° - 7 pm "

Ther. SATURDAY 3 Wea.

63° - 6 am Clear

82° - 12 m "

Ther. SUNDAY 4 Wea.

68° 6 am Clear

84° - 1 PM "

Slight - shower, Evening

Ther. MON. AUG. 5, 1895 Wea.

64° - 6 am Fog.

Ther. TUESDAY 6 Wea.

72 - 6 am Broken Cloud

a slight shower in the forenoon a heavier one after Dinner at 5 PM clear 78°

Ther. WEDNESDAY 7 Wea.

72° - 7 am Clear

80° 6 PM "

Hutton at OBS Shop

Ther. THURS. AUG. 8, 1895 Wea.

62°-6 am Clear

Ther. FRIDAY 9 Wea.

66°-6 am Clear

90°-12 M "

84°-6 PM Floating Cloud

Ther. SATURDAY 10 Wea.

72° 6 am Clear

90°-1 PM "

88°-6 PM "

Ther. SUN. AUG. 11, 1895 Wea.

72 - 6 am. floating clouds

84° - 6¼ PM " "

Ther. MONDAY 12 Wea.

Slight shower last night

88° - 12 M floating clouds

Ther. TUESDAY 13 Wea.

86° - 12 M Clear

86° - 6 PM "

Pears left for Cin.

Making vinegar

Ther. WED. AUG. 14, 1895 Wea.

Pass to Oligomuk

6 PM 86° Fair

Ther. THURSDAY 15 Wea.

60° - 6 AM Clear

88° - 12 M "

86° - 6 PM, floating clouds

Ther. FRIDAY 16 Wea.

90° - 12 M, floating clouds

90 - 3 PM, " "

88 - 6 PM " "

Ther. SAT. AUG. 17, 1895 Wea.

78° - 7 am Thot. Clear

88 - 12 m " "

Shower this evening

Mr Bant (Rev) called

76° 6 PM Sun out

& shower passed

Ther. SUNDAY 18 Wea.

72° 7 am Clear

88° - 12 m "

85 - 7 PM "

Ther. MONDAY 19 Wea.

66° - 6 am Clear

76 - 7 PM, light cloud

Ther. TUES. AUG. 20, 1895 Wea.

62° - 6½ am, light - cloudy
66° - 12 M - Sprinkling
Slight Rain

64° - 6 PM cloudy

Ther. WEDNESDAY 21 Wea.

58° - 6 am heavy fog
72° - 12 M clear

Ther. THURSDAY 22 Wea.

56° - 6 am, heavy fog
82° - 12 M clear
82° - 6 PM "
Made cider

Ther. FRI. AUG. 23, 1895 Wea.

Ther. SATURDAY 24 Wea.

86°-12 M Clear

76°-6 PM Cloudy
with a slight sprinkle
of Rain

Ther. SUNDAY 25 Wea.

68°-7½ Heavy fog

80°-12 M Clear

80°-6 PM "

Ther. MON. AUG. 26, 1895 Wea.

64° - 6 am, light fog

86° - 12 m clear

Heavy shower this evening

72° - 7½ P M cloudy

Ther. TUESDAY 27 Wea.

Heavy shower at 6 am

70° - 7½ am cloudy

82 - 6½ PM clear

Ther. WEDNESDAY 28 Wea.

86° - 11½ AM Clear

90° - 12½ PM "

#

84° - 7 PM Clea

Making Wine

Wea. Ther. THURS. AUG. 29, 1895 Wea.

76°–7 a.m. Clear

88°–12 M. floating Clouds

78–6 P.M. a brief gutter washed

Wea. Ther. FRIDAY 30 Wea.

74°–6 a.m. floating Clouds

Rev Mr Barrett & family visiting us

Light Shower in the Evening

Wea. Ther. SATURDAY 31 Wea.

Sowed Turnips, former sowing not coming up

84°–12 M. floating Clouds

82°–6 P.M. Clear

Ther. SUN. SEPT. 1, 1895 Wea.

64°-6 am. floating clouds

66°-6½ PM " "

Ther. MONDAY 2 Wea.

52°-6 am heavy fog

74°-12 M clear

Sound Jump

74°-6 PM "

Making cider

Ther. TUESDAY 3 Wea.

60°-6 am clear

80°, 6 PM "

Making cider

Wea. Ther. WED. SEPT. 4, 1895 Wea.

70°-6 am Clear

84°-12 M. floating Clouds

Making Rme on

78°-6 1/4, floating Clouds

Wea. Ther. THURSDAY 5 Wea.

Heavy Shower last night

76°-6 1/2 Cloudy

Wea. Ther. FRIDAY 6 Wea.

70°-6 am Overcast

80° 6 PM Clear

Ther.	SAT. SEPT. 7, 1895	Wea.
68° – 6½		Fog
78° – 12 M		Cloudy
~~Thunder with~~		Slight
~~Sprinkle of rain~~		
~~76° – 6½ PM~~		Cloudy

Ther.	SUNDAY 8	Wea.
71° – 8 am		Clear
83° – 12 M		"
80° – 6½ PM		"

Ther.	MONDAY 9	Wea.
68° – 6 am		Clear
88 – 12 M		floating Cloud
Thunder + sprinkle of		
of rain		
76° – 6½ PM		Cloudy

Wea.	Ther.	TUES. SEPT. 10, 1895	Wea.
	68° 6 am		floating clouds
	86 – 12 m	"	"

Wea.	Ther.	WEDNESDAY 11	Wea.
	67° – 6 am		Fog

Wea.	Ther.	THURSDAY 12	Wea.
	66 – 6 am		Clear
	90° – 12 m		"
	84° – 6 pm		"

Ther. FRI. SEPT. 13, 1895 Wea.

