

1885.

1885

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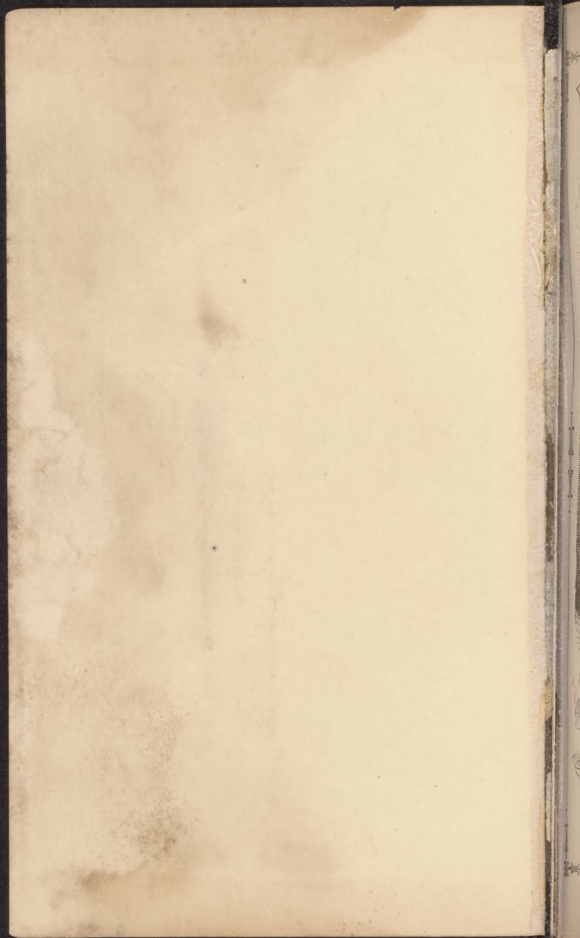
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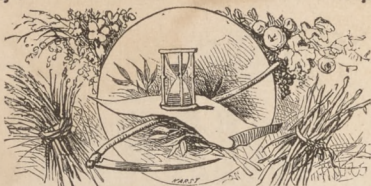
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EXGELSIOR DIARY



1885



CALENDAR FOR 1885.

	1885								1885						
	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.		SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	..	..	..	..	1	2	3		..	..	..	1	2	3	4
JAN.	4	5	6	7	8	9	10	JULY.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24	AUG.	19	20	21	22	23	24	25
	25	26	27	28	29	30	31		26	27	28	29	30	31	..
FEB.	..	..	..	..	..	..	..		..	..	..	..	..	..	1
	1	2	3	4	5	6	7		2	3	4	5	6	7	8
	8	9	10	11	12	13	14		9	10	11	12	13	14	15
	15	16	17	18	19	20	21	SEPT.	16	17	18	19	20	21	22
	22	23	24	25	26	27	28		23	24	25	26	27	28	29
MARCH.	..	..	..	..	..	..	..		30	31	..	..	..	..	..
	1	2	3	4	5	6	7		..	..	1	2	3	4	5
	8	9	10	11	12	13	14	..	6	7	8	9	10	11	12
	15	16	17	18	19	20	21	SEPT.	13	14	15	16	17	18	19
	22	23	24	25	26	27	28		20	21	22	23	24	25	26
	29	30	31	..	..	..	..		27	28	29	30	..	..	..
APRIL.	..	..	..	..	1	2	3	..	..	..	..	..	1	2	3
	4	5	6	7	8	9	10	..	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	..	11	12	13	14	15	16	17
	18	19	20	21	22	23	24	OCT.	18	19	20	21	22	23	24
	25	26	27	28	29	30	..		25	26	27	28	29	30	31
	..	..	..	..	..	1	2		..	..	..	..	..	..	..
MAY.	3	4	5	6	7	8	9		1	2	3	4	5	6	7
	10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23	NOV.	15	16	17	18	19	20	21
	24	25	26	27	28	29	30		22	23	24	25	26	27	28
	31	..	..	..	..	..	..		29	30	..	..	..	..	..
JUNE.	..	1	2	3	4	5	6	..	..	..	1	2	3	4	5
	7	8	9	10	11	12	13	..	6	7	8	9	10	11	12
	14	15	16	17	18	19	20	DEC.	13	14	15	16	17	18	19
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
	28	29	30	..	..	..	..		27	28	29	30	31	..	..

Astronomical
There will be
of the Moon, as
I. An Annular
Eclipse of the
Sun will be visible
at Boston, Meg-
Chicago, New-York,
II. A Part
in the United
III. A T
United Sta
IV. A T
throughout
Eclipse of
Boston,
Chicago,
St. Louis,
MERCURY
Sept. 2 to
MARS, from
Dec. 26. S
Sept. 26
MERCURY
June 27 to S
MARS, u
Sept. 8, and
Oct. 1. URAN
until May 13,
MERCURY
before the Sun
ing after the
year; JUPITER
March 1; NE
MOVABLE F
Septuagesima
Sexagesima
Quinquagesima
Ash-Wednesday
Quadragesima
Mid-Lent. Sun
Palm Sunday.
Good Friday.
Easter Sunday
Law
Whitson
Ascension Day

Astronomical Calculations.

ECLIPSES, 1885.

There will be four Eclipses in 1885, two of the Sun and two of the Moon, as follows, Standard time :

I. An Annular Eclipse of the Sun, March 16, visible as a Partial Eclipse throughout North America. The Annular Phase will be visible in the N. W. portion of the U. S. lasting 50 sec.
 Boston, beg. 0 36 end 2 52 New Orl'ns, beg. 10 30 end 1 7
 Chicago, 10 45 1 29 St. Louis, 10 36 1 21
 New-York, 0 16 2 45 San Fran., 7 46 10 30

II. A Partial Eclipse of the Moon, March 30, invisible in the United States.

III. A Total Eclipse of the Sun, Sept. 8, invisible in the United States.

IV. A Partial Eclipse of the Moon, Sept. 23, 24, visible throughout the United States.

Eclipse beg.		mid.		end.		Eclipse beg.		mid.		end.	
Boston,	1 14	2 48	4 22	New-York,	1 14	2 48	4 22				
Chicago,	0 15	1 49	3 23	New Orl'ns,	0 14	1 48	3 22				
St. Louis,	0 14	1 48	3 22	San Fran.,	10 15	11 49	1 23				

MORNING STARS.

MERCURY, from Jan. 3 to March 13; April 27 to June 27; Sept. 2 to Oct. 16, and after Dec. 18. VENUS, until May 4. MARS, from Feb. 11 to Dec. 3. JUPITER, from Sept. 8 to Dec. 26. SATURN, from June 18 to Oct. 1. URANUS, from Sept. 26 to Dec. 28. NEPTUNE, from May 13 to Aug. 18.

EVENING STARS.

MERCURY, until Jan. 3, and from March 13 to April 27; June 27 to Sept. 2, and Oct. 16 to Dec. 18. VENUS, after May 4. MARS, until Feb. 11, and after Dec. 3. JUPITER, until Sept. 8, and after Dec. 26. SATURN, until June 18, and after Oct. 1. URANUS, until Sept. 26, and after Dec. 28. NEPTUNE, until May 13, and after Aug. 18.

PLANETS BRIGHTEST.

MERCURY, Jan. 26-29; May 25-28, and Sept. 15-18, rising before the Sun; also, April 5-8; Aug. 3-6, and Nov. 27-30, setting after the Sun. VENUS, not this year; MARS, not this year; JUPITER, Feb. 19; SATURN, Dec. 26; URANUS, March 21; NEPTUNE, Nov. 16.

MOVABLE FEASTS AND CHRONOLOGICAL CYCLES.

Septuagesima Sunday..Feb.	1	Whit-Sunday (Pent't)..May	24
Sexagesima " " " "	8	Trinity Sunday..... " "	31
Quinquagesima " " " "	15	Corpus Christi.....June	4
Ash-Wednesday..... " "	18	Advent Sunday.....Nov.	29
Quadragesima Sun.... " "	22	Dominical Letter..... D	
Mid-Lent Sunday...Mar.	8	Epact.....	14
Palm Sunday..... " "	29	Lunar Cycle (Golden No.)	5
Good Friday.....Apr.	3	Solar Cycle.....	18
Easter Sunday..... " "	5	Roman Indiction.....	13
Low " " " "	12	Julian Period.....	6598
Rogation " " " "May	10	Dionysian Period.....	214
Ascension Day..... " "	14	Jewish Lunar Cycle.....	2



✦ JANUARY ✦ 1885. ✦

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	7 d.	10 h. 37 m.	9 h. 37 m.
New Moon.....	16 d.	3 h. 37 m.	2 h. 37 m.
First Quarter....	23 d.	8 h. 27 m.	7 h. 27 m.
Full Moon.....	30 d.	11 h. 20 m.	10 h. 20 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
7 25	4 43	5 50	8 19	1	Th.	7 30	4 38	5 46	11 23
7 25	4 44	7 2	9 15	2	Fr.	7 30	4 39	6 59	ev. 5
7 25	4 45	8 8	10 3	3	Sa.	7 30	4 40	8 6	1 7
7 25	4 46	9 16	10 49	4	S.	7 30	4 41	9 14	2 5
7 25	4 47	10 19	11 38	5	Mo.	7 30	4 42	10 18	2 42
7 25	4 48	11 22	ev. 27	6	Tu.	7 29	4 43	11 23	3 29
7 25	4 49	morn.	1 18	7	We	7 29	4 44	morn.	4 28
7 24	4 50	21	2 10	8	Th.	7 29	4 45	22	5 12
7 24	4 51	1 19	3 4	9	Fr.	7 29	4 46	1 21	6 6
7 24	4 52	2 16	3 59	10	Sa.	7 29	4 47	2 18	7 2
7 24	4 53	3 10	4 51	11	S.	7 29	4 48	3 13	7 55
7 23	4 54	4 4	5 42	12	Mo.	7 28	4 50	4 8	8 47
7 23	4 55	4 53	6 33	13	Tu.	7 28	4 51	4 58	9 34
7 23	4 56	5 43	7 18	14	We	7 28	4 52	5 47	10 21
7 22	4 57	6 27	7 58	15	Th.	7 27	4 53	6 31	11 4
7 22	4 59	sets.	8 38	16	Fr.	7 27	4 54	sets.	11 41
7 21	5 0	6 40	9 19	17	Sa.	7 26	4 55	6 37	morn.
7 21	5 1	7 38	9 59	18	S.	7 26	4 56	7 36	2 1
7 21	5 2	8 38	10 36	19	Mo.	7 25	4 58	8 37	1 1
7 20	5 3	9 38	11 17	20	Tu.	7 24	4 59	9 38	1 41
7 19	5 4	10 39	morn.	21	We	7 24	5 0	10 40	2 23
7 18	5 5	11 41	3	22	Th.	7 23	5 1	11 43	3 6
7 17	5 7	morn.	5 2	23	Fr.	7 22	5 3	morn.	3 53
7 17	5 8	44	1 47	24	Sa.	7 22	5 4	46	4 58
7 16	5 9	1 49	2 50	25	S.	7 21	5 5	1 52	5 52
7 16	5 10	2 55	3 58	26	Mo.	7 20	5 6	2 58	7 1
7 15	5 11	3 58	5 7	27	Tu.	7 19	5 8	4 3	8 10
7 14	5 13	4 59	6 13	28	We	7 18	5 9	5 4	9 15
7 13	5 14	5 55	7 11	29	Th.	7 17	5 10	5 59	10 14
7 12	5 15	rises.	8 2	30	Fr.	7 16	5 12	rises.	11 7
7 12	5 16	6 52	8 53	31	Sa.	7 15	5 13	6 50	ev. 5

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✦ FEBRUARY ✦ 1885. ✦

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	6 d.	5 h. 38 m.	4 h. 38 m.
New Moon	14 d.	9 h. 23 m.	8 h. 23 m.
First Quarter	22 d.	5 h. 32 m.	4 h. 32 m.
Full Moon	28 d.	11 h. 1 m.	10 h. 1 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
7 11	5 18	7 59	9 41	1	S.	7 14	5 14	7 58	45
7 10	5 19	9 4	10 23	2	Mo.	7 13	5 15	9 4	1 27
7 9	5 20	10 5	11 07	3	Tu.	7 12	5 16	10 6	2 12
7 7	5 21	11 6	11 52	4	We	7 11	5 18	11 8	2 55
7 6	5 22	morn.	ev. 39	5	Th.	7 10	5 19	morn.	3 41
7 5	5 23	9	1 30	6	Fr.	7 9	5 21	12	4 31
7 4	5 25	1 2	2 22	7	Sa.	7 8	5 22	1 6	5 24
7 3	5 26	1 56	3 20	8	S.	7 6	5 23	2 0	6 22
7 2	5 27	2 48	4 16	9	Mo.	7 5	5 24	2 52	7 19
7 1	5 28	3 37	5 11	10	Tu.	7 4	5 25	3 42	8 14
7 0	5 30	4 23	6 2	11	We	7 2	5 26	4 27	9 6
6 58	5 31	5 4	6 49	12	Th.	7 1	5 28	5 8	9 51
6 57	5 32	5 54	7 34	13	Fr.	7 0	5 29	5 57	10 38
6 56	5 34	6 20	8 12	14	Sa.	6 59	5 30	6 23	11 15
6 55	5 35	sets.	8 52	15	S.	6 57	5 32	sets.	11 54
6 53	5 36	7 29	9 32	16	Mo.	6 56	5 33	7 28	morn.
6 52	5 37	8 31	10 12	17	Tu.	6 54	5 35	8 32	34
6 51	5 39	9 33	10 52	18	We	6 53	5 36	9 35	1 15
6 49	5 40	10 37	11 39	19	Th.	6 52	5 38	10 39	1 58
6 48	5 41	11 42	morn.	20	Fr.	6 50	5 39	11 45	2 43
6 46	5 43	morn.	30	21	Sa.	6 48	5 40	morn.	3 32
6 45	5 44	45	1 28	22	S.	6 47	5 42	49	4 29
6 44	5 45	1 48	2 33	23	Mo.	6 45	5 43	1 52	5 35
6 42	5 46	2 48	3 44	24	Tu.	6 44	5 45	2 53	6 47
6 41	5 48	3 43	4 52	25	We	6 42	5 46	3 47	7 56
6 39	5 49	4 36	5 58	26	Th.	6 41	5 47	4 39	8 57
6 38	5 50	5 21	6 55	27	Fr.	6 39	5 49	5 23	9 52
6 37	5 51	rises.	7 44	28	Sa.	6 38	5 50	rises.	10 49
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HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✦ **MARCH** ✦ 1885. ✦

MOON'S PHASES.		EASTERN DIV.		CENTRAL DIV.	
Last Quarter	8 d.	1 h.	55 m.	0 h.	55 m.
New Moon	16 d.	0 h.	38 m.	11 h.	38 m.
First Quarter	23 d.	0 h.	24 m.	11 h.	24 m.
Full Moon	30 d.	11 h.	41 m.	10 h.	41 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
6 35	5 53	6 44	8 28	1	S.	6 36	5 51	6 43	11 33
6 34	5 53	7 48	9 15	2	Mo.	6 35	5 52	7 49	ev. 16
6 32	5 54	8 50	9 57	3	Tu.	6 33	5 53	8 51	59
6 30	5 55	9 51	10 34	4	We	6 31	5 54	9 53	1 40
6 29	5 56	10 49	11 17	5	Th.	6 30	5 55	10 51	2 23
6 27	5 57	11 45	ev. 4	6	Fr.	6 28	5 56	11 48	3 7
6 25	5 58	morn.	52	7	Sa.	6 26	5 57	morn.	3 53
6 24	5 59	39	1 45	8	S.	6 25	5 58	43	4 46
6 22	6 0	1 29	2 39	9	Mo.	6 23	5 59	1 34	5 41
6 20	6 1	2 16	3 38	10	Tu.	6 21	6 0	2 20	6 41
6 19	6 2	3 0	4 34	11	We	6 20	6 2	3 3	7 37
6 17	6 3	3 40	5 28	12	Th.	6 18	6 3	3 44	8 31
6 16	6 4	4 18	6 17	13	Fr.	6 16	6 4	4 21	9 19
6 14	6 5	4 53	7 3	14	Sa.	6 14	6 5	4 55	10 5
6 12	6 6	5 26	7 44	15	S.	6 13	6 6	5 28	10 49
6 11	6 8	sets.	8 24	16	Mo.	6 11	6 7	sets.	11 29
6 9	6 9	7 23	9 7	17	Tu.	6 9	6 9	7 24	morn.
6 7	6 10	8 27	9 50	18	We	6 7	6 10	8 29	8
6 6	6 11	9 33	10 34	19	Th.	6 6	6 11	9 36	52
6 4	6 12	10 38	11 20	20	Fr.	6 4	6 12	10 42	1 38
6 2	6 13	11 42	morn.	21	Sa.	6 2	6 13	11 46	2 26
6 1	6 14	morn.	16	22	S.	6 0	6 14	morn.	3 18
5 59	6 15	41	1 18	23	Mo.	5 59	6 15	46	4 19
5 58	6 16	1 39	2 21	24	Tu.	5 57	6 16	1 43	5 23
5 56	6 17	2 31	3 31	25	We	5 55	6 17	2 34	6 33
5 54	6 18	3 26	4 38	26	Th.	5 53	6 18	3 29	7 41
5 52	6 19	3 59	5 40	27	Fr.	5 52	6 19	4 1	8 43
5 51	6 20	4 36	6 34	28	Sa.	5 50	6 20	4 37	9 36
5 49	6 21	5 11	7 21	29	S.	5 48	6 21	5 12	10 24
5 47	6 22	rises.	8 2	30	Mo.	5 46	6 22	rises.	11 7
5 45	6 23	7 36	8 45	31	Tu.	5 44	6 23	7 38	11 48

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✠ APRIL ♦ 1885. ✠

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	7 d.	9 h. 43 m.	8 h. 43 m.
New Moon.....	15 d.	0 h. 53 m.	11 h. 53 m.
First Quarter....	21 d.	6 h. 21 m.	5 h. 21 m.
Full Moon.....	29 d.	1 h. 15 m.	0 h. 15 m.

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. Stan. N. Y.			Sun rises.	Sun sets.	Moon rises.	H. W. Bost.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
5 44	6 24	8 35	9 27	1	We	5 43	6 25	8 37	ev. 29
5 42	6 26	9 33	10 9	2	Th.	5 41	6 27	9 37	1 11
5 41	6 27	10 29	10 46	3	Fr.	5 40	6 28	10 33	1 52
5 39	6 28	11 21	11 31	4	Sa.	5 38	6 29	11 25	2 35
5 37	6 29	morn.	ev. 18	5	S.	5 36	6 30	morn.	3 20
5 36	6 30	9	1 9	6	Mo.	5 35	6 31	14	4 10
5 34	6 31	54	2 0	7	Tu.	5 33	6 32	58	5 2
5 33	6 32	1 36	2 56	8	We	5 31	6 33	1 39	5 58
5 31	6 33	2 14	3 51	9	Th.	5 30	6 34	2 17	6 54
5 30	6 34	2 53	4 48	10	Fr.	5 28	6 36	2 55	7 52
5 28	6 35	3 23	5 40	11	Sa.	5 26	6 37	3 25	8 43
5 26	6 36	3 56	6 29	12	S.	5 25	6 38	3 57	9 31
5 25	6 37	4 30	7 14	13	Mo.	5 23	6 39	4 30	10 17
5 24	6 38	5 1	7 57	14	Tu.	5 21	6 40	5 0	11 3
5 22	6 39	sets.	8 43	15	We	5 20	6 41	sets.	11 46
5 20	6 40	8 25	9 31	16	Th.	5 18	6 42	8 28	morn.
5 19	6 41	9 32	10 19	17	Fr.	5 16	6 43	9 36	33
5 17	6 42	10 36	11 9	18	Sa.	5 15	6 45	10 40	1 22
5 16	6 43	11 35	morn.	19	S.	5 13	6 46	11 39	2 14
5 14	6 44	morn.	6	20	Mo.	5 12	6 47	morn.	3 9
5 13	6 45	29	1 7	21	Tu.	5 10	6 48	32	4 8
5 11	6 46	1 16	2 11	22	We	5 9	6 49	1 19	5 13
5 10	6 47	1 59	3 14	23	Th.	5 7	6 50	2 2	6 16
5 8	6 48	2 37	4 18	24	Fr.	5 6	6 51	2 39	7 21
5 7	6 49	3 13	5 15	25	Sa.	5 4	6 52	3 14	8 18
5 6	6 50	3 47	6 8	26	S.	5 3	6 53	3 47	9 10
5 4	6 51	4 20	6 55	27	Mo.	5 1	6 55	4 19	9 57
5 3	6 52	4 54	7 37	28	Tu.	5 0	6 56	4 52	10 42
5 2	6 53	rises.	8 16	29	We	4 58	6 57	rises.	11 22
5 0	6 55	8 18	9 0	30	Th.	4 57	6 58	8 22	ev. 2
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HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✦ MAY ✦ 1885. ✦

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	7 d.	3 h. 44 m.	2 h. 44 m.
New Moon	14 d.	10 h. 18 m.	9 h. 18 m.
First Quarter	21 d.	0 h. 46 m.	11 h. 46 m.
Full Moon	28 d.	3 h. 32 m.	2 h. 32 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
4 59	6 56	9 13	9 41	1	Fr	4 56	7 0	9 17	43
4 58	6 57	10 2	10 22	2	Sa	4 54	7 1	10 7	1 25
4 56	6 58	10 50	11 1	3	S.	4 53	7 2	10 54	2 6
4 55	6 59	11 33	11 47	4	Mo.	4 52	7 3	11 36	2 50
4 54	7 0	morn.	ev. 34	5	Tu.	4 51	7 4	morn.	3 36
4 53	7 1	12	1 24	6	We	4 49	7 5	16 4	4 25
4 52	7 2	47	2 15	7	Th.	4 48	7 6	49 5	5 17
4 51	7 3	1 22	3 10	8	Fr.	4 47	7 7	1 24	6 15
4 49	7 4	1 55	4 5	9	Sa.	4 46	7 8	1 56	7 8
4 48	7 5	2 28	4 59	10	S.	4 44	7 9	2 29	8 3
4 47	7 6	3 1	5 53	11	Mo.	4 43	7 10	3 0	8 56
4 46	7 7	3 37	6 45	12	Tu.	4 42	7 11	3 35	9 47
4 45	7 8	4 16	7 33	13	We	4 41	7 12	4 15	10 38
4 44	7 9	sets.	8 22	14	Th.	4 40	7 13	sets.	11 28
4 43	7 10	8 21	9 16	15	Fr.	4 39	7 14	8 25	morn.
4 42	7 11	9 23	10 8	16	Sa.	4 38	7 15	9 28	17
4 41	7 12	10 21	10 58	17	S.	4 37	7 16	10 25	1 10
4 40	7 13	11 14	11 54	18	Mo.	4 36	7 17	11 17	2 4
4 39	7 14	12 0	morn.	19	Tu.	4 35	7 18	morn.	2 57
4 39	7 15	morn.	5 2	20	We	4 34	7 19	3	3 53
4 38	7 16	39	1 51	21	Th.	4 33	7 20	45 4	4 53
4 37	7 17	1 16	2 51	22	Fr.	4 32	7 21	1 17	5 53
4 36	7 18	1 52	3 49	23	Sa.	4 31	7 22	1 52	6 52
4 36	7 19	2 23	4 44	24	S.	4 31	7 23	2 22	7 47
4 35	7 20	2 46	5 39	25	Mo.	4 30	7 24	2 44	8 42
4 34	7 20	3 28	6 28	26	Tu.	4 29	7 25	3 28	9 29
4 34	7 21	4 4	7 11	27	We	4 29	7 26	4 1	10 13
4 33	7 22	rises.	7 52	28	Th.	4 28	7 27	rises.	10 58
4 32	7 23	7 57	8 33	29	Fr.	4 27	7 28	8 2	11 33
4 32	7 23	8 45	9 17	30	Sa.	4 27	7 28	8 50	ev. 18
4 31	7 24	9 30	9 56	31	S.	4 26	7 29	9 34	58

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✈ JUNE ♦ 1885. ✈

MOON'S PHASES.		EASTERN DIV.		CENTRAL DIV.	
Last Quarter	5 d.	7 h.	6 m.	6 h.	6 m.
New Moon.....	12 d.	5 h.	43 m.	4 h.	43 m.
First Quarter	19 d.	8 h.	49 m.	7 h.	49 m.
Full Moon.....	27 d.	6 h.	19 m.	5 h.	19 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
4 31	7 24	10 10	10 34	1	Mo.	4 25	7 30	10 14	1 40
4 30	7 25	10 47	11 15	2	Tu.	4 25	7 30	10 50	2 21
4 30	7 26	11 23	ev. 1	3	We	4 25	7 31	11 25	3 3
4 30	7 26	11 55	47	4	Th.	4 24	7 32	11 57	3 48
4 29	7 27	morn.	1 37	5	Fr.	4 24	7 32	morn.	4 38
4 29	7 28	26	2 29	6	Sa.	4 24	7 33	27	5 31
4 29	7 28	58	3 24	7	S.	4 23	7 33	58	6 26
4 29	7 29	1 32	4 22	8	Mo.	4 23	7 34	1 31	7 25
4 28	7 30	2 9	5 22	9	Tu.	4 23	7 35	2 7	8 15
4 28	7 30	2 48	6 19	10	We	4 23	7 36	2 45	9 21
4 28	7 31	3 36	7 14	11	Th.	4 22	7 36	3 33	10 17
4 28	7 31	4 30	8 7	12	Fr.	4 22	7 37	4 26	11 12
4 28	7 32	sets.	9 2	13	Sa.	4 22	7 37	sets.	morn.
4 28	7 32	9 4	9 56	14	S.	4 22	7 38	9 8	4
4 28	7 32	9 54	10 45	15	Mo.	4 22	7 38	9 57	5 8
4 28	7 33	10 38	11 37	16	Tu.	4 22	7 38	10 40	1 51
4 28	7 33	11 11	morn.	17	We	4 22	7 39	11 12	2 41
4 28	7 33	11 51	31	18	Th.	4 22	7 39	11 52	3 33
4 28	7 34	morn.	1 25	19	Fr.	4 22	7 39	morn.	4 26
4 29	7 34	26	2 20	20	Sa.	4 23	7 40	26	5 22
4 29	7 34	59	3 19	21	S.	4 23	7 40	58	6 21
4 29	7 34	1 32	4 14	22	Mo.	4 23	7 40	1 30	7 17
4 29	7 34	2 7	5 8	23	Tu.	4 23	7 40	2 5	8 11
4 29	7 34	2 44	5 58	24	We	4 23	7 40	2 41	9 0
4 30	7 35	3 24	6 45	25	Th.	4 24	7 41	3 20	9 47
4 30	7 35	4 12	7 30	26	Fr.	4 24	7 41	4 7	10 34
4 30	7 35	rises.	8 10	27	Sa.	4 24	7 41	rises.	11 15
4 29	7 35	8 11	8 52	28	S.	4 25	7 40	8 15	11 55
4 29	7 35	8 49	9 31	29	Mo.	4 25	7 40	8 53	ev. 33
4 29	7 35	9 24	10 10	30	Tu.	4 26	7 40	9 26	1 13
.....

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✧ JULY ♦ 1885. ✧

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	5 d.	7 h. 27 m.	6 h. 27 m.
New Moon	12 d.	0 h. 17 m.	11 h. 17 m.
First Quarter	18 d.	7 h. 21 m.	6 h. 21 m.
Full Moon	26 d.	9 h. 24 m.	8 h. 24 m.

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

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✧ AUGUST ✧ 1885. ✧

MOON'S PHASES.		EASTERN DIV.		CENTRAL DIV.	
Last Quarter	3 d.	4 h.	57 m.	3 h.	57 m.
New Moon.....	10 d.	7 h.	15 m.	6 h.	15 m.
First Quarter	17 d.	8 h.	48 m.	7 h.	48 m.
Full Moon.....	25 d.	9 h.	26 m.	11 h.	26 m.

New-York City,
Phila., Conn., New Jersey,
Penn., O., Ind., & Ill.

