



Samuel A. Miller

EXCELSIOR

DIARY



1881.



CALENDAR FOR 1881.

1881	1881							1881	1881						
	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN.	1	2	3	4	5	6	7	JULY.	1	2	3	4	5	6	7
FEB.	8	9	10	11	12	13	14	AUG.	8	9	10	11	12	13	14
MARCH.	15	16	17	18	19	20	21	SEPT.	15	16	17	18	19	20	21
APRIL.	22	23	24	25	26	27	28	OCT.	22	23	24	25	26	27	28
MAY.	29	30	31	1	2	3	4	NOV.	29	30	1	2	3	4	5
JUNE.	5	6	7	8	9	10	11	DEC.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18		12	13	14	15	16	17	18
	19	20	21	22	23	24	25		19	20	21	22	23	24	25
	26	27	28	29	30	31			26	27	28	29	30	31	

ASTRONOMICAL + CALCULATIONS.

ECLIPSES, 1881.

There will be four Eclipses this year, two of the Sun and two of the Moon, and a transit of the planet Mercury across the Sun's disc.

I. A partial Eclipse of the Sun, May 27, invisible at New York City. Visible in Canada and Western States north of Arkansas, at sunset.

II. A Total Eclipse of the Moon, June 11-12, visible throughout the United States and Canada.

Chicago. N. Y. City. San Francisco.
 Eclipse begins... rh. 21m. eve. oh. 13m. eve. 9h. 2m. eve.
 Total begins... oh. 23m. mor. 3h. 17m. mor. 10h. 4m. eve.
 Middle... rh. 4m. mor. 7h. 58m. mor. 10h. 45m. eve.
 Total ends... th. 45m. mor. 2h. 39m. mor. 12h. 36m. eve.
 Eclipse ends... 2h. 47m. mor. 3h. 41m. mor. oh. 28m. mor.

Duration of Totality, 1 hour 22 minutes.

III. An Annular Eclipse of the Sun, Nov. 21, invis. in N. A.

IV. A Partial Eclipse of the Moon, Dec. 5, invisible in U. S.

V. A Transit of the Planet Mercury over the Sun's disc, Nov. 7. The beginning or ingress only is visible in the U. S., and that in the western part only.

MORNING STARS.

MERCURY, until Jan. 25; and from March 11 to May 17; and from July 17 to Aug. 31; and after Nov. 7. VENUS, after May 3. MARS, until Sept. 21. JUPITER, from April 22 to Aug. 17. SATURN, from April 21 to Aug. 4. URANUS, from Sept. 6 to Dec. 10. NEPTUNE, from May 4 to Aug. 8.

EVENING STARS.

MERCURY, from Jan. 26 to March 11; and from May 17 to July 17; and from Aug. 31 to Nov. 7. VENUS, until May 3. MARS, after Sept. 21. JUPITER, after April 22; and after Aug. 17. SATURN, until April 21; and after Aug. 4. URANUS, until Sept. 6; and after Dec. 10. NEPTUNE, until May 4; and after Aug. 8.

PLANETS BRIGHTEST.

MERCURY, Feb. 20-23; June 17-20; and Oct. 13-16; rising then before the Sun. Also, April 7-10; Aug. 6-9; and Nov. 24-27; setting then after the Sun. VENUS, March 27. MARS, Dec. 27. JUPITER, Nov. 13. SATURN, Nov. 1. URANUS, March 1. NEPTUNE, Nov. 7.

MOVABLE FEASTS AND CHRONOLOGICAL CYCLES.

Septuagesima Sun....	Feb. 13	Whit Sunday.....	June 5
Sexagesima ".....	" 20	Trinity ".....	" 12
Quinquagesima ".....	" 27	Corpus Christi.....	" 16
Ash Wednesday.....	Mar. 2	Advent Sunday.....	Nov. 27
Quadragesima Sun....	" 6	Dominical Letter.....	B
Mid-Lent.....	" 20	Epact.....	30
Palm Sunday.....	Apr. 10	Golden Number.....	1
Good Friday.....	" 15	Solar Cycle.....	14
Easter Sunday.....	" 17	Roman Indiction.....	9
Low ".....	" 24	Julian Period.....	6594
Rogation ".....	May 22	Dionysian Period.....	210
Ascension Day.....	" 26	Jewish Lunar Cycle.....	17



† MAY † 1881. †

MOON'S PHASES.		NEW-YORK.		BOSTON.	
First Quarter.....	D. 6	H. M. 5 48 morn.	H. M. 6 0 morn.		
Full Moon.....	13	5 28 eve.	5 40 eve.		
Third Quarter.....	20	10 11 morn.	10 23 morn.		
New Moon.....	27	6 40 eve.	6 52 eve.		