Shower in the Night.

68° – 6½ am Overcast.

74° 6 PM Clear

Ther. SATURDAY 14 Wea.

58° – 6 am Clear

72° 12 M floating Clouds

68° – 5¾ PM " "

Ther. SUNDAY 15 Wea.

54° – 6½ am Clear

76° – 5½ PM "

Ther. MON. SEPT. 16, 1895 Wea.

1.0 PM 76° cloudy

6 PM 74° overcast

Ther. TUESDAY 17 Wea.

70-7 AM overcast

80-12½ PM floating clouds

78-6 PM clear

Ther. WEDNESDAY 18 Wea.

Look to. Wine (First)
probably clear

74°-6½ AM clear

87°-6 PM "

78.-11 PM bright stars

Ther. THURS. SEPT. 19, 1895 Wea.

Clear

86°-6 PM "

Ther. FRIDAY 20 Wea.

90°-11½ AM Clear

Ther. SATURDAY 21 Wea.

70°-7 AM Clear

90°-12 M "

87°-5½ PM "

Making Crout

Wea. Ther. SUN. SEPT. 22, 1895 Wea.

At Stowe

90° - 3½ PM Clear

84° - 6½ " "

Wea. Ther. MONDAY 23 Wea.

66° - 6 AM Clear

86° - 1 PM "

76° - 6 PM floating clouds

Wea. Ther. TUESDAY 24 Wea.

56° - 6 AM Clear

76 - 1 PM floating clouds

Ther. WED. SEPT. 25, 1895 Wea.

62° 6 am Overcast

86° - 12 M Clear

80° - 6 PM partially overcast

making cider

Ther. THURSDAY 26 Wea.

76° - 6 am, floating clouds

78° - 6 PM cloudy

a heavy shower this

afternoon

Ther. FRIDAY 27 Wea.

57° - 6 am, floating clouds

68° - 12 M. clear

66° - 6 PM "

Close wine 2d making

Wea. | Ther. | SAT. SEPT. 28, 1895 | Wea.

46°-6 am Clear

60°-7½ PM "

Wea. | Ther. | SUNDAY 29 | Wea.

56°-6 AM Cloudy

Cold day

Wea. | Ther. | MONDAY 30 | Wea.

Frost last night, ice out in the flat woods
a clear day

56°-5 PM Clear

Ther. TUES. OCT. 1, 1895 Wea.

32°-6 am Fog

58-2 PM Clear

50°-6½ P.M. "

Ther. WEDNESDAY 2 Wea.

32°-6 am Overcast

62°-12 M Clear

56°-6½ PM Overcast

Ther. THURSDAY 3 Wea.

34°-6 am Fog

ea. Ther. FRI. OCT. 4, 1895 Wea.

Indian Summer day

ear Gathered Beauties

Wea. Ther. SATURDAY 5 Wea.

54°-6½ am floating Clouds

70°-12 M floating clouds

Wea. Ther. SUNDAY 6 Wea.

44°-7 am Clear

~~John Muir called~~

56°-6 PM Clear

Ther. MON. OCT. 7, 1895 Wea.

64 - 7 am Cloudy

72 - 12 M Cloudy

Mins N.W.

70° - 5½ PM Clear

Clouds North

Slight rain at 9 PM

Ther. TUESDAY 8 Wea.

42° - 6 am Clear

55° - 12 M

50° - 5½ PM Cloudy

Ther. WEDNESDAY 9 Wea.

42° - 6 am Cloudy

48° - 12 M Clear

48° - 6 PM "

ea.

Ther. THURS. OCT. 10, 1895 Wea.

28° - 5½ Fog

60° - 1 PM Clear

58° - 6 PM "

Wea.

Ther. FRIDAY 11 Wea.

68° 6 PM Cloudy

Rain in the night-

Wea.

Ther. SATURDAY 12 Wea.

50 - 6¾ N Wind Cloudy

56° - 12 M floating Clouds

54° - 5½ Clear

Mrs Martin came

Ther. SUN. OCT. 13, 1895 Wea.

34 - 6 am Clear

John Means called

56° - 6 PM Clear

Ther. MONDAY 14 Wea.

36° - 6 am Clear

62° - 1 PM "

Ther. TUESDAY 15 Wea.