Sun rises.	Sun sets.	Moon rises.	H.W. N. Y.	D. OF MO.	D. OF WK.	Sun rises.	Sun sets.	Moon rises.	H. W. Bost.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
4 56	7 16	10 7	11 41	1	Sa.	4 52	7 20	10 6	2 45
4 57	7 14	10 43	ev. 28	2	S.	4 53	7 18	10 41	3 30
4 58	7 13	11 21	1 21	3	Mo.	4 54	7 17	11 18	4 22
4 59	7 12	morn.	2 18	4	Tu.	4 55	7 16	morn.	5 20
5 0	7 11	5	3 25	5	We	4 56	7 15	2	6 27
5 1	7 10	57	4 34	6	Th.	4 57	7 14	53	7 37
5 2	7 9	1 54	5 42	7	Fr.	4 58	7 12	1 49	8 45
5 3	7 7	2 57	6 44	8	Sa.	4 59	7 11	2 53	9 46
5 4	7 6	4 5	7 39	9	S.	5 0	7 10	4 2	10 46
5 5	7 5	sets.	8 29	10	Mo.	5 1	7 8	sets.	11 34
5 6	7 4	7 45	9 18	11	Tu.	5 2	7 7	7 46	morn.
5 7	7 2	8 22	10 11	12	We	5 3	7 6	8 23	20
5 8	7 1	8 58	10 46	13	Th.	5 4	7 4	8 57	1 8
5 9	7 0	9 34	11 33	14	Fr.	5 5	7 3	9 32	1 52
5 10	6 58	10 8	morn.	15	Sa.	5 6	7 1	10 6	2 37
5 11	6 57	10 45	21	16	S.	5 7	7 0	10 42	3 23
5 12	6 55	11 24	1 12	17	Mo.	5 8	6 58	11 20	4 13
5 13	6 54	morn.	2 7	18	Tu.	5 10	6 57	morn.	5 9
5 14	6 53	5	3 3	19	We	5 11	6 55	1	6 5
5 15	6 51	51	4 0	20	Th.	5 12	6 54	46	7 3
5 16	6 50	1 39	4 55	21	Fr.	5 13	6 52	1 35	7 59
5 17	6 48	2 34	5 48	22	Sa.	5 14	6 51	2 30	8 51
5 17	6 47	3 23	6 36	23	S.	5 15	6 49	3 19	9 38
5 18	6 45	4 18	7 19	24	Mo.	5 16	6 48	4 15	10 22
5 19	6 44	rises.	7 58	25	Tu.	5 17	6 46	rises.	11 4
5 20	6 42	7 4	8 37	26	We	5 18	6 44	7 5	11 42
5 21	6 41	7 38	9 18	27	Th.	5 19	6 43	7 38	ev. 19
5 22	6 39	8 10	9 56	28	Fr.	5 20	6 41	8 9	58
5 23	6 37	8 44	10 32	29	Sa.	5 21	6 39	8 43	1 30
5 24	6 36	9 22	11 14	30	S.	5 22	6 38	9 19	2 20
5 25	6 34	10 3	ev. 5	31	Mo.	5 23	6 36	9 59	3 8

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✧ SEPTEMBER ✧ 1885. ✧

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	2 d.	0 h. 16 m.	11 h. 16 m.
New Moon	8 d.	3 h. 44 m.	2 h. 44 m.
First Quarter	16 d.	1 h. 16 m.	0 h. 16 m.
Full Moon	24 d.	2 h. 56 m.	1 h. 56 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
5 26	6 33	10 49	1 0	1	Tu.	5 24	6 35	10 46	3 59
5 27	6 31	11 43	1 59	2	We	5 26	6 33	11 39	5 1
5 28	6 29	morn.	3 9	3	Th.	5 27	6 31	morn.	6 11
5 29	6 28	31	4 6	4	Fr.	5 28	6 29	27	7 6
5 30	6 26	1 46	5 28	5	Sa.	5 29	6 28	1 42	8 31
5 31	6 25	2 54	6 29	6	S.	5 30	6 26	2 51	9 31
5 32	6 23	4 3	7 21	7	Mo.	5 31	6 24	4 1	10 25
5 33	6 21	5 12	8 8	8	Tu.	5 32	6 22	5 11	11 13
5 34	6 20	sets.	8 54	9	We	5 33	6 21	sets.	morn.
5 35	6 18	7 28	9 39	10	Th.	5 34	6 19	7 27	6
5 36	6 16	8 4	10 22	11	Fr.	5 35	6 17	8 2	41
5 37	6 15	8 41	11 2	12	Sa.	5 36	6 15	8 38	1 25
5 38	6 13	9 20	11 49	13	S.	5 37	6 14	9 17	2 7
5 39	6 11	10 1	morn.	14	Mo.	5 38	6 12	9 58	2 52
5 40	6 9	10 45	38	15	Tu.	5 39	6 10	10 41	3 40
5 41	6 8	11 33	1 30	16	We	5 40	6 8	11 28	4 31
5 42	6 6	morn.	2 27	17	Th.	5 41	6 7	morn.	5 29
5 43	6 4	22	3 22	18	Fr.	5 43	6 5	18	6 25
5 44	6 3	1 15	4 21	19	Sa.	5 44	6 3	1 11	7 22
5 45	6 1	2 10	5 12	20	S.	5 45	6 1	2 7	8 15
5 46	5 59	3 7	6 2	21	Mo.	5 46	6 0	3 4	9 4
5 47	5 58	4 4	6 47	22	Tu.	5 47	5 58	4 3	9 49
5 48	5 56	5 2	7 29	23	We	5 48	5 56	5 1	10 33
5 49	5 55	rises.	8 7	24	Th.	5 49	5 54	rises.	11 12
5 50	5 53	6 48	8 49	25	Fr.	5 50	5 53	6 46	11 52
5 51	5 52	7 22	9 31	26	Sa.	5 51	5 51	7 20	ev. 33
5 52	5 50	8 4	10 12	27	S.	5 52	5 49	8 1	1 15
5 53	5 48	8 47	10 57	28	Mo.	5 53	5 47	8 45	2 3
5 54	5 46	9 38	11 48	29	Tu.	5 54	5 46	9 34	2 51
5 54	5 44	10 35	ev. 45	30	We	5 56	5 44	10 30	3 46

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✧ OCTOBER ✧ 1885. ✧

MOON'S PHASES.		EASTERN DIV.	CENTRAL DIV.
Last Quarter	1 d.	6 h. 30 m.	5 h. 30 m.
New Moon	8 d.	2 h. 32 m.	1 h. 32 m.
First Quarter	16 d.	8 h. 21 m.	7 h. 21 m.
Full Moon	23 d.	4 h. 23 m.	3 h. 23 m.
Last Quarter	30 d.	0 h. 59 m.	11 h. 59 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
5 56	5 43	11 35	1 49	1	Th.	5 57	5 42	11 31	4 51
5 57	5 41	morn.	2 55	2	Fr.	5 58	5 40	morn.	5 57
5 58	5 39	40	4 4	3	Sa.	5 59	5 39	36	7 7
5 59	5 38	1 46	5 11	4	S.	6 0	5 37	1 43	8 12
6 0	5 36	2 55	6 7	5	Mo.	6 1	5 35	2 53	9 9
6 1	5 35	4 2	7 0	6	Tu.	6 2	5 33	4 1	10 2
6 2	5 33	5 9	7 45	7	We	6 3	5 32	5 9	10 50
6 3	5 31	sets.	8 26	8	Th.	6 4	5 30	sets.	11 31
6 4	5 30	6 36	9 12	9	Fr.	6 6	5 28	6 33	morn.
6 5	5 28	7 13	9 55	10	Sa.	6 7	5 27	7 10	13
6 7	5 27	7 54	10 33	11	S.	6 8	5 25	7 51	57
6 8	5 25	8 37	11 17	12	Mo.	6 9	5 23	8 33	1 39
6 9	5 23	9 26	morn.	13	Tu.	6 10	5 22	9 21	2 23
6 10	5 22	10 13	6	14	We	6 11	5 20	10 9	3 9
6 11	5 20	11 5	5 5	15	Th.	6 13	5 19	11 1	3 56
6 12	5 19	11 59	1 48	16	Fr.	6 14	5 17	11 55	4 48
6 13	5 17	morn.	2 43	17	Sa.	6 15	5 15	morn.	5 45
6 14	5 16	54	3 38	18	S.	6 16	5 14	51	6 41
6 15	5 14	1 51	4 31	19	Mo.	6 17	5 12	1 49	7 34
6 16	5 13	2 51	5 23	20	Tu.	6 18	5 11	2 49	8 25
6 18	5 12	3 49	6 12	21	We	6 20	5 9	3 48	9 14
6 19	5 10	4 53	6 57	22	Th.	6 21	5 8	4 54	9 59
6 20	5 9	rises.	7 39	23	Fr.	6 22	5 6	rises.	10 44
6 21	5 7	6 0	8 22	24	Sa.	6 23	5 5	5 57	11 27
6 22	5 6	6 44	9 9	25	S.	6 24	5 3	6 41	ev. 10'
6 23	5 4	7 35	9 56	26	Mo.	6 26	5 2	7 31	58
6 24	5 3	8 30	10 44	27	Tu.	6 27	5 1	8 25	1 50
6 26	5 2	9 29	11 37	28	We	6 28	4 59	9 25	2 41
6 27	5 1	10 33	ev. 35	29	Th.	6 29	4 57	10 29	3 37
6 28	4 59	11 38	1 38	30	Fr	6 31	4 57	11 36	4 41
6 29	4 58	morn.	2 43	31	Sa.	6 32	4 55	morn.	5 45

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



→ NOVEMBER ♦ 1885. →

MOON'S PHASES.		EASTERN DIV.		CENTRAL DIV.	
New Moon	6 d.	4 h.	4 m.	3 h.	4 m.
First Quarter	14 d.	5 h.	0 m.	4 h.	0 m.
Full Moon	22 d.	4 h.	40 m.	3 h.	40 m.
Last Quarter	28 d.	9 h.	58 m.	8 h.	58 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
6 30	4 57	44	3 45	1	S.	6 33	4 54	42	6 48
6 31	4 56	1 49	4 44	2	Mo.	6 34	4 53	1 48	7 47
6 32	4 54	2 55	5 42	3	Tu.	6 36	4 51	2 54	8 45
6 34	4 53	4 1	6 34	4	We	6 37	4 50	4 1	9 35
6 35	4 52	5 3	7 20	5	Th.	6 38	4 49	5 4	10 23
6 36	4 51	6 6	8 0	6	Fr.	6 39	4 48	6 8	11 5
6 37	4 50	sets.	8 45	7	Sa.	6 41	4 47	sets.	11 48
6 38	4 49	6 30	9 28	8	S.	6 42	4 45	6 26	morn.
6 40	4 48	7 16	10 8	9	Mo.	6 43	4 44	7 11	30
6 41	4 47	8 5	10 49	10	Tu.	6 44	4 43	8 0	1 11
6 42	4 46	8 55	11 34	11	We	6 46	4 42	8 49	1 55
6 43	4 45	9 49	morn.	12	Th.	6 47	4 41	9 46	2 38
6 44	4 44	10 43	21	13	Fr.	6 48	4 40	10 40	3 23
6 46	4 43	11 38	1 10	14	Sa.	6 49	4 39	11 36	4 11
6 47	4 42	morn.	2 1	15	S.	6 51	4 39	morn.	5 0
6 48	4 41	35	2 52	16	Mo.	6 52	4 38	34	5 54
6 49	4 40	1 33	3 45	17	Tu.	6 53	4 37	1 32	6 48
6 50	4 39	2 32	4 38	18	We	6 54	4 36	2 32	7 41
6 51	4 39	3 33	5 32	19	Th.	6 56	4 35	3 34	8 35
6 53	4 38	4 36	6 24	20	Fr.	6 57	4 34	4 38	9 26
6 54	4 38	5 42	7 13	21	Sa.	6 58	4 34	5 45	10 16
6 55	4 37	rises.	7 59	22	S.	6 59	4 33	rises.	11 4
6 56	4 36	6 19	8 52	23	Mo.	7 0	4 32	6 14	11 55
6 57	4 36	7 20	9 44	24	Tu.	7 2	4 32	7 15	ev. 46
6 58	4 35	8 27	10 32	25	We	7 3	4 31	8 23	1 38
6 59	4 35	9 30	11 26	26	Th.	7 4	4 31	9 27	2 32
7 0	4 35	10 36	ev. 23	27	Fr.	7 5	4 30	10 34	3 25
7 2	4 34	11 43	1 21	28	Sa.	7 6	4 30	11 41	4 22
7 3	4 34	morn.	2 19	29	S.	7 7	4 30	morn.	5 21
7 4	4 34	48	3 21	30	Mo.	7 8	4 29	47	6 23

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



✦ DECEMBER ✦ 1885. ✦

MOON'S PHASES.		EASTERN DIV.		CENTRAL DIV.	
New Moon.....	6 d.	8 h.	17 m.	7 h.	17 m.
First Quarter....	14 d.	1 h.	23 m.	0 h.	23 m.
Full Moon.....	21 d.	4 h.	59 m.	3 h.	59 m.
Last Quarter....	28 d.	7 h.	23 m.	6 h.	23 m.

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.
Mean time.	Mean time.	Mean time.	Stan. time.			Mean time.	Mean time.	Mean time.	Stan. time.
7 5	4 34	1 52	4 19	1	Tu.	7 10	4 29	1 53	7 22
7 6	4 33	2 54	5 14	2	We	7 11	4 29	2 55	8 17
7 7	4 33	3 56	6 6	3	Th.	7 12	4 28	3 58	9 8
7 8	4 33	4 56	6 54	4	Fr.	7 13	4 28	4 59	9 56
7 9	4 32	5 55	7 37	5	Sa.	7 14	4 28	5 58	10 42
7 10	4 32	sets.	8 18	6	S.	7 15	4 28	sets.	11 24
7 11	4 32	5 57	9 3	7	Mo.	7 16	4 28	5 53	morn.
7 12	4 32	6 47	9 44	8	Tu.	7 17	4 28	6 43	5
7 13	4 32	7 39	10 23	9	We	7 17	4 28	7 35	46
7 14	4 32	8 34	11 4	10	Th.	7 18	4 28	8 30	1 27
7 15	4 32	9 29	11 47	11	Fr.	7 19	4 28	9 27	2 9
7 15	4 32	10 24	morn.	12	Sa.	7 20	4 28	10 22	2 50
7 16	4 33	11 20	31	13	S.	7 21	4 28	11 18	3 33
7 16	4 33	morn.	1 18	14	Mo.	7 22	4 28	morn.	4 19
7 17	4 33	18	2 8	15	Tu.	7 22	4 29	17	5 10
7 18	4 33	1 18	3 2	16	We	7 23	4 29	1 18	6 4
7 18	4 33	2 17	3 57	17	Th.	7 24	4 29	2 19	7 0
7 19	4 34	3 20	4 54	18	Fr.	7 24	4 29	3 23	7 58
7 20	4 34	4 25	5 52	19	Sa.	7 25	4 30	4 28	8 55
7 20	4 35	5 31	6 49	20	S.	7 26	4 30	5 35	9 51
7 21	4 35	rises.	7 43	21	Mo.	7 26	4 31	rises.	10 48
7 21	4 36	6 24	8 36	22	Tu.	7 26	4 31	6 20	11 41
7 22	4 37	7 12	9 31	23	We	7 27	4 32	7 8	ev. 33
7 22	4 37	8 22	10 22	24	Th.	7 27	4 32	8 19	1 25
7 23	4 38	9 29	11 11	25	Fr.	7 28	4 33	9 27	2 16
7 23	4 39	10 39	ev. 4	26	Sa.	7 28	4 33	10 38	3 7
7 23	4 39	11 45	57	27	S.	7 28	4 34	11 45	3 58
7 23	4 40	morn.	1 53	28	Mo.	7 29	4 35	morn.	4 55
7 24	4 40	48	2 51	29	Tu.	7 29	4 36	49	5 53
7 24	4 41	1 50	3 47	30	We	7 29	4 37	1 51	6 50
7 24	4 42	2 54	4 43	31	Th.	7 30	4 37	2 57	7 46

HEAVY-FACE figures indicate time from 6 P. M. to 6 A. M.



INTEREST TABLES.

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

5 0/0	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	6	56	
8 "	0	0	0	0	0	0	1	1	1	11	1.11	
12 "	0	0	0	0	1	1	1	2	2	17	1.67	
16 "	0	0	0	1	1	2	2	2	2	22	2.22	
20 "	0	0	1	1	2	2	2	2	3	28	2.28	
24 "	0	0	1	2	2	2	3	3	3	34	3.34	
28 "	0	1	1	2	2	3	3	3	4	39	3.39	
1 MO..	0	1	2	2	2	3	3	4	4	42	4.17	
2 "	1	2	3	4	4	5	6	7	8	49	8.34	
3 "	2	3	4	5	6	7	9	10	11	13	12.50	
6 "	3	5	8	10	13	15	18	20	23	25	25.00	
1 YR..	5	10	15	20	25	30	35	40	45	50	50.00	

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

TABLE OF WAGES IN THE WEEK.

One Hour
Two Hours
Three Hours
Four Hours
Five Hours
Six Hours
Seven Hours
Eight Hours
Nine Hours
Ten Hours
Eleven Hours
Twelve Hours
Thirteen Hours
Fourteen Hours
Fifteen Hours
Sixteen Hours
Seventeen Hours
Eighteen Hours
Nineteen Hours
Twenty Hours
Twenty One Hours
Twenty Two Hours
Twenty Three Hours
Twenty Four Hours
Twenty Five Hours
Twenty Six Hours
Twenty Seven Hours
Twenty Eight Hours
Twenty Nine Hours
Thirty Hours

TABLE OF WAGES BY THE WEEK.

Wage	One hour.	Two hours.	Five hours.	Six hrs.	Nine hrs.	One day.	Two days.	Three days.	Four days.	Five days.	Six days.
\$3	.05	.10	.25	.30	.45	.50	1.00	1.50	2.00	2.50	3.00
4	.06 $\frac{2}{3}$	.13 $\frac{1}{3}$	.33 $\frac{1}{3}$	.40	.60	.66 $\frac{2}{3}$	1.33 $\frac{1}{3}$	2.00	2.66 $\frac{2}{3}$	3.33 $\frac{1}{3}$	4.00
5	.08 $\frac{1}{3}$	.16 $\frac{2}{3}$	.41 $\frac{2}{3}$	.50	.75	.83 $\frac{1}{3}$	1.66 $\frac{2}{3}$	2.50	3.33 $\frac{1}{3}$	4.16 $\frac{2}{3}$	5.00
6	.10	.20	.50	.60	1.00	1.00	2.00	3.00	4.00	5.00	6.00
7	.11 $\frac{2}{3}$	.23 $\frac{1}{3}$	.58 $\frac{1}{3}$	.70	1.05	1.16 $\frac{2}{3}$	2.33 $\frac{1}{3}$	3.50	4.66 $\frac{2}{3}$	5.83 $\frac{1}{3}$	7.00
8	.13 $\frac{1}{3}$	.26 $\frac{2}{3}$	.66 $\frac{2}{3}$	.80	1.20	1.33 $\frac{1}{3}$	2.66 $\frac{2}{3}$	4.00	5.33 $\frac{1}{3}$	6.66 $\frac{2}{3}$	8.00
9	.15	.30	.75	.90	1.35	1.50	3.00	4.50	6.00	7.50	9.00
10	.16 $\frac{2}{3}$	.33 $\frac{1}{3}$	.83 $\frac{1}{3}$	1.00	1.50	1.66 $\frac{2}{3}$	3.33 $\frac{1}{3}$	5.00	6.66 $\frac{2}{3}$	8.33 $\frac{1}{3}$	10.00
11	.18 $\frac{1}{3}$	.36 $\frac{2}{3}$	.91 $\frac{2}{3}$	1.10	1.65	1.83 $\frac{1}{3}$	3.66 $\frac{2}{3}$	5.50	7.33 $\frac{1}{3}$	9.16 $\frac{2}{3}$	11.00
12	.20	.40	1.00	1.20	1.80	2.00	4.00	6.00	8.00	10.00	12.00
13	.21 $\frac{2}{3}$	.43 $\frac{1}{3}$	1.08 $\frac{1}{3}$	1.30	1.95	2.16 $\frac{2}{3}$	4.33 $\frac{1}{3}$	6.50	8.66 $\frac{2}{3}$	10.83 $\frac{1}{3}$	13.00
14	.23 $\frac{1}{3}$	.46 $\frac{2}{3}$	1.16 $\frac{2}{3}$	1.40	2.10	2.33 $\frac{1}{3}$	4.66 $\frac{2}{3}$	7.00	9.33 $\frac{1}{3}$	11.66 $\frac{2}{3}$	14.00
15	.25	.50	1.25	1.50	2.25	2.50	5.00	7.50	10.00	12.50	15.00
16	.26 $\frac{2}{3}$	.53 $\frac{1}{3}$	1.33 $\frac{1}{3}$	1.60	2.40	2.66 $\frac{2}{3}$	5.33 $\frac{1}{3}$	8.00	10.66 $\frac{2}{3}$	13.33 $\frac{1}{3}$	16.00
17	.28 $\frac{1}{3}$	.56 $\frac{2}{3}$	1.41 $\frac{2}{3}$	1.70	2.55	2.83 $\frac{1}{3}$	5.66 $\frac{2}{3}$	8.50	11.33 $\frac{1}{3}$	14.16 $\frac{2}{3}$	17.00
18	.30	.60	1.50	1.80	2.70	3.00	6.00	9.00	12.00	15.00	18.00
19	.31 $\frac{2}{3}$	.63 $\frac{1}{3}$	1.58 $\frac{1}{3}$	1.90	2.85	3.16 $\frac{2}{3}$	6.33 $\frac{1}{3}$	9.50	12.66 $\frac{2}{3}$	15.83 $\frac{1}{3}$	19.00
20	.33 $\frac{1}{3}$	.66 $\frac{2}{3}$	1.66 $\frac{2}{3}$	2.00	3.00	3.33 $\frac{1}{3}$	6.66 $\frac{2}{3}$	10.00	13.33 $\frac{1}{3}$	16.66 $\frac{2}{3}$	20.00
24	.40	.80	2.00	2.40	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.





VALUE OF FOREIGN COINS.

DENOMINATION.	COUNTRY.	Equiv'ent in U. S. Money.
Boliviano.....	Bolivia	\$0.82.3
Bolivar.....	Venezuela .....	.19.3
Crown.....	Denmark .....	.26.8
“.....	Norway .....	.26.8
“.....	Sweden.....	.26.8
Dollar.....	British America	1.00.
“.....	Liberia.....	1.00.
“.....	Mexico.....	.89.4
“.....	Sandwich Islands.....	1.00.
Drachma.....	Greece .....	.19.3
Florin.....	Austria.....	.40.7
“.....	Netherlands.....	.40.2
Franc.....	Belgium.....	.19.3
“.....	France.....	.19.3
“.....	Switzerland.....	.19.3
Lira.....	Italy.....	.19.3
Mahbub of 20 piasters.....	Tripoli .....	.74.3
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.....	.93.2
“.....	Ecuador.....	.82.3
“.....	U. S. of Columbia.....	.82.3
Piaster.....	Egypt.....	.04.9
“.....	Turkey.....	.04.4
Pound Sterling.....	England.....	4.87.
Rouble of 100 copecks.....	Russia.....	.65.8
Rupee of 16 annas.....	India.....	.39.
Sol.....	Peru.....	.82.3
Yen.....	Japan.....	.88.8

PRESIDENTS OF THE UNITED STATES.
NAMES.
TERMS.
INAUGURATED.
DEPARTED.



PRESIDENTS OF THE UNITED STATES.

NAMES.	BORN.	INAUGUR.	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	4 " "	June 8, 1845	S. Carolina.
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. Carolina.
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	New Hamp.
JAMES BUCHANAN...	April 23, 1791	" 4, 1857	4 " "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 4od.	April 15, 1865	Kentucky.
ANDREW JOHNSON...	Dec. 29, 1808	April 15, 1865	3 yrs. 11 m	July 31, 1875	N. Carolina.
ULYSSES S. GRANT...	April 27, 1822	Mar. 4, 1869	8 years...	.....	Ohio.
RUTH. B. HAYES.....	Oct. 4, 1822	" 5, 1877	4 " "	.....	"
JAMES A. GARFIELD...	Nov. 19, 1831	" 4, 1881	6 mo. 15d.	.....	"
CHESTER A. ARTHUR...	Oct. 5, 1830	Sept. 19, 1881	.....	Sept. 19, 1881	Vermont.



PRINCIPAL CITIES.

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

CITIES.	Population. 1880.	Miles.	Hrs.	Stan Time - { Mean + } Time.
New-York, N. Y.....	1,206,299	....	.....	- 4 m.
Philadelphia, Pa.....	847,170	90	2	+ 1
Brooklyn, N. Y.....	566,663	....	.....	- 4
Chicago, Ill.....	503,185	912	24	- 9
Boston, Mass.....	352,832	234	6	- 16
St. Louis, Mo.....	350,518	1005	35½	+ 1
Baltimore, Md.....	332,313	188	4¾	+ 6
Cincinnati, Ohio.....	255,139	757	25½	- 22
San Francisco, Cal.....	233,959	3269	151	+ 10
New Orleans, La.....	216,090	1371	51	0
Cleveland, Ohio.....	160,146	585	19½	+ 27
Pittsburgh, Pa.....	156,839	444	12	+ 20
Buffalo, N. Y.....	155,134	410	14	+ 16
Washington, D. C.....	147,293	228	7	+ 8
Newark, N. J.....	136,508	10	1½	- 3
Louisville, Ky.....	123,758	867	35	- 18
Detroit, Mich.....	116,340	646	23	- 28
Milwaukee, Wis.....	115,712	997	40	- 8
Providence, R. I.....	104,857	188	5½	- 14
Albany, N. Y.....	90,758	145	3½	- 5
Rochester, N. Y.....	89,366	374	9¾	+ 11
Indianapolis, Ind.....	75,056	825	39	- 16
Richmond, Va.....	63,882	342	11¼	+ 10
Worcester, Mass.....	58,291	190	5	- 13
Kansas City, Mo.....	55,785	1385	48¼	+ 19
Syracuse, N. Y.....	51,792	293	7¼	+ 5
Toledo, Ohio.....	50,137	706	24	- 16
Minneapolis, Minn.....	46,887	1332	55	+ 12
Memphis, Tenn.....	33,592	1244	46¼	0
Mobile, Ala.....	29,132	1230	48	- 8
Des Moines, Iowa.....	22,408	1270	51¼	+ 14
Des Moines, Iowa.....	22,254	1097	43¾	+ 3
Salt Lake City, Utah..	20,768	2471	120	+ 28
Portland, Or.....	17,577	3232	152	+ 20
Leavenworth, Kan....	16,546	1369	62	+ 20



POPULATION OF STATES AND TERRITORIES—1790 AND 1880.

States and Territories.	1790.	1830.	States and Territories.	1790.	1880.
Alabama ..	.....	1,252,794	Missouri....	.....	2,168,804
Arizona...	.....	40,441	Montana...	.....	39,157
Arkansas...	.....	802,564	Nebraska...	.....	452,433
California..	.....	864,686	Nevada....	.....	62,265
Colorado...	.....	194,649	New Hamp.	141,899	346,981
Connecticut	238,141	622,683	New Jersey.	184,139	1,130,983
Dakota .....	.....	135,180	New Mexico	.....	118,430
Delaware...	59,096	146,654	New York...	340,120	5,083,810
D. Columbia	.....	177,638	N. Carolina	393,751	1,400,047
Florida....	.....	267,351	Ohio.....	.....	3,198,239
Georgia....	82,543	1,537,048	Oregon....	.....	174,767
Idaho.....	.....	32,611	Pennsylvan.	434,373	4,282,786
Illinois....	.....	3,078,769	Rhode Is...	69,110	276,528
Indiana....	.....	1,978,362	S. Carolina.	249,078	925,622
Iowa.....	.....	1,624,620	Tennessee..	.....	1,542,463
Kansas....	.....	995,966	Texas.....	.....	1,592,574
Kentucky...	.....	1,648,708	Utah.....	.....	143,906
Louisiana..	.....	940,103	Vermont....	.....	332,266
Maine.....	.....	648,945	Virginia....	748,308	1,512,806
Maryland...	319,728	934,632	Washington	.....	75,120
Massachu'ts	378,717	1,783,012	W. Virginia	.....	618,443
Michigan...	.....	1,636,331	Wisconsin..	.....	1,315,480
Minnesota..	.....	780,806	Wyoming..	.....	20,788
Mississippi.	.....	1,131,592	Total....	3,821,059	50,152,866

GROWTH OF POPULATION.

Population, 1800....	5,305,937.....	Increase....	38.86	per cent.
"	1810....	7,239,814.....	"	35.45
"	1820....	9,638,191.....	"	33.13
"	1830....	12,866,020.....	"	33.49
"	1840....	17,069,453.....	"	32.67
"	1850....	23,191,876.....	"	35.87
"	1860....	31,445,080.....	"	35.59
"	1870....	38,555,983.....	"	22.61
"	1880....	50,152,866.....	"	30.08



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, 2 cents per half ounce or fraction thereof. Postal cards, one cent each. Postal cards are unmailable with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to the message side.

SECOND CLASS.—Only for publishers and news agents.

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

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

Direct your mail matter to a post-office, and if to a city, add the street and number or post-office box of the person addressed. If you are not certain that the place to which you wish to send is a post-office, inquire of the postmaster.

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 \$10, 8 cents; from \$10 to \$15, 10 cents; \$15 to \$30, 15 cents; \$30 to \$40, 20 cents; \$40 to \$50, 25 cents; \$50 to \$60, 30 cents; \$60 to \$70, 35 cents; \$70 to \$80, 40 cents; \$80 to \$100, 45 cents.



FOREIGN POSTAGE.

To all parts of EUROPE, TURKEY, PERSIA, EGYPT, INDIA, JAPAN, BERMUDAS, CUBA, PORTO RICO, MEXICO, HONDURAS, VENEZUELA, BRAZIL, ARGENTINE REPUBLIC, CHILI, PERU, ECUADOR, and NEWFOUNDLAND, for Letters, 5 cents per half ounce, prepayment optional; if not prepaid, a fine is collected on delivery.

International Postal Cards, 2 cents each.

Newspapers, 1 cent for each 2 ounces or fraction thereof.

For other Printed Matter, Circulars, and Samples, 1 cent for each two ounces or fraction thereof—the *minimum* rate for commercial papers being 5 cents, for samples 2 cents, and for printed matter 1 cent on each package.

All matter, except Letters, must be prepaid.

Letters and other packages may be registered on payment of a fee of 10 cents.

TO THE DOMINION OF CANADA, NEW BRUNSWICK, NOVA SCOTIA, &c., Letters, Postal Cards, Printed Matter, Samples, &c., must be prepaid same as U. S. rates, except Samples are 10 cents for any weight within the limit of eight ounces, which must not be exceeded.

MONEY-ORDER FEES.