N. Y. City, Phila., Ct., N. J., Pa., O., Ind. & Ill.

Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		Sun rise	Sun sets	Moon sets	H. W. Bost.
				D.	OF W.				
4 58	6 56	10 20	10 40	1	Sun.	4 54	7 0	10 25	1 54
4 57	6 57	11 5	11 24	2	Mo.	4 53	7 1	11 9	2 38
4 56	6 58	11 43	11 40	3	Tu.	4 52	7 2	11 47	3 24
4 54	6 59	morn.	0 55	4	We.	4 51	7 3	morn.	4 9
4 52	7 0	0 45	2 34	4	Fri.	4 49	7 4	0 20	4 57
4 51	7 2	1 13	3 28	5	Sat.	4 48	7 5	0 48	5 48
4 50	7 3	1 39	4 20	7	Sun.	4 46	7 6	1 14	6 42
4 48	7 4	2 2	5 10	9	Mo.	4 45	7 8	1 39	7 34
4 47	7 5	2 30	6 0	10	Tu.	4 44	7 9	2 20	8 24
4 46	7 6	2 55	6 55	11	We.	4 42	7 10	2 57	9 15
4 45	7 7	3 34	7 50	12	Th.	4 41	7 11	3 30	11 4
4 44	7 8	rises	8 40	13	Fri.	4 40	7 13	rises	11 54
4 43	7 9	8 24	9 27	14	Sat.	4 39	7 14	8 29	morn.
4 42	7 10	9 26	10 15	15	Sun.	4 38	7 15	9 31	0 21
4 41	7 11	10 19	11 8	16	Mo.	4 37	7 16	10 24	1 49
4 41	7 12	11 4	morn.	17	Tu.	4 36	7 17	11 9	2 22
4 40	7 13	11 44	0 56	18	We.	4 35	7 18	11 47	3 16
4 39	7 14	morn.	1 50	19	Th.	4 34	7 19	morn.	4 10
4 38	7 15	0 18	2 52	20	Fri.	4 33	7 20	0 20	5 5
4 37	7 16	0 49	3 51	21	Sat.	4 32	7 21	0 48	6 5
4 36	7 17	1 18	4 52	22	Sun.	4 32	7 21	1 17	7 8
4 36	7 17	1 46	5 48	23	Mo.	4 31	7 22	1 45	8 2
4 35	7 18	2 17	6 43	24	Tu.	4 30	7 23	2 13	8 57
4 34	7 19	2 49	7 36	25	We.	4 29	7 24	2 45	9 50
4 34	7 20	3 26	8 28	26	Th.	4 29	7 25	3 21	10 42
4 33	7 21	sets	9 16	27	Fri.	4 28	7 26	sets	11 30
4 33	7 22	8 13	8 59	28	Sat.	4 27	7 27	8 28	ev 13
4 32	7 22	9 0	9 36	29	Sun.	4 27	7 28	9 5	0 50
4 32	7 23	9 41	10 16	30	Mo.	4 26	7 29	9 45	1 30
4 31	7 24	10 16	10 57	31	Tu.	4 26	7 29	10 19	2 11



† JUNE † 1881. †

MOON'S PHASES.		NEW-YORK.		BOSTON.	
First Quarter.....	D. 4	H. M. 10 23 eve.	H. M. 10 35 eve.		
Full Moon.....	12	2 1 morn.	2 13 morn.		
Third Quarter.....	18	4 23 eve.	4 35 eve.		
New Moon.....	26	9 7 morn.	9 19 morn.		

N. Y. City, Phila., Ct., N. J., Pa., O., Ind. & Ill.

Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		Sun rise	Sun sets	Moon sets	H. W. Bost.
				D.	OF W.				
4 31	7 25	10 47	11 37	1	We.	4 25	7 30	10 50	2 41
4 30	7 25	11 14	ev 18	2	Th.	4 25	7 31	11 16	3 22
4 30	7 26	11 40	1 0	3	Fri.	4 24	7 32	11 41	4 14
4 30	7 27	morn.	1 46	4	Sat.	4 23	7 33	morn.	5 0
4 29	7 28	0 5	2 36	5	Sun.	4 23	7 34	0 5	5 50
4 29	7 28	0 31	3 33	6	Mo.	4 23	7 34	0 36	6 47
4 29	7 29	0 58	4 29	7	Tu.	4 23	7 35	0 59	7 43
4 29	7 29	1 29	5 27	8	We.	4 23	7 35	1 25	8 41
4 28	7 30	2 5	6 27	9	Th.	4 23	7 36	2 2	9 41
4 28	7 30	2 48	7 29	10	Fri.	4 22	7 36	2 42	10 43
4 28	7 31	3 39	8 27	11	Sat.	4 22	7 37	3 33	11 41
4 28	7 31	rises	9 18	12	Sun.	4 22	7 37	rises	morn.
4 28	7 32	8 59	10 5	13	Mo.	4 22	7 38	9 3	0 32
4 28	7 32	9 42	10 56	14	Tu.	4 22	7 38	9 45	1 19
4 28	7 33	10 18	11 44	15	We.	4 22	7 38	10 20	2 10
4 28	7 33	10 51	morn.	16	Th.	4 22	7 39	10 52	2 58
4 28	7 33	11 21	0 33	17	Fri.	4 22	7 39	11 21	3 47
4 28	7 34	11 50	1 24	18	Sat.	4 22	7 39	11 49	4 38
4 28	7 34	morn.	2 20	19	Sun.	4 23	7 40	morn.	5 34
4 28	7 34	0 20	3 20	20	Mo.	4 23	7 40	0 17	6 34
4 29	7 34	0 52	4 18	21	Tu.	4 23	7 40	0 48	7 32
4 29	7 35	1 26	5 15	22	We.	4 23	7 40	1 22	8 29
4 29	7 35	2 4	6 12	23	Th.	4 24	7 41	1 59	9 26
4 30	7 35	2 49	7 0	24	Fri.	4 24	7 41	2 44	10 20
4 30	7 35	3 39	7 55	25	Sat.	4 24	7 41	3 32	11 9
4 30	7 35	sets	8 39	26	Sun.	4 25	7 42	sets	11 53
4 31	7 35	8 17	9 16	27	Mo.	4 25	7 42	8 20	ev 30
4 31	7 35	8 40	9 50	28	Tu.	4 25	7 42	9 59	1 4
4 32	7 35	9 17	10 28	29	We.	4 25	7 42	9 12	1 42
4 32	7 35	9 44	11 4	30	Th.	4 26	7 42	9 45	2 18
4 32	31