43° - 6½ am Fog

62° - 1½ PM Clear

60° - 5½ PM "

Mrs Martin left this

morning

Wea.	Ther.	WED. OCT. 16, 1895	Wea.
	Crowd in town to the Barbecue		
	66° – 12 M		Clear

Wea.	Ther.	THURSDAY 17	Wea.
	48° – 8 3/4 AM		Clear
	40 Bush Coal at 5 3/4 cts		Hymen 1.90
	56° – 12 M		Clear
	52° – 6 PM		"

Wea.	Ther.	FRIDAY 18	Wea.
	32° – 6 AM		Clear
	62° – 12 M		"
	Letter from W. F.		
	66° – 5 1/2		"

Ther.	SAT. OCT. 19, 1895	Wea.
54° - 7 am		Clear
64 - 12 m		"
54 - 3¾ PM		"

Ther.	SUNDAY 20	Wea.
32° - 6½ am		Clear
48° - 12½ Pm		"

Ther.	MONDAY 21	Wea.
34° - 6 am		Clear
53° - 12 m		"

Wea.	Ther.	TUES. OCT. 22, 1895	Wea.
	34°-6 am		Clear
	65°-6 pm		Cloudy

Wea.	Ther.	WEDNESDAY 23	Wea.
	26°-6 am		Clear
	54°-12 m		"
	52°-6 pm		Cloudy

Wea.	Ther	THURSDAY 24	Wea.
	46°-6 am		Clouds
	56°-5½ pm		Overcast

Ther. FRI. OCT. 25, 1895 Wea.

36°-6 am Clear

Dry-Dry-Dry-

Ther. SATURDAY 26 Wea.

36°-6 am Clear

66°-12 M "

58°-6 PM "

River very low can ford at many places

Ther. SUNDAY 27 Wea.

42°-6½ am Clear

62°-2½ PM Raining

60°-6 PM

Rain now-No good

Ther.	MON. OCT. 28, 1895	Wea.
39°-8 3/4		Clear
48°-5 PM		"

Ther.	TUESDAY 29	Wea.
22°-6 am		Clear
44-5 PM		"

Trains with produce fording the Ohio at Louisville - Lowest Water known

Ther.	WEDNESDAY 30	Wea.
20°-6 am		Clear
44°6 PM		"

Ther. THURS. OCT. 31, 1895 Wea.

40° - 6½ am Raining

42° - 12 M Raining

42 - 6 P M "

Slight Earthquake Shocks at 6 am.

Ther. FRIDAY, NOV. 1 Wea.

42° - 6 am Cloudy

41 - 6 PM floating clouds

Ther. SATURDAY 2 Wea.

28 - 6 am Clear

46 - 12 M "

46 - 5 PM "

ea. Ther. SUN. NOV. 3, 1895 Wea.

29°-6 AM Fog

52°-5½ PM clear

A pleasant day

ea. Ther. MONDAY 4 Wea.

32-6 AM Fog

58-5 PM clear

Pleasant day

Wea. Ther. TUESDAY 5 Wea.

Ther. WED. NOV. 6, 1895 Wea.

39° 6 am Floating Clouds

68°-12 M " "

62° 6 PM Cloudy

Ther. THURSDAY 7 Wea.

46°-6 am Clear

72°-1 PM "

Set Potatoes Onions

68°-5 PM Clear

A fine day

Ther. FRIDAY 8 Wea.

~~46°-6 am Clear~~

~~76°-3 PM "~~

~~70°-6½ PM Cloudy~~

74°-2 PM Cloudy

Ther. SAT. NOV. 9, 1895 Wea.

68°-6 am cloudy but
no rain yet

Gentle rain this Evening
continuing into Night

Ther. SUNDAY 10 Wea.

38°8 am Cloudy but
Rain soon

39°-12 M still cloudy

36°-5½ PM " "

Ther. MONDAY 11 Wea.

32°-6 am overcast

38°-12 M "

36°-5½ PM Cloudy

Looks like snow

Ther. TUES. NOV. 12, 1895 Wea.

33° 6 am Clear

39° - 5 1/2 P M "

Ther. WEDNESDAY 13 Wea.

26° - 6 am, Fog

48° - 1 P M Clear

48°, 5 1/2 P M Overcast

Ther. THURSDAY 14 Wea.

32° - 6 am Clear

60 - 12 M "

58 - 5 P.M. Sprinkling

Ther.	FRI. NOV. 15, 1895	Wea.
51°-6 am		cloudy
48°-6 PM		Clear

Ther.	SATURDAY 16	Wea.
30°-6 am		Clear
52°-12 M		"
52°-6 PM		

Ther.	SUNDAY 17	Wea.
36-6 am		Clear
52°-12 M		"
42°-6½ PM		"

Ther. MON. NOV. 18, 1895 Wea.

36°- 6 am Clear

54°- 6 PM "

Ther. TUESDAY 19 Wea.

36°- 6 am Clear

50°- 5 1/2 Drizzly

Ther. WEDNESDAY 20 Wea.

34°- 6 am Cloudy

34°- 12 M "

30°- 6 PM "

Ther. THURS. NOV. 21, 1895 Wea.

26°-6 am Cloudy

Slight snow in the night

34°-12 m Light Clouds

33°-5½ PM " "

Ther. FRIDAY 22 Wea.

27°-6 am Clear

60°-1 PM Sprinkling

58°-5½ " floating Clouds

Ther. SATURDAY 23 Wea.

Damp. Cloudy

56°-12 m " Cloudy

54°-5½ PM "

Raining

Ther.	SUN. NOV. 24, 1895	Wea.
Gentle rain all Night		
44° - 6 am		Raining
42° - 1 PM		"
40° - 6 PM		Drizzling

Ther.	MONDAY 25	Wea.
42° - 6 am		Cloudy
66° - 12 m		floating Clouds

Ther.	TUESDAY 26	Wea
49° - 6 am.		Cloudy
Strong wind		West'ly
44 - 12 m		"
34° 6 PM		"

Ther. WED. NOV. 27, 1895 Wea.