On Switzerland, the German Empire, the Dominion of Canada, or Newfoundland; the Kingdom of Italy; France or Algeria; New South Wales, Victoria, New Zealand, and the Island of Jamaica:

For sums not exceeding \$10.....	15 cents.
Over \$10 and not exceeding \$20.....	30 cents.
Over \$20 and not exceeding \$30.....	45 cents.
Over \$30 and not exceeding \$40.....	60 cents.
Over \$40 and not exceeding \$50.....	75 cents.

On Great Britain and Ireland,—England, Scotland, Wales, Ireland, and adjacent islands:

For sums not exceeding \$10.....	25 cents.
Over \$10 and not exceeding \$20.....	50 cents.
Over \$20 and not exceeding \$30.....	70 cents.
Over \$30 and not exceeding \$40.....	85 cents.
Over \$40 and not exceeding \$50.....	\$1.00.

No order will be issued for a larger amount than \$50 in United States money.

THE METRIC SYSTEM.

METRIC EQUIVALENTS.

1 inch	=	0.0254 meter, or about 2½ centimeters.
1 foot	=	0.3048 " " 30 "
1 yard	=	0.9144 " " 10-11 of a meter.
1 mile	=	1609 " " 1 6-10 kilometers.
1 U. S. liquid quart	=	{ 0.946 liter } or rather less than 1 liter.
1 U. S. dry quart	=	{ 1.101 " } or rather more than 1 liter.
1 U. S. gallon	=	3.785 " or about 3 8-10 liters.
1 U. S. bushel	=	35.24 " " 4-11 of a hektoliter
1 avoirdupois oz.	=	{ 0.2835 kilo } or rather less than 30 gr.
1 Troy & apoth. oz.	=	{ 0.03110 " } or rather more than 30 gr.
1 avoirdupois lb.	=	0.45359 " or about 5-11 of a kilo.
1 long ton (2240 lbs)	=	1016.05 " " 1 metric ton.

WEIGHTS.

Metric Denominations and Values.	Equiva. in Denominations in use.
Names.	W'gt of what quantity of water at maxim. density.
Ton	= 1,000,000 = 1 cubic meter = 2204.6 lbs.
Kilogram or kilo	= 1,000 = 1 liter or cu. dm. = 2.2046 lbs.
Hektogram	= 100 = 1 deciliter = 3.5274 oz.
Dekagram	= 10 = 1 centiliter = 0.3527 oz.
Gram	= 1 = 1 cub. centimeter = 15.432 grs.
Decigram	= .1 = .1 cub centimeter = 1.5432 grs.
Centigram	= .01 = 10 cub. millimeters = 0.1543 gr.
Milligram	= .001 = 1 cub. millimeter = 0.0154 gr.

MEASURES OF LENGTH.

Kilometer	=	1,000 meters	=	0.62137 m. or 3,280 ft. 10 in.
Hektometer	=	100 meters	=	328 feet and 1 inch.
Dekameter	=	10 meters	=	393.7078 inches.
Meter	=	1 meter	=	39.37 inches.
Decimeter	=	.1 of a meter	=	3.937 inches.
Centimeter	=	.01 of a meter	=	0.3937 inch.
Millimeter	=	.001 of a meter	=	0.0394 inch.

LAND MEASURE.

Hektar	=	10,000 square meters	=	2.471 acres.
Ar	=	100 square meters	=	3.9538 square rods.
Centar	=	1 square meter	=	1.196 square yards.

MEASURES OF CAPACITY.

Names.	No. Liters.	Cu. Meas.	Dry Meas.	U.S. Wine Meas.
Hektoliter	= 100	= 1 c. meter	= 2 bus 3.35 pks	= 25.417 galls.
Dekaliter	= 10	= 10 c. decimet'rs	= 2.08 quarts	= 2.6417 galls.
Liter	= 1	= 1 c. decimeter	= 0.908 quart	= 1.0567 qts.
Deciliter	= .1	= 1 c. decimeter	= 6.1022 cubic in	= 0.845 gill.
Centiliter	= .01	= 10 c. centimet'rs	= 0.6102 cubic in	= 0.338 fluid oz
Milliliter	= .001	= 1 c. centimeter	= 0.061 cubic in	= 0.27 fluid dr.

General Routes from San Francisco.

*To the Principal Towns and Places of Interest on the
Pacific Coast.*

- ALBANY, Oregon.—Railroad to Redding, stage to Grants Pass, railroad to Albany 763 m.; or steamer to Portland, rail or steamer to Albany, 809 m.
- ASHLAND, Oregon.—C. P. & O. D. to Redding, 260 m.; stage, 161 m. Fare, \$33.40.
- ASTORIA, Oregon.—555 m. Steamer every 5 days.
- BIG TREES, Calaveras Co., Cal.—C. P. to Stockton, 91 m.; S. & C. to Milton, 30 m.; stage 47 m. Fare \$11.50.
- BODIE, Cal.—C. P. to Reno, 245 m. V. and T. to Mound House, 41 m.; C. & C. R. R. to Hawthorne, 100 m.; Stage, 40 m. Fare \$30.00.
- BOISE CITY, I. T.—C. P. R. R. to Winnemucca, 414 m.; stage, 273 m.
- CALISTOGA, Cal.—78 m. Cal. Pac. R. R.
- CARSON, Nev.—C. P. R. R. to Reno, 245 m.; V. & T. railroad, 31 m. Fare, \$14.05.
- CHICO, Cal.—C. P. & O. D., 186 m. Fare, \$6.85.
- CLOVERDALE, Cal.—S. F. & N. P., 84 m. Fare, \$4.25.
- COLFAX, Cal.—C. P., 144 m. Fare, \$5.65.
- COLUSA, Cal.—C. F. & N. to Williams, 122 m.; stage, 10 m. Fare, \$5.70.
- CORVALLIS, Oregon.—Steamer to Portland, 730 m.; O. & C. to Albany, 81 m.; stage 10 m.; fare, \$25; or River Steamer from Portland, 85 m.; fare, \$21.50.
- DALLAS, Oregon.—Steamer to Portland, 730 m. & O. C. to St. Joseph, 48 miles; stage 30 miles; fare, \$27.00
- THE DALLES, Oregon.—Steamer to Portland, 730 m.; and River Steamer, 115 miles.
- DAYTON, Oregon.—Steamer to Portland, 730 m.; O. C. to St. Joseph, 48 miles; stage, 5 miles.
- DIXON, Cal.—Cal. P. 68 m. Fare, \$2.45.
- EUREKA, Cal.—Steamer to Humboldt Bay, Fare, \$10.00; or S. F. & N. P. to Cloverdale, 84 m.; stage 210 m.; Fare, \$25.00.

EUGENE CITY, Oregon.—Railroad to Redding, stage to Glendale, rail to Eugene City; or steamer to Portland, 730 m.; O. & C. or River Steamer, 124 m.

EUREKA, Nev.—C. P. to Palisade, 526 m. E. & P., 90 m. Fare, \$41.05.

FOREST GROVE, Oregon.—Steamer, to Portland, 700 m.; O. C., 25 m. Fare, \$21.50.

GEYSERS, Cal.—Cal. Pac. to Calistoga, 73 m.; stage 27 m.; or S. F. & N. P. to Cloverdale, 90 m.; stage 15 m.

GILROY, Cal.—S. P., 80.3 m. Fare, \$3.00.

GOOREN, —C. P. & V. D., 241 m.

GRASS VALLEY, Cal.—C. P. to Colfax, 144 m. N. C., 16 $\frac{1}{2}$ m. Fare, \$7.40.

HEALDSBURG, Cal.—S. F. & N. P., 72 m. Fare, \$3.00.

IDAHO CITY, I. T.—414 m. C. P. R. R. to Winnemucca, stage to Idaho City, via Boise, 309 m. Fare, \$81.80.

INDEPENDENCE, Oregon.—Steamer to Portland, 730 m.; O. & C. 48 m.; stage, 39 m. Fare, \$29.00.

JUNCTION CITY, Oregon.—Steamer to Portland, 730 m.; O. & C., 110 m. Fare, \$25.50.

LA GRANDE, Oregon.—Steamer to Portland, 730 m.; Steamer to Umatilla, 225 m.; stage, 85 m.

LAKE TAHOE.—C. P. R. R. to Truckee, 210 m.; Cal., stage to Tahoe, 12 m. Fare, \$12.00.

LEWISTON, I. T.—Steamer to Portland, 730 m.; River Steamer, in summer 450 m.; fare, \$52. or by Oregon Railway and Navigation Co. to Walla Walla, 270 m.; stage, 130 m.; fare, \$62.

LOS ANGELES, CAL.—C. P. and S. P. 471 m.; or P. C. steamer to Wilmington, 389 m.; S. P. 22 m.

MARYSVILLE, Cal.—142 m. C. P., O. D. via Sacramento. Fare, \$5.10.

MONTEREY, Cal.—85 m. by steamer; or via S. P. R. R. 125 m.

NAPA CITY, Cal.—41 m. Cal. P. Fare, \$1.60.

NEVADA, Cal.—C. P. R. R. to Colfax, 144 m.; N. C. 22 m. Fare \$7.90.

- OLYMPIA, W. T.—Steamer, 940 m.
- PENDLETON, Oregon.—Steamer to Portland, 730 m.;
Steamer to Umatilla, 225 m.; stage, 50 miles.
- PORTLAND, Oregon.—Railroad to Redding, stage to Glendale, rail to Portland, 785 m.; or steamer, 730 m.
- RENO, Nev.—C. P., 294 m. Fare, \$12.05.
- ROSEBURG, Oregon.—Rail to Redding, stage to Glendale 584 m.; rail to Roseburg or steamer to Portland and rail to Roseburg, 197 m.
- SACRAMENTO, Cal.—Via Benecia, 90 m.; via River, 120 m.
- SALEM, Oregon.—Steamer to Portland, 730 m. Rail to Salem, 53 m. Fare, \$22.75.
- SALINAS, Cal.—S. P., 118 m. Fare, \$3.80.
- SALT LAKE CITY, U. T.—C. P. to Ogden, 833 m. U. C. R. R. rail to Salt Lake City, 36½ m.!
- SAN DIEGO, Cal.—480 m. Steamer.
- SAN JOSE, Cal.—48 m. C. P. R. R. or 50 m. S. P. R. R. or S. P. C. R. R., 46 m.
- SAN LUIS OBISPO, Cal.—S. P. R. R. to Soledad, 143 m.; stage, 114 m.; or steamer to Port Harford, 199 m.; rail, 11 m.
- SAN MATEO, Cal.—21 m. S. P. R. R.
- SANTA BARBARA, Cal.—288 m. by Steamer; or rail to Newhall, 488 m.; stage 73 m., or stage from Los Angeles.
- SANTA CLARA, Cal.—S. P., 47 m.; or S. P. C. R. R., 44 m.
- SANTA CRUZ, Cal.—S. P. C., 80 m.; or S. P., 121 m.; or P. C. Steamer, 70 m.
- STOCKTON, Cal.—92 m., via C. P. or river steamer.
- UMATILLA, Oregon.—Steamer to Portland, 730 m.; River Steamer, 225 m.
- VALLEJO, Cal.—Cal. P. & Steamer, 27 m. Fare, \$1.00.
- VIRGINIA CITY, Nev.—C. P. to Reno, 245 m.; V. & T. 52 m. Fare, \$15.00.
- WALNUT CREEK, Cal.—C. P. Ferry to Oakland, 8 m.; stage, 17 m.
- YOSEMITE, Cal.—C. P & V. D. to Merced, 140 m.; stage, via Coulterville (northn side), 88 m.; or via Mariposa (southern side), 100 m.; or C. P. & V. D. to Madera, 185 m.; stage, via Calaveras Big Trees, 147 m.

DISTANCES

FROM

Portland, Oregon to Corvallis by Western Oregon Railroad.

Portland	0	Carlton.....	43
Fourth St. Bridge.....	2	St. Joseph.....	47
Summit.....	6	McMinnville	50
Beaverton.....	12	Crossing W. V. R. R.....	54
Reedville.....	16	Amity.....	57
Newton.....	19	McCoy.....	62
Hillsboro.....	21	Derry	70
Cornelius.....	24	Independence.....	76
Forest Grove.....	26	Parker.....	81
Dilley's.....	28	Soap Creek.....	83
Gaston.....	32	Wells.....	86
Wapato.....	34	Corvallis.....	97
North Yamhill	40		

DISTANCES

FROM

Kalama to Tacoma by Northern Pacific Railroad.

Kalama.....	0	Napavine.....	43.2
Carroll's.....	4.5	Newaukum.....	47.9
Monticello.....	8	Chehalis.....	50.3
Wallace's.....	9.7	Centreville.....	54.2
Cowlitz.....	10.9	Shookum Chuck.....	59.7
Castle Rock..	19.8	Tenino.....	66
Olequa.....	28	Yelm Prairie.....	79.6
Little Falls.....	30.7	Lake View.....	96.3
Winlock.....	36.8	Tacoma.....	105

SAN FRANCISCO FIRE ALARM SIGNAL

Box. BOXES.

- 2—S. W. cor. Mason and Lombard
- 3—S. E. cor. Stockton and Green'h
- 4—N. W. cor. Sansome and Green'h
- 5—N. E. cor. Battery and Union
- 6—S. E. cor. Montg'y and Green
- 7—S. E. cor. Kearney and Union
- 8—S. W. cor. Powell and Union
- 9—N. E. cor. Dupont and Vallejo
- 12—S. W. cor. California and Kearney
- 13—S. W. cor. Front and Broadway
- 14—S. W. cor. Stockton and Broad'y
- 15—S. W. cor. Clay and East
- 16—N. W. cor. Mason and Pacific
- 17—N. E. cor. Pacific and Kearney
- 18—N. E. cor. Sansome and Jackson
- 19—N. E. cor. Davis and Wash'n
- 21—S. E. cor. Clay and Kearney
- 23—S. E. cor. Clay and Taylor
- 24—S. E. cor. Clay and Powell
- 25—N. W. cor. Wash'n and Dupont
- 26—S. E. cor. Clay and Battery
- 27—N. W. cor. Montg'y and Comm'l
- 28—N. W. cor. Pine and Dupont.
- 29—N. W. cor. Stockton and Cala.
- 31—N. W. cor. Sansome and Halleck
- 32—N. E. cor. Califor'a and Drumm
- 34—S. W. cor. Mission and Steuart
- 35—S. E. cor. Montg'y and Pine
- 36—N. W. cor. Folsom and Steuart
- 37—N. E. cor. Battery and Bush
- 38—S. W. cor. Market and Second

- 39—S.E. cor. Howard and Spear
 41—N.W. cor. Sutton and Jones
 42—S.E. cor. Geary and Mason
 43—O'Farrell near Dupont
 45—S.E. cor. O'Farrell and Jones
 46—N.W. cor. Sutter and Kearney
 47—S.W. cor. Eddy and Powell
 48—S.W. cor. Geary and Powell
 49—N.W. cor. Stockton and Sutter
 51—N.W. cor. Folsom and Beale
 52—S.W. cor. Mission and Fremont
 53—King, east of Third
 54—Eng. No. 4, Second near How'd
 56—South side Bryant, west of First
 57—N.W. cor. Brannan and Second
 58—N.W. cor. Folsom and First
 59—P.M.S.S. Co.'s wh'f foot. of First
 61—S.W. cor. Howard and Third
 62—S.W. cor. Mission and Fourth
 63—N.W. cor. Harrison and Fourth
 64—S.W. cor. Howard and Fifth
 65—S.W. cor. Mission and Sixth
 67—N.E. cor. Harrison and Hawth'e
 68—N.W. cor. Brannan and Fourth
 69—N.W. cor. Bryant and Third
 71—S.W. cor. Mission and Eleventh
 72—S.E. cor. Mission and Thirteenth
 73—S.E. cor. Howard and Eighth
 74—Engine No. 7, Sixteenth Street
 75—N.W. cor. Jones and McAllister
 76—S.W. cor. Market and Hayes
 78—N.E. cor. Folsom and Ninth
 79—S.E. cor. Folsom and Twelfth
 81—S.W. cor. Franklin and Hayes

- 82—N. E. cor. Fulton and Gough
83—N. E. cor. Octavia and Oak
84—Valencia and Market
85—S. E. cor. Laguna and Hayes
86—S. W. cor. Oak and Van Ness Av
87—S. E. cor. Haight and Webster
91—N. E. cor. Hyde and Turk
92—S. E. cor. Franklin and Turk
93—N. E. cor. Jones and Turk
94—S. E. cor. Polk and Ellis
95—N. W. cor. Taylor and Golden G't Av
96—S. W. cor. Ellis and Taylor
97—S. E. cor. McAllister Opera
123—S. W. cor. Hyde and Union
124—Woolen Mills, Black Point
125—N. W. cor. Filbert and Jones
126—S. E. cor. Hyde and Wash'n
127—S. E. cor. Broadway and Polk
128—S. E. cor. Clay and Leavenw'th
129—N. W. cor. Pacific and Leaven'th
132—S. W. cor. Pine and Mason
134—S. E. cor. Bush and Hyde
135—S. E. cor. Bush and Polk
136—S. E. cor. Post and Van Ness Av
137—S. W. cor. Post and Larkin
138—S. W. cor. California and Larkin
139—S. E. cor. O'Farrell and Hyde
142—N. E. cor. Valencia and 20th
143—N. E. cor. Mission and 22d
145—N. W. cor. Folsom and 22d
146—N. E. cor. Folsom and 16th
147—N. E. cor. Howard and 20th
148—N. E. cor. Mission and 16th
149—N. E. cor. Folsom and 18th

- 152—N. W. cor. Brannan and 8th
153—N. W. cor. Harrison and 7th
154—N. W. cor. Bryant and Sixth
156—N. E. cor. Fourth and Berry
157—N. W. cor. Fourth and Folsom
158—N. W. cor. Folsom and Fifth
159—N. W. cor. Folsom and 6th
162—S. E. cor. Pacific and Franklin
163—S. E. cor. Sacra'to and Franklin
164—S. E. cor. Clay and Polk
172—S. E. cor. McAllister and Buch'n
173—S. W. cor. Ellis and Buchanan
174—N. E. cor. Turk and Fillmore
175—N. E. cor. Webster and Grove
176—N. W. cor. Post and Octavia
178—N. W. cor. Buch'n and Geary
182—N. E. cor. 6th and Townsend
183—S. E. cor. Mission and 8th
192—N. E. cor. California and Front
193—N. W. cor. Hyde and Chestnut.
194—N. W. cor. Stockton and Fran'co
213—S. W. cor. Bush and Buchanan
214—S. E. cor. Bush and Steiner
215—S. W. cor. Wash'n and Webster
216—S. E. cor. Sacra'to and Fillmore
217—S. E. cor. Bush and Devisadero
218—N. E. cor. Post and Fillmore
219—S. E. cor. Filbert and Fillmore
231—N. W. cor. Howard and 24th
234—N. W. cor. Harrison and 24th
235—S. W. cor. 22d and Potrero Av
236—N. E. cor. Mission and 26th
237—S. W. cor. Dolores and 22d
238—Potrero Av. and Santa Clara

- 239—N. W. cor. Butte and Columbia
241—S. E. cor. Gough and Bush
243—N. W. cor. Clay and Scott
245—S. W. cor. Geary and Steiner
246—S. E. cor. Geary and Devisadero
247—N. W. cor. Turk and Scott
248—N. E. cor. Devisadero and Fult'n
251—N. E. cor. Broadway and Octavia
253—N. E. cor. Union and Laguna
254—N. E. cor. Union and Pierce
256—S. E. cor. Fillmore and Pacific
261—S. W. cor. Stevenson and Ecker
263—N. E. cor. Main and Bryant
264—N. E. cor. Cal. and Front
271—S. W. cor. 17th and Church
273—18 th, east of Castro
274—N. W. cor. 24th and Guerrero
275—N. E. cor. 24th and Church
276—S. W. cor. Valencia and 18th
281—San Bruno Road and 28th
283—N. W. cor. 28th and Church
284—N. W. cor. 29th and Mission
291—S. W. cor. Jones and Vallejo
312—N. E. cor. Jackson and Laguna
314—S. E. cor. California and Laguna
321—S. E. cor. Pierce and Califor'a
324—S. E. cor. Sac'to and Broderick
325—S. E. cor. Cal'a and Central Av
326—S. E. cor. Sutter and Baker
341—S. W. cor. Ellis and Pierce
351—N. W. cor. Montg'y and Broad'y
352—North Point of Sea Wall
361—S. E. cor. Ridley and Guerrero
362—N. W. cor. Noe and 15th
371—N. E. cor. Sutler and Mason

HACK FARES IN SAN FRANCISCO.

Order No. 697 of the Board of Supervisors of the City and County of San Francisco.

RATES OF FARE.

For a Hackney Carriage, drawn by more than one horse, for one person, not exceeding one mile..	\$1 50
For more than one person, not exceeding one mile.	2 50
For each additional mile, each passenger.....	50
For four or less persons, when engaged by the hour, to be computed for the time occupied in going and returning, including detention, for the first hour,	3 00
For each subsequent hour so used,.....	2 00
For a Hackney Carriage drawn by one horse, for one person, not exceeding one mile,.....	1 00
For more than one person, not exceeding one mile,	1 50
For each passenger, for each additional mile,.....	25
For two persons, when engaged by the hour, to be computed for the time occupied in going and returning, including detention, for the first hour,.....	1 50
For each subsequent hour,.....	1 00

No extra charge to any passenger for the ordinary amount of baggage.

SECS. 8 AND 9, OF ORDER 697.—“ From the landing of any Steamboat to any point east of the west line of Larkin Street, and north of the south line of Brannan Street, east of Third Street, shall in all cases be estimated not to exceed one mile.”

The penalty for the violation of any of the provisions of the above Order shall not be less than five dollars, and not more than twenty dollars, or by imprisonment not less than two days nor more than ten days.

NOTE.—The tables of Tides for San Francisco are obtained from the United States Coast Survey. These Tides are extremely irregular, both as regards interval and height.

The two Tides may occur either during the same morning or during the same afternoon. The hours between midnight and noon are designated by a (A. M.); those between noon and midnight by p (P. M.); 0 h., 00 m. a. denotes midnight; 0 h., 00 m. p., denotes noon. The large Tide is distinguished by the letter L., and the asterisk (*), denotes that both Tides are of the same height.

HIGH WATER AT SAN FRANCISCO.

JANUARY.

D	First.	Second	D	First.	Second
1	1 04 a	11 23al	17	1 31	11 58al
2	1 55	0 12p.	18	2 01	0 35pl
3	2 28	1 02 l	19	2 28	1 21 l
4	3 05	1 54 l	20	2 54 l	2 14
5	3 38 l	2 56	21	3 20 l	3 17
6	4 16 l	4 05	22	3 52 l	4 29
7	4 55 l	5 14	23	4 39 l	5 43
8	5 43 l	6 30	24	5 36 l	7 02
9	6 34 l	7 44	25	6 37 l	8 25
10	7 26 l	8 54	26	7 36 l	9 44
11	8 11 l	9 58	27	8 34 l	10 57
12	8 50 l	10 57	28	9 28 l	11 57 P
13	9 31 l	11 44 P	29	10 20	
14	10 11		30	0 44	11 12al
15	0 24	10 47al	31	1 19 a	0 02pl
16	0 57	11 22al			

FEBRUARY.

D	First.	Second	D	First.	Second
1	1 52 a	0 45pl	16	1 20	0 26 P
2	2 19 l	1 38	17	1 44 l	1 10
3	2 47 l	2 40	18	2 08 l	2 05
4	3 17 l	3 49	19	2 36 l	3 11
5	3 55 l	5 01	20	3 13 l	4 25
6	4 42 l	6 15	21	3 59 l	5 46
7	5 36 l	7 23	22	4 56 l	7 08
8	6 31 l	8 29	23	6 01 l	8 26
9	7 23 l	9 33	24	7 09 l	9 41
10	8 12 l	10 33	25	8 13 l	10 46
11	8 56 l	11 19	26	9 15 l	11 34 P
12	9 39 l	11 56 P	27	10 12	
13	10 21		28	0 07 a	11 03al
14	0 27	11 03al			
15	0 54	11 44al			

MARCH.

D	First.	Second	D	First.	Second
1	0 40 a	11 53al	17	0 33 l	0 24 P
2	1 05 l	0 42 P	18	0 58 l	1 15
3	1 31 l	1 33	19	1 24 l	2 15
4	1 58 l	2 30	20	1 57 l	3 21
5	2 30 l	3 31	21	2 37 l	4 35
6	3 05 l	4 37	22	3 28 l	5 50
7	3 47 l	5 46	23	4 31 l	7 05
8	4 38 l	6 58	24	5 40 l	8 18
9	5 37 l	8 05	25	6 50 l	9 22
10	6 34 l	9 04	26	7 58 l	10 15
11	7 30 l	9 55	27	9 04 l	10 56
12	8 22 l	10 39	28	10 02	11 27
13	9 12 l	11 11	29	10 55	11 55 l
14	10 00 l	11 39 P	30	11 47	
15	10 47		31	0 19al	0 36 P
16	0 05 l	11 35 a			

APRIL.

D	First.	Second	D	First.	Second
1	0 43al	1 30 P	17	0 51 l	2 26
2	1 11 l	2 35	18	1 27 l	3 31
3	1 41 l	3 24	19	2 13 l	4 37
4	2 18 l	4 24	20	3 09 l	5 43
5	3 04 l	5 24	21	4 14 l	6 48
6	3 54 l	6 23	22	5 25 l	7 49
7	4 49 l	7 19	23	6 37 l	8 43
8	5 46 l	8 13	24	7 47	9 31
9	6 45 l	9 01	25	8 53	10 10 l
10	7 44 l	9 45	26	9 56	10 43 l
11	8 45	10 22	27	10 54	11 12 l
12	9 43	10 52 l	28	11 48	11 39 l
13	10 38	11 21 l	29		0 39
14	11 32	11 49 l	30	0 05al	1 31 P
15		0 27			
16	0 18 l	1 25			

MAY.

D	First.	Second	D	First.	Second
1	0 31al	2 21 P	17	0 59 l	3 31
2	1 02 l	3 10	18	1 53 l	4 24
3	1 40 l	3 59	19	2 51 l	5 19
4	2 21 l	4 50	20	3 57 l	6 14
5	3 11 l	5 39	21	5 09 l	7 06
6	4 07 l	6 26	22	6 25	7 54 l
7	5 06 l	7 11	23	7 39	8 40 l
8	6 08 l	7 56	24	8 50	9 21 l
9	7 12	8 39 l	25	9 55	9 59 l
10	8 17	9 21 l	26	10 54	10 30 l
11	9 22	10 05 l	27	11 51 a	11 01 l
12	10 28	10 40 l	28	0 43 P	11 28 l
13	11 33 a	11 14 l	29		1 29
14	0 34 P	11 44 l	30	0 00al	2 13
15		1 35	31	0 32al	2 52 P
16	0 37al	2 33			

JUNE.

D	First.	Second	D	First.	Second
1	1 08al	3 31 P	17	2 38 l	4 38
2	1 49 l	4 08	18	3 50 l	5 23
3	2 36 l	4 47	19	5 03	6 15 l
4	3 31 l	5 29	20	6 16	7 08 l
5	4 31 l	6 12	21	7 28	7 55 l
6	5 40	6 55 l	22	8 39	8 37 l
7	6 50	7 40 l	23	9 48	9 17 l
8	8 04	8 28 l	24	10 54	9 50 l
9	9 18	9 16 l	25	11 51 a	10 23 l
10	10 30	9 59 l	26	0 39 P	10 57 l
11	11 36 a	10 41 l	27	1 17 P	11 32 l
12	0 38 P	11 22 l	28		1 49
13	1 37 P	11 58 l	29	0 06al	2 20
14		2 27	30	0 43al	2 51 P
15	0 44al	3 15			
16	1 39 l	3 58			

HIGH WATER AT SAN FRANCISCO.

JULY.

D	First.	Second	D	First.	Second
1	1 25al	3 21 P	17	3 41	4 29 1
2	2 16 1	3 53	18	4 55	5 18 1
3	3 13	4 33 1	19	6 07	6 12 1
4	4 16	5 16 1	20	7 19	7 06 1
5	5 22	6 01 1	21	8 34	7 55 1
6	6 32	6 48 1	22	9 40	8 41 1
7	7 50	7 38 1	23	10 41	9 18 1
8	9 08	8 32 1	24	11 33 a	9 54 1
9	10 30	9 26 1	25	0 14 P	10 31 1
10	11 42 a	10 16 1	26	0 45 P	11 09 1
11	0 39 P	11 04 1	27	1 17 P	11 45 1
12	1 26 P	11 48 1	28	.	1 45
13	.	2 07	29	0 23al	2 13
14	0 32al	2 46	30	1 05 1	2 39
15	1 25 1	3 17	31	1 54 a	3 03pl
16	2 30	3 51 1			

AUGUST.

b	First.	Second	D	First.	Second
1	2 52 a	3 31pl	17	5 54	5 17 1
2	4 01	4 11 1	18	7 11	6 12 1
3	5 15	5 02 1	19	8 23	7 06 1
4	6 32	6 04 1	20	9 27	7 57 1
5	7 52	7 06 1	21	10 21	8 43 1
6	9 13	8 05 1	22	11 06	9 27 1
7	10 28	9 02 1	23	11 38 a	10 09 1
8	11 32 a	9 58 1	24	0 08P	10 50 1
9	0 18 P	10 49 1	25	0 35P	11 29 1
10	0 56 P	11 37 1	26	.	1 01
11	.	1 30	27	0 10 a	1 26 1
12	0 23al	2 02	28	0 54	1 52 1
13	1 16	2 32 1	29	1 45	2 21 1
14	2 17	3 01 1	30	2 47	2 51 1
15	3 23	3 35 1	31	3 59 a	3 34pl
16	4 35	4 22 1			

SEPTEMBER.