✦ JULY + 1881. ✦

MOON'S PHASES.		NEW-YORK.		BOSTON.	
	D.	H. M.	H. M.	H. M.	H. M.
First Quarter.....	4	0 20 eve.	0 32 eve.	0 20 eve.	0 32 eve.
Full Moon.....	11	9 17 morn.	9 29 morn.	9 29 morn.	9 41 morn.
Third Quarter.....	18	0 38 morn.	0 50 morn.	0 50 morn.	0 50 morn.
New Moon.....	26	0 23 morn.	0 35 morn.	0 35 morn.	0 35 morn.

N. Y. City, Phila., Ct.,
N. J., Pa., O., Ind. & Ill.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		D. OF W.		Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.			
				D.	M.	D.	M.	Sun rise	Sun sets	Moon sets	H. W. Bost.
4 32	7 35	10 9	11 42	1		Fri.		4 27	7 41	10 9	2 58
4 33	7 35	10 34	11 42	2		Sat.		4 27	7 40	10 33	3 35
4 34	7 35	11 0	11 41	3		Sun.		4 28	7 40	10 58	4 18
4 34	7 34	11 28	11 41	4		Mo.		4 28	7 40	11 25	5 7
4 35	7 34	11 59	11 40	5		Tu.		4 29	7 40	11 56	6 4
4 35	7 34	inor.	11 40	6		We.		4 30	7 39	inor.	7 10
4 36	7 33	0 58	11 40	7		Th.		4 30	7 39	0 33	8 14
4 37	7 33	1 24	11 40	8		Fri.		4 31	7 39	1 18	9 21
4 37	7 33	2 20	11 40	9		Sat.		4 32	7 38	2 13	10 28
4 38	7 32	3 25	11 40	10		Sun.		4 33	7 38	3 10	11 29
4 39	7 32	rises	9 46	11		Mo.		4 33	7 37	rises	inor.
4 39	7 31	8 14	9 46	12		Tu.		4 34	7 37	8 16	0 20
4 40	7 31	8 40	10 35	13		We.		4 35	7 36	8 50	1 3
4 41	7 30	9 22	11 21	14		Th.		4 36	7 36	9 22	1 49
4 42	7 30	9 52	inor.	15		Fri.		4 37	7 35	9 50	2 35
4 42	7 29	10 27	0 7	16		Sat.		4 37	7 34	10 20	3 21
4 43	7 28	10 54	0 55	17		Sun.		4 38	7 34	10 50	4 9
4 44	7 28	11 28	1 48	18		Mo.		4 39	7 33	11 24	5 2
4 45	7 27	inor.	2 49	19		Tu.		4 40	7 32	inor.	6 2
4 46	7 26	0 6	3 51	20		We.		4 41	7 31	0 4	7 3
4 47	7 26	0 48	4 50	21		Th.		4 42	7 31	0 42	8 4
4 48	7 25	1 35	5 47	22		Fri.		4 43	7 30	1 29	9 1
4 48	7 24	2 27	6 42	23		Sat.		4 44	7 29	2 29	9 56
4 49	7 23	3 23	7 31	24		Sun.		4 45	7 28	3 17	10 45
4 50	7 22	4 20	8 15	25		Mo.		4 46	7 27	4 15	11 29
4 51	7 21	5 20	9 2	26		Tu.		4 47	7 26	sets	ev 6
4 52	7 20	7 48	9 56	27		We.		4 48	7 25	7 50	0 38
4 53	7 19	8 14	10 28	28		Th.		4 49	7 24	8 24	1 10
4 54	7 19	8 39	10 32	29		Fri.		4 50	7 23	9 46	1 46
4 55	7 18	9 4	11 28	30		Sat.		4 51	7 22	10 22	2 22
4 56	7 16	9 31	11 47	31		Sun.		4 52	7 21	9 29	3 1



✦ AUGUST + 1881. ✦

MOON'S PHASES.		NEW-YORK.		BOSTON.	
	D.	H. M.	H. M.	H. M.	H. M.
First Quarter.....	2	11 46 eve.	11 58 eve.	11 46 eve.	11 58 eve.
Full Moon.....	9	4 11 eve.	4 23 eve.	4 11 eve.	4 23 eve.
Third Quarter.....	16	0 2 eve.	0 14 eve.	0 2 eve.	0 14 eve.
New Moon.....	24	3 49 eve.	4 1 eve.	3 49 eve.	4 1 eve.