26°-6 am Clear

34°-6 PM "

Ther. THURSDAY 28 Wea.

22°-6 am Clear

41°-12 M "

40-6 PM "

Papers report much damage from gale Monday Night. Unprecedented for severity & wide range

Ther. FRIDAY 29 Wea.

21°-6 am Clear

52°-12 M floating Clouds

42°-7 PM Sprinkling

Ther. SAT. NOV. 30, 1895 Wea.

40° - 6 am Drizzly
62 m Cloudy
40 - 6 PM Cloudy

Ther. SUNDAY, DEC. 1 Wea.

28° - 6 am Clear

50° - 12 m floating Cloud

48° - 6½ PM Raining

Ther. MONDAY 2 Wea.

48° - 6 am - N Wind - Cloudy
Rain in the night

38° - 12 M, Wind N.W Cloud
Meat in Pickle

33° - 5 PM Wind NW,
Cloudy

Ther.	TUES. DEC. 3, 1895	Wea.
22°-6 am		Clear
a film of snow		
22°-7 PM		clear

Ther.	WEDNESDAY 4	Wea.
20°-6 am		overcast
28°-12 M		"
28°-10 M		clear
Mr F. arrived		

Ther.	THURSDAY 5	Wea.
22°-6 am		light snow
23°-12 M		spitting snow
20°-5½ PM		overcast

Ther.	FRI. DEC. 6, 1895	Wea.
6 am 13° +		Clear
30° - 5 3/4 PM		"

Ther.	SATURDAY 7	Wea.
37° - 6 am		Clear
48° - 5 3/4 PM		Overcast

Ther.	SUNDAY 8	Wea.
40° - 6 am		Overcast
7 "		fine Rain

Ther. MON. DEC. 9, 1895 Wea.

33°-6 am Overcast

33°-12 M "

32° 5½ PM "

30 6 3 | 1 6 3

Ther. TUESDAY 10 Wea.

29-5 am Overcast

28°-6 PM Sun out in the Evening

Ther. WEDNESDAY 11 Wea.

26-6 am Overcast

38°-12 M Clear

40°-6 PM "

Ther. THURS. DEC. 12, 1895 Wea.

30°-5½ am Overcast

28°-6 PM "

Ther. FRIDAY 13 Wea.

24°-6 am Overcast

28°-12 M "

27°-5½ "

Ther. SATURDAY 14 Wea.

20°-6 am Clear

32-7 PM "

Ther.	SUN. DEC. 15, 1895	Wea.
26° - 6 am		Overcast
42° - 12 m		Clear
44 - 5½		Overcast

Ther.	MONDAY 16	Wea.
28° - 6 am		Clear
42° - 12 m		"
42° - 6 PM		"

Ther.	TUESDAY 17	Wea.
34° - 6 am		Overcast
56° - 12 m		Clear
49° - 6 PM		Overcast

Ther. WED. DEC. 18, 1895 Wea.

40° - 6 am Overcast

60° 12 M floating Clouds

48° - 6½ PM Overcast

Ther. THURSDAY 19 Wea.

40° - 6 am Clear

64° - 12 M "

60° - 7 PM "

Ther. FRIDAY 20 Wea.

60° - 6 am Cloudy

64° 12 M "

8 PM Rain

Ther. SAT. DEC. 21, 1895 Wea.

48°-6 am Rainy Night

46°-12 M Rain over but
still Cloudy, N. wind

40°-6 PM Clear

Ther. SUNDAY 22 Wea.

30°-6 AM Clear

52°-6 PM Overcast

Brainard Bayliss
called this Evening
also D.K. Nees & Dr Young

Ther. MONDAY 23 Wea.

52°-5½ AM Overcast

62°-12 M "

58°-6 PM

Ther. TUES. DEC. 24, 1895 Wea.

52°-6 am Overcast

68°-12 m " "

61°-6 pm Cloudy

Ther. WEDNESDAY 25 Wea.

56°-5½ am Overcast

Thermometer from J. Meaw

68°-12 m floating Clouds

58° 6 pm Overcast

Hyg. 80

Ther. THURSDAY 26 Wea.

52°-5½ (H. 80) Overcast

48°-12 m Raining

Spitting snow, Evening

Ther. FRI. DEC. 27, 1895 Wea.

27°-5½ Clear

50 Hyg. Normal

35°-6 PM (Hyg. 70) Moist Clear

Ther. SATURDAY 28 Wea.

29°-5½ am clear

34°-12 M (Moist) Cloudy

34°-5½ PM " Clear

Ther. SUNDAY 29 Wea.

26°-5½ am Clear

46°-12 M "

42-6 PM "

Ther. MON. DEC. 30, 1895 Wea.

34° 6 am Cloudy
8 am Raining

41° - 12 M Sun out

34° - 6 PM Raining
Strong Northerly Wind
with Sprinkling Snow

Ther. TUESDAY 31 Wea.