D	First.	Second	D	First.	Second
1	5 15 a	4 27pl	17	7 51	6 21 1
2	6 35	5 29 1	18	8 48	7 17 1
3	7 56	6 38 1	19	9 39	8 11 1
4	9 11	7 43 1	20	10 23	9 01 1
5	10 15	8 47 1	21	10 56	9 47 1
6	11 09	9 44 1	22	11 22	10 32 1
7	11 45 a	10 37 1	23	11 46 1	11 18
8	0 16 P	11 29 1	24	.	0 12
9	.	0 42	25	0 04	0 37 1
10	0 19 a	1 12 1	26	0 56	1 03 1
11	1 09	1 41 1	27	1 53	1 33 1
12	2 08	2 15 1	28	2 55	2 11 1
13	3 13	2 50 1	29	4 06	3 00 1
14	4 24	3 35 1	30	5 21 a	4 01pl
15	5 35	4 26 1			
16	6 45	5 23 1			

OCTOBER.

D	First.	Second	D	First.	Second
1	6 35 a	5 07pl	17	7 48	6 31 1
2	7 45	6 17 1	18	8 45	7 30 1
3	8 48	7 25 1	19	9 26	8 30 1
4	9 45	8 31 1	20	10 02 1	9 29
5	10 32	9 34 1	21	10 35 1	10 24
6	11 09	10 32	22	11 03 1	11 16 P
7	11 39 1	11 25	23	11 28	.
8	.	0 10	24	0 08	11 56al
9	0 17	0 29 1	25	1 04	0 26pl
10	1 11	0 50 1	26	2 02	1 03 1
11	2 08	1 25 1	27	3 04	1 46 1
12	3 05	2 06 1	28	4 07	2 40 1
13	4 07	2 54 1	29	5 11	3 43 1
14	5 09	3 45 1	30	6 15	4 53 1
15	6 09	4 39 1	31	7 19 a	6 04pl
16	7 06	5 33 1			

NOVEMBER.

D	First.	Second	D	First.	Second
1	8 15 a	7 15pl	17	8 20 1	8 03
2	9 05	8 24	18	9 01 1	9 06
3	9 45 1	9 31	19	9 42 1	10 07
4	10 20 1	10 33	20	10 19 1	11 10 P
5	10 50 1	11 31 P	21	10 52	.
6	11 17	.	22	0 10	11 24al
7	0 26	11 47al	23	1 12	11 56al
8	1 20	0 18pl	24	2 11	0 34pl
9	2 10	0 50 1	25	3 05	1 25 1
10	2 59	1 30 1	26	3 57	2 23 1
11	3 48	2 09 1	27	4 50	3 29 1
12	4 36	2 55 1	28	5 42	4 39 1
13	5 24	3 51 1	29	6 35	5 52
14	6 11	4 53 1	30	7 25al	7 03 P
15	6 54	5 55 1			
16	7 38	6 59			

DECEMBER.

D	First.	Second	D	First.	Second
1	8 12al	8 17 P	17	8 08 1	8 55
2	8 58 1	9 28	18	8 54 1	10 08
3	9 39 1	10 34	19	9 35 1	11 13 P
4	10 16 1	11 34 P	20	10 16	.
5	10 48	.	21	0 14	10 58al
6	0 28	11 16al	22	1 13	11 40al
7	1 16	11 43al	23	2 05	0 24pl
8	1 59	0 15pl	24	2 51	1 15 1
9	2 40	0 35 1	25	3 32	2 11 1
10	3 19	1 16 1	26	4 08	3 17 1
11	3 53	2 03 1	27	4 52 1	4 30
12	4 30	2 57 1	28	5 43 1	5 47
13	5 10	4 10 1	29	6 36 1	7 04
14	5 50 1	5 20	30	7 28 1	8 20
15	6 36 1	6 28	31	8 14al	9 32 P
16	7 23 1	7 42			

JANUARY, THURSDAY 1. 1885.

JANUARY, FRIDAY 21, 1885.

1885.

JANUARY, SATURDAY 3. 1885.

JANUARY, · SUNDAY 4. 1885.

1885.

JANUARY,

MONDAY 5.

1885.

JANUARY,

TUESDAY 6.

1885.

JANUARY, WEDNESDAY 7.

1885.

JANUARY, THURSDAY 8. 1885.

JANUARY,

FRIDAY 9.

1885.

JANUARY, SATURDAY 10. 1885.

JANUARY,

SUNDAY 11.

1885.

JANUARY,

MONDAY 12.

1885.

JANUARY,

1885.

JANUARY, TUESDAY 13. 1885.

JANUARY, WEDNESDAY 14. 1885.

JANUARY,

JANUARY, THURSDAY 15. 1885.

JANUARY, 1885. FRIDAY 16. YEAR 1885.

1885.

JANUARY, SATURDAY 17. 1885.

JANUARY,

SUNDAY 18.

1885.

JANUARY,

MONDAY 19.

1885.

JANUARY, TUESDAY 20. 1885.

885.
JANUARY, WEDNESDAY 21. 1885.

Wk. Lem. raking brush
You started in the
the nursery
to the chinaman raking
in brush -
the other grubbing
"Sister" 500

Mr. H. S. Heblitzell
called - & will be here
tomorrow.

JANUARY, THURSDAY 22. 1885.

[Faint, illegible handwriting in pencil or light ink, possibly bleed-through from the reverse side of the page.]

[Faint handwriting visible on the adjacent page to the right.]

JANUARY, FRIDAY 23,

1885.

Ah Lem raking brush
 " You at work in Ol-
 we nursery
 1 other Chenaman raking
 brush -
 + the Sothe grubbing
 " Sister" 500

Mr. H. S. Habitzell,
 called - + will be here
 tomorrow -

JANUARY, SATURDAY 24.

1885.

H. S. Hobblettell - Special Agt
Hartford Ins. Co. here and
went through all of our desks

At Lem crastling 20
acres orchard -

At you hoeing olive
nursery - + in P.M.
burying brush -

2 other chincaman eat-
ting brush -

Sister

2.00

1885.

JANUARY,

SUNDAY 25.

1885.

At home till ev. when
 Rusti and I rode to Mrs.
 Swynson and staid till
 8 o'clock -

[Faint, mostly illegible handwriting, possibly bleed-through from the reverse side of the page.]

Wind blows from the
 East tonight quite hard
 warm & a. but
 sounds like a din -

JANUARY, MONDAY 26.

1885.

My 54th birth day - so
have completed 153 years

At Lem "crusking" in or-
chard -

"You burning brush
2 other chmomen grub-
bing S. of orchard -

Rode to Sandeys in
Am. Mr. Davis with
me - Met W. S. Hobblezell
(Special Agt. of
Hartford Fire Ins Co.)
and went over all of our
Sandeys City risks -

JANUARY,

TUESDAY 27.

1885.

At the orchard in AM
and in Sand Diego in PM
and carried
3 Olive trees + 2 for J H Logan
1 Keg Olives } Santa Cruz
and delivered them
at Steamship office

Oil can .25

At home crushing in
orchard -
1. You burning brush
2. Other Chinaman
grubbing south of
orchard -

Wind blows from the
East tonight quite hard
warm + dry - but
sounds like rain -

JANUARY, WEDNESDAY 28.

1885.

Geo. A. Rice of Los Angeles
here - Also a
Mr. Gardner & F. M.
Eldsworth - to look at
land - Also one of the
members of Colony Oliver-
bain - all here at length

Planting potatoes on
the side of apple orchard

At Lem's crushing or-
chard and planting
potatoes

At You helping Lem &
burning brush -

2 other burnings cut-
ting brush -

Vegetables .75

JANUARY, THURSDAY 29.

1885.

At Lem at work on
County road with
my team -

At You and two other
Chm men on bush
south of Orchard

At You buying bush

JANUARY,

FRIDAY 30.

1885.

At home plowed a little
piece in rear of barn
and then went to plow

U. C. Scotts 10 acres

At noon + one other Chi
naman 1/2 day pulling
weeds on

U. C. Scotts place

At noon + the other two
Chinamen at the truck
in AM, and one in PM

I trimmed some olive
trees.

JANUARY,

SATURDAY 31.

1885.

Worked on the highway
south of apple orchard -
also

Two Chinamen who are
cutting brush -

Ah Lem - plowing on

G. B. Scott & V

man + team 4.00

1 man piling woods 1.50

(Ah you " " "

Sister called to Mrs.
Frost's Reeds - at 2 AM
- and a baby was born

Reed of S. F. Todd 10.00
in full for 1300 bush

FEBRUARY, SUNDAY 1.

1885.

W. C. K. with me at East
end of ranch - when we
went to see our land -
On the way home called
at Mr. H. E. Coopers &
had lunch -

Mrs Frank Ruds baby
died this morning &
was buried this P.M.

Paid the Two China-
men who are cutting
brush - 20.00
by endorsing Louis
Dunphy's Check on
Con^{al} Bank S.D.

5.00

1885.
FEBRUARY, MONDAY 21. JANU 1885.

At Lem plowing on

G. C. Scott Dr

Man + team 4.00

1 man burying weeds 1.50

(Ah you,
Two other Chmamm
working out their taxes

Rode out with Dr. In-
nor - to see Dr. J. Co-land
in A.M. and in P.M.
rode up to see the own-
er of the band of sheep
which we have pastured
several months - and
he will come down and
settle on Thursday -

Recd. of S. F. Todd 13.00
in full for 1300 brock -

FEBRUARY, TUESDAY 3. 1885.

At Lem Plowing
G. B. Scott Dr

Man & team 4.00

3 Chinamen 4.50

(As you & two new)
Chinamen

Two Chinamen cutting brush

1 Sister \$7.50

1885. FEBRUARY, WEDNESDAY 4. 1885.

Rode out to see land
with Mr. Gardner. till
9 1/2 AM.

Then in town of San Diego
and arranged with 1st
National Bank to hold
J. A. Fairchild's note till
he could receive a letter
from - Judge Luce -

400
450
50
Ah. Lem plowing in

G. B. Scott Dr

Man + team 4.00

3 men 4.50

40
Ah you & the two other
Chinamen

Two men Chinamen
cutting brush -

At Grang - and was of
pointed on E. corner
of Citrus Farm -

Reed of J. H. Dodd 2.50
of Mr Titus 10.25

FEBRUARY, THURSDAY 5. 1885.

At Lem plowing

Geo C. Scott NY

30 man + team	400
" 1 man burning brush	150
" new man	50
	<hr/>
	550

At you and one of
the "brush" Chinaman
cutting weeds around
dovies + apples -

1 "brush" Chinaman at
at work cutting chollas
1 new Chinaman sick

Cut about 800 olive
cutting in AM -

Emma J Howard BV

By Chalk	10800
----------	-------

" 1 han cutter	9'
	<hr/>
	11700

At 13 m brick	<hr/>
	11700

Blod a little this
Pm - so yjit - and
laid down -

1885.

FEBRUARY, FRIDAY 6. 2 1885.

At Lem hawking

H. C. Scott Dr

To man & team 2.00

" 1 " burning brush
and collecting the
olintus - 1.50

5.50

At you at work here
at home - in garden
mowing lawn - and
washing olives -

1 New Chmaman with
At Lem " "
And the two brush Chi-
namm, cutting weeds
around apple trees.

Deposited in bank 108⁰⁰

Bought draft for 148⁰⁰
and sent it to Los

Angeles to Insurance
Office - received for Pre-
miums -

FEBRUARY, SATURDAY 7. 1885.

At Lem. cultivating
in orchard -

At you - mowing lawn
at home -

4 other chinamen hoe-
ing around trees
in 20 acre orchard

Have had a trouble-
some tooth all day
and am miserable
tonight -

1885.

FEBRUARY, SUNDAY 8. 1885.

Paid 2 Bush Amaran
in cash 20.00

At Church with A. W. H.

L. W. Kimball arrived
from Oakland this
morning by steamer
and sister went into
San Diego and brought
him out -

Contribution 25-

FEBRUARY, MONDAY 9. 1885.

We went at work in
our apple orchard
also 4 other Chinamen
cutting weeds
in your mowing lawn

I went down to G.B.
Scott's place - in A.M.
brought up about 500
little olive cuttings
which W.C.K. took
away -

1885.
FEBRUARY, || TUESDAY 10/ || 1885.

Before the Board of
Supervisors asked for an
appropriation to build
Paradise Valley road
but found there was no
money in General Road
Fund - so lost it -

At home plowing on
County road - $\frac{1}{2}$ day -
At home mow-
ing lawn -

Two new Chinamen at
work on their road
tax

1 Brush Chinaman work-
ing on road also

1 Brush Chinaman cut-
ting weeds in orchard

O. S. Chapin & Co.
27 Olive St. -

FEBRUARY, WEDNESDAY 11. YHAU 1885.

Oh. Lem raking brush

Oh you at work at home

From other Chinaman
at work on road -

The two "brush" China-
men at work on Lem's
tax -

1885.

FEBRUARY, THURSDAY 12. 1885.

Ah Lem not at work
 Ah You " " "
 only drew a load
 of wood for kindlings

(Faint, mirrored handwriting, likely bleed-through from the reverse side of the page)

FEBRUARY, FRIDAY 13. 1885.

Recd. note of Fred Copeland
on surrendered old note
amount of new note 571.73
Paid discount 190
Placed to my credit # 569.83

Arew my check for 120.00
and paid

Ah Lem 80⁰⁰

Ah You 40⁰⁰

Met C. A. Hooper of
San Francisco and brot.
him out to lunch and
took him all around
and carried him back
to the Horton House -

Ah Lem not at work

Ah You both in town
" " "

FEBRUARY, SATURDAY 14. 1885.

Paid the two Bush
Chinamen - 12.00
making 52.00 for pay
for one months work.

Oh Lem ^{not at work}
" you
+ 4 other Chinamen

Mr. C. A. Hooper and
Philip Morse here -
also Mr. Atherton &
wife -

Sold ten thousand Creek
to Mr. Holland, for Mr Broad
bays horse - at five
dollars per in, and de-
livered 2000 - and am to
haul the balance of 8000 - at
11.50 delivered -

Engaged Mr. Guion to
haul the Creek at 2.00
per in -

FEBRUARY, SUNDAY 15. 1885.

At home all day
C. A. Harper of San
Francisco here at
dinner.

FEBRUARY, MONDAY 16. 1885.

Ah Lem 3/4 day
 at work on road -
 My you also 3/4 day -
 Road District NT
 Ah Lem + team
 and 4 Chinamen

Today begins
 the New year for
 all the Chinamen.

FEBRUARY, TUESDAY 17. 1885.

Oh Lem - at work
for Z. W. Kimbrell

Oh you businy bush
3 Chinamen at work
on Highway - 24 St -
for O county -

1 Chinaman cutting
woods an hour or two
but worked on the road
8 hours -

Mr. J. L. Wilder and
wife Supt. Railway
Postal service
arrived by train this
evg

Lester 5.00

1885. FEBRUARY, WEDNESDAY 18. 1885.

With Mr J. L. Wilder
to H. M. Higgins

At Lima at 12
J. D. W. Kimball

At you here cutting
woods

Three Chinamen
cutting brush &
orchard
One Chinaman water-
ing olive ground

50 oranges 50

Attended Grange in
A.M.

Mr Samuel Wiley
died at 3. A.M.

FEBRUARY, THURSDAY 19. 1885.

At Lem at work for L.W.K.

At you cutting weeds
around olive trees
at home -

- 1 Chinaman irrigating
olive nursery
3 Chinaman digging
Chollas S. of ~~the~~
orchard -

Mr. J. C. Pelton - carried
sister + myself - W.K. +
Flora - Mrs. Robinson -
and Mr. + Mrs. J. A. Wil-
die with the Monument
- had a good time
at home at 4 - and at
5 P.M. carried Mr. + Mrs
W. to Horton house -

5 Gals fish oil	300
1/2 doz - Potash	762
10# sulphate iron	50
	\$4.12

FEBRUARY, FRIDAY 20. 1885.

At Lew at work for
L.W. B - plowing -

At You at home
cutting woods
around Oliver trees

L.W. B. Jr

2 Chmamen $3/4$ day -

1 " " $1/4$ " -

1 Chmamen at setting
out Oliver cuttings all
day -

and
1 other one $1/2$ day -

Paid Pelton for his
team to monument
yesterday \$3.00

FEBRUARY, SATURDAY 21. 1885.

Ah Lem at work for L.
MK all day
2nd N Kimball by
12th cash for 5 days
work man + wear 2.00

L.M.K. D^r

1 man all day -

3 Ahmamu selling cut
olive cuttings

Ah You cutting weeds
around olive
trees at home

Recd
Mr. Roberts 6 oliv trees 4.50
Mr Cary rent 2.00

Hair cut .25

In Sunday in Am.

Capron out to see me -

1885.

FEBRUARY, SUNDAY 22. 1885.

At home all day -
 Mr. J. Lewis here
 and engaged the
 till house next to
 Heroncutt Hall for
 a refreshment room
 during the Fair, and
 paid me in full \$5.00

2.900

ent

sh

450

2.00

25

n

m-

FEBRUARY, MONDAY 23.

1885.

In town (San Diego) to
order boxes for fruit to go
from our ^{Silvas Fair} to
New Orleans.

At Lem at work for
J. W. Kimball & V
Man & Team 4.00

At you at work putting
wood in shed.

Tom other Chimamun
stopping out olive cut-
tings $\frac{3}{4}$ day - and
cutting brush - $\frac{1}{4}$ day

With Mr. Baird to
see land up Sweetwater
on J. W. Kimball's tract

At Horticultural Hall
to see the dancers a
little while in evg -

1885.
FEBRUARY, TUESDAY 24,

1885.

Warren with me to
Spring Valley to ar-
range to get fruit for
our Fair

Called on Mr. Powell
Mrs Burbank - Mr. Mc-
Rae - + Mr. Tomney +
got promises from all

400
Thy
Wh Lem hauling sand
for walks + drives

Wh you + two other
Chammun trim-
ming olive cutting
at Warrens -
and two other Chama-
mun cutting Chollas
South of orchard - till
4 P.M. then setting
out olive cutting

Attended Chautauque
circle in eve -

FEBRUARY, WEDNESDAY 25. 1885.

Oh Lem at work around
the house

Oh You & two other chma-
men at work cutting
olive cuttings at
W.C. H's.

Two other chma-men at
work setting out cut-
tings -

Met Lewis Kingman
at R.R. office -

Agreed to guarantee \$500
to R.R. Co., for running ~~E~~
trains at 9 and 1 o'clock
from Sun Day and
12 and 5 P.M. from
National City -

In Sun Day in P.M.

FEBRUARY, THURSDAY 26.

1885.

Oh Lem at work at
home all day -

Oh you and the
H other Chinaman
at work on oiler cut-
tings -

Have worked awfully
hard today

Vegetables

" yesterday .65

5

FEBRUARY, FRIDAY 27, 1885.

At Lem + turning ab-
" you in trust on
M. B. Scotts place
all day -

4 other Chmamm
sitting out olive cut
logs -

Warner and I + Peter
Roulund have been at
work on the decora-
tions of Horticultural Hall
all of P.M. - I was at
work all day -
Nails .25

At Swagens in evg. to
learn how much space
he wanted for exhibition
of his prints at our Fair
and learned that he
had given instructions
not to exhibit but 3 or
4 plates of print, and to
send none to New Orleans -

1885.
FEBRUARY, SATURDAY 28.

1885.

At work on Hall decorations in AM. Attended funeral of Mr. Z. Roberts - a member of National Ranch Grange who was buried by the Grange ritual at National City cemetery

Attended New England meeting in evg -

Received telegram from Parker Earle Chief of Dept of Horticulture at Worlds Fair New Orleans - asking us to compute for dipstakes on Citrus plants -

MARCH,

SUNDAY I.

1885.

At work in the Fair
building most all day
Rev. W. Dodge bus-
ied today -

MARCH,

MONDAY 2.

1885.

At work on the Fair
building - all day and
till most midnight -

Ah Lem - in San Diego
for plates and at
work around the
Fair building

Ah. You at work also all
day

Fifth Citrus Fair

2 Chummen 300

Team to San Diego 200-

4 Chummen at
work at the brush -

MARCH,

TUESDAY 3.

1885.

Fifth Annual, Citrus

Fair opened this morning in our Pavilion with the finest display of fruit ever brought together in the state -

About 100 visitors today

At Lem + at brick yard
a year

Holly Chapman cutting brush

May
Moss Dr
15.00 back

15.00

1885.

MARCH, WEDNESDAY 4. 1885.

At Linn at brick yard

" 4 " " " " " "
of other specimens
at work on brush -

2^d day of Fair. about
400 people in attendance

Sold tickets to amt of - 93⁸⁰

And am too tired for
any use -

as

or

in

lay

to -

Friday

and

my hand

10⁰⁰

MARCH,

THURSDAY 5.

1885.

Jari closed tonight

Ah Lem, at work at Bush
Ah you, yard in am.
and in P.M.

Ah Lem in town to get
Hather Chapman at brush
dole of it eilsior

Jari Dr
Ah Lem in Town 2.00

Recd of Mr. Holland 20⁰⁰
for 20 do brick -

MARCH,

FRIDAY 6.

1885.

Settled with Ah Sam, Ah Lin
Ah Hook + Ah Long and
paid them all 104⁰⁰
and received back

for 4 days road tax 4⁰⁰

And now have only
Ah Lem and

Ah you at work - and
they have both been
at work on brick kiln
today -

Have been packing fruit
for New Orleans fair
all day - and have
about 63 cases ready to
ship -

Sold 5 acre lots No
1-2-7 and 8 in Kimball Bros
Homestead tract. for 1733⁰⁰
and recd Cash 570⁰⁰

Kimball Bros Dr -

Paid S.D. Corn Co 16.80

for sold Butley

Paid Mr Risdon to bal 28.40

Recd of Dr Risdon to bal 7.25

1885.

MARCH,

SUNDAY 8.

1885.

MARCH,

MONDAY 9.

1885.

MARCH,

TUESDAY 10th

1885.

MARCH, WEDNESDAY 11. 1885.

MARCH,

THURSDAY 12.

1885.

MARCH,

FRIDAY 13.

1885.

1885.

MARCH,

SATURDAY 14.

1885.

My first lesson 1315

MARCH,

SUNDAY 15.

1885.

6381

[Faint, illegible handwriting]

MARCH,

MONDAY 16.

1885.

Due J. L. Pearson 13.25

MARCH,

TUESDAY 17.

1885.

MARCH,

1852

Dr. J. J. ...

1885.

MARCH, WEDNESDAY 18. 1885.

MARCH,

THURSDAY 19.

1885.

1885.
MARCH,

FRIDAY 20.

1885.

MARCH.

SATURDAY 21.

1885.

MARCH,

SUNDAY 22.

1885.

MARCH,

MONDAY 23.

1885.

1885.
MARCH,

TUESDAY 24.

1885.

MARCH,

WEDNESDAY 25.

1885.

1885.

MARCH, THURSDAY 26. 1885.

MARCH,

FRIDAY 27.

1885.

1885.

MARCH,

SATURDAY 28.

1885.

MARCH,

SUNDAY 29.

1885.

MARCH,

MONDAY 30.

1885.

Arrived at Colton at
 11.30 and remained
 here for a short time
 before
 leaving at 1.30 for
 Condor at Oceanview
 Arrived at 3.30
 and remained here
 until 5.30 and found
 myself all alone.

MARCH,

TUESDAY 31.

1885.

[Faint, mirrored handwriting, likely bleed-through from the reverse side of the page. The text is illegible due to fading and mirroring.]

[Faint handwriting on the adjacent page, partially visible.]

APRIL,

WEDNESDAY 1,

1885.

Arrived at Colton at
11 A.M. and changed
cars for National City
Porter .50

Dinner at Fallbrook .50

Bunch Bananas 1.25

Candy at Ocean side .10

\$ 2.35

Arrived at Home at
6^o and met "Leta" at
Mr. Roberts and rode
to the house - and found
myself sick and -

APRIL,

THURSDAY 2.

1885.

Rode over to Jims with
"Sister" - but am pretty
miserable -

Have caught a
good deal -

1885.

APRIL,

FRIDAY 3.

1885.

Have written a good
good many letters to-
day - too many - and
am. p.m.e - tonight

APRIL,

SATURDAY 4.

1885.

Near huddled been
out of doors today
Stamps & envelopes 2.00
Eucalyptus Syrup 75

Mrs Charles Collins
of Hackberry here to
see about Lots 9 & 10
in block 213 - and
will come again on
Monday -

1885.
APRIL,

SUNDAY 5.

1885.

Sunday has been an unusually long and tedious day -

A. M. Miller here to see me - and will come again tomorrow

Mrs. Boyd came to bid us good bye and will start for Springfield Mo. on Tuesday morning -

Paid Ah You 20.00

20.00
318.05
20.00
9.00.30
7.20
7.50
14

APRIL,

MONDAY 6.

1885.

At home and
have written a good
many letters -
and am too tired for
any use -

On Sunday with
Sister - in P.M.

1885.
APRIL,

TUESDAY 7.

1885.

Settled with "Ah For"
and paid him in
full. — 20.75
Since settling
Ah For has worked
today.

Settled with Ah You
down to date
Last years work 299 days
at 30¢ per month 345.00
This year - 40 days. 47.30
\$392.30

Paid him last year
at various times.

20-30-30-30-20-30-

100-9.50-3.50-4.10 - 313.05

Apr 5 -

20.00

333.00

Balance

\$59.30

Leg Road tax

2.30

V. Mrs R

Paid 57.00

Recd. for rent of pasture 75.00

of Jones & Graham

in San Diego. Paid Philadel.

Whin shoe store

4.40

APRIL,

WEDNESDAY 8.

1885.

Paid Ah Lem 240.00
 " Ah Lin in full 5.75
 " " Doc in full 1.15
 Looked over all accts.
 with Ah You and
 gave him the
 gas pr. statement 57.00
 of yesterday 103.90

Agreed to buy 170 acres
 of land of L. W. Kimball
 at 40\$ pr. acre - 1,000 - to
 be paid about May 3^d and
 two thousand in six (6)
 months. and the balance
 in one year at (6) six per.
 cent pr. annum -

Samuel J. Baird buys
 with one share and share
 alike.

L. W. Kimball left on Steamer
 Orizaba for Oakland -

Paid J. M. Dodge County Clerk
 in amt 7.6 Kimball's ovms 2.80
 A very warm day
 Ah Lem at work no other business

APRIL,

THURSDAY 9.

1885.

At Lem at work around
the soap in A.M. irrigating
olive cuttings in P.M.

Wrote contract of sale for
Janal Rancho to F. D. Leonard
of Boston for $\frac{1}{4}$ of the
rancho - at 7.50 per acre -

Recd. report of award of
premiums at New Orleans
and find we took 14 pre-
miums - and set silver
medals - premiums ag-
gregating \$300.00

Kimball Bros Dr.

Paid freight Bill on soap
from Los Angeles 13.03
J. L. Parsons, hauling 75
13.78

APRIL,

FRIDAY 10.

1885.

In San Diego and or-
tulated out New Orleans
premium questions.

Pr Boots	2.25
1/2 Drg. Caustic potash	.65
Grinding corn	1.17
(At Flour mill)	

Settled with F. P. & W^m
Bump. and gave a
due bill for balance.

1885.
APRIL,

SATURDAY 11.

1885.

In San Diego in AM
and - paid

San Diego Union 10.00
in full for Citrus Fair "ad"

Paid San Diego Sun 7.50
in full for Citrus Fair "ad"

Paid J. W. McScott
at Consolidated Bank
San Diego - 17.25

Record of Thomas
Walker 3.90
for 3 Chinaman pump
& team. Spraying tank -

at Morse Wood & Whaley's
office -

In P. M. rode up Sweetwater
with Mr. Horton of Boston
and showed him - 2 N
R^o 170 acres -

APRIL,

SUNDAY 12.

1885.

At home all day
My catch very hard
today
John Capron here
to see about Linn
and how to control the
Sandigo market.

Paid J. L. Parsons 8.60
bring balance of all
accts. to date - except
he owes me for loan
of scraper - plows &c -

Sent manuscript of a
new letter sheet to
Corlis Macy & Co N.Y.

1885.
APRIL,

MONDAY 13.

1885.

On Sundays in W.M.
Cloth for tent 3.90
Paid Ah. Sin (in full) 1.20
" Ah For (" ") .75
" James Capley 48.00
for hauling 21.20
Briek to A. Schindler
(including bbl. tin)

Recd of A Schindler
check for - 231.40
an. bill for 23.00
212.00 Briek - 254.40

Paid W^m + J.P. Burgess
on paper for sup^{nt} \$4.00

Lumber for box .50

At 10¹⁵ evy. Remmey
hand -

APRIL,

TUESDAY 14.

1885.

Writing my report of
World's Exposition -
Fixed tent poles in
P.M., and set up tent -

Mr. Theodore Prather
Mr. Miller -

Mr. Best - and Mrs
Prather here at lunch -

President Prather wants
us to defer receipt of
May payment - or
rather to accept two
thousand dollars &
let balance go till next
November - Am to
let him know if we
decide to do it -

1885.

APRIL,

WEDNESDAY 15.

1885.

Correcting "proof" at
Record office in AM.
Then in San Diego

1 1/2 yds enamelled cloth,	60
4 " tent	.85
Pulley	.35
2 Hooks	.15
Bottle whiskey	1.50
Pack, large envelopes	60

Fred Capland W
Paid his note at Con-
solidated Bank - \$581.26

Deposited check ⁷ 281.40

At dem all day
 " Lin } 1/2 day clean-
 " Joe } ing well -

APRIL, THURSDAY 16.