N. Y. City, Phila., Ct.,
N. J., Pa., O., Ind. & Ill.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		D. OF W.		Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.			
				D.	M.	D.	M.	Sun rise	Sun sets	Moon sets	H. W. Bost.
4 57	7 15	10 2	ev 30	1		Mo.		4 53	7 20	9 57	3 44
4 58	7 14	10 36	1 20	2		Tu.		4 54	7 18	10 31	4 34
4 59	7 13	11 18	2 21	3		We.		4 55	7 17	11 11	5 35
5 0	7 12	inor.	3 24	4		Th.		4 56	7 16	11 59	6 46
5 0	7 11	1 6	4 43	5		Fri.		4 57	7 15	mor.	7 57
5 0	7 10	1 6	5 51	6		Sat.		4 58	7 13	0 58	9 5
5 0	7 9	2 14	6 59	7		Sun.		4 59	7 12	2 2	10 13
5 0	7 7	3 28	7 57	8		Mo.		5 0	7 11	3 22	11 11
5 0	7 5	rises	8 47	9		Tu.		5 0	7 10	rises	inor.
5 0	7 5	7 19	9 28	10		We.		5 0	7 9	7 19	0 1
5 0	7 7	8 51	10 10	11		Th.		5 0	7 7	7 50	0 42
5 0	7 7	8 23	10 55	12		Fri.		5 0	7 5	8 20	1 24
5 0	7 7	8 55	11 40	13		Sat.		5 0	7 4	8 51	2 9
5 0	7 6	9 29	inor.	14		Sun.		5 0	7 3	9 24	2 54
5 0	7 5	10 7	0 28	15		Mo.		5 0	7 1	10 0	3 42
5 0	7 5	10 40	1 20	16		Tu.		5 0	6 59	10 41	4 34
5 0	7 5	11 34	2 19	17		We.		5 0	6 58	11 27	5 33
5 0	7 5	12 54	mor.	18		Th.		5 0	6 57	mor.	6 37
5 0	7 4	0 25	4 23	19		Fri.		5 0	6 55	0 18	7 37
5 0	7 4	1 18	5 19	20		Sat.		5 0	6 54	1 12	8 33
5 0	7 4	2 15	6 11	21		Sun.		5 0	6 52	2 9	9 25
5 0	7 4	3 13	7 0	22		Mo.		5 0	6 50	3 8	10 14
5 0	7 4	4 11	7 43	23		Tu.		5 0	6 49	4 4	10 57
5 0	7 4	5 11	8 22	24		We.		5 0	6 47	sets	11 39
5 0	7 4	6 44	8 56	25		Th.		5 0	6 46	6 44	ev 10
5 0	7 4	7 9	9 28	26		Fri.		5 0	6 44	7 8	0 42
5 0	7 4	8 10	10 1	27		Sat.		5 0	6 43	7 34	1 13
5 0	7 4	9 3	10 39	28		Sun.		5 0	6 41	8 1	1 53
5 0	7 4	9 37	11 21	29		Mo.		5 0	6 39	8 33	2 35
5 0	7 4	9 15	ev 7	30		Tu.		5 0	6 37	9 10	3 21
5 0	7 4	10 0	1 0	31		We.		5 0	6 36	9 55	4 14



+ SEPTEMBER + 1881. +

MOON'S PHASES.	NEW-YORK.	BOSTON.
First Quarter.....	9 6 morn.	9 18 morn.
Full Moon.....	11 43 eve.	11 55 eve.
Third Quarter.....	3 5 morn.	3 17 morn.
New Moon.....	6 58 morn.	7 10 morn.
First Quarter.....	9 52 eve.	5 4 eve.

N. Y. City, Phila., Ct.,
N. J., Pa., O., Ind. & Ill.

Boston, N. Eng., N. Y.,
Mich., Wis., Ia. and Or.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		D. OF W.		Sun rise	Sun sets	Moon sets	H. W. Boston.
				D.	M.	D.	W.				
5 27	6 32	10 54	2 3	1		Th.	5 25	6 34	10 48	5 17	
5 28	6 31	11 36	3 24	2		Fri.	5 26	6 32	11 50	6 28	
5 29	6 29	mor.	4 34	3		Sat.	5 28	6 31	mor.	7 48	
5 30	6 27	1 6	5 34	4		Sun.	5 29	6 29	0 59	8 48	
5 31	6 25	2 14	6 37	5		Mo.	5 30	6 27	2 10	9 51	
5 32	6 24	3 34	7 34	6		Tu.	5 31	6 26	3 31	10 48	
5 33	6 22	rises	8 24	7		We.	5 32	6 24	rises	11 38	
5 34	6 21	6 18	9 6	8		Th.	5 33	6 22	6 17	mor.	
5 35	6 19	6 51	9 46	9		Fri.	5 34	6 20	6 48	0 20	
5 36	6 17	7 25	10 30	10		Sat.	5 35	6 19	7 21	1 0	
5 37	6 16	8 2	11 15	11		Sun.	5 36	6 17	7 57	1 44	
5 38	6 14	8 43	mor.	12		Mo.	5 37	6 15	8 37	2 29	
5 39	6 12	9 29	0 54	3	13	Tu.	5 38	6 13	9 23	3 17	
5 40	6 11	10 18	1 54	4	14	We.	5 40	6 10	10 11	4 8	
5 41	6 9	11 11	1 49	5	15	Th.	5 41	6 8	mor.	5 4	
5 42	6 7	mor.	2 50	6	16	Fri.	5 42	6 6	0	7 4	
5 43	6 6	0 6	3 53	7	17	Sat.	5 43	6 4	1 0	7 57	
5 44	6 4	1 5	4 43	8	18	Sun.	5 43	6 3	1 59	8 46	
5 45	6 2	2 3	5 42	9	19	Mo.	5 45	6 1	2 58	9 24	
5 46	6 1	3 1	6 20	10	20	Tu.	5 46	5 59	3 58	10 19	
5 47	5 59	4 0	7 20	11	21	We.	5 48	5 57	4 58	11 2	
5 48	5 57	4 59	7 48	12	22	Th.	5 48	5 56	5 57	11 41	
5 49	5 56	sets	8 27	13	23	Fri.	5 49	5 54	6 57	0 15	
5 50	5 54	6 9	9 3	14	24	Sat.	5 50	5 52	7 58	1 32	
5 51	5 52	6 40	9 37	15	25	Sun.	5 52	5 50	8 54	2 18	
5 52	5 51	7 17	10 18	16	26	Mo.	5 53	5 49	9 44	3 8	
5 53	5 49	8 0	11 4	17	27	Tu.	5 54	5 47	10 42	4 3	
5 54	5 47	8 50	11 54	18	28	We.	5 55	5 46	11 39	5 6	
5 55	5 45	9 48	ev 49	19	29	Th.	5 55	5 45	12 33	6 1	
5 56	5 44	10 53	1 59	20	30	Fri.	5 56	5 43	1 28	6 59	
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+ OCTOBER + 1881. +