23° - 5½ am Clear

36° - 12 M "

35° - 5½ PM Overcast

Jan 1 1896

25° - 5½ PM Clear

33° - 12 M "

33° - 5½ PM "

Jan 2
32° - 5½ am Clear
44° - 12 M "
48 - 6 PM Overcast
Jan 3
35° - 5½ am "

Norton Iron Wks Bond
No. 79 - 1st Nat. Bank
Ashland, Date of Pay
of Int. 6 p.c. March
and Sept.

March		D
19	Hammer on Mound	$ 1,00
22	Kaufman Fence	1,00
23	" & Boy "	2½
25	" "	1,50

Subscribe for Republican for R H Evans
Central City

H. H. Tapes slate &c,		$ 36,10
M J " " "		23,00
		59.10

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CASH ACCOUNT. JANUARY.

Date.		Received.		Paid.	
1	Cash on Hand	2	30		
3	Meat				55
"	Box P.O.				50
4	Refund P.O.		25		
4	Yarn				50
5	Bond Int	15	00		
7	Hecht's Bill			5	35
7	Robbins & Cash				60
7	Smanch for A			17	59
7	" Rly			10	25
8	Coal for A			12	00
8	Vaysen			36	00
8	Drugs				10
9	Kule Bill			7	00
"	Hare			1	70
"	Stamps				15
"	Hett's Bill A			26	27
"	Fish &c				45
"	Cigars &c				30
"	Tobacco &c				15
10	Molasses &c				85
10	Drugs.				16
10	Lumber				25
13	P. Church			5	00
14	Frans cust			3	05
	Cigars & Meat				15
				128	22

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
17	Hell- on Act		5 00
	Boiler Repr.		1 25
	Meat- & Cigars		50
18	Drugs		10
19	Meat- &c		35
21	Meat &c		30
22	Lumber		50
23	Drugs		2 75
24	Sundries		42
25	Honey		1 00
	Stamps &c		45
	Bulk Oil		5 40
	Lumber		70
29	Shoemaker		50
	Lumber		15
	Cars		

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
1	Butter		25
1	Emp. Lc		35
5	Meat		60
"	Candy Lc		15
"	Greens		95
6	Lard		3 28
"			
11	Drugs 137/100 ½		2 75
	Flour (Hilt)		1 00
	Meat Lc		45
15	Meat Lc		40
"	Slaw		1 00
"	Pork		2 00
18	Meat		40
18	Drugs		30
19	Hilt		7 45
"	Cyn		05
"	Foldu		3 00
20	Honey		1 00
"	Lob. dk		30
21	Hominy dc		75
23	Sea		70
25	Meat Lc		45
26	Oil		1 25
"	Rice		17

Y.

Paid.	
	25
	30
	60
	10
	9
3	28
2	75
1	0
	45
	40
1	0
9	0
	1
	30
7	4
	0
3	0
1	0
	30
	7
	7 0
	45
1	25
	17

CASH ACCOUNT. FEBRUARY.

Date.		Received.		Paid.	

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
4	Meat		4 00
6	Meat		45
"	Paper		05
"	Ticket		35
7	Meat		40
8	Meat &c		20
8	Kaughman (Fees)		1 50
11	Garden Seeds		80
"	Thimble		05
11	Int B. Acc.	12 00	
11	Assmt & Int		5 40
	Brooms		20
	Table Cover		72
13	Kaughman		1 00
	Johns		10
14	Tamm		1 00
"	Seeds		40
	Meat		50
15	McClary		2 55
	Paper		05
"			
18.	Coal		2 00
21	Meat		35
	Job		13
	Job & Blacking		35
	Brooms		15
22	Int on N. T. Bru	15 00	~~[illegible]~~
23	Kaughman (Fees)		3 50
25	Kaughman "		1 00
28	Lumber		4 55
	Seeds - Salmon		25
"			
"	Meat		45

CASH ACCOUNT. MARCH.

d.	Date.		Received.	Paid.
40	28	Pauls Vest		5 00
45		Rent		1 10
05	28	Stamps		1 50
35	29	"		2 00
40		Hunting Mass		1 50
20	30	Peppermint		25
50				
80				
05				
40				
20				
72				
00				
10				
00				
40				
50				
55				
15				
00				
35				
13				
35				
15				
00				
50				
00				
55				
25				
45				

CASH ACCOUNT. APRIL.

Date.		Received.		Paid.	
1	of H	5	00		
	Mackrel				30
	P.O. Box				25
2	Meat & Cigar				40
8	Meat				50
"	Powers Hardwy			3	00
9	John Powers				50
11	Meat				75
"	Cigar				05
11	Build. Ass.			5	40
11	Appleton				25
13	Meat				40
"	Glue & C				25
14	Lime				80
	Seeds				05
15	Bacon				40
17	Cash of Miller	10	00		
"	Cocoa				25
"	Plowing (Powers)			3	50
18	Stamps in full			3	57
22	Pot & Onions			1	40
	Brush & Cigar				25
	Barber				25
	Seeds & Cigar				25
	Meat				85
24	Beans				20
25	Old Lumber			1	00
27	Cash of H	10	00		
"	Meat				40

CASH ACCOUNT. APRIL.

d.	Date.		Received.		Paid.	
30						
25						
40						
50						
00						
50						
75						
05						
40						
25						
40						
25						
80						
05						
40						
25						
50						
50						
40						
25						
25						
25						
85						
20						
50						
40						

CASH ACCOUNT. MAY.