1885.

Mr. F. W. Lohmann
of Minnesota here in
A.M. came last night
by train -; rented him
the Tower house - at 8.00
per month -

In San Diego and got
buggy top paid C. E.
May for repairing it \$
and for making tent 3.50
Ananias cloth .60
for covering box -

Recd. a deposit of
a draft for \$800.00
from Mr. F. W. Loh-
mann - to be paid
at sight -

At Lem 3 all day
At Lin 3
At For 1/2 day -

Due J. L. Pearson 21.61
to date -

1885.
APRIL,

FRIDAY 17.

1885.

Mr Linn

" Linn cutting wood -

" For)

In AM. called on

G. B. Wilbur, President
of Cal. Southern R.R.
at Genl. Office - and
carried him a nice
briquet -

Rode to the land
east of Frisbus place -
with Mr. F. W. Lohmann
and offered him the whole
at 15 \$ per acre -

J. S. Harvey brought 60
Oranges to sell to
Van Derman - one of
the judges of oranges at
Worlds Exposition. New
Orleans -

Paid 1.50

21.61

APRIL,

SATURDAY 18.

1885.

Mr Lemm began to spray
 " Lin } other trees here
 " For } at home and
 have finished
 about 150 or 60 today

Paid Mr For 3 days 3.90
 " " Lin 3 1/2 4.55
 in full to tonight

103 # Sulphur 4.60
 1/2 doz. Caustic potash .65
 Paid W & S — 5.25

Got Orms + got 61
 oranges —

Recd. for RR tickets
 Sold in San Diego 6.00

1885.

APRIL,

SUNDAY 19.

1885.

Took Mr. G. W. Grant
and Roscoe to ride
over to Junal Rancho
ate lunch under the
steamers trees at the
foot of the ranch.

Came home via
Telegraph Canyon - at
3:10 P.M.

With sister rode to
Frank Ruds - then to
Mrs. V. Parkus - to Lou
H. Blackman and
home - a cold blas-
tering night -

to spare
so here
and
shook
they

days
it

4.00
65
5.25

61

to Kats
yo 670

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

APRIL,

MONDAY 20.

1885.

Mr Linn just work
and went away this
morning -

Mr Linn } clearing
 } earth

Mr You } guards

This is their first day
in apple orchard

"Sister" started this
morning to go with

Jim into the moun-
tains to camp out
and may be gone a
month or more -

Mr G. B. Wilbur here
in Am and at lunch
carried him to the
R.R. office and staid
an hour -

Telegram to Davis & Cowell
and reply 1.35

Recd. rent of Cary 2.00

1885.
APRIL,

TUESDAY 21.

1885.

Mr. Bull began work
and with
Ah Lin at work spiny-
" For Sing oliv trees
west of the house.

Kimball Bros Dr
Oranges at ours 3.00

At R.R. office in A.M.
Letter from "Sister" this
evg - by Capt. McAlmond
and her answer
A - 4 long pages

APRIL,

WEDNESDAY 22.

1885.

Sent box lemons, parrot
camp stool &c to "Lester"
by Mr. Almones - and
wrote her a good long
letter -

My Ball washing ob-
- the long in trees -
Ch. Joe 3/4 day

At Mr. P.K. office a
few minutes then rode
to L.W. Kimball's ranch
and looked it over with
Mr. Baird - he thinks
he may not buy it -

Recd. of Mr. Moses 15.00
for brick

Mr. Lohmann's son
has worked most all
day -

With Mr. Hensley to see
Mr. Baird's 170 acres
which he bought of L.W.M.

Friday

APRIL,

THURSDAY 23,

1885.

Mr. Ball at work spray-
ing trees in valley -

also Ah. Lin } -
" Ah. Lee } -

In special car to San Diego. with
A. A. Robinson Genl. manager S. T. S. F.
R.R. Alden. Spear. Geo. C. Shat-
tick. Isaac S. Burr. C. R. God-
man. C. R. Holliday. Directors
A. T. S. F. R.R. - also R. J. Edwards
John W. Farlow. C. Wells. J. W.
Reynolds + George B. Wilbur
Mrs. Robinson + daughter. Mrs
Spear + daughter. took them to
D. St. Station - and all over
San Diego. to Florence Hotel to
lunch. Then to National City
and all over The Land + Town
Cos property. - gave them a
Box of oranges. 2 Boxes rais-
ins - and all the attention
possible. - Have had my
day all day - Thank God -

APRIL,

Saturday
FRIDAY 25.

1885.

Mr Ball spraying trees
at apple orchard -
also

Wk. Lin.

" For fill of Am. 1/4 d

Paid Wk Lin 5.00

" " For 5.50

Paid Wk Lin 10.00

in Sand Digs

In Sand Digs in P.M.

Hair cut & shaved " 50

Tooth pulled 1.00

Paid Express on Box
Oranges to Mr. Vandeman
Geneva Kansas

\$ 3.25
K. Bros. Dr as above -

At New England meeting
and gave act. of New
Orleans Exposition -

Thursday

APRIL,

SATURDAY 23

1885.

Oh Lin worked with Mr.
P. A. Fox
Bull spraying trees at
Apple orchard (Olive trees)

With Mr. Wilbur - Mr.
Reynolds and Mr. Ed-
wards - to Sanatorium
to Wilbur's orchard - to
Jim Cousins to Higgins
to Coopers - to Bairds
to Griffins - and home
to Hotel - too tired for
any use -

Had my ray - and
made good use of it -

Borrowed of G. H. Parsons
(P + B), Ten dollars
which he paid to
Oh Lin

Joe in full
for work to tonight.

5.00

4.80

APRIL,

SUNDAY 26.

1885.

Paid Ah Lin to bal. 2.50
for all work to last night -

Sorting out old papers
from the safe - and look-
ing up data from which
to answer editorial in
Saturdays Union -

Wrote "Sisti" & long papers -

Rode up to Mr. Bairds
and he is to take the deed
to L. W. Kimbells 170 acres
and turn it over to me
and I am to make his
deposit of 1,000⁰⁰ this
morning -

Recd. telegram from
L. W. Kimbelle for Mr. Baird
and answered it by tele-
graphing "I will make de-
posit tomorrow morning
and shall take the land."

APRIL,

MONDAY 27.

1885.

Sent "Sister" box of things to
Potters - by stage

Rain this morning
about 3 o'clock.

Litlled with

Mr. Lem and paid 33.75
which I got of Parsons & B.

Paid P + B

Mr. Swans premium 5.00
and the 10.00 borrowed

last Saturday night
for Ah Lin + Ah Lee 10.00
Gan check for - \$48.75

In San Diego and deposited with
Boyant Howard \$1000⁰⁰
to pay Mr. Baird's di-
positi on 170 acres
of land bought of L. W. Kimball
Mr. Baird turned it over to me -
Mr. Ball at work at
apple orchard making soap

APRIL,

TUESDAY 28.

1885.

In town at 9 A.M. at Leach's
office and agreed to
make any conveyance
to make title to Encer-
mitas Rancho - to the Col-
ony Olive Rain - on 9th
of May - and to make
no default for the Col-
onists in consequence of
not paying the money
due on the 1st of May
till that date -

Paid

A. Happenden 11.00

5th and 3rd as Fair
premiums and 1.7
for orange boxes and
2.7 for 127 oranges -

Mr. Ball cutting wood

a Mr + Miss Rock here
at lunch - brought letters
of introduction from
Mrs Dr Minton -

1885
APRIL,

WEDNESDAY 29.

1885.

Packing oranges for
"California Day" at
Worlds Exposition
New Orleans La -
May 7, 1885

Mr. Ball harrow
ing apple orchard -

Vegetables 50

Mr Reef of San-
Francisco Mr -

APRIL,

THURSDAY 30.

1885.

At orchard in AM.

Mr. Bull harrowing
at apple orchard -

J. L. Parsons &
1 day cultivating here
at home -

In town (Sandwich)
to help Mr. Lokenham
out of a "root" Land
difficulty -

Got labels for 6 Boxes
of oranges - printed
at Bayly's -

Bought Webster's Un-
abridged Dictionary
at a Schindler's 11.00
also a Book for \$5.00

No letter from
\$76.00

Sister tonight - wrote her

MAY,

FRIDAY 1.

1885.

Sent off 6 Boxes Oranges
to Cal. - Day - Worlds
Fair New Orleans La
Weight 357 pounds

Mr Bull Harrowing
in 20 ac in orchard -

Fl. Rice Cr
Cash. 1800 brick 1800

Dr. use of wharf Harrow 2.25
Recd. 15.75

In P.M. rode all over
day + journal paragraphs
with President Mil-
ton of Cal Southern -
Home at 8 P.M.

Wrote Sister
Recd. letter from her
by hand of Mr Williams

MAY,

SATURDAY 2.

1885.

Lots of people here -

Recd letter from Sister "Bligh" etc

Mr. Ball hawking
at apple orchard

J. L. Parsons hawking
around the orchard
here at home

MAY,

SUNDAY 3.

1885.

At home till 2 1/2 P.M.
when I went over to W.C.
Kimbull and ali sup
per - Geo B Wilbur pres-
ent - Had a good time

Wrote sister and
sent papers -

Sent Charlie a P.O.
Money order for 40.00
addressed to Nellie F
Kimbull - drawn
on - Hopkinton N.H.

MAY,

MONDAY 4.

1885.

Sent 4000 brick to Mr. Titus well today + tomorrow - at Elver dollars per thousand - added 50 cents -

Rode with G. B. Wilbur in P.M. - to Sweetwater then in town - San Diego

Oregonian 23 .30

Mr Ball harrowing at apple orchard

MAY,

TUESDAY 5th

1885.

Took Mr. Wilbur to see the land he wants me to set in garr trees and agreed to take 10 acres and set it in such trees before May 1886 and to have the option of taking the balance of the 2nd (14) section T₂S 15E - or about 125 acres at a price to be fixed for the ten acres I am to pay 1st.

Made a bargain - which Mr. Wilbur is to recommend that the L & J. Co. - sell me 40 acres of land at 10 or 20 dollars per acre - and I am to bore a well 500 feet deep.

Closed a bargain with Mr. Mill to bore 300 feet for 700 or 500 feet for 1250th - he to find every thing -

Wrote Lister a short letter -

MAY,

WEDNESDAY 6.

1885.

G. B. Wilbur left for Boston - He modified his offer about the Artisanan Well and gives me 40 acres to bore 500 feet or less if plenty of water is struck

On Sundays in A.M.
3* Paris green 1.50

Attended Orange in P.M.
Wm. Pinthun here in P.M.

Recd. dispatch from Express Co - New Orleans saying that Col. Andrews refused to take Oranges to give to invited guests on California Day -

So telegraphed C. B. Fur-
rill to take them and pay charges - and use them - K. Prosd. \$

Paid dispatches 3.00

MAY,

THURSDAY 7.

1885.

In San Diego and
 sold 55 acres of L.W.K
 tract at 55.00 pr. acre -
 and am to receive 800⁰⁰
 cash -

Recd of A Schindler
 400 brick @ 12⁰⁰ 480
 4,000 " " 11⁰⁰ 44.00
 48.80

and Paid for
 for dictionary 19⁰⁰
 Book holder 500
 Tissue paper 160 1760
 Recd. check for - 31.20

Wrote sister - also recd.
 her letter.

Recd dispatch from C.B.
 Furrill saying he had
 paid express on oranges
 sent to Col. Andrews and
 charged it to us -

McCall cultivating in ap-
 ple orchard -

MAY,

FRIDAY 8.

1885.

Ball harrowing in apple
orchard.

In San Diego in P.M.;
W. C. K and Mr. Hensley
with me.

Hensley sold 55 acres of
the land bought by Mr.

Baird - for \$55⁰⁰ per acre
and received \$800.00
which he placed on
deposit to credit of S. J. Baird
(less commissions) -

Mr Baird signed con-
tract of sale. which he is
to turn over to me as
soon as I can get orders
to L. W. Kimball to change
from him to me -

Package envelopes .55

MAY,

SATURDAY 9.

1885.

In San Diego and met the
members of Olivenhain Col-
ony - to arrange new papers or
endorsements of Encinitas
ranches - Adjourned without
coming to any conclusion -

Kimball Bros Cr -
Drew check on Consolidated
National Bank for 40⁰⁰
which I sent to C. H. Kimball & Co

Borrowed at 1st Natl. Bk
of San Diego \$1000⁰⁰
Placing Titus note 500⁰⁰
+ 30 shares L & J. Stoll as
collateral -

Paid S. J. Baird 1000⁰⁰
in Draft on New York which
is to be endorsed on my
note to him -

Paid James Copley 22.60
for hauling brick and
returned back (discount) 1.35
+ Silver soap \$ 22.85
Net Candy, Benjamin 7.5

MAY,

SUNDAY 10.

1885.

Committee from Colony
Olivinham here today
with their attorney.

Mr Titus - Will meet here
again on Wednesday -
and I am to pay for
the team to bring them
down -

Rode to Sweetwater to
the Artesian well - with
Mr. Bull -

Geo. W. Shaw in this way -
Wrote "letter" and for
rounded on letter also
sent bundle of papers -

Rent 57.50 \$ to Geo. W.
Michener by W. G. K. to
be deposited at Hamilton
& Co - W. G. K. pays 57.50
also -
sent I & Town Co stock to
Boston for more certificates

MAY,

MONDAY 11.

1885.

Mr Ball got in the
east of the hay - then
went to the Gum tree
place - and grubbed
brush -

Mr. started to plow
the Gum tree ranch
but gave it up - to hard
on his horses -

Buried a good
large piece of Gum
tree place -

MAY,

TUESDAY 12.

1885.

Rain - hard in Am.
at times -
Mr F. D. Leonard and
Mr. Fletcher of Boston
Colony - arrived last
night and came to the
office - and we talked
till noon - and in
P.M. rode to Wicks to
my orchard to Paradise
valley - to Sanalarin
to Owens - and home
in the rain -

Mr. Putney of Los An-
geles came tonight to
see about buying my
well -
Lupys beef 50

Mr. Bull - cattive-
ting him in the orchard

MAY,

WEDNESDAY 13.

1885.

E. W. Morse here early
in the morning - and told
me - of the conclusions of
the men selected to set-
tle all differences between
Pinker and Colony New-
nham -

In town in P.M. and en-
gaged N. F. Conklin as
our attorney in any matter
relating to the Colony -

Capley drew 700
back to Schröder

MAY,

THURSDAY 14.

1885.

With Warren Mr. Leonard
& Mr. Fletcher rode over
the Janual Ranch to Mr
Harrop - and home
via Telegraph Canyon

Had Mr. Cromo team -

Mr. N. H. Conklin here
at 7 AM - gave him
all details of our trade
with Colony O'Brien -

At Church in ev - Cal. .50

Mr. Ball at work
harrowing -

Recd. letter from "D's
W" - and wrote her
"Bef Au"

Capley drew 600
brick to Schneider

Mr Ball hawking in apple orchard -

Have been on the bed of Lunge most all day - my head is most broken in pieces -

Rode down to R.N. shop to get Mr. Grant to ride out to Paturo with me tomorrow - I don't dare to ride alone - to see "Sister"

Mr. Adams wrote an agreement (for buying in Carlsson will), between myself and Mr. A. E. Putney of Florence (Los Angeles Co. Cal.) -

Mr. Lam came back today to go to work - tomorrow morning -

MAY,

SATURDAY 16.

1885.

Mr. Linn begins

work today at 35⁰⁰
per month - and
I find him dinner

Started for Peters at 6 $\frac{1}{2}$
AM. G. N. Grant with me -
ate lunch under a big oak
a little way east of the Phil-
ips - and arrived at Mr.
Williams at 5 P.M. - and
found "Lester" and Jim as
well as I expected -

In evg. talked with the
family till ten o'clock +
then to bed -

1885

MAY,

SUNDAY 17.

1885.

At Mr. Williams, Petero
 Went out to see a mine in
 the morning, and in P.M.
 rode out to Mrs. Gray, and
 went to Mr. Duncans - and
 home to Mr. Williams via
 Mr. English's, and Mr.
 Kings store - Post Office -
 To bed at 9 P.M.

35
 2
 6 1/2
 m.
 1/2
 in Phil.
 + Mr.
 and
 from
 the
 well +

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

MAY,

MONDAY 18.

1885.

Up at 4 AM. and feed the horse - then went to bed and staid till 5 o'clock then up and got breakfast and ready to start at six 30 AM. so bid sister good bye + Jim - and off for home - got lunch at Jamal - and home at 12 PM. -

Went down + charged the pump -

Paid Mr. Williams 1.00

Oh Lem mowing
Lawn

MAY,

TUESDAY 19.

1885.

On the lounge in AM,
Rode in town & in PM.

Paints for Jim	3.00
Stable broom	75
Confectionery	26
Mustard leaves	25
	<u>\$ 4.25</u>

Whellm. cutting
and at brick yard -

Plant duster	35
E+perf to Lotta	25
	<u>1.50</u>

Paid Mr Ball 24.00
in full for work to date -

MAY,

WEDNESDAY 20.

1885.

At home in Am
on the lounge and in
the garden.

In P.M. at the Grange

At home at work
here and at brick yard

A good many people
here today

Took Mr. Thom out to
 2 W. Kimballs 170 acre
 tract and sold him about
 20 acres at 65¢ per acre
 and gave refusal to the
 adjoining 10 - north at sum-
 piter - per acre -

Mr. Tom hauled 2
 loads brick to ball over
 Sundays - 1.000

L. L. Plemms also drew 2
 loads - 1200

Copley drew 2 loads 16.00

Ward bus .55

Hair oil "Listu" 20

Bushack dust 20

1.05

Rode down to site
 of Artisan well - took
 along. Frank P. Burygo -
 and he killed 4 Rabbits

Wrote "Listu" in answer
 to his note this eveg -

MAY,

FRIDAY 22.

1885.

At Lem hauled 500
bricks at each of two
loads to bakery 1000

Pursons drew on 1200
bond
and Copley 2 loads 1500

Recd of Mrs. Siberlich
pay for brick in full 37.50

Rode in town with Dr. Ris-
don - to meet Colm. Olov-
heim - and their Atty's -
May, Alex Chase - Husaker
H. W. P. - &c - and N. H.
Cullin for our side -
and signed arbitration
bond

Paid for 10% bond

Envelopes	60
Cigars	25

MAY,

SATURDAY 23.

1885.

Wm Linn hauled 1000
brick to Bakery -

B. Z. Parsons hauled

Capley "

Capley hauled 1700

to Mr Von Posen -

Gun pieces on various 44
& whole blocks to Mr Black

Mr. [unclear] hauled 5000
brick to Mr. Fairbanks.

MAY,

SUNDAY 24.

1885.

Very pleasant this morning - very -

With Mr Sprague rode to
Mr. Griffin's & Mr. Baird's
Mr. Higgins - No. 6 Ks. G. L. K.
Sanulairin - Stubs &
Lynn -

Grant, Rossie & G. W. Chase
with us at Higgins -

MAY,

MONDAY 25.

1885.

In Sanduski in AM.

At Lem drew 1000
brick to A. Schindler
and brought out one bbl-
cement

Writing letters in P.M.

Paid Church

Cat bed

300

Excursion 30 # @ 6

180

4.80

Recd. of D Stahl
for 8 ft wall pipe
1350 brick

596

1350

\$ 19.42

MAY,

TUESDAY 26.

1885.

Mr. Bapley's team started at
8 1/4 A.M. with load of Ar-
tesian well timbers & left
for home at noon 1/2 day

J. L. Parsons 3/4 day 2
loads -

Ch. Lem hauled 1000
bricks to A. Schneider
Sandusky -

Paid freight bill	25.00
+ Expense "	20.76
on Artesian tools	<u>46.76</u>
As Chay	

A. E. Putney Dr
as above 21.76

MAY,

WEDNESDAY 27.

1885.

Mr Lem hauled 500
brick to Mr. Schmidt

J. L. Parsons hauled 600
brick to Mr. Williams
foundation - he also
hauled road tools to
Artisan Well -

Rode to Lins 170 acres
with Mr. Nehman -
and to Mr. Griffins, also
to Artisan Well &
also showed two other
men the same property

N. F. Conklin Dr
to Cash - on Alira hair
colony arbitration 20.00

Kimball Bros Dr \$
to cash as above \$ 20.00

J. Russ + Mr. Johnson
run all of way - arrang-
ing for a large lumber yard -

MAY,

THURSDAY 28.

1885.

With Mr Varyhans son
in-law to sub land &
showed him the Eldridge
piece at 100 per. acre -

At Artesian well and
saw them make their
first start - and bore
about four feet on the
acre lot No. 6 in 1/4 Sect
147 of National Ranch

James Currie Dr
Pr pants 5.00

Three Boxes oranges
from J. Owens

Paid "
Packed & Banded them
and marked as follows
D. M. Schopfeld S. F. Cal
Gordon Blanding, S. F., Cal
Craig

At. Lem Hauled pipe to well
J. L. Parsons / bond to well
In San Diego in P.M.,

MAY,

FRIDAY 29.

1885.

Mr Lem drew load
 of wood & water to Ar-
 tesian well - wood 6.50
 Water .50
 Blacksmith 7.00
 work on chains 1.00
 1 1/2 x 20 ft plank .75
 Charge Pitney \$ 8.75

At 29 feet depth at 4 1/2
 P.M. on artesian well.

Paid Fall Tax 5.00
 Made assessment
 return — —

Charge Pitney
 Bill of Lumber of R.R. Co
 6 ft R.R. rail
 Broad .25

Wrote letter & sent
 Zimo punto re

MAY,

SATURDAY 30.

1885.

In San Diego - rode with
H. E. Cooper -

Recd for 10900 brick cost
" " 1600 " kiln
delivered at bakery \$ 132,60

Kimbale Pros Dr

To Cash advanced
to Chauncey Hayes
to be used in secur-
ing competent men to
examine and judge of
the value of Enkinada
Rancho.

To Conklin 27th \$ 80,00
20,00
100,00

Oh Lem drew
load water to Artesians
well - so charged & put my

Drawn over 50 feet on
Artesian well -

MAY,

SUNDAY 31.

1885.

At church in AM - 50

In P.M. took Mr. & Mrs.
A.A. Robinson to ride to
Artesian well - found
They were down about 53
feet -

de will

cost
total
\$132.60

Dr

ced
ps
cur.
in T
dy
total
8000
2000
10000

sign
& Patm

Am

JUNE,

MONDAY 1.

1885.

At Salem at rehearsal
beginning to irrigate
trees -

Took care and went
to Occochee and
met Charney Hayes
and instructed him
in regard to getting ev-
idence in regard
to value of Rehoboth
Encinitas.

at Fall Brook at
dinner .50

Rode on to Simacula
and met train & returned
getting home at 6⁵⁰

JUNE,

TUESDAY 2.

1885.

Mr. King (C. 76) 628.
Montgomery St - here
to arrange to open out
a large lumber dry-
ing yard - and to carry
a large retail yard -

So took their proposi-
tion to Mr. Victor - and
laid out the whole plan
and think it will carry.
The whole matter left
with me to arrange -

Mr. King here at lunch
Carried him down to
Ruf & Co's lumber office &
met Mr. Ruf -

At C & S RR Co's Directors
meeting and adopted
plans of stations on
extension to Daggett -

Mr. Dem irrigating with
sub irrigation

JUNE,

WEDNESDAY 3.

1885.

At the artesian well in
AM. - Mun did not work
in AM. one man left
and Mr. O. Hara hired an-
other - Mr. Mite -

Attended Grange in PM

At Lem cutting grass
& weeds in Valley olive
orchard in AM. and
irrigating olive cuttings
in PM.

Work box olive cuttings
to station - for Road
H. M. Daniels de Luz
and paid freight 60

A. E. Putney Dr

Paid S. P. & R. expense
bill on Jipi - starter
and well cap 11 35
Vegetables ——— 50

JUNE,

THURSDAY 4.

1885.

At the Artesian well
in am + found them
down - 116 feet -
W.C.K with me.

At Mr Victor's and got
the best terms out of him
I could on the Reef Lem
ber business - and am
to notify Reef + King by
tomorrow's mail

Wh Lem waiting alive
missing -

JUNE,

FRIDAY 5.

1885.

At Mr. Vectors and agreed
to leave of absence of
Mr. Elliott to attend the
Colony arbitration on
the 8th & 9th of this month

At Artesian well and
found them down 127 ft
at 11 am -

Carried them bread
& meat

At Lem irrigating
also cuttings and
nursery trees and
sweeping lawn

Envelopes & stamps 1.00

Writing to "Sister" - owl
sent her a box by
stage this morning. 25-

JUNE,

SATURDAY 6.

1885.

At the Artesian well in A.M.
with Tom Chase.

Rent down timber for rigging
sand pump - (by Mr. Spence)
and again in P.M. with
Mr Adams - and found
the depth. $153\frac{1}{2}$
feet - with 155¹/₂ joint of
pipe on - and working in
a sandy clay - quite red.

Paid Mr. Fry 2.00
by hand of A. G. Adams
and received from him 1.00
rent of house -

Am then making ditches
in valley to run water down
by olive trees

Letter from "Listie" and
she did not get our yester-
days letter - too bad -

JUNE,

SUNDAY 7.

1885.

Fred Copeland repairing
pump here in yard -

Paid Frank Reed .45
for two pump leathers +
bottle castor-oil -

Writing to "Sistie"

Rode up to Mr. Thomas
Hornbells to bid them
"good bye" before they star-
ted for Los Angeles -

Called at Mr. Roberts and
left a telegram to be sent
to Chauncey Hayes at
Oconomowoc ?

JUNE,

MONDAY 8.

1885.

Mr Linn hauled gravel
and worked in Sally Olin's
orchard -

At Artesian well and
found it down - 163
feet - struck stratum of
coarse gravel at 161
feet - and had been
through two feet -

In San Diego to see Mr.
Conklin -

Hardware . 85

Mr. Gardner came
down from San Francisco
on Steam -

JUNE,

TUESDAY 9.

1885.

Left home at 6⁰⁰ and arrived at Encinitas in good order - Bryant Howard G. Grundike - C. W. Morse - S. J. Baird - and Judge W. J. McNeely - as arbitrators in the Oliphant's Colony matter - A large number of witnesses in attendance - and all took carriages and rode over the Encinitas rancho - Lunched under a fig oak - Reached RR just in season for train and got home tired - too tired to write lists till morning in answer to her letter tonight

Kimball Bros 25

S. J. Baird	500
V. P. D. Vaughans fee	275
Walkers & Bairds fee	500
Fall Brook paper	200
	<u>1875</u>

Paid Fred Copland on jump - 200

Ch. Lem at work in valley

JUNE,

WEDNESDAY 10.

1885.

Sent letter to "Sister" also
a bag of things -

Mr Sam at work at
orchard -

at the well - artisan -
in Am & T. M. - They
did not gain an inch
from 11 o'clock till night
in coarse gravel

Have now 173
feet of pipe in the ground -

Charlie Bacon here
from Julian -

Subscribed for the Cal-
ifornian paid 2.50
for 3 months in advance -

JUNE,

THURSDAY 11.

1885.

In San Diego in AM. &
attended the taking of tes-
timony before Arbitrators
in Channahin Colony mat-
ters -

At home sick in P.M. -

Mr. Linn cutting brush
near Artisanum well

Paid off one of Mr. Putney's
men at P & B's - 975-

Paid P & B's - 975

Recd "Lishro" letter and
partly answered it -

JUNE,

FRIDAY 12.

1885.

Carried Mr Putneys bro-
ken drill to R.R. shop
to be mended - and
sent it down to his wife
in R.M.

Am Lam cutting
brush near Artisan
well -

Sick all day - but
rode down to wife - W.G.K.
with me -

Sent "Sister" a box of
things and a good long
letter. .25

JUNE,

SATURDAY 13.

1885.

At Lem cutting brush
at artisan well.

Will borers began work
this morning. with the
drill and have made
four feet - now down 187
feet to top of pipe - 4 feet
above ground

Received my first Vol.
Encyclopedia Britannica
for which I paid \$ 6.00

Bob. Kelley + I each gave .25
to an old "Capitan" -

Exp. prep on letter to Ben Klm
& on orange boxes .25

Carried Mr. Baird down to
his place -

In Sandiego in P.M.

But blacking
letter from "Sister" - .25

JUNE,

SUNDAY 14.

1885.

at Church - Calⁿ .50

at Mr. Vaughans a few
minutes in P.M.

F.P. Buzels here in way.
Wrote "Liste" - and
Lett. W.K.

JUNE,

MONDAY 15.

1885.

Ah Lem began
 work on month ago
 tomorrow morning
 so has due him tonight
Paid Ah Lem \$35.00

Ah Lem grubbing at
 Artesian well -

G. W. Chuse paid me
 for 1100 left brook 880
 " 1300 Mucktable - 1300
 " 1000 to be del - 1000
 \$ 31.80

At Artesian well
 and found them down
 193 feet w top of pipe -
 flat through boulders
 at 181 feet -
 since then in heavy
 bluish clay -
 Have had 20 feet of grav-
 el + boulders -

Paid of Mr. Cary rent 2.00 -

JUNE,

TUESDAY 16.

1885.

Wk L am at work at brick
yard and at home.

Mr. Hawley has had	
1 load brick	900
1 " "	600
+ today 2 loads	1200
	<hr/> 2700

Recd. of Mr. Cyrus Upham	
for 1000 brick	1000

At The Artesian well
and found them at noon
ready to put on the 203rd
joint of pipe -
Pipe is 199 ft
in the ground - struck
cobble stone or gravel at
198 1/2 feet -

In town in P.M.