MOON'S PHASES.	NEW-YORK.	BOSTON.
Full Moon.....	10 7	H. M. 9 3 morn.
Third Quarter.....	14	9 15 morn.
New Moon.....	22	9 42 eve.
First Quarter.....	29	9 47 eve.
		30 0 3 morn.

N. Y. City, Phila., Ct.,
N. J., Pa., O., Ind. & Ill.

Boston, N. Eng., N. Y.,
Mich., Wis., Ia. and Or.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D. OF M.		D. OF W.		Sun rise	Sun sets	Moon sets	H. W. Boston.
				D.	M.	D.	W.				
5 57	5 42	mor.	3 1	1		Sat.	5 58	5 42	11 58	6 15	
5 58	5 41	0 2	4 11	2		Sun.	5 59	5 40	mor.	7 23	
5 59	5 39	1 15	5 11	3		Mo.	6 0	5 38	1 11	8 25	
6 0	5 37	2 28	6 10	4		Tu.	6 1	5 36	2 25	9 24	
6 1	5 36	3 41	7 6	5		We.	6 2	5 35	3 40	10 20	
6 2	5 34	4 54	7 57	6		Th.	6 3	5 33	4 54	11 11	
6 3	5 32	rises	8 43	7		Fri.	6 4	5 31	rises	11 57	
6 4	5 31	5 56	9 25	8		Sat.	6 5	5 30	5 52	mor.	
6 5	5 29	6 36	10 5	9		Mo.	6 6	5 28	6 31	0 39	
6 6	5 28	7 20	10 52	10		Tu.	6 7	5 26	7 14	1 19	
6 7	5 26	8 9	11 39	11		We.	6 8	5 25	8 3	2 6	
6 8	5 24	9 2	mor.	12		Th.	6 9	5 23	8 56	2 53	
6 10	5 23	9 58	0 27	13		Fr.	6 11	5 22	9 52	3 41	
6 11	5 21	10 53	1 17	14		Fri.	6 12	5 20	10 41	4 31	
6 12	5 20	11 55	2 11	15		Sat.	6 13	5 18	11 59	5 25	
6 13	5 18	mor.	3 6	16		Sun.	6 14	5 17	mor.	6 20	
6 14	5 17	0 51	4 0	17		Mo.	6 16	5 15	0 48	7 14	
6 15	5 15	1 46	4 48	18		Tu.	6 17	5 13	1 47	8 50	
6 16	5 14	2 48	5 36	19		We.	6 18	5 10	2 47	9 37	
6 17	5 12	3 48	6 23	20		Th.	6 19	5 9	3 40	10 24	
6 18	5 11	4 49	7 10	21		Fri.	6 20	5 7	sets	11 20	
6 20	5 10	5 47	7 55	22		Sat.	6 22	5 5	5 12	11 53	
6 21	5 9	6 45	8 39	23		Mo.	6 23	5 6	6 5	ev 35	
6 22	5 8	7 35	9 21	24		Tu.	6 24	5 4	7 41	1 17	
6 23	5 7	8 27	10 3	25		We.	6 25	5 3	8 31	2 7	
6 24	5 6	9 13	10 53	26		Th.	6 26	5 1	9 42	2 58	
6 25	5 5	10 4	11 44	27		Fr.	6 28	5 0	10 42	3 53	
6 26	5 4	11 54	ev 39	28		Sat.	6 30	4 59	11 3	4 51	
6 28	5 3	1 1	1 37	29		Sun.	6 32	4 58	mor.	5 55	
6 29	4 59	mor.	2 42	30		Mo.	6 34	4 55	0 14	6 59	
6 30	4 58	0 36	3 45	31		Tu.	6 33	4 55	0 14	8 59	



† NOVEMBER † 1881. †

MOON'S PHASES.		NEW-YORK.		BOSTON.	
Full Moon.....	D. 5	H. M. 9 7 eve.	H. M. 9 19 eve.		
Third Quarter.....	13	6 5 eve.	6 17 eve.		
New Moon.....	21	11 25 morn.	11 37 morn.		
First Quarter.....	28	7 5 morn.	7 17 morn.		