Date.		Received.	Paid.
2	Potatoes Onions		20
	10 Gallons oil @ 18		1 80
	1/2 " " 10		05
5	Lucas & Rocker		10
8	Meat & Cigars		35
9	Mag. Reb.		50
	Safolis		05
14	Hist of Buds		1 00
14	Build ass		5 40
18	J. Miller	10 00	
	Meat &c		75
20	Meat &c		45
	Heldt on C/C		5 00
18	H. H Conklin		
	4 qts Corn		50
21	Stamps		50
22	Dr Gorry		1 80
	Coffee		50
25	Beans &c		15
27	Lomanck		5 00
1/4	Meat &c		50
29	Meat &c		50

CASH ACCOUNT. MAY.

Date.		Received.		Paid.	

id.
20
80
05
10
35
50
05
60
40
75
45
00
50
50
80
50
15
00
50
50

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
3	Plowshare Pot.		75
5	Meat		35
5	4 papers Coffee		90
8	Meat		45
10	"		20
13	Stamps		2 50
13	Hauling Hay		75
17	Phosphate		50
"	Build. Ass.		5 40
18	Lundas		65
	Meat & c		64
21	Meat		30
	Turpentine & c		20
22	Bitters		85
	Lin & C. Tartar		30
24	Abstract Co	2 00	
24	Sugar & Meat		1.65
28	Coffee		1.00
"	Lumber		50
			18 87

CASH ACCOUNT. JUNE.

d.	Date.		Received.		Paid.	
75						
35						
90						
45						
20						
50						
75						
50						
40						
65						
64						
30						
20						
85						
30						
65						
00						
50						
87						

CASH ACCOUNT. JULY.

Date.		Received.		Paid.	
1	Smauck			17	10
"	Bass.			50	10
"	A C & O Co	167	73		
"	Heldt			5	20
"	Kate Kelly			10	00
"	Jones (Jowly)			57	10
	Phosphate				50
4				1	80
5	Heldt - meat				35
6	Meat				20
	Pins & Bananas				25
8	Soda, Tartar				30
9	Whisky				85
11	Sugar &c			2	10
11	Bismuth				25
11	Slippers			1	00
11	Lard &c				95
	Coal			2	00
13	Meat &c				77
"	Shoe Shine				15
15	Build. Ass			5	00
	Sick Man				25
17	Bal. Church			3	00
17	Sugar,				25
	Big Poison				10
18	Meat				15
	Ginger &c				45
24	Stamm			12	00
"	H	10	00		

CASH ACCOUNT. JULY.

d.	Date.		Received.		Paid.	
10	26	Miller	10	00		
10	"	Meat				15
		Seeds				15
20	27	Sewing Circle			3	50
00		Sugar			2	00
10		Screws				35
50		Stamps			2	10
30		#				50
35	Aug 5	~~5 Pikes~~				~~20~~
20	8	~~Labor~~				10
25						
30						
85						
10						
25						
00						
95						
00						
77						
65						
00						
25						
00						
25						
10						
15						
45						
00						

CASH ACCOUNT. AUGUST.

Date.		Received.		Paid.	
5	Job.				10
	Milk				25
6	Meat				20
"	Sug. & Cof.			2	90
7	Tobac				25
8	Nurse to Nov	14	00	2	00
8	Soap				50
8	Oil			1	40
10	Meat				20
11	Tomatoes		60		
12	Cash - Millie	10	00	15	00
12	Build. Ass.			5	00
	Plums				25
14	Apples Shells				20
16	Meat				10
18	Lumber			4	55
20	Meat				20
23	Job				16
26	3 Juge				50

CASH ACCOUNT. AUGUST.

Date.		Received.		Paid.	

id.
10
25
20
90
25
00
50
40
20
00
70
25
20
10
55
20
16
50

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.
2	Trump Dem		15
3	Meat		15
3	Jugs		32
	Stamm Money		65
10	B. & L. Dr	13 00	
"	Hutton,		4 00
"	Supplies		1 85
"	Acids		13 35
"	Job		05
"	Build & Bd		5 00
"	Meat		15
13	"		10
16	Gin		60
"	Hardware		1 60
"	Meal & Lard		1 25
"	N. I. M. Bond	15 00	
	Dentist		50
17	Detroit Bill		1 95
	Meat		20
	Garden	40	
	Job.		10
	Kegs		50
19	Stamm Apples	80	
	1/4 Day		1 25
20	Key		50
	Tape		05
21	Sugar		2 00
	H S		25
22	Church		20

CASH ACCOUNT. SEPTEMBER.

d.	Date.		Received.	Paid.
15	23	Jane, Salt &c		54
15	24	Meat		15
32	"	Fossel		10
65	"	Sugar		25
	"	Gin		60
00	26	Acids for Cider		1 00
85	"	Bread		05
35	28	Meat		20
05		Cigar		05
00	30	Potatoes		25
15				
10				
60				
60				
25				
50				
95				
20				
10				
50				
[illegible]				
25				
50				
05				
50				
25				
20				

CASH ACCOUNT. OCTOBER.