JUNE,

WEDNESDAY 17.

1885.

Mr. Lem watering trees
with big barrel - line at
the house and Olive trees
in valley.

At the Atticium will in
am. S. S. Johnson rode
down with me -
Found it down 205
feet in the ground - and
in gravel and small cob-
ble stone.

Attended Grange in
p.m. -

Sent boy of Jigs to doctor
with letters and pa-
pers - paid - 20

JUNE,

THURSDAY 18.

1885.

We then walking olive
trees in valley - and apple
trees at well

At Arlesian well at
10 AM. carried Mrs.
Strant down for a ride

Pipe down 214
ft in the ground - and
going through splendid
clay -

JUNE,

FRIDAY 19.

1885.

At Lem at Appleton =
church.

At Artesian well and
found they had broken
the casing - at a point 180
feet from top - and had
cut off pieces of the pipe -
Took a broken shoe to
R.R. Shop - and got it re-
paired - and carried
it down in P.M.

Pipe in the ground 223
feet - and going through
sand.

Mr. French of Lansing
Minn. - has -
Also Mr. & Mrs. Ursin
of Colorado - has in use -

JUNE,

SATURDAY 20.

1885.

Ah Lem at work here in
 am. and at orchard in
 pm. - Rode to the Mex-
 ican monument with
 Mr. & Mrs. Maxwell
 Mr. & Mrs. Baird - Maggie
 Currier - & Mrs. Synch
 & Mrs. Fowler.

Had a good lunch
 and a good time - got
 home at 4:30 - P.M.

At Artisan well
 and am down 230
 feet in the ground - still
 breaking the top.

Apples of Griffin 110
 Oranges - Parsons 15-

Mr. Griffin set the
 Tangerine orange buds
 which I need from
 Florida from Griffin.
 Thompson

JUNE,

SUNDAY 21.

1885.

In San Diego in P.M.
and met Mr. Jno. L. Foster
of A.P. and

Mr. White & Mr. Hale
of A.S. & S.F.

Mr. Grant went with
me

Wrote lists in
answer to his recd.
last night - "Blifker"

A.M. Higgins here
tonight to go up on
the train tomorrow
to San Encinitas ranch -

W

JUNE,

MONDAY 22.

1885.

Took the Cars at 6⁵⁰ &
met Messrs. Truslow,
White & Stale - and went
with them to Tamaulaca
carried a box of fruit and
had a good time -

H. M. Higgins went up
on the train and J. C. Hayes
carried him over the
Encinitas ranch -

Kimball Bros Dr	
H. M. Higgins ticket	250
my expenses	50
	<hr/>
	300

Sent basket of things
to "Sister" by stage -

Oh Lem at apple
orchard

JUNE,

TUESDAY 23.

1885.

At the well (artesian)
and at noon they were
down 246
feet and in red clay

Ah Lem at work at
apple orchard

Took the engines to
R.R. Shop to be repaired

Mr. Crum - Mr. Finch
of Lansing Minn here
in P.M. -

JUNE,

WEDNESDAY 24.

1885.

Ak Lem at the orchard

At the well and found
them down 255 ft
and in sand full of
water -

Rented the two cottages
next to Morris house at
fourteen dollars per
month - from month to
month till rents are gen-
erally higher for houses
as desirable as they are
when the price is to be
raised to the price of other
houses - rent to begin
on the 1st of July -

Paid Mr. E. D. Ingalls 2.50
for burying brush & grass
on the L. W. Kimball tract.
Box & bds to Sister 25
Sent her letter & papers -

JUNE,

THURSDAY 25.

1885.

Oh Lem at the orchard
in Am. + part of P.M. then
here -

"Dister" came home
this P.M. - "Bless his"

N. W. Conklin here in
P.M. and said the colony
Overnham have offered
to take 80 per acre lots
or the entire amount
shown in this plat. at
15⁰⁰ dollars per acre - and
surrender the balance
of the land to Mr Vaughan
for any other party - cash to
be paid on the spot

Hartford Ins Co Dr
Telegram - \$1.00

At the well and found them
down in the ground - 258 ft

JUNE,

FRIDAY 26.

1885.

At Lem at the cr.
Chard most of the day
Sister at home -

In town in P.M.

Paid Mr Bidwell 10.00
on acc of grinding barley

Paid for repairing
Putney's watch 4.00

Paid for repairing Mother's
Speladis .35

Recd. of A. Titus 59.95
for 4800 bbl and
hauling and one
bbl. Cement -

Wm Hall Bros Dd
Recording Mrs Lous
Mortgage - 2.00

Down on Artisan note 267/100

JUNE,

SATURDAY 27.

1885.

Ah Lem at the creek and

Down on Artesian well 279 ⁴⁺

Mr. L. Hayden paid
me in full 13.25

In Town with Sister and
bought a Buck board of
Capron + Gordon for 1.50⁰⁰
to be paid as soon as
I get some money of the
colonists.

Sold the old phaeton
to Mr. Walker for 45⁰⁰
and recd pay for it -

JUNE,

SUNDAY 28.

1885.

Mr. Putney of Florence
Los Angeles Co. - here to
see how his men were
getting along with the well
so carried him down
and found the men had
gone to the hot springs - so
came back and he got
a team of Mr. Copley - and
went down -

Mr. R. M. rode over to W. C. K.,
& to Jim's with "Sister" &
then came home and
packed the wagon with
the things ready to start
early in the morning -

My horse more sick
so got Mr. Copley to come
up & give him some med-
icine - paid him - 50

At Leon at

JUNE,

MONDAY 29.

1885.

Went to orchard -

"Sister" started at 9, 0
clock, for Potrero -

It does seem so
hard to have her go
away again -

Rode to Mr. Griffin's
place with a Mr. Dow,
son + his wife -

At Artesian well +
found them down 289
feet -

"Sister"

300

JUNE,

TUESDAY 30.

1885.

Wk Lem at the or-
chard irrigating apple
trees - and I had a
load of water for the
Artisan well -

Putney Dr
Hauling load water 100

{ Loans }
James O'Hara Dr }
Cash (Paid 6/13) 15.00

Recd of Mr. Adams (Mk 325)

D. J. Paid Dr.
To Cash - 225⁰⁰

Check to J. Sherman
and endorsed by her -

Paid Mr. J. O'Hara 9.10
balance of funds sent
to buy tobacco - 10⁰⁰ - 90

Artisan well 291
put deep and in place -
and clay -

JULY,

WEDNESDAY I.

1885.

In San Diego with MCK
to see Conklin - but did
not find him -

Deposited in 1st Na-
tional BK - \$110,00

Drew check to M. A.
Lucas for 2500
to pay on San
Diego Abstract Co acp -

Attended Grange
in P.M.

Mr. Hewitt offered
me 1900⁰⁰ for 33 acres
of the L. W. Kimball
tract - Am to let him
know tomorrow -

At San at orchard

JULY,

THURSDAY 2.

1885.

In San Diego to see
Mr. Conklin - on Enci-
mitus matrus -

At Lem at orchard

JULY,

FRIDAY 3.

1885.

Rode in town in AM,
with Mr. Cooper - got
home before 11 o'clock
then trimmed trees in
the garden -

Mr. Capley took
"Mura" to his stable
to doctor -

Rev. Farnsworth
+ Bishop Fowler here
in P.M., and have
arranged to come out
tomorrow to see the
Janal ranch -

Oh Lem at orchard
sent box of fruit with
"Sisters" letter , 25-

JULY,

SATURDAY 4.

1885.

With Bishop Fowler
and Rev. Mr. Farnsworth
to examine the
Janal Rancho - with
a view to its purchase
by the Methodist denom-
ination as an endow-
ment for a seminary or
preparatory college.

Started at 8 A.M.
and got home at 3 P.M.

At 2 pm at we had

Recd. "Lisler's letter"

- At the International Ho-
tel to the reception. You went
with me 2 tickets 2.00
at home before midnight -

JULY,

SUNDAY 5.

1885.

At W.C. Ks. in Am
Also at G. G. Ks. in
town or two -

Called at Mr. Robinsons
in evg - a little while

Writing to "Lester"
(Bolefahe)

JULY,

MONDAY 6.

1885.

At work on sink
drains all day -

Ah Lem at orchard

We then began
budding orange trees.

JULY,

TUESDAY 7.

1885.

In Bandages with
Warren - and give
Mr Conklin instruction
in regard to Olum his
colony -

Nails		25-
Tooths	(200)	90

At the butcher's &
got meat to send to
Sister -

Recd. "Lister's" letter
tonight and have
written her -

At Lem at the
orchard

JULY,

WEDNESDAY 8.

1885.

Ah Lem at the orchard -

Writing in A.M.

Sent Sister a letter and a basket of apples tomatoes + meat \$2.50

Signed conveying about 446 acres of land to Trustee of Colony Olivian - at 15⁰⁰ per acre and required them to annul the old contract of Sale for Rancho Obertinas -

JULY,

THURSDAY 9.

1885.

Ap. Here at the or-
chard.

At work in the gar-
den in A.M. +
in P.M. rode in town
to see Mr. Conklin
- found the colony
- matters all set-
tled - and money
paid

Writing to "Lidia" in voy-

JULY,

FRIDAY 10.

1885.

At the orchard and
brought over a load of
apples + sold
Stewins + Blazon 135th
pounds at 5 cents per lb
(Weight was gross)

Also sold G. H. Parsons
out of same load - a big
box of apples weight
at 5 cents per lb.

At Lem at orchard

Brought home another
load of apples brought

Wrote "Listü" and sent
in a piece of turf by stage

Paid P. O. Lock Box
rent for 1/4 in advance 50.

Paid freight on Arsenian
will be paid 30.01 \$ 30.01
Charge to Putnam

JULY,

SATURDAY 11.

1885.

Oh Lem went over
to the orchard and
came back sick -
and quit work -

Carried box apples
to Frank Ruds 1.75
credited to my acc -

Writing to "Sister" a little
on way -
Recd. "Sister's" letter -
It is too bad that she
has to stay out there so
long -

JULY,

SUNDAY 12.

1885.

Rode to the Island at
the mouth of Swathwater
with Fred Copeland &
Frank Reed and sur-
veyed a piece of Govt
land.

In PM rode to Jims
with Mrs Robinson & Joe
and carried Mr. Wilson
some provisions - then
rode to Mr. Borders.

Wrote "Letter"

JULY,

MONDAY 13.

1885.

Oh Tom sick - and
not at work -

Sent "Sisti's" letter -

In AM rode to the
Kearney place and got
the price fixed on the
ten acres lying North
of Clark Miners - for
10 acres 30¢ - 3.00⁰⁰
for 10 " 12.50 - 1.25⁰⁰
For whole 20 acres - 6.25⁰⁰
the last ten lies

West of the first named.

Recd. of James O'Hara
for money loaned 6/30 - 15.00

Lots of people here to-
day -

Dr J. M. Coy - Kansas City
C. C. Cook Los Angeles Cal -

JULY,

TUESDAY 14.

1885.

On Sunday in Am.
to see Conklin - but
he had not got his cap
made up -

Oh Lem at the or-
chard and in the val-
ley repairing fence

I have worked at the
pump - in the valley all
of P. M. and am not
done yet -

4 Bundles lath 1.80

Recd. sent from Mr
Cary - Pr. J. F. P. \$2.00

JULY,

WEDNESDAY 15.

1885.

At work on pump in
Valley all of AM. -

In P. M. attended Grange
After Grange worked
in the front yard till
night -

Ah Lem helped me
on pump in AM - at
apple orchard part of
PM. then in front yard
with me -

Sent my letters & papers to
Sister this morning

Envelopes & Stamps. 1.10

Paid for Sister's
shoes 3.50

Paid Ah Lem 32.50

One months wages -
with 2 days out -

JULY,

THURSDAY 16.

1885.

At work in front yard till 9 AM then in town with W.C.L. to settle with Mr Conklin for our arbitration on Olmstead matters.

Paid Conklin	1,000 ⁰⁰
S. J. Baird	25 ⁰⁰
E. W. Morse	25 ⁰⁰
1/2 fee. W. J. McKinley	12,50
Geo Neal	25 ⁰⁰
	<hr/>
	1087,50

Recd. Check for

Samuel J Baird 187⁰⁰
New York draft

At ten at work 2 hrs in yard -

Employed O. N. Sanford to make a map of W. line of National Road and tide land west of that line -

JULY,

FRIDAY 17.

1885.

Rode to Tenos house
to see a French sheep
man - offered him our
ranch near that water
for 60⁰⁰ for 3 months

At Ten at work
him in the front yard
and garden -

Sent J. B. Hayes a
check for - \$225⁰⁰

Bill rendered 326

Previously paid 80
\$21⁰⁰

Got out grape under
my office window
today

Wrote letter - and sent
papers + meat - 25

JULY,

SATURDAY 18.

1885.

Ah Lem hauled a
load of wood to the
Amstair well

Putney ^{ds}

Load wood	5.00
Hauling " "	1.00
	<hr/>
	6.00

Ah Lem at work at
orchard after hauling
wood

At work in garden
till 3 P.M., then in Sun
Days

Cloth for Sister .55

K. Bros ^{dr}

Orange Boxes at Netherbus
Paid 2.00

"Sister" came home tonight
"Blif her"

Paid wood choppers 20.00
on a/c -

JULY,

SUNDAY 19.

1885.

Watering in garden
in A.M. and then
rode down to the Is-
land at mouth of Surat
water - then down the
Bay - then home -

After dinner rode
over to join with
Sister & Joe -
Mother \$200

JULY,

MONDAY 20.

1885.

Oh Lem at orchard

Hired another Chinese
man. at 30¢ per month;
he has been at work
with Lem picking off
apples where there were
too many on the trees

Mr. Brown returned
me for apples sold
Saturday .. 10.30
and charges me 2.00
for selling them -

Mr. Brown took 9 boxes
or about 540 pounds gross
weight -

Mr. Pain down this mor-
ning to see about making
out Govt. land papers -

Sold and delivered bin #2
to Mitecan 1.75

JULY,

TUESDAY 21.

1885.

At Lem at orchard
 2^d Chumman also
 picking apples -

In San Diego as a
 witness in People vs
 York et al - was not
 called on the stand as
 the District Atty did not
 think my evidence
 necessary -
 Stable bill .25

Took lunch with J. S.
 Gordon -

Expenses
 Paid Hensley as follows

8 th - 10 A lot 14 - 1/4 1st	152 - 198
Lot 5. Block 12 - (3/16)	224
Lot 8 " 75 (1/4)	206
	<hr/>
	628

Charges

Paid -

140
<hr/>
768

Received of bakery man
 bal. due on book \$6.60

At Lem & No 2 in orchard

JULY,

WEDNESDAY 22.

1885.

Paid C. H. Parsons 100⁰⁰
10²⁰
in full for Chronole to
Aug 1st 1885

Paid package to Jim .25

Recd. of H. J. Barnes 35.00
amt. of Note due me -

And paid the same to
Frank Reed or rather
to Knisell & Reed 35.00
on a/c

Paid Knisell & Reed 20.65
to balance hardware
bill on Coppleys stable -

In town in P.M. with sister
Cash sister \$3.00

Mr & Mrs. Cox of N. Y.
here in Am. -

Recd. of Mr. Bowen for app. 9.00

JULY,

THURSDAY 23.

1885.

Alk Tom + No-2 working
on road south of my
apple orchard

Sold 75⁴ apples to Parsons
for a whiff 3.00

Sold Stevens 2 Boxes apples
at 1^o each + 1 Box at
4 cents per⁴ 4.00

Hauled more lumber
on to my Homestead
claim

Mr Patmy came down
on Santa Rosa this
morning to get ready to
go ahead on Archaean
work -

JULY,

FRIDAY 24.

1885.

Mr Kern & No 2 at work
on my Homestead on
the Island - Dropped in
Am.

Joe Copleys team hauled
most of the lumber for
my house -

At the artesian well -
Mr Putney succeeded
in getting the 3 feet of 7
inch pipe and iron
out of the well this P.M.

G. W. Parsons Dr
9 Boxes apples \$9.00

Mrs Kelly came to
night to stay while Joe
goes out with sister

JULY,

SATURDAY 25.

1885.

"Sister" started this morning for Patuxent and for with her - how long - O how long -

Ch Lem + N^o 2 at work clearing out the Red house -

Lots of people here today -

Rode in town at 4 P.M. and got Sisters stove at Julians -

Attended New England meeting in evg

Sister \$13⁰⁰

Paid wood cutters by order on

M. H. Parsons 40⁰⁰

JULY,

SUNDAY 26.

1885.

Wrote a good many
letters —

Rode to my new ranch
on the Islayel with
Grant + Rofsi —

Wrote "Sister"

JULY,

MONDAY 27.

1885.

Mr Lem & No 2 felling
wood at back yard

In Sandeys to see what
I could do for Mr Thomas
in his land suit with
J. J. Farley - Can't see as
I can help him -

Sent letter & papers to
"Sister" this morning

D. Carr dentist \$3.00

Gave G. H. Parsons a check
for forty dollars 4.00
for money paid Garcia
for cutting wood

Rec'd rent of Mr. Hewitt
Bill Hone 5.00

JULY,

TUESDAY 28.

1885.

At Linn + No. 2, at work
on Olive Orchard here at
Linn -

Bought 3 cords oak wood
for Mendoza for 24.50
and am to have ten
cords more at same
price -

Also paid Garcia 9.40
for balance due for
cutting + hauling 19 cords
of wood from Surtwater.

Gave orders on G. F. Parsons
for 15.00 for Mendoza and
for 9.40 to Garcia

G. F. Parsons Dr
75th Early Harvest apples - 300

Paid Intention Storage note 550⁰⁰
Bought draft to pay
interest at Security Savings
Bank - 66.00

JULY,

WEDNESDAY 29.

1885.

At Lem + No 2 at work on
olive trees - watering orange
& olive trees.

Paid G. H. Parsons
a draft on San Francisco
payable to J. Sherman 60.00
and received therefor
P. O. Money Order 41³³
and two orders for
cash paid wood men 24⁴⁰
leaving a balance 5.98
against me for which
Mr Parsons put a card
in the drawer for that amt.

At Artisan well and
found them at work in the
7 inch pipe & down 307 ft

Recd of Dennis McE Fraser
check for (brick) 20.00
At Orchard and got
apples
Sent P. O. order to Security
Savings Bank \$41³³

JULY,

THURSDAY 30.

1885.

Al Lem & No 2 at work
on Olive trees

I have been irrigating
grape plots - Olives and
Lemon trees and
trimming olive trees

Recd. letter from "Sister"
and have written her

Paid Mrs. Kelly 2.00
for house work -

Vegetables yesterday .60

Sent Check to
Sister 2.50

JULY,

FRIDAY 31.

1885.

Wh Lam & N^o 2 at work
on Oliver's hire at
home -

Sent letter & box to Sister
at Puturo Paid 25-

Envelopes - 55-

At the Artisan well
found them down 330
at 4 1/2 o'clock - and
at work in course
sand with a little clay

In ev called on Mr -
Nesubello family at
the Nefus Stables -

Very warm today 84°!

AUGUST,

SATURDAY 1.

1885.

At Linn + N^o 2 at work
on Olivinus here at
home - in AM. and
burying Dr. Trimmors dead
horse in PM.

At Mr. Coopers in the
morning and agreed
to lay out lot in the
Cemetery for his family
and dig grave for
Mrs. Porter. Mrs. Cooper
is father - who died
yesterday - also to se-
cure services of pall bear-
ers - Mr. H. M. Higgins
Mr. E. Azelworth and G. W.
+ N. B. Kimball will attend

Artisian well down
341 feet tonight -

Recd letter from "Sister"

AUGUST,

SUNDAY 2.

1885.

At the cemetery +
set hitching posts
saw the grave for Mr
Porter completed and
came home to lunch
Then attended the funeral
at the house of Mr.
Cooper - did not get
home till half past
five -

Wrote Sister -

Frank Burgess +
Frank + Jennie Reed
in this ev -

AUGUST,

MONDAY 3.

1885.

At Linn & No 2, at
work gathering up the
olive trimmings in
the orchard. Let Mr-
Walker have 8 loads.

Paid freight on packages
from Colton30

Mr. Conrad Stroble
here to see me this morn-

Mal., Castor oil at
Frank Kudo -

Got several signatures
to petition for a Mason-
ic lodge -

Wrote Sister and sent
her two packages -
"Blusher"

AUGUST,

TUESDAY 4.

1885.

Al Lem + No. 2 at
work at home getting
ready to spray trees

In San Diego with
W. C. K.

Paid my share of
deficit in Abstract Co.
accounts 21.60
by check on Const Bk.

Kimball Bros Dr.
Paid telegram to
Oceanside (June 20) .70

Rented the little
house Block 212
at 5 $\frac{1}{2}$ per month +
recd deposits of 2.00

Mollie - Charlie + Shu-
ley Bacon here this
am. to stay awhile

Recd. letter from Sister
and wrote her -

AUGUST, WEDNESDAY 5. 1885.

Oh Lem + No 2. spraying
our trees in the
yard -

Mr Riker's wife died
last night at 6 o'clock.
And he + Mr. Vay have
come here at 11 o'clock
and called me up - and
I agreed to help them
to 250⁰⁰ dollars to
defray expenses in tak-
ing the body to Lansing
Mr. D. Hays has
to Chick \$ 250.00
to be paid in ten days -

Mr. Bithun (A.S.) paid
for his milk 21.60

Paid Joe Crain 10⁰⁰
on acct -

Vegetables 50
Worth-Lister Attended Crain

AUGUST,

THURSDAY 6.

1885.

Had em + No 2 at work
spraying trees here at
home and then at ap-
ple orchard and began
irrigating apple trees.

Had James Mc Coy
here to have me help
him in getting appointed
Collector of this Post -

At Artesian well
down 379 feet and
in sand & rock -

Trimming trees at home

Rec'd letter from Sister
and began a letter for
her (Bless her)

AUGUST,

FRIDAY 7.

1885.

At Lem + No 2 at the
apple orchard trim-
ming budded orange
trees -

Paid of Mr. Spence \$5.50
for 542 pounds of apples

Paid musician for load
of wood 5.00
and am to pay 6.40 per
cord for 5 cords -

Paid G. J. Capron \$10
for truck house 40 - 12.70
Check on Consolidated
Bk -

Mr. Vaughan paid me
the money loaned to
defray funeral expenses
of Mrs. Baker \$2.50
which I deposited in
atroc bank -

AUGUST,

SATURDAY 8.

1885.

Oh Lem + No 2, at or-
chard - cutting tops from
budded orange trees +
trimming olive trees

Sold Stevins 48th apples

Q 3-

Sold G. H. Parsons 47th
apples Q 3

Sold E. Krause 225th
apples Q 3

and 50th Q 2 1/2 etc -

Recd Check of Mr Fair-
banks for 5 M brick
at 11¢ each + \$50.00

Attended the Grant
obsequies in P.M.

Recd. letter from Sister
hoped she would come
herself -

AUGUST,

SUNDAY 9.

1885.

At home all day -
wrote an article for
San Diegoan - in reply
to an article in Courier-
Journal - copied into
San Diego Sun -

Plimpton + I were here
and settled the ar-
rangements for doing
this lumber business
here at National
City -

wrote Sister -

" Z. M. K. -
and sent him 1000
to pay for fruit jars

Worked in garden all
of am.

AUGUST,

MONDAY 10.

1885.

Oh Lem + N^o 2 at work
at the orchard - water-
ing apple trees + look-
ing things -

Have ridden all day
with Mr Rogers of
Los Angeles -

Artesian well down
400 feet at 9 AM
in hard bluish clay.

Let Chailey Bacon have
on M. E. Bacon's school
order - (60%) 50.00
Borrowed it of G. H. Par-
sons. and paid him
in Mr. Farbanks check

Bought 2 cords willow
wood - at 6% 12.00

AUGUST,

TUESDAY 11.

1885.

M Lem + No 2 at
work on olive orchard

at Artisan will +
found them down 412
feet and in blue clay -

Paid G. H. Parsons 5.93
due paid wood cut-
ters -

Paid Frazers check
for 20\$ + recd. change

Sent load of wood to
Artisan well - so

A. E. Putney & N
Load wood 5.50

J. G. Capron here -

Recd. Sisters letter
and have written her
"Bliss here"

AUGUST, WEDNESDAY 12. 1885.

At Lem & N^o 2 at work
on olive trees at Apple
orchard -

Paid Samuel J Baird 200⁰⁰
to be endorsed on note 200⁰⁰

Received of Const Bank
of School order of E. M.
Bacon - 59.50
and paid her. 9.50
and retained 50.00 59.50
to cancel the 50.00 bor-
rowed by. Charles Bacon

Recd. rent for house
on Blk 212 - 3.00
(2 dollars paid before)

In San Diego. Mary
went with me -

Hitching strap 40⁰⁰

Recd for apples .85-

AUGUST, THURSDAY 13. 1885.

At Lena + No 2 at
work at the orchard

At Lena began
work at brick yard

Yesterday I paid 5.00
to Bob. Cushman on
acc of Sam Digan

Returned rent 5.00
to a railroad man
who paid for my house
and had moved into
Warrens house -

In Sand City and got
out Mr. Holmes of S. F. -

At the artesian well 433
got down and in black
sand -

AUGUST,

FRIDAY 14.

1885.

Ah Sam in Sam Diego
and got the brick ma-
his traps and then
went to the orchard
No 2. with him at or-
chard-

Sand paper + screws, 50
Key to sand paper 35

G. N. Parsons Dr
Paid freight bill 7.10

Mr. G. N. Parsons Cr
at work on brick molds 1/2 day
on lip -

Sister returned from
Paterson at 11 am. and
brought Ella Williams
with her.

Mr. Folko + Mr. Frank
here in am.

AUGUST, SATURDAY 15. 1885.

Ah Lem & No 2 at the
orchard -

Wm man at work at
the brick yard - and
expect to begin mak-
ing brick on Monday -

1/2 doz shovels 4.50
at Reeds - paid 1.15

Paid brick iron 2.85

Subscription to pay:
Mr. Moody 2.50

Artesian well down 449^{ft}
and in yuck sand -

Paid Ah Lem 35.00
in full to tonight -

AUGUST,

SUNDAY 16.

1885.

At home all day &
have laid under
the cypress tree in
the yard -

L M, Holt, wife and
Shirley here

AUGUST,

MONDAY 17.

1885.

At Lem + No 2 at work at
orchard -

Recd of -

C. F. Waelfer

7.00

and

7.00

rent of two houses -

from July 1 to Aug 1. 85 -

Paid for two cords
wood to M. C. C. 12.00

At Artisan well - 4.54
ft and in bowlders +
gravel -

Mr Parsons at work
on brick-molds -

Began brick making
9 men - made - 7000

AUGUST,

TUESDAY 18.

1885.

Mr Levin + No 2 grinding
apples for cider in A.M.
then at orchard -

Men at work at brick
yard - made

At Encinitas on the
train and returned
by it -

Rode over the rancho
Encinitas - (N. B. K. along)
with Mr. Pottmann -
Cigars .35

Thermometer in
Zimacula Canyon 120°

1885
AUGUST, WEDNESDAY 19.

1885.

At Levee making cists
in AM. In Levee Digs
with Load of barley to
be crushed and hauled
two Load sand for brick
moulders -

No 2. at Orchard all
day - 25th Pail 3000

Attended Grange
in P.M.

Mr. Parsons G. N. re-
paired my sled over
brick kiln this AM.

Sold Mr. Norris $\frac{1}{2}$
bbl. Zinc putty red 1.75

Lowest Barometer
we observed 28.80

N. C. Kimball says he
observed a slight earth-
quake shock at 10 AM.
today

AUGUST, THURSDAY 20. 1885.

At Tern + No 2
at the apple orchard

Mr. Parsons at work
a little today -

Brick men make
today 8.020

Paid G. H. Parsons
the trailer dollars
borrowed of Henry to
pay H. H. H. for
for two cords wood

- Sister in town this
pm -

at the Artisan
will - down 469
put -

AUGUST, FRIDAY 21. 1885.

At Lem & No 2 at
work at orchard -

In San Diego in A.M.
with Mrs. Robinson
and in P.M. with Sis-
ter -

Mr. Parsons worked
a little on my sulphur
ing box -

AUGUST, SATURDAY 22. 1885.

At Lem in Sandrijs
+ got load of ground bur-
ly: then at the orchard
with N^o 2 -

At Sun water with
a nuclear and at Con-
tract to cut 50 cords
of willow wood for 50-
dollars -

In Sun days and col-
lected from Mr A
N Hawley 9300
for 9300 brick -

Also collected 2700
from Mr Bubovsk
for 1800 brick +
hauling -

Paid brick gang 9300
and over there 1500
for 7 days work + one
man 8 days -
At New England meeting -

AUGUST,

SUNDAY 23.

1885.

Mrs. Nellie Chase
died at three o'clock
this morning - but we
did not know it till
past 9 o'clock - then
went over - Sister + I to
see what we could do
- I came home and got
8 crans + put them on
outside of Chamber
windows - climbed up
on the roof to do it

Mrs. Willie Bacon
went to Sunday with
sister and will start
for Banner tomorrow
morning -

Sister + Mrs. Walker
stay at Mr. Chase's
tonight -

AUGUST,

MONDAY 24.

1885.

Rain - 13/100 inches J.D.,

At Lem + N^o 2 at the
orchard after haul-
ing a load of ureter
to the brick yard

No men at work at
brick yard except

At Lena -

Attended the funeral of
Mrs. Chase at 3 P.M.