N. Y. City, Phila., Ct., N. J., Pa., O., Ind. & Ill.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D.	OF M.	D.	OF W.	Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.			
								Sun rise	Sun sets	Moon sets	H. W. Bost.
6 31	4 56	1 26	4 45	1		Tu.	6 34	4 53	1 24	7 59	
6 32	4 55	2 37	5 41	2		We.	6 35	4 52	2 37	8 55	
6 33	4 54	3 47	6 36	3		Th.	6 36	4 51	3 48	9 50	
6 35	4 53	4 57	7 31	4		Fr.	6 38	4 50	4 59	10 45	
6 36	4 52	rises	8 20	5		Sat.	6 39	4 49	rises	11 34	
6 37	4 51	5 11	9 5	6		Sun.	6 40	4 47	5 52	11 34	
6 38	4 50	5 59	9 45	7		Mo.	6 42	4 46	5 5	11 34	
6 39	4 49	6 50	10 29	8		Tu.	6 43	4 45	6 44	10 19	
6 40	4 48	7 45	11 13	9		We.	6 44	4 44	7 40	1 43	
6 42	4 47	8 43	11 57	10		Th.	6 45	4 43	8 38	2 27	
6 43	4 45	9 41	11 41	11		Fr.	6 47	4 42	9 37	3 11	
6 44	4 45	10 40	10 27	12		Sat.	6 48	4 41	10 36	3 55	
6 45	4 44	11 38	9 13	13		Sun.	6 49	4 40	11 36	4 41	
6 46	4 43	morn.	2 15	14		Mo.	6 50	4 39	morn.	5 29	
6 48	4 42	0 35	3 7	15		Tu.	6 52	4 38	0 34	6 21	
6 49	4 41	1 33	4 0	16		We.	6 53	4 37	1 34	7 14	
6 50	4 41	2 34	4 49	17		Th.	6 54	4 36	2 34	8 5	
6 51	4 40	3 36	5 41	18		Fr.	6 55	4 36	3 38	8 55	
6 52	4 39	4 44	6 34	19		Sat.	6 57	4 35	4 42	9 48	
6 53	4 39	5 44	7 28	20		Sun.	6 58	4 34	5 40	10 42	
6 55	4 38	sets	8 21	21		Mo.	6 59	4 33	sets	11 35	
6 56	4 37	5 38	9 8	22		Tu.	7 0	4 33	5 27	ev 22	
6 57	4 37	6 36	9 53	23		We.	7 1	4 32	6 30	1 7	
6 58	4 36	7 45	10 43	24		Th.	7 2	4 32	7 33	2 48	
6 59	4 36	8 55	11 34	25		Fr.	7 3	4 32	8 39	3 57	
7 0	4 35	10 7	ev 24	26		Sat.	7 4	4 31	9 59	4 48	
7 1	4 35	11 18	1 18	27		Sun.	7 5	4 31	10 4	5 43	
7 2	4 34	morn.	2 16	28		Mo.	7 6	4 30	morn.	6 30	
7 3	4 34	0 28	3 16	29		Tu.	7 8	4 29	0 28	7 31	
7 4	4 34	1 37	4 17	30		We.	7 9	4 29	1 37	8 24	
.....	



† DECEMBER † 1881. †

MOON'S PHASES.		NEW-YORK.		BOSTON.	
Full Moon.....	D. 5	H. M. 0 18 eve.	H. M. 0 30 eve.		
Third Quarter.....	13	3 9 eve.	3 21 eve.		
New Moon.....	21	0 11 morn.	0 23 morn.		
First Quarter.....	27	3 46 eve.	3 58 eve.		

N. Y. City, Phila., Ct., N. J., Pa., O., Ind. & Ill.

Sun rise	Sun sets	Moon sets	H. W. N. Y.	D.	OF M.	D.	OF W.	Boston, N. Eng., N. Y., Mich., Wis., Ia. and Or.			
								Sun rise	Sun sets	Moon sets	H. W. Bost.
7 6	4 34	2 45	5 14	1		Th.	7 10	4 29	2 47	8 28	
7 7	4 33	3 52	6 11	2		Fr.	7 12	4 28	3 55	9 25	
7 7	4 33	4 58	7 8	3		Sat.	7 13	4 28	5 2	10 22	
7 8	4 33	6 1	8 0	4		Sun.	7 14	4 28	6 6	11 14	
7 9	4 33	rises	8 46	5		Mo.	7 14	4 28	rises	morn.	
7 10	4 33	5 34	9 25	6		Tu.	7 15	4 28	5 28	0 1	
7 11	4 33	6 30	10 4	7		We.	7 16	4 27	6 25	0 39	
7 12	4 33	7 29	10 45	8		Th.	7 17	4 28	7 24	1 18	
7 13	4 33	8 27	11 24	9		Fr.	7 18	4 28	8 23	2 59	
7 13	4 33	9 26	11 49	10		Sat.	7 18	4 28	9 23	3 38	
7 14	4 34	10 24	0 3	11		Sun.	7 19	4 28	10 22	3 17	
7 14	4 34	11 21	0 44	12		Mo.	7 20	4 29	11 21	3 58	
7 15	4 34	morn.	1 27	13		Tu.	7 21	4 29	morn.	4 41	
7 16	4 34	0 20	2 15	14		We.	7 22	4 29	0 20	5 29.	
7 17	4 34	1 19	3 9	15		Th.	7 23	4 29	1 20	6 23	
7 18	4 34	2 21	4 6	16		Fr.	7 23	4 29	2 23	7 20	
7 19	4 34	3 25	5 3	17		Sat.	7 24	4 29	3 28	8 17	
7 19	4 35	4 30	6 3	18		Sun.	7 25	4 29	4 34	9 17	
7 20	4 35	5 37	7 8	19		Mo.	7 25	4 30	5 41	10 19	
7 21	4 35	6 45	7 8	20		Tu.	7 26	4 30	sets	11 18	
7 21	4 36	5 25	8 55	21		We.	7 27	4 31	5 20	ev 9	
7 22	4 37	6 32	9 40	22		Th.	7 27	4 31	6 33	0 54	
7 22	4 37	7 38	10 29	23		Fr.	7 27	4 32	7 48	1 43	
7 22	4 38	9 8	11 16	24		Sat.	7 28	4 32	9 4	2 30	
7 23	4 39	10 16	ev 4	25		Sun.	7 28	4 33	10 17	3 18	
7 23	4 39	11 28	0 54	26		Mo.	7 29	4 34	11 29	4 8	
7 24	4 40	morn.	1 49	27		Tu.	7 29	4 34	morn.	5 3	
7 24	4 41	0 37	2 47	28		We.	7 29	4 35	0 37	6 1	
7 24	4 41	1 34	3 51	29		Th.	7 29	4 36	1 46	7 5	
7 24	4 42	2 50	4 50	30		Fr.	7 30	4 37	2 53	8 4	
7 24	4 43	3 53	5 48	31		Sat.	7 30	4 38	3 58	9 2	