Date.		Received.		Paid.	
4	Rec of Ab-.				
	Straat Co	2	50		
	Plaster				05
5	P.O. Box				25
6	Church				10
	Job.				50
7	Meat				20
9	On a C I Note	100	25		
	Taxes			84	40
	Band				85
10	Potatoes				40
	Sugar				50
	Lard			1	00
11	Meat				30
	Cupple				10
					10
	Coffee			1	00
	Brooms				95
	Beef				25
	Plaster				10
	Job				10
15	Oil			1	40
16	Meat				40
17	Dump tone				20
18	Spices				20
19	Gin				60
	Cigar				05
				94	00

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
21	Spoons & Bread		94.50
	Cigars		15
	Meat		10
	Sugar. H.		05
			2 00
26	Meat		20
	Matches		20
28	Sugar		25
29	Salt		10
"	Medicine		35
"	Brooms		10
	Cow	22 50	
30	Mary		1 00
	Bob M		95
	Coffee		1 00
	Lard		75
	Feed Bill 7.55		8 55
30	Meat — 1.2 —		50
	Bread		05
	Medicine		55
Nov 2	Meat		20
	Rasp. Cigar		10
4	B. Ass		5 00
4	John. Apples		1 75
	Soap		50
5	Meat		20
6	Stammer Season		1 00
8	Meat		25
9	Butter		25
11	Lime		60
	Soda & Coffee		45
			10.20

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
11	Sausages		20
	Sausage		25
12	Fish		40
	Corks		05
	Bowls		35
14	Meat &c		20
17	Cocoa		25
"	Cigar		05
	Meal		1 00
"	Limes		10
18	H	5 00	5 00
	Building Soc	50 00	
	Int-		60
23	Heldt		4 15
"	Hyman		5 00
	Cigar		15
25	Meat		20
	Blacking &c		45
26	Coffee		60
	Shoes & Ankletts		3 75
27	Pie Meat & Cigar		25
28	Cam for Law		25
29	Potatoes		3 50
"	Mending Shoes		75
"	Turkey		80
30	Butter		75
	Bananas		10
			27 60
			10 20
			37 80

CASH ACCOUNT. NOVEMBER.

Date.		Received.		Paid.	

20
25
40
05
35
20
25
15
00
10
00

60
15
00
15
20
45
60
75
25
25
50
75
80
75
10
60
20
80

CASH ACCOUNT. DECEMBER 7, 64

Date.		Received.	Paid.	
		do		
3	Meat 7½		2 30	
	Soup Bone		0 20	
	Fish Hub.		2 00	1
	Soda		30	
	Oilcloth		1 00	1
4	Medicine		50	1
4	Fricoy		40	
5	"		1 10	
"	Sugar		2 00	
	Batting &c		48	2
6	Meat		35	
	Crackers		25	2
	Cranberr		30	
	Paper		05	
	Oil		1 40	
7	Molasses		30	
	Cigar		05	
Butter & Lard			85	
	Papers		06	
9	Coffee		90	
	Cigar		05	
	Tobacco		10	
10	Onions		45	2
	Candy &c		15	2
11	Meat		50	
	Hooks		05	2
12	Oysters	20 00		
	Bikes		5 4	3

CASH ACCOUNT. DECEMBER.

	Date.		Received.	Paid.
	12	Beans & Pot		55
30		Sugarine		05
20		Rate		10 00
00	13	Flour		4 40
50		Butter		75
00	17	Meat & Lob		35
50	18	Parsnips		35
40		Bread &c		15
10		Arrears to	14/95	
00		to Jan 23/96		2 00
48	21	Pork		45
35		Cash a c & d	92 34	
25	23	Meat M		2 50
30		Pepper		20 00
05		Sake		4 25
40		Rendering		1 00
30		Shoes 3		3 75
05		Candy 27		10
85		Glass 3		75
06		Bread		05
90		H. for Christmas		5 00
05		Glass		75
10		Mary		~~5 00~~
45	24	B. Church		3 00
15	27	Meat		40
50		Sugarine		05
05	28	Tea & Mol.		1 30
		Glasses		25
4	30	Hyman		10 00

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.		D
DEC						
JAN 30	Hyman			10	00	
	Meat				50	
FEB.	Chapter			4	00	1
Jan	Papers &c				10	
MAR	Dunni &c			1	00	1
						1
APR.						1
MAY						
JUN.						2
JUL.						2
AUG.						2
SEP.						
OCT.						
NOV.						
DEC.						

BILLS PAYABLE. ~~JANUARY~~ March

Date.	NAME.	Dolls.	Cts.
	Garden & Lot Acct		
8	Jimmy Tire P°	1	00
	Tomatoes in Box		
11	Seeds		80
	Beans		10
13	Tires Jimmy P°	1	00
14	Stamm " P°	1	00
11	Tires 1/2 Jimmy	0	50
	Cabbage Seed		15
	Blue Grass		25
25	Stamm 1.5	1	00
25	Kaufman P°	1	00
26	Stamm in Garden	1	00
27	" " "	1	00
28	" 1/2		50
28	Seeds 1/2		10
29	Stamm " 1/2		50
"	Hauling Manure	1	00
	April		
5	Stamm 1.	1	00
6	" 1	1	00
	Potatoes 1 Bu	1	20
6	Stamm 1/2		50
	6 Loads Manure	1	80
	Hauling Sow	3	00
9	Wt Bird Pharmer		50
11	Peas		15
14	Gumbo		05
	Lime		80
	(Lime for Fence)	21	00

RECEIVABLE.