Paid G. H. Parsons
as follows for money
paid Mechanics for wood
5-13⁰⁰ = 1800 to one man
14 to another

In all 32.00

Man Jim Babcocks
check for 2700 - do owe
him \$15.00

AUGUST, TUESDAY 25. 1885.

At Tern + No 2 - at
the orchard -

In town and collec-
ted of O. Darling 1100
for load truck -

Fred. Carlin + Fred.
Capeland surveyed the
fraction of S.W. 40 acre
lot in 14-109 -

Wood choppers began
work on clearing the
land and getting ready
to set gum trees -

Attended a political
temperance lecture
by Dr. Z. C. Gunn in
evg -

Paid No 2 Amman
for 17 month work 30.00

AUGUST, WEDNESDAY 26. 1885.

At Linn + No 2 at
work at the orchard

Two cords wood for
back yard - 10.00
Paid by G. H. Parsons
on my order for 8.00
+ 2¢ paid last night.

Mrs. H. C. Cooper here
at dinner

Wrote two articles for
Uncle Josh's column -

Recd rent of Mr. Linn 2.00
by hand of Lou Patterson on
Vegetables + washing 1.30

AUGUST, THURSDAY 27. 1885.

At Leri + No 2 at the
orchard -

At Artesian well at M
and found them 497
feet under ground -

At Record office &
gave Mr. Buzick a
description of the
two tracts of land I
bought of L + J. Co -

Printed name to Mrs
Blackwell at - \$7⁰⁰

AUGUST,

FRIDAY 28. T

1885.

At Sun + N^o 2 at
work at creek -

Rode to Mr. Croesus
in am - Mrs Grant
with me -

In PM in Sunday
to collect brick money
but did not -

Called to see Mr. Par-
sons folks - with Sister
in log -

James + Bros have
had five loads
ensley (at 1000 per
ton) of 1670⁴ each
or a total of $\$8350$
N 4185

AUGUST,

SATURDAY 29.

1885.

Ah Lem + No 2 mow-
ing lawn in AM. and
at the orchard in P.M.

At First National Bank
and borrowed 100,000
dollars for 3 moos -

Draw F.A.K. check 100⁰⁰

and paid:

Manjuin Santa Cruz	
on acct of wood contracted	
in cash	6.50
and hay of G.H.P	4.00
	<hr/>
	10.50

Paid Chinaman at	
brick yard in full	77.25-
and bal. on last	
week	15.00
	<hr/>
	92.25-

check 25-

Cash - 67.25-

92.25-

Jones Dr

Food supplies

23.05-lbs

AUGUST,

SUNDAY 30.

1885.

At home in A.M.

Visited Gregorys
Mineral Springs in
P.M. and took
a hot bath 25[¢]
After which we - Sistine
Joe & Ella - visited
the San Diego Cemetery

AUGUST,

MONDAY 31.

1885.

At work around home
in Am.

Chlein + No 2 at work
here at the house -
Whitewashing fence
in P.M. -

Rode in town to see Dr
G. W. Barnes and get
some medicine
for Jim -

3 paint brushes 1.65
at Frank Kudo -

2^d load muck 2305 lbs
to SEPTEMBER, TUESDAY 1. *pm* 1885.

At Lem at work
at home part of the
day - then watching
oliver cutting at or-
chard - then hauled
two loads sand for
back yard -

No-2 whitewashing
front fence -
This makes 2 days
for a man on fence -

At artesian well
& found it down 50.4
feet in the ground -

Met Mr S.H. Harmon
of San Francisco -
Mr. ^{Captcy} Horn of San Jose -
also " Judge J. A. Rector
of Oakland - (here at
Lemok) -

Bought 2 cords of Oak wood
and gave an order on G.H. -
for 44.00 -

SEPTEMBER, WEDNESDAY 2. 1885.

Wh Lem + No 2. white -
washing fence -

A. E. Putney contractor
on Arusecin well came
down from Los Angeles on
steamer this morning
and I paid him

A. E. Putney Dr
To Check 1st Nat BK 750⁰⁰
" paid J. A. Hara 40⁰⁰
" " Nat. " 10⁰⁰

\$ 800,00

Paid G. H. Parsons
Mendoza (wood) 1400
Levaris " 800
Bal. purposely " 500
Freight bill 378
Cash. for Vaughn (Boy) 622

1st Nat BK check - 37.00

Attended Grange in P.M.
at the Arusecin well
pup in the ground. 513 ft

SEPTEMBER, THURSDAY 3. 1885.

At Linn + No 2 white -
washing -

At Cemetery and
carried stakes for And.
Copeland, to stake out
woods + avenues -

At Spruce with lister -

At Artisan well
up in the ground 575
ft.

Postal clerk Robinson
came with me -

Attended Temper-
ance Lecture in
the evg - by Miss. = .35

3^d load ensley 2305
pounds -
Charged to Jones Bros -

SEPTEMBER, FRIDAY 4.

1885.

At Lem & M^{rs} White -
washing in A.M. on
front fence - in P.M. at
work on side walk, S-
side of olive orchard -

At the orchard and
picked apples -

Tried my first ex-
periment in putting
up fruit by the patent
process - with chem-
icals -

At Artesian Well &
found the pipe 5-25 ft
in the ground -

SEPTEMBER, SATURDAY 5. 1885.

Al Lem & No 2 at work
on side walk - &
hauled water to brick
yard -

Paid Mexican on wood-
cutting job 3.00
which with the 10.50
paid before makes 13.50

Paid Truck yard men
in gold coin 7.50
and owe them 16.50
their weeks work - 91.50

Ensley man took
his fourth load of 2305

Drew my check for 91.50
and Mr Blossom
gave me the cash -

Attended a meeting of Men
Sons in log -

SEPTEMBER, SUNDAY 6. 1885.

At home all day
till 3 P.M. Then went
to Mrs. Jones's Spinnery
and took a bath
paid 80¢

Sister at home -

Worked in the garden
a little - and on
masonic work a
little -

Jones / load ensilage -

SEPTEMBER, MONDAY 7, 1885.

At Lem hauling
sand for brick moulder
No. 2 at work on side
walk - south of house

In Lem Days - brought
out Mr McClain
of Ferrisess - rode
to Drobos ranch - &
to the Co acres east
then to Janel - & took
lunch at south end
of Valley - then to the
Hayens - then home
via Telegraph Road.

The Fred Gardner paid
C Mrs. interest on land
contract 4316
and on principal 25000
 29316

So credit W.C.K. $146,58$
Paid J.L. Pearson 40^{00}
on meat bill -

SEPTEMBER, TUESDAY 8. 1885.

At Lem + Neg at
work on side walk -

At Clark Munn
and carried an
agreement of sale for
100 acres of land from
Land + Town Co - and
he signed it -

At Artesian well +
found it down 545
feet and in sand
and a little coarse
gravel - or rock -

A. E. Putney Dr
Cash. J. Othman 20.00

G. H. Parsons Dr
Cash for wood cutters 15.50
settled with them +
accepted delivery of
30 cords total of 75.00
or 2.50 per cord for
cutting + hauling

SEPTEMBER, WEDNESDAY 9. 1885.

Ak Lem & No 2 at work
on sidewalk South
of the house - also
loaded one load
of Enslage - and
hauled a load of
water to brick yard
& one load to pear
trees in garden -

Johns Bros Dr
1 load ensilage -

G. E. Putney Dr
Paid freight 4 10

A. G. Adams Dr
Paid for telegram 1 40

SEPTEMBER, THURSDAY 10. 1885.

At 10 am + No 2 - making
sidewalk East of house
after finishing W. side-
walk

At 10 am. rode to San
Diego + paid Grothman
Ins. - ——— 1500⁰⁰
Insurance -

Rode to Old Town
and examined S¹/₂
of Pueblo Lot 1102 -
Old Town Blocks 440
and 470 - + 203rd Block
420 - tracts of land want-
ed by Jacob Grundike
- and reported to Mr Victor
that I considered the
10 acres worth 500⁰⁰
2 Blocks + 1 lot 300⁰⁰
which report was 800 -
accepted and I was au-
thorized to sell + did
sell to Mr G. -

SEPTEMBER, FRIDAY 11.

1885.

Wm Linn & N-2 at
work on front side-
walk -

In Sand Digs on the
train - met Mr. Brun-
dick at S. Street station
and rode to the Bank
and had him to ex-
ecute contract of sale
for the land sold
yesterday -

L & Town Co or Dr
Com = on \$5000 sale 40.00

signed my contract
of sale with L & Town
Co for $10\frac{74}{100}$ acres of
land in 74 to 109

Rode to stay with a stran-
ger by name
got around the whole country
With Sister Ella attended
dance in ev - .50

James Loud envelope -
SEPTEMBER, SATURDAY 12. 1885.

Ok Lem & No 2 at work
on sidewalk in front of the
house.

Sold Lot No 18 in Block
240 to Marco Williams
for cash - 250⁰⁰

P. C. Remondino gave
me deed to lot No 16 in
Block 74 - for which I
had paid him three
years ago -

Deposited in First Na-
tional Bk - 260⁰⁰

Drew check for 116⁰⁰
and paid the
Bnd & makers 91⁵⁰
for extra days work
due from test work 16.50
2 extra days work 3.50
111.50
Paid G. H. Parsons 15⁵⁰
borrowed to pay workman

SEPTEMBER, SUNDAY 13. 1885.

Paid for hauling wood
quartz to Buck yard 50

Paid wood chopper 22.50
in full for 30 cords of
wood now piled at
Buck yard - but owe
G. H. Parsons 20⁰⁰
for goods delivered
to them -

Rode over to Jim's + to
wood camp -

Paid for sweeping house
on Block 212 - .25

Frank + Jennie Reed
here -

SEPTEMBER, MONDAY 14. 1885.

McLern & No 2 at work
on side walk West of
the house. Also
hauled load of water
to wet down brick yard.

Bought load of wood \$50
for Brick yard.

In San Diego and saw
President of Chamber of
Commerce and asked
him to excuse me from
serving on RR celebra-
tion committee and
to appoint W. B. Kimball in
my place - which he
will do.

SEPTEMBER, TUESDAY 15, 1885.

Oh Lem + No S at
work on sidewalk
West of the house -

James + Co Dr
1200 Ensign 2370

A. E. Putney Dr
Paid Parsons 100⁰⁰

Paid Jo. Sherman 00
Cash borrowed ~~20~~ 00
(twenty dollars)

Envelopes .55

SEPTEMBER, WEDNESDAY 16. 1885.

Wm Lem + No 2 at work
on sidewalk west of the
house.

Rev Hamilton here
and caused me to
waste $\frac{1}{2}$ of the forenoon

Attended Orange in
P.M. and afterward
carried W.B.K. into San
Diego to attend a meet-
ing of R.R. opening Com-
tee.

A.E. Putney Dr
Paid freight on paper 4.44

Note + Rect. books 110-

Johns Bros Load visible

SEPTEMBER, THURSDAY 17. 1885.

Ah Lem + No 2 grading
sidewalk West of house

Deposited in 1st National
Bank 85⁰⁰

Paid Geo H Parsons
Borrowed 20.00
Paid O. Hara 5.00
" Freight bill 4.44
Exp at for Lem, 35.00
Draw my \$64.44
check on 1st
Natl. BK - for 64.44

Paid Ah Lem 35.00
(Due 16th)

Paid J. L. Parsons 1.25
for freight + hauling on
two barrels from Sandiego

All of this pay should
be for Friday - it apt
Attending Literary
Society in evg -

17. SEPTEMBER, FRIDAY 18. 1885.

Ch Lem + No 2 on side
walk West of house -

Rold 20ft - on N. side
of lot No 14 - Block 240
(running to alley)
to Nathan Bass

for _____ 250⁰⁰
and paid (Cash) 84'
+ took mortgage for 166⁰⁰
at 2 years - at 10/100 int.

This page should be
for Sept 17 -

Paid Mr Burys for
ack of deed 30.

Mr Young Dr 300
To 300 bank
(Handled by J. N. Ferguson)

SEPTEMBER, SATURDAY 19, 1885.

Chas & N^o 2 at work
on sidewalk west of
the house -

D. L. Parsons helped
plow an hour or two -

Brick maker \$91.50
paid by my check on
1st Nat. Bk - to order
of F. A. K.

Artisan will down 5.55
to top of pipe - or 533 dup -

A. E. Patney Dr
Cash J. O. Hahn G. H. P. - 5.00
" " " " " 25.00
30.00

Recd. of Ford Margrander
for rent of house ^{to Sept 30} 14.00

Mr. Ymouren & Mr. Han-
cock went to Sunday with
my team to attend a
Mason meeting.

SEPTEMBER, SUNDAY 20. 1885.

At home till P.M.
when I went to Gregory's
Springs & took a bath
and with Frank Reed

Jones & Bro 1 Load crails

SEPTEMBER, MONDAY 21. 1885.

Ok Lem + No 2 at work
on side-walk west of
the house -

Sister + Jenny Reed
started for Los Angeles
with Mr + Mrs. Thomas
Kimbull + Lizzie + Mr
J. Baird
I gave Sister \$40.00

Paid H H Parsons	
Borrowed for Pulney	25.00
" " A. G. Adams	12.50
" " Sister	25.00
Check on I. N. + B. K. -	<u>62.50</u>

Paid D. Lamb 100
for hauling lumber to
Sanders place

Thermometer 91° 1/2 hours
Barometer 29.90

21.
22.
23.
24.
25.
26.
27.
28.
29.
30.
31.
SEPTEMBER, TUESDAY 22. 1885.

At Lem + No 2 + No 3
at work on side walk
west of the house.

Recd. Postal from
Lester - from Sam
Dignato -

SEPTEMBER, WEDNESDAY 23. 1885.

Wm Lem + No² + No³
spraying trees at olive
orchard -

Brought home a load
of apples poor ones

I sold G. H. Parsons
one bushel apples . 150.

Carried mother
over to Jones - and
Ella went + after her

Wrote "Sister" etc. to
Angels

SEPTEMBER, THURSDAY 24. 1885.

Oh Lem & No 2 & No 3,
Spraying trees at Ohio
orchard -

At Adams run well
down _____ 553
and have just got
through sand stone
& shells -
Wrote "Fishes"

Jones Bros Dr load easily

SEPTEMBER, 1885. FRIDAY 25.

Ch Linn + No 2 + No 3
at work spraying trees
at their orchard

Settled with wood cut-
ter and paid him for
cutting - 38 $\frac{3}{4}$ cords
at 25⁰⁰ per cord 9687
1 sack barley 160
Borrowed of G. H. P. \$ 9527
and paid him with
my check on 1st N^e BK -

Dr. Risdon rode over to
the apple orchard with
me -
Met Mr. Wheat of
Charleston S.C. at
International Hotel -

SEPTEMBER, SATURDAY 26. 1885.

At Larn. + No 2 + No 3
at work. Spraying olive
trees.

Mr Shrobel trim-
ming olive trees at or-
chard.

Wrote Sister - and
recd. a letter from her
at Santa Ana -

Paid Amman at
brick yard (in full) 9/50

Attended New England
meeting in evg - a
good attendance

Mr. Thomas, wife & son
stay here tonight

SEPTEMBER, SUNDAY 27. 1885.

Attended Church in
P.M. and was dis-
appointed -

Frank Read here at
supper -

SEPTEMBER, MONDAY 28. 1885.

Ah Siu began work
and will take
Ah Sem's place while
he goes to China -

Hauled a load of wood
for the strobil and
one for me - No 2 + No 3
at work spraying trees
Ah Sem worked two
hours in the morning -

A. E. Putney dr
Paid J. O'Hara - 75⁰⁰

Packed a lot of apples
Repaired the pump-
kin at home -

Recd. letter & paper
from "Sister" at Los
Angeles -

SEPTEMBER, TUESDAY 29. 1885.

At 10 AM No 2 + No 3
at work spraying olive
trees at orchard -

Rode to Canyon with
Mr + Mrs Wheat and
Landlord Coffman
of International Hotel
Called at R.G. Clarke
U.A. Cowles - J. M. Ash-
er + c -

By H. Parsons N
About 100 pounds yellow
Bellflowers

SEPTEMBER, WEDNESDAY 30. 1885.

At 10:4 No 2 & 3 at work
spraying trees & getting
wood

Took a ride with Mrs
& Mrs Hadley all of P.M.

OCTOBER, THURSDAY 1. 1885.

At Soil + No 2 + No 3
spraying trees and cut-
ting / grass around olive
trees in valley

Recd. of Mr Parkman 1035
for 346 # apply - delivered
a month or two ago

In San Diego and col-
lected \$ 800⁰⁰
of Jacob Grunders for
of J. S. Lord + Son Co

At Literary Society
meeting and up hold my
criticisms for the last
meeting -

Sister returned from
Los Angeles this P.M.

"Bus hi"
Literary collection .25
Hair cut + shave .50

Book \$ 3.50

OCTOBER,

FRIDAY 2.

1885.

Oh Sm - No 1 & No 2. Spraying
ing trees here at home

M. Strobel trimming
olive trees at 20 acre
orchard -

Brought you two Holo-
an slacked lime and
have sprayed trees by
using 20 # to 50 gals.
water - with 1 1/2 # soap

J.D. Z + Town Co. Dr
24th Road 950 00
Com. & Tractor sale 45 00

995.00
Rec'd on Cooper acp. 595 00
" Kimball " 107 40
" Trimmers " 160 00
" Putney " 38 97
" Cash (bal) \$ 93 63
\$ 995.00

Putney Dr.
Paid C.S. R.R. 38.97

OCTOBER, SATURDAY 3. 1885.

Ok Son - No 1 and No 2
spraying trees here
at home

Settled with Ah Lem
and paid in full 12.15

Recd of Mr L Jordan
for apples (last year) 14.15

Stroebel. trimming
olive trees and his
boy picking olives -

Mrs Goldsmith +
Mrs Dugan - started
from Mr. Fields
for San Francisco
by steamer -

Mr Hadley's people
started for Kansas
after one week's stay

OCTOBER,

SUNDAY 4.

1885.

At home till
3 P. M. Then went
over to Jino with
sister -

OCTOBER,

MONDAY 5.

1885.

At San + No 2 + No 3
in valley getting ready
to spray trees -

Sent P. O. Money order
for Eighteen dollars 18 00
to Aurora Lodge
No 43. F + Ann
Hemlock N.H.

Frank Hawkes
+ Mr. Knowles here
in camp.

OCTOBER,

TUESDAY 6.

1885.

At Ivi + No 2 # No 3
picking olives in
the valley - and I
have been sorting
out 40 gals of large
ones for exhibition -

OCTOBER, WEDNESDAY 7. 1885.

Ok Sent No 182
Spraying trees in
Valley -

Settled up with
tree makers and
paid 76.80
and our land 76.80
and two other 1200
Chmanu 1000
38.50

Borrowed of
G. H. Parsons 15.00

Paid Mr Strobel
boy — 2.00

Attended grange in
P.M. and for the
first time since its
organization there
was no quorum.
Present F. A. K. McK
wife - Mrs Robinson Mrs
Grant & Mrs Parker -

OCTOBER, THURSDAY 8. 1885.

At Linn spraying trees in
Valley - and the Orange
Nursery -

Mr Strobel and I
his time yesterday 9 days
for which I am to pay
this amt. to Mr Peffer 75
That amount -
and also for work on
Artisan well 5
days -

Rented the Langdon
House to Mr Wise -
on an at 15⁰⁰
per - month -

Bro screws 11-13/4 50
Et on harness 10
68-

In Sand Digs + mt of
M. E. Coy. of Kansas
city -
Mr Lem started
for China -

OCTOBER,

FRIDAY 9.

1885.

At Sea + No. 1 - + 2
Pickling olives at
home place

Sent Mrs. E. Langdon
P.O. Money order 14.90
7.00 —————
Total sent recd. - 15.00

At work on Olive box

Subscribed for the
Weekly Chronicle for
James Currier 2.00

OCTOBER, SATURDAY 10. 1885.

Ah Sin No 1 & 2 at
work picking olives
Fred Copeland helped
me make olive tank
about $\frac{3}{4}$ day -

Envelopes 65

Settled with

Ah Lena and the
two other Chinamen
and gave Ah Lena
a check on 1st Na-
tional BK for 57.50
to balance -

Moved printing
from the London
house. and am
too tired for anything
took a hot bath

OCTOBER, SUNDAY 11. 2 1885.

At home all day
Mrs. Williams & I
ella rode to my
myo. stay with
Mora -

OCTOBER,

MONDAY 12.

1885.

Set up the stove &
broke the first fire
of the season.

At Sir No 1 & 2 at
work picking olives

Put 11 cans by into
240 gallons olives or
176 owners -

At work on an olive
tank - to hold 250 gallons.

G. W. Parsons paid 3.00
toward his freight
bill on goods -

38 cans by - 3.75
at Parsons

OCTOBER, TUESDAY 13. 1885.

Oh Sir No. 1 + ~~1/2~~
Oliver picking sick

Paid for shoe mending 1.35
Shooter tickets 2.00

Sold 1000 book to Mr -
Hawes 10.00

In Sandiego in P.M.
Making Oliver tank

Mrs. Williams Star-
for home this P.M. -

Attended B.L. + S.C.
in ev-
Paid oil assessment .15

OCTOBER, WEDNESDAY 14. 1885.

Abner + N^o 1 + N^o 2
making skins &c

In ev. - with Listin
for - Ellen + Mrs.
Victor attended the
Theater in San Diego

Love Kupn 1.00

Deposited in Bk 123.00

Rode to San Diego in
P.M. (W. C. K. with me),
and met G. D. Copeland
and E. W. Mirin and
went over all the ques-
tions in regard to the
County Fair - and they
both agreed that we
have been treated
in a shameful man-
ner by the Horticultural
Society

OCTOBER, THURSDAY 15th 1885.

Wh Lin. No 1 + No 2.
picking olives -

Have not been well
today so have not
done much -

- Rain -

OCTOBER,

FRIDAY 16.

1885.

At Sun & N^o 2 of
work digging gravel
for Mr. S. Hayward
who was killed on
the Railroad.
N^o 1 picking apples
and repairing fence

Attended the funeral
- Have worked too
hard digging the
gravel - had a sore twice
as much as I ought to
- could not eat a bit
of supper

Trd. Mary Vander by
Cash for rent 7.00

Quite a heavy shower
last night and a
slight one this A.M.

OCTOBER, SATURDAY 17. 1885.

Ah Lin smoothed
the sidewalk around
our 4 blocks (on 3-
sides

Ah - No 2, picking
over apples then
both at the orchard
picking apples -

Rode to Astorian with
with Mr. Wiseman -
also to my apple orchard

In P.M., rode to the
valley east of Mr. Lakes
place - with G. L. K.

Paid Ah Lin No 2
Chamman to bal-
ance in full -

OCTOBER,

SUNDAY 18.

1885.

At home all day.
reading most
all the time.

1 Paid one of Mr.
Putney's order 7.00
on order of James
O. Hara.

OCTOBER,

MONDAY 19.

1885.

Paid Ah Gin	23 ⁰⁰
in full for work he having worked twenty days in this month - there hav- ing been 77 working days since the 20 th of July - out of which he has lost five (5) days Previously paid <u>60⁰⁰</u>	
Total	<u>83⁰⁰</u>

Ah Gin & No 2
at the apple orchard
and finished picking
the full apples - then
picked olives -

Rent of Mr Black-
well. 10⁰⁰
Rented the house
Aug 27th at 7⁰⁰ per month

Mrs Robinson & Mr Down
called this morn

OCTOBER, TUESDAY 20. 1885.

Am I'm cultivating
here at home.

№ 2. mowing lawn

I have sorted of -
plus - Sold G. H. Parsons
4 box and 3 boxes
apples at 3 cts lb.

A. E. Palmer Dr
freight on tools 4.25

Whiskey 6.50

Paid Jo (borrowed) 8.00

Lump shade - .25

OCTOBER, WEDNESDAY 21. 1885.

Wk in cultivating at
apple orchard -
No 2 at work here

Attended Grange in
P.M.

A. E. Putney W
Cish. O Hara - 5.00
(of H. H. Parsons)

OCTOBER, THURSDAY 22.

1885.

Ah Siu Karrowing &c
" No 7 - at work in the
yard - clearing up &c

OCTOBER,

FRIDAY 23.

1885.

Wm. Linn + No. 2 at
work cleaning up
making up barrels
+ all day and
I have been at work
with them -

In evg. attended
a meeting, at Her-
bert Hall - to
arrange for the
coming R. R. celebra-
tion -

OCTOBER, SATURDAY 24. 1885.

At Lin & scraping west
of stable - No 2. Clear-
ing up - irrigating trees
&c

Have been bothered
by Insurance Agents
& Land grabbers & c
half the day -

Attended New England
meeting in evg - & c
full house -

OCTOBER,

SUNDAY 25.

1885.

Rode to Artesian
well # with A. E. Putney
pore to my Sweet-
water well - and should
I decide to finish that
well Mr. Putney agrees to
work with all of his ma-
chinery and men - & board
themselves at twelve (12)
dollars per day - as long
as I like to work -

He also agrees to fur-
nish all materials
and bore 3 wells 65 feet
deep - or to a sufficient
quantity of surface wa-
ter at (100) a dollar & a
half per foot - or for 75 cts.
per foot and I to furnish
pipe.

Mrs. Williams &
daughter May & Mrs. Tu-
gday & children - her vis
R.M.

OCTOBER,

MONDAY 26.

1885.

Ah Sir scraping into
N. end of Olive Orchard
W of house -
N. E. 2 - making cider

I have done all kinds
of work - and wrot
lots of letters -

Mr. & Mrs. Coffin
arrived by tonight's
train - Sister Jane
& met them -

Recd. draft for 250⁰⁰
from W. A. Horton as de-
posit on C. J. Bairds 10
acres - balance of 1350⁰⁰
to be paid Dec. 12, 85

Paid telegram from
H. C. Sibley - 150
"offer declined for 1st
present expected to be there
December -
H. C. Sibley

OCTOBER, TUESDAY 27.

1885.

At San Francisco
Ch. Lin. No 2 - back
and did not work -

In San Diego and rent-
ed the Jubal Rancho
to Marco Bruschi - for
one year - for 450⁰⁰
and pay Marco 50-
1/2 cash balance.

May 1st

Recd. of Mr Smith 5.00
for digging Mr Hayward's grave
Henry Coffin rode
in with wife -

Paid -

G. H. Parsons

26.60 Wood choppers

15.00 Borrowed -

8.32 Postal order C. B. Durill

3.00 Postal note to Mr Holt

5.00 O'Hara - for A. E. Putney

57.92 gave check - on
1st National Bk -

250⁰⁰ deposited in same
Bank -

OCTOBER, WEDNESDAY 28. 1885.

At San scraping
North of the house

At San No 2. sick
& not at work

In San Diego and met
L.W.K. at Commer-
cial Hotel - got break.

Just .50
Lease blanks .25

In San Diego in P.M.
and visited the San
Diego C. Fair. .50

Recd. for brick 11.80
of Dr. Arnis -

Paid J.W. Thomson 25⁰⁰
on telephone exp

P

OCTOBER, THURSDAY 29. 1885.

Ah Sin scraping
Ah Sin N^o 2 making
Cading
Paid Ah Lin \$30.00

Collected of Cal South
ern for commissions
on sale to Munn 40.00
" " W D T Truor 40.00
80.00

Rented Junal rancho
to Marco Bruschi for
1 year from Jan 1st to
Dec 31-1886 for 45000
Paid M Bruschi 2500
" Klambertson 1350
W des comit note for 3850
225⁰⁰ due Apr 28 41150

Paid New England So-
city dues & Lushes 2.00

Attended Literary
Society meeting in eve-
ning
M Mc Cleary arrived
last eve on train

OCTOBER,

FRIDAY 30.

1885.

Ah Lin. Scraping

Paid him 32.00

in full for one
months work

Ah Lin. fat work in
various places

Draw check to

G. H. Parsons 50.00

To pay Ah Lin 32

* for expenses to 18 Runs. 50.00
Paid -

Paid G. H. Parsons 30.00

borrowed to pay Ah Lin -

* to pay Pettin (for 6.00

load wood to Pet-

neys - Arisian well)

and for postal note 3.11

Paid him (Check 39.11
80

of 2 + 7 60) 40.89

Rec'd cash

Deposited in Bank \$ 457.00

OCTOBER, SATURDAY 31. 1885.

Left home for Riverside on morning train - Stage fare to Riverside from station 50

Attended meeting of fruit growers at Greenwood Hotel - + made two speeches - Society not organized -

At home at work sewing
At home at work sewing

31
30.11
20
40.89

1855
NOVEMBER, SUNDAY 1. M 1885.

At Riverside - At-
tended Church - Rode
Mr Hunt -

After lunch, rode over
to Z. M. Holts -

NOVEMBER, MONDAY 28 1854

Rode down to Magnolia Avenue with Kundal Halt - Paid 1.50
Fare to Station .50
Hotel bill 3.50

Tram late 3 hours
Dinner at Fullbrook 50

Arrived home at 8 PM
and met Jo. Scott of
Boston -

Ah Lin at work
scrapping Ah Lin at
work -

NOVEMBER, TUESDAY 3. 1885.

Ah Sir scraping -
" Sir picking -

Recd of Mr Hewitt
in full for rent 10,00

Have written ever
so much today
and am too tired
for any use -

NOVEMBER, WEDNESDAY 4. 1885.

At Lin scraping on
sidewalk -

At Lin picking road
bank -

At Leno - picking
3/4 day - at 1.25 per day -

Rode to Zelysoph
Canyon - to examine
a new discovery of
some curious insect
(by Mr. Griffin) took
Mr. G. with me - got
home at noon -

I think it is the Woolly
Aphis -

Attended Grange in
P.M. after which I
rode to Duluth &
showed a party 2. W.
K's land -

2 Vols. Encyclopaedia Bri-	
tainica	12.00
Paid Thomson	<u>1.00</u>

NOVEMBER, THURSDAY 5. 1885.