INTEREST TABLES. SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY	0	0	0	0	0	0	0	0	0	0	2	17
2 "	0	0	0	0	0	0	0	0	0	1	3	33
3 "	0	0	0	0	0	0	0	0	0	1	5	50
4 "	0	0	0	0	0	0	0	1	1	1	7	67
5 "	0	0	0	0	0	1	1	1	1	1	8	83
6 "	0	0	1	1	1	1	1	1	1	1	10	1.00
15 "	0	1	1	1	2	2	2	2	3	3	25	3.50
2 MO.	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

SEVEN PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY	0	0	0	0	0	0	0	0	0	0	2	19
2 "	0	0	0	0	0	0	0	0	0	0	4	30
3 "	0	0	0	0	0	0	0	0	0	1	6	50
4 "	0	0	1	1	1	1	1	1	1	1	12	1.17
5 "	0	1	1	1	2	2	2	3	3	3	29	2.92
6 MO.	4	7	11	14	18	21	25	28	32	35	3.50	35.00
1 YR.	7	14	21	28	35	42	49	56	63	70	7.00	70.00

TEN PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY	0	0	0	0	0	0	0	0	0	0	3	28
30 "	1	2	3	3	4	5	6	7	8	8	83	8.33
6 MO.	3	5	10	15	20	25	30	35	40	45	5.00	50.00
1 YR.	6	12	20	30	40	50	60	70	80	90	10.00	100.00



Wages.	Half hour	One hour	Two hours	Five hours	Six hrs	Nine hrs	One day	Two days	Three days	Four days	Five days	Six days
\$3	.02½	.05	.10	.25	.30	.45	1.00	2.00	3.00	4.00	5.00	6.00
\$4	.03½	.06	.13½	.33½	.40	.60	1.33½	2.66½	4.00	5.33½	6.66½	8.00
\$5	.04½	.08	.16	.41½	.50	.75	1.66½	3.33½	5.00	6.66½	8.33½	10.00
\$6	.05½	.10	.20	.50	.60	.90	2.00	4.00	6.00	8.00	10.00	12.00
\$7	.06½	.11	.22	.55	.66	.99	2.33½	4.66½	7.00	9.33½	11.66½	14.00
\$8	.07½	.12	.24	.60	.72	1.08	2.66½	5.33½	8.00	10.66½	13.33½	16.00
\$9	.08½	.13	.26	.65	.78	1.17	3.00	6.00	9.00	12.00	15.00	18.00
\$10	.09½	.14	.28	.70	.84	1.26	3.33½	6.66½	10.00	13.33½	16.66½	20.00
\$100	10.00	20.00	40.00	100.00	120.00	180.00	400.00	800.00	1200.00	1600.00	2000.00	2400.00

TABLE OF WAGES BY THE WEEK.
This Table is based upon the usual calculation of 20 hours to a day.

Gold Premium for 17 Yrs.

The following tables show the lowest and highest prices of gold at New-York for each month in the last 17 years.