BILLS PAYABLE. FEBRUARY.

Date.	NAME.	Dolls.	Cts.
1	Lot & Garden		
14	Bill over	21	00
17	Plowing Garden	23	50
18	News to June 27/55	2	00
18	Stamps 1/2 D		50
"	Pot. of Mc Cleary	1	10
22	Onions		30
	~~Meat~~		~~35~~
24	Seeds		20
	Manure & Guano	1	80
	Beans		20
May 2	Pot. Onions		20
6	Celery	0	15
16	Paris Green 1 lb		40
28	Stamps &c		50
	RECEIVABLE.		
25	Beans &c		15
	Lower Peppers		
27	3rd planting Gumbo		
28	Replanted Cauliflower		
June			
1	Last planting corn		
3	Ploughing Pot.		75
	Planted Corn & Okra		
8	~~Meat~~		~~35~~
13	Stamps Mowing	2	50
"	Hauling Hay		75

BILLS PAYABLE. MARCH.

Date.	NAME.	Dolls.	Cts.

Cts.

00
50
00
50
10
30
~~35~~
20
80
20
20
05
40
58
15
15
75
~~35~~
50
75

RECEIVABLE.

BILLS PAYABLE. APRIL

Date.	NAME.	Dolls.	Cts.
July	Kauffman	Dr	
13	Pik Brand		08
20	Tomatoes		15
	Coal of Hysman		
Oct 17	- 40 Buck 5 3/4	2	30
Nov 2	- 40 " 5 3/4	2	30
5	40 " 5 3/4	2	30
15	37 + 48 5 3/4	4.	88 3/4
18	40 5 3/4	2	30

RECEIVABLE.

BILLS PAYABLE. MAY.

Date.	NAME.	Dolls.	Cts.
	Bottom	Dr	
20	Tomatoes		15
	Potatoes	1	60
	Beans Steam		30
	Tomatoes		20
May 7	Tomatoes		30
9			30
8	" Fields		50
11	Tom		60
13	Hilt 1/4 Ton	1	00
13	Steam Tom, & Bag	1	10
15	" Tom		48
15	Hilt Tom		50
16	Steam Tom		25
16	" 1/48		25
	38		
19	" 47		19
20	85		15
19	Hilt Tom 5 3/4		25
	42 5		
20	" " 42 1/2		25
	21 1/4		
	5 48 3/4		

RECEIVABLE.

BILLS PAYABLE. ~~JUNE~~ July

Date.	NAME.	Dolls.	Cts.
	Hildt —	25	
17	2 3/4 B Beans		82½
23	2 Bush Potatoes	1	60
Aug 16	Hilton ½ B Oat		25

RECEIVABLE.

Cts.
82½
60
25

BILLS PAYABLE. JULY.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. AUGUST.

Date.	NAME.	Dolls.	Cts.
July	Stamm	Cr	
	Tomato		15
	Beans		34
	Tomatoes		20
Aug 7	"		50
9	"		30
13	Tom & Beans	1	10
15	Tom		45
16	"		50
19	"		19
20	"		15
21	"		15
24	"		15
29	"		10

RECEIVABLE.

BILLS PAYABLE. SEPTEMBER.

Cts.	Date.	Name.	Dolls.	Cts.
				Dr
	July	Heldt		
15	17	2 3/4 B. Beans 30		82½
34	23	2 B. Potatoes 80	1	60
20	Aug 8	Tomatoes		50
50	11	"		60
30	13	" 1/4 B	1	10
10	15	"		50
48			5	52½
50				25
19			6	77
15	19	Tom		25
15	20	"		25
15		"		25
10				

RECEIVABLE.

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls.	Cts.
	Hallow		
	Corn 2 Dz		

RECEIVABLE.

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.
	Slaven		
	corn 2 1/2 Doz		

RECEIVABLE.

BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dolls.	Cts.
	Pr Stockings		
	Package Envelopes		

RECEIVABLE.

MEMORANDA.

Date.		Dolls.	Cts.
Jan 5	H. F. Hin Bank	340	00
	S Mark Bk	10.	25
	" " P	17	34
		27.	59
1895 Feb 1			
	H. F. H of Bank	60	00
	Int on N. J. Bond due Mar & Aug 1st	15	00

MEMORANDA.

Date.		Dolls.	Cts.
	Turko Russian Folding Bath Cabinet Mayer Sons & Co No 128 & 132 White St N.Y. Send for Description Circular		
	H. H. Conklin	Money	
	J. V. Campbell Con Camp 13		
	Experimental Electricity - 175 Pages Edward Trevert. Youths Companion Book & Postage 90 cts		

ADDRESSES.

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ADDRESSES.

NAME. R. A. Richeson
STREET, No.
CITY. Maysville Ky

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Turnip Beets 1895
No 1 - Blood - Home

No 2 Early Blood
No 3 Bastons Early Blood

Pork Pickle 1895
8 Galls water 70
4 lbs Saltpeter 1 Bbl
12 lbs Salt
6 oz Indigo

STANDARD
No.
55
DIARY