Went in scraping
" in picking
" Lema " for fil-
ling in west of the sta-
ble!

With Mr. Stevens S. of
Sweetwater and showed
him land for nursery -

A. E. Putney Dr
Cash to J. C. Hara 5.00

NOVEMBER, FRIDAY 6. 1885.

James Kennedy
San Bernardino
Correspondence Calif
by Nov 15

At San Bernardino
" San Pedro
" Loma - "

M. P. M. rode to San
Diego - W. G. H. with
me - to see my two
low of A. & P. R. R. - Geo
McKesson & M. McK.
also of A. & S. P. R. R.
and Col. Pond of Kan-
sas City - and after
taking them into the
Fair building - I ar-
ranged to go up the
C. S. R. R. tomorrow
with them in their
private car

NOVEMBER, SATURDAY 7. 1885.

Ah-Lin scraping *
picking apples -
Ah-Lin picking
" Lena picking -

Started at 7²⁵ for
Immaculate - At San
Diego, went into the
Portland car with
McKerson, Trustlow
Nichols & Pond
and went over at 7:10
+ A. T. & Co. Fe affairs
as connected with
the C. & P. R. - Arrang-
ed with Mr. Trustlow
for transportation for
an excursion agent
to go east.

Returned by train
at 6¹⁵ -

And then rode to B. G.
Bunhams house and
met a family of 12
persons. Mr. Walsh -

NOVEMBER, SUNDAY 8. 1885.

To Scott & Mr Ware
high - rode with them
to Sanitarium -
and after breakfast
carried them to the
steamer and they
started for San Fran-
cisco -
loaned them 12⁰⁰

NOVEMBER, MONDAY 9. 1885.

At Rio Scraping
" Tin picking
" Lona "

With Mr Walsh over
the country to hunt
land -

Selecting apples to take
to Los Angeles -

Miss Denton came
home with "sister"
this evg - -

Made deal to Marcus
Williams of 15 x 25 feet
extending of Lot No 17
to a 2 1/2 foot alley -
in Block No. 240

NOVEMBER, TUESDAY 10. 1885.

Oh Sir scraping a
part of am. Then
hauling wood for Mr
Strobel -

Oh Sir picking
Oh Lena "

Helped Mr. Theron
Parsons measure
his $\frac{1}{2}$ block and lay
of alley -

At Orchard and
picked fruit to take
to Los Angeles -

Recd rent for the F. A.
field house from
Mr. Wenz \$7.50
from Oct 7 to Nov 7 -

Paid for newspapers .53 -
P.O. Box rent .50

NOVEMBER, WEDNESDAY 11. 1885.

Ch. Sir hauled wood
in am - Scraping in
pm

Ch. Sir putting
" sand at work on
front sidewalk

Packing apples till
10 am. Then to cemetery
and lot No 187 - for Mr

Picked apples on
the way home from
cemetery - and again
packed apples till
after dark - All to
go to Los Angeles for
the annual meeting
on the 16 - inst -

Mr Geo. Ridgway here
in P.M. - Mr. J. -
train at lunch

NOVEMBER, THURSDAY 12. 1885.

Mr. Lin scraping
" Lin picking
" Lena at work
on front side walk -

At the office - then
at Mrs. Brewster's
and got Pommyran-
als - and Persimmons
and enjoyed oranges
and flowers -

In P.M. drove down
to Arisian well with
Mrs. Brown and
Stovins - and showed
them land. at one
chance and got them
a lot of apples -

NOVEMBER, FRIDAY 13.

1885.

1/4 reel - 5 - 25¢ - 1/2 reel - 4 -
 6 + 7 - at 20¢ - 70 acrs. in
 .22 - at 50¢ - 40 in 22 - at 40
 # gun 6 m a 9 Adams +

Sister drove me to the
 Steamer - board for Los
 Angeles - to attend the State
 Horticultural Society's
 meeting - and when on board
 found neither of the other rep-
 resentatives from this country
 on board - and worse - that
 the S. D. Co. Hort. Society had
 taken their entire exhibit of
 200 samples of fruit from the
 steamer freight - and which
 was to have been exhibited
 with mine at Los Angeles -
 Shame on such conduct
 D. W. K. - with me on his
 way to Oakland -

Paid fare	5.00
" J. Russell -	3.75
Sister	6.75
	<hr/>
	15.50

3 Chinaman at work -

NOVEMBER, SATURDAY 14. 1885.

Ah Lena a 1/4 off -

Arrived at San Pedro
at daylight and at
Los Angeles at 9 A.M.

At Geo. Licio's office and
found that none of the
State Horticultural So-
ciety had arrived -

Accepted an invitation to
the Los Angeles National
Bank to meet its President

- Col. Bonebrake - and
was by him introduced
to half a dozen mining cap-
italists - who wanted to
learn in regard to mining
property in San Diego Co.
Found the people very cor-
dial -

In evy attended the Opera
House - and was not well
paid for my time -

D. Met 100

Han cut - share, boots - 65

Papua + 10

At St Charles 1.75

Habit -

NOVEMBER, SUNDAY 15. 1885.

At 10 o'clock took train
for Pasadena -
Met - Admiral. Kase
U.S.N., at Mrs. Carrs.
when I staid at lunch -
after which Mrs. C. drove
me all over the town to
see orchards and vineyards
and especially to see Mr
Happens olive orchard
Mr. H. drove me through
the orchard - from which
he has picked but not ber-
ries - from about 1300 trees.
this year -

Drove to Raymond Hotel
city - building of one story
of the 3 stories -

Took train at Raymond
Station and arrived at
Los Angeles - at 4 1/4 o'clock -
Papers - 5.10

Wednesday 18

NOVEMBER, MONDAY 16. 1885.

Mr. In. Mr. Lena & Ah
In at work grading
sidewalks - hauling
wood - for Mr. Strobel -

Have worked all day - on
decoration of Hotel for
the Great R. R. celebra-
tion of tomorrow -

Paid for 2.00

Thursday 19

NOVEMBER, TUESDAY 17. 1885.

Rain - no work for the men -

Great R.R. celebration

Monday 16

3 Pearmain at work

NOVEMBER, WEDNESDAY 18, 1885.

Am Liza, is 1/4 off

At St. Charles Hotel Los Angeles.

Went to Opera House Hall and found my fruit had not arrived so went to the officers of the Pomological Society to learn why - and could get no satisfaction so started for the Freight depot and there could learn absolutely nothing about it. so hunted the cars and found it and at 10 o'clock had it in the Hall and have concerned the rest of the day in arranging the fruit exhibit in the Hall. The only one approaching it brings a few samples from Downey City - These being W. W. Pearmain + White Pippin both of these to light in weight to compare in value to mine.

Have been sick enough to be in bed all day - with cold so at 7 o'clock. I'll go to bed -
"Bliss in"

6
Sunday 17

NOVEMBER, ~~THURSDAY~~ 49. 1885.

At Los Angeles State
Horticultural Con-
vention in Am.

Hotel bill	6.75
R.R. ticket to Colton - and return	4.50
Dinner Colton	.50

Left Los Angeles at 2.
P.M. for Colton - and
Colton for National City
at 9 1/2 P.M. train being
an hour late - and the

3^d Through Train over
the Atlantic & Pacific R.
and
California Southern R.
from Waterman to its Ter-
minus at National City a
road which owes its exis-
tence to me - I received 10
my dollar that built it -
Who thanks me for it now?

NOVEMBER, FRIDAY 20. 1885.

Ah Lin + Ah Lin at
work grading in front
of the house -

At Hotel and paid
for half the supper bill
for 184 persons who
sat at our entertainment
banquet yesterday
Drew my check for 3

In Savings and borrowed
of 1st Natl. BK - \$ 1250⁰⁰
and drew my check 1226⁰⁰
to pay my Oakland
taxes and telegraphed
it to Pacific Bank S.F.

Also deposited \$ 750⁰⁰
in Consolidated Natl.
Bank and had it tele-
graphed to same BK -
and all ————— 2126⁰⁰

placed to credit of
L. W. Kimball

Rent of Mrs. Margruder 700
Butter apples 150

NOVEMBER, SATURDAY 21. 1885.

Ah Lin ah Lena & Ah Lin
at work grading in front
of house -

Mr. Dolbeer & Phil Moray
here - took them to the ap-
ple orchard -

Also two other men

Recd of R. D. Vaughan 20⁰⁰
on rent a c. p.

Cleared up the wreck of
the RR. celebration at the
Hall -

Paid freight on will paper
for lumber & water well 10.26

E. A. Portney 24
Lond wood Pelton \$6.00

NOVEMBER, SUNDAY 22. 1885.

At home all day
too sick for any
use -

Sumo at thro. -
my head would
burst -

NOVEMBER, MONDAY 23. 1885.

At Lin. At Levee &
Ma Loui at the orchard
hauling off - Olive
bush - and picking
apples - brought home
about 10 bush

Sold Mr Robinson
2 Boxes pippins 300

Sold Mr N. L. Stevens
2 Boxes apples 300

Sold F. H. Parsons
4 Boxes apples 600

A. E. Putney Dr
Cash to J. O. Harp 2000
Borrowed of G. H. 10

NOVEMBER, TUESDAY 24. 1885.

Ah Lin cutting
at apple orchard.

Ah Lena sawing wood

Ah Lin picking on
side walk -

Sorting apples all
day in early -

Sold G. H. Parsons
803 # apples @ 3 - 24.24

Sold N. B. Stevens
2 Boxes apples 100# 3.00

NOVEMBER, WEDNESDAY 25. 1885.

Rain this morning
an hour or two -

Al. Lin scraping in AM
after hauling a load of
wood from back yard

Al. Lena sawing wood

Al. Lin sorting apples in
m. am and picking
apples in P.M.

In San Diego in P.M.

Repairing harness	25.
2 Gopher traps	1.50
Pr. button boots	3.25
1 top boots	4.25
	<hr/>
	9.25

Paid A. G. Adams com-
mission on sale to Stephens
Brown - \$100.00

Sold N. Z. Stearns
250 # apples 7.50
McSibley came last evg -

NOVEMBER, THURSDAY 26. 1885.

Ah Lini cultivating
in apple orchard.

Ah Lini picking apples

Ah Lina grading in front
of the house -

With Mr H. C. Sibley at
my apple orchard
also with Mr Wilkins

At Thanksgiving dinner
at J. N. Victor's - with
Sister Jo - + Carru -

Mother and Ella at Jims
to eat dinner

3 boards .50

NOVEMBER, FRIDAY 27. 1885.

Ah Sin hauling wood
for Mr Strobel.

Ah Sin picking apples

Ah Sena grading in
front of the house.

With M. W. C. Sibley all
over the Clay Ranch - also
to Mr. Harveys orange or-
chard.

at Mr Valentines in the
morning and got refusal
of lot 16 in Block 115
for 150⁰⁰ dollars.

Mrs Perry here in eve-

NOVEMBER, SATURDAY 28. 1885.

At San cultivating
in apple orchard.

At San picking apples
in A.M. shoveling in
P.M. in front of house

At Sena - shoveling
as above and paid
At Sena on acct 7.00

In San Diego and met
Dr. McCoy & Mr. Mulkey
& Mr. Gouss (West) -
Mr. Morrill - Mr. Mer-
cill (of S.F.) and Col. Mil-
ler and Mr. Groundike
at RR office and could
not get Prest. Sibley to fix
any price on Block 1460 for
which Mr. Groundike offers
150⁰⁰ - Telephoned Mr. G -
to that effect. 1250 bricks
Red. of G. N. Roberts 11.25
Baker - 6.50 -
Box Apples. recd - 1.50

NOVEMBER, SUNDAY 29. 1885.

Inditing 1881 Letter Book

In P.M. - rode down town
and walked out on the
wharf - with Ella & Jo -

NOVEMBER, MONDAY 30. 1885.

Ah Lin. Cultivating here

" " Cash check 32.00

Ah Lin, grading in front
of house -

Ah Lena sick

Mr Roberts paid 1.00
for brick -

Met Mr. Orton & Mr
Riddock of Chicago -

Also Mr. Worth of SD
& Col. Miller - & Mr
Muller - of SD -

Sister 2.50

J. L. Parsons Dr
check 50.00

DECEMBER, TUESDAY 11, 1885.

At San Cull outing here
at Lin. going around
Lemon trees & setting
apples -

At San Diego
in San Diego -

Sold apples .80

Sent to San Diego Union 1.25
for 25 copies daily -

Sold $\frac{3}{4}$ of $\frac{1}{2}$ of ten acre
lot 5 - 20r - at 153 - for
one thousand dollars to
G. H. Johnson \$1000.00

Mr Crowell & J. W. Thomson
here -

Rented K. Bros land east of
msbu - 175.00 for the sea -
son - L & S. Co lease there
at 50¢ -

DECEMBER, WEDNESDAY 2. 1885.

Ah Lin harrowing &
hauling wood for Adam
Chase -

Ah Lin & Ah Lena
at Brickyard -

Fixed the brick kiln
this morning. Conrad
Strobel foreman -

In sundries and de-
posited drafts for 1250⁰⁰
with 1st National
Bank

and drew my check
for \$50⁰⁰
which I paid to
Josephine Sherman.

Recd of Mr Robin 125⁰⁰
as 1st part on sale of 5 acres
in Artisan well tract
balance in 1-2-3-4 & 5 years
Sold G. H. Parsons - 10400
bonds apples for \$44,40

DECEMBER, THURSDAY 3. 1885.

Ah Lin harrowing here
at home - and on Rev.
Heacock's ten acres -

Ah Lenu + Lin at The
Brick yard -

In San Diego and made
lease of all of Warren's +
my land above m -
my mules - for \$165⁰⁰
also collected 60⁰⁰
Land + Town Co for
lease of Floway tract and
1 3/4 quarter sections on
National ranch -

Paid Klambert + Lin 8.68
in full -

Paid Mark Bond 100
use of horse at Brick yard

Mr J. L. Parsons drew
a ton crushed barley from
Capron + Gordons -

DECEMBER, FRIDAY 4. 1885.

Ah Sin hurrying on
Hacocks ten acres -

Ah Lena + Sin at
Brick yard -
Paid Lena \$2.00

Rode with Mr. + Mrs
Dickinson + Mr Libby
all over stay to Harry
and back via Griffins
had a good time -

Paid Mr. Patta 60⁰⁰
collected of Hills Bros
on land lease -

Envelopes 60

Saturday Cont'd
Mr. Keeble here to
see about organizing a
water & - probably
would go in with him -
Mr. Williams of Waho. Neb
here with Mr. Belmaker

DECEMBER, SATURDAY 5. 1885.

Ah Siu harrum on
Aracocks lot and then
hauled lumber from
back of the barn and
from the lumber yard
to build fence around lot
in rear of office -

Ah Lena + Siu at brick
yard.

Rode in town in P.W. and
deposited in Bk \$255⁰⁰

Mr Lohmann paid me
for 618⁴ apples C³/100 \$18.50

Mr Perry paid for hay 9.00
cutter

Recd. of Mr. Walsh 5.00
Rent for B.K. Burnham

Attended Panorama in
Sister - Mother + Ella 2000
Sister - \$10.00

DECEMBER, SUNDAY 6. 1885.

Attended funeral of
Mr James H. Guions
little child -

at home after the fu-
neral - till after 4 P.M.

Mr Baird, S. J. here at
breakfast - -

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page]

1885. DECEMBER, MONDAY 7. 1885.

Ah Sin hauling wood to
brick kiln and scraping
in front of house -

Ah Sena + Ah Sen at
brick yard -

Rode with Messrs Dickin-
son + Sibley all of P.M.
looking over L + Town
Co. property

Court Plaishe .15

Mr. Stevens in this morn -

DECEMBER, TUESDAY 8. 1885.

At San scraping in front
of house and on North
side of Olive Orchard -

Finished burning kiln
of brick and paid in full
At San

" Lin	15.00
" Lin	12.75
" Ches	6.75
" Pon	12.00
" Sam < Chuck 63 ⁷⁵	<u>15.75</u>
" Conrad Stroebel	20.00
	<u>88.75</u>

Recd. amt of W. F. Hark	7.50
" for apples	3.75 -

In San Diego in P.M. with
Mr. Wiseman -
All of A.M. rode with Goldok-
inson & wife & Mr. Sibley to the
Sweetwater Canyon and flowage
tract, + home via Whitney's
Highway, Wells Dwyer &
and Paradise valley and -
Sanatarrum -

1885.
DECEMBER, WEDNESDAY 9. 1885.

All in scraping -

Rode to Sweetwater with
Mr. Nesiman in the
morning - and with
Mrs. Dickmon at 10
am. till most night
Agreed to sell the
Garlin House Lot (ex-
clusive of house) for 1250⁰⁰
dollars and five or
ten acres of sister's piece
adjoining lot at two hun-
dred dollars for an -

Sent P. O. order to Union
Iron Works Los Angeles
on acct of work order for
Mr. Putney 28.80

Paid G. H. Parsons 20.00
borrowed for Ottawa
on Mr. Putney acct -

DECEMBER, THURSDAY 10. 1885.

Ah Sin at work scraping.
Mud of house -

Rec'd draft from W. H.
Horton - \$1350⁰⁰
in pay ment for
the tract of J. B. Baird
about ten acres
Also deposited $\frac{50}{1400⁰⁰}$
in coin

Shaved - .25

Bought of Burygo
ten acres of land for 650⁰⁰
to pay 250⁰⁰ cash -
and balance - 3-6-49 months
or 12 months if I want it

Let contract to grant 60 acres on
West side of National Av -
to Ah Zenda for 100⁰⁰
settled with Ah Zena
and our firm - 15⁰⁰
Total 2476 - paid 7⁰⁰ + 2⁰⁰

1885.
DECEMBER, FRIDAY 11. 1885.

M. J. in at work scraping and hauling wood for Strobel -

Paid Ch Lin - 30⁰⁰
in full for all work done to date -

Sick all of last night

Rode to South of Sweetwater with Fred Copeland and surveyed

Sixty (60) acres of land for the Chinaman to cut the brush -

In P.M. rode to town of San Diego - sister with me

Adelena, Dr. Box apples delivered to Low Ke 150

Carried basket apples to office of Land Survey
Telegram to Zoo Angeles to Mrs Rice 40

DECEMBER, SATURDAY 12. 1885.

Went in scraping & hauled a load of 400ft of R.W. Pds. from lumber yard to finish Mr Parsons fence -

At Directors. C.S.R.R. meeting - I made motion and it was voted to call a meeting of C.S.R.R. Stock holders. to take such action - if any be necessary - to comply with the Statutes relating to the increase in the Capital Stock of C.S. Railroad -

In San Diego and brought out Dr. Hallington - to look of land and showed him the ten acres which I had taken contract of sale for - Carried him back to San Diego - Left basket of apples at S.P.R. store -

1885.
DECEMBER, SUNDAY 13. 1885.

With Sister. Carrie L. Coffin and Mr. Roberts + rode over Otay valley to Harrys ranch, and went all over his orange orchard then home via Sweet-water.

Horse feed at Harrys .50

DECEMBER, MONDAY 14. 1885.

At Lin scraping and
hauling wood for Tom
Chase.

At The Palmer House
with Fred Copeland to
see how much it would
cost to move it -

Writing to W. B. Strong in
P.M. and evg -

DECEMBER, 31 TUESDAY 15. 1885.

W. M. Scragin &
hauling water to well
boreo camp

A. E. Putney Dr
Load water 1.50
" Wood 5.00

In Sandies in P.M.
and rented the Lamb
tract 70 acres and 30
acres N. of the river -
to a Frenchman
for one hundred \$ 100⁰⁰

W. C. Kimball or
Ried. of Frenchman on 30⁰⁰
Frenchman's lease ex-
pires May 31. 1886.

Deposited in Bk. \$100.00

DECEMBER, WEDNESDAY 16. 1885.

At Lin scraping, pick-
ing apples &c

Sent to Ed U. Harrison
10 Olive trees 4.00
500 Olive cuttings 12.50
Sent Bill - \$16.50

Rode with Sibley in
P.M.
and with Mrs Vic-
tor in A.M. and
selected her lot south
of Jny 20 + 40 acre lot
south of downtown.

Paid J. S. Pearson 34.38
in full for bills to
date -

DECEMBER, THURSDAY 17. 1885.

At Lin at work scrap.
ing 9c -

Paid Ah Lena 1506
in full for work

In Sundays in AM

Working in P.M.

Mr. Garland and
Mr. Soule, here in
P.M.

DECEMBER, FRIDAY 18. T DECEMBER 1885.

Ok for hauling brick
for the
first brick building
in National City—

Mrs. Blackwell paid
rent to Nov 27 11.⁵⁰

Recd. from -
Ed. W. Harrison 16.50
for Oil cutting & ties.
Sent yesterday—

In some days and
paid taxes as follows
J. Frank Wadsworth 1.03
D. K. Horton 3.35
D. C. Mc Mullin 3.53
and sent tax receipts

A little Rain in

PM

A. G. Putney Dr

Paid G. H. Parsons money
loaned James O. Hara 3.00

DECEMBER, SATURDAY 19. 1885.

At In hauling brick

Rode below Sweetwater
with Mr. Longshore.

A. E. Putney Dr
Cash paid O'Hara. 20.00
from G. H. P. -

Envelopes .60
Wrappers 27-

Distr. - 10⁰⁰

Too sick to attend
New England meeting -

Charles Bell paid
for 100 pounds apples 3.00

Paid G. H. Parsons
Stamps 1st Loudwood to
Mrs Eggleston 3.00 + 50 cents
on James Curious epimela
and on opposite page to J. H. Hume
for A. E. Putney 3.00 = 7.50

DECEMBER, SUNDAY 20. 1885.

M- paid 10⁰⁰
rent from Jan^y 1st to
March 1st for house
North of lumber yard

Took Carrie Coffin
to sea land This A.M.

W.A. Morrill paid
for bot apples 1.50

10.00

DECEMBER, MONDAY 21. 1885.

Rising a little

Ah Lin hauling sand
in front of house -

Ah Lena + one other
man began to take
casing from my brick
kitchen

Rode in Sunday to
see Mr. Bither about
getting plan of brick
shop - but I did not
make any engagement -

Was Egghstone paid
Rent 800
and for wood wood 350

1150

DECEMBER, TUESDAY 22. 1885.

Oh Lin at work
hauling sand. and 2
loads wood for Tom
Cham -

Rode in town with
W.C.K. - to Tax collectors
office -

Cluck Mine paid 2,000
for 2,000 brick -

Oh Lena + another
man talking casing
from brick kiln

Telegraphed Fred Perrie
that I would sell him
100,000 brick on the cars
at 10¢ per thousand -

DECEMBER, WEDNESDAY 23. 1885.

Wh Sir hauled water
to Chinnaman below
Sweetwater then hauled
sand and brick in
am. In P.M. harrowed
at home

Sold Mr. Miles apples 1.50

Rode to Sweetwater with
Mr Miles -

Mr Smith and Mr.
In this way -
till 10 1/2 o'clock
Mr Buys introduced
them -

Two Chinnaman at
dock yard -

DECEMBER, THURSDAY 24. 1885.

At Lin. harrowing &
hauling brick.

At home in AM. and
in PM. down over Sweet-
water.

Christmas - 50	30 ⁰⁰
" Sister	50 ⁰⁰
	<hr/>
	80

DECEMBER, FRIDAY 25.

1885.

At Lin narrowing at
Apple orchard.

In Sam Deys at Genl
Collectors office +
Paid

7/8 Kimball's tax 163²¹/₁₀₀
and 1/2 of K. Bros. " 528³⁷/₁₀₀
\$ 691⁵²/₁₀₀

At home writing
in P.M. —

DECEMBER, SATURDAY 26.

1885.

At Am picking brush
on the 60 acre lot S. of
Sweetwater -

With M. Smith & M -
Waters S. of Sweetwater
and at Carlin place -

Ran in P.M.

Sent tax net for
to B. C. Burdman

also to
M. C. Scott

also to
Carr & L. Coffin

Recd of Geo Coffman 20⁰⁰

Paid Geo Coffman 10⁰⁰
and charge it to
A. L. Linn Dr

Paid for hog 10⁰⁰

DECEMBER, SUNDAY 27. 1885.

At home all day -

Rain last night
and some today -

DECEMBER, MONDAY 28. 1885.

Oh Lin flowing - on
W.C. Ks and my 20
acre lot in front of
Pastoria.

Rode in town and paid
James Magg & Curious
Taxes

Flourish	832
M. H. "	38 ⁸⁴
Total -	<hr/> 4716

Also paid J. F. Parkers
tax in place of Geo. H.
Parkers as per my last
year to Mr. Murphy 7.89

Paid for "District" trac-
kets to Mr. Harris \$50⁰⁰

Paid A. G. Adams 20⁰⁰
on accⁿ of Commis-
sion on R. Robbins sale -

J. L. Parsons plowed a little

DECEMBER, TUESDAY 29. 1885.

Ah Sin plowing - in
front of the house -

with Mr Smith + Mr
Witherby - and W. L.
and rode to J. H. Harvey's
orange orchard - view
Clay Falls -

Horse feed .50

DECEMBER, WEDNESDAY 30. 1885.

Ah Sin plowing in front
of house -

Mr. Wiseman plowing
also -

Paid Chinamen 50.00
also to Coffman 10.00
on grubbing contract

Drew my check for 100⁰⁰
and paid above -

Bought two hat skuts 1.10

In San Diego and I
changed my Christ-
mas slippers -

DECEMBER, THURSDAY 31.

1885.

Mr Sire plowing in
front of the house

Paid Mr Sire 35.00
for one month work -

Mr Wiseman plowing

1 plow point .75

Kemball Bros Dr
Paid interest on note at
Consolidated Bk 60.00

In Sandeys with sis-
ter in a.m.

Put barley to soak for
sowing -

Bought 10 sack beard-
less barley at 260 at
Gorden + Capins -

Name.	Received.	Answered.
<p>Hemorrhage - aconite alternated with Bryonia - 4 - There is bleeding of arteries or giddiness - in that case Aconite + Belladonna -</p>		

Pressure over temples
 Nux Vomica

Pain or pressure in back
 of head - Belladonna -
 at any time -

Give 1 drop in teaspoon-
 ful water - in urgent ca-
 ses once in 15 minutes.

LETTER REGISTER.

Name.	Received.	Answered.
Charles Bruce		
Friday Jan'y 1. 1886		
At Sri plowing in front of house.		
Mr. Wiseman plowing also.		
And they have finished the 17 acres.		
Sold Charles Bull apples at 3/100 - (Paid) 7.25		
Mrs Grant 13 1/2 apples 1.50		
Paid W. B. K. for 21 five gal + 1 - three gal olive kyp 3.25		
Packaging envelopes .60+		
House expenses 5.00		

LETTERS ADDRESSES

Answered	Name. Receiver	Residence.
{	Charles F Bruce Royal Arcanum	7 Exchange Pl. Boston Mass

[Faint, mostly illegible handwritten entries in the lower portion of the page, including names like 'Mrs. ...' and 'Paris ...']

ADDRESSES.

Name.

Residence.

James P. ...

100 ...

VISITS.

Name.

Address.

Charles H. ...
Wesley ...

25 ... St.
Boston, Mass.

VISITS.

Reception Day.

Visit Received.

Visit Returned.

Address

EXPENSE ACCOUNT.

Date.

Dolls. Cts.

Dolls.

CASH ACCOUNT—FEBRUARY.

Date.

Balance

Received.

Paid.

ARY.

ved. Paid.

CASH ACCOUNT—JUNE.

Table with 4 columns: Date, Received, Paid, and a blank column. The table is on a grid and is currently empty.

CASH ACCOUNT—NOVEMBER.

Date.

Balance

Received.

Paid.

Paid.

CASH ACCOUNT--DECEMBER.

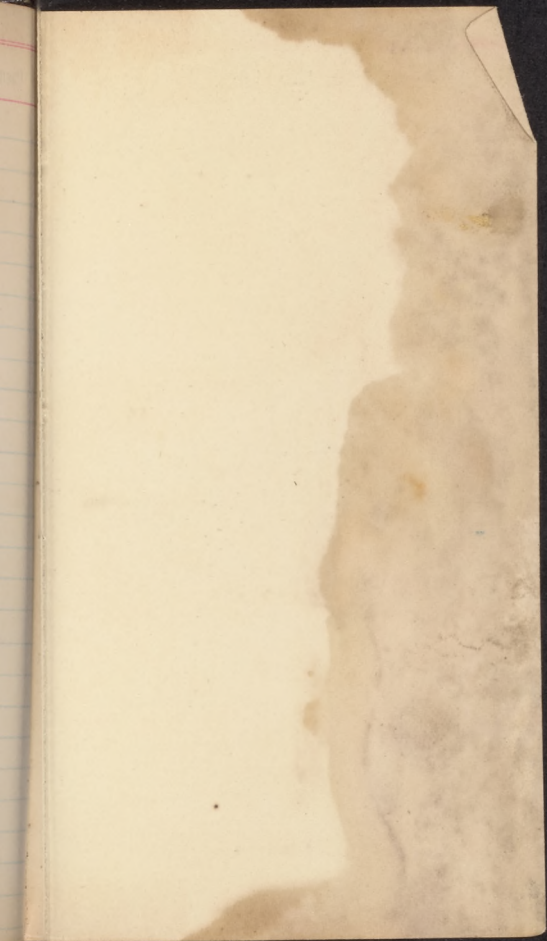
Date.

Received.

Paid

Paid

MEMORANDA.





CCW

22

84/

Dsh