Date	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.
Jan.	105	124	160	197 1/2	136 1/2	132	137 1/2	134 1/2
Feb.	102 1/2	153	161	196 1/2	140 1/2	140 1/2	140 1/2	136 1/2
Mar.	101 1/2	159	169 1/2	148 1/2	135 1/2	149 1/2	139 1/2	139 1/2
April	102 1/2	166	187	148 1/2	139 1/2	133 1/2	137 1/2	135 1/2
May	102 1/2	155	180	145 1/2	129 1/2	141 1/2	135 1/2	134 1/2
June	103 1/2	148	189	128 1/2	141 1/2	134 1/2	138 1/2	144 1/2
July	109	160	251	135 1/2	137 1/2	136 1/2	139 1/2	138 1/2
Aug.	112 1/2	124	222	146 1/2	147 1/2	140 1/2	140 1/2	137 1/2
Sept.	116 1/2	129 1/2	262	145 1/2	146 1/2	140 1/2	142 1/2	137 1/2
Oct.	129	147	285	145 1/2	143 1/2	141 1/2	146 1/2	142 1/2
Nov.	137	150	290	144 1/2	145 1/2	141 1/2	145 1/2	140 1/2
Dec.	130	147	244	145 1/2	143 1/2	137 1/2	141 1/2	131 1/2
Jan.	119 1/2	123 1/2	106 1/2	111 1/2	114 1/2	112 1/2	113 1/2	107 1/2
Feb.	115 1/2	104 1/2	109 1/2	112 1/2	115 1/2	113 1/2	112 1/2	104 1/2
Mar.	110 1/2	116 1/2	111 1/2	114 1/2	113 1/2	114 1/2	112 1/2	104 1/2
April	111 1/2	110 1/2	109 1/2	116 1/2	111 1/2	114 1/2	113 1/2	106 1/2
May	113 1/2	111 1/2	112 1/2	116 1/2	113 1/2	115 1/2	112 1/2	107 1/2
June	110 1/2	114 1/2	111 1/2	118 1/2	111 1/2	116 1/2	112 1/2	104 1/2
July	111 1/2	119 1/2	113 1/2	116 1/2	110 1/2	117 1/2	111 1/2	101 1/2
Aug.	114 1/2	122 1/2	115 1/2	116 1/2	109 1/2	117 1/2	112 1/2	100 1/2
Sept.	112 1/2	116 1/2	112 1/2	116 1/2	114 1/2	109 1/2	112 1/2	100 1/2
Oct.	111 1/2	114 1/2	113 1/2	116 1/2	110 1/2	113 1/2	109 1/2	104 1/2
Nov.	110 1/2	113 1/2	111 1/2	108 1/2	110 1/2	114 1/2	108 1/2	100 1/2
Dec.	110 1/2	108 1/2	111 1/2	108 1/2	112 1/2	112 1/2	107 1/2	100 1/2

COMPARATIVE RATES OF WEEKLY WAGES PAID IN EUROPE AND IN THE U. S. IN 1878.

[Condensed from the Report of the Secretary of State on the State of Labor in Europe, derived from facts reported by the United States Consuls, Washington, 1879.]

	Bel-gium.	Dep-mark.	France.	Ger-many.	Italy.	Great Britain.	New-York.
Bakers	4.40	4.25	5.55	3.50	3.90	6.50	5-8
Blacksmiths	4.40	3.90	5.45	3.85	3.04	7.04	8-12
Bricklayers	6.00	3.72	4.35	3.00	6.50	7.83	12-13
Cabinet-makers	4.80	5.00	3.07	4.05	7.70	8.48	9-12
Carpenters and Joiners	5.40	4.25	5.42	4.00	4.18	7.33	8-25
Farm Laborers	3.00	3.15	2.87	3.50	3.40	4.85	6-9
Laborers, Porters, etc.	3.00	2.02	2.60	4.50	5.00	6.00	6-9
Painters	4.20	4.15	4.90	3.02	4.00	7.25	8-16
Plasterers	5.40	4.56	4.25	3.80	4.35	6.80	10-13
Plumbers	6.00	5.00	3.60	3.90	7.13	8.16	12-18
Printers	4.60	4.70	4.80	3.90	7.52	7.75	8-18
Shoemakers	3.30	4.75	3.12	4.32	3.22	7.35	12-18
Tailors	4.10	5.10	3.58	4.30	5.00	7.30	10-18
Tinsmiths	4.80	3.90	4.40	3.65	3.60	6.00	7-30

COMPARATIVE RETAIL PRICES OF THE NECESSARIES OF LIFE IN EUROPE AND THE U. S. IN 1878.

	Cents	Cts.	Cents	Cents	Cents.	Cents.
Beef-Roast . . . lb.	20	22	22	20	22	12-16
" Comed. . . lb.	16	16	13	12	18-20	8-12
Beans qt.	10	10	13	9	7-10	7-10
Bread lb.	4-5	3	3-7	2	3 1/2-4 1/2	4-4 1/2
Butter lb.	20-50	25	22	28	29-38	25-30
Coal ton.			\$4.25	\$1.00	\$2.05-4.10	\$3-5-25
Coffee lb.	30-40	35	30	30	20-30	20-30
Eggs doz.	20-25	18	18	18	14-30	25-30
Flour lb.	4	5 1/2	10	10	3 1/2-4 1/2	3-4
Lard lb.	20	20	21	22	12-18	10-12
Milk qt.	4	7	5	5	5-9	8-10
Mutton, fore qr. lb.	16	16	14 1/2	15	16-17	9-10
Oatmeal lb.	8	8	8	8	3 1/2-4 1/2	4-5
Pork, fresh . . . lb.	16	14	17	13	10-16	8-10
" salted . . . lb.	16	14	17	18	10-16	8-10
" Bacon . . . lb.	18	20	20	22	12-16	8-10
" Sausage . . lb.	20	16	10	10	10	8-10
Potatoes . . . bushel	50	50	50	50	68-82.00	1.40-1.60
Soap lb.	15-20	10	4	5 1/2	9	6-7
Sugar lb.	15-20	11	8 1/2	5 1/2	10	8-10
Tea lb.	75	75	75	75	43-88	50-60



PRINCIPAL CITIES.

THEIR DISTANCE FROM NEW YORK, WITH THE DIFFERENCE IN TIME AND POPULATION.

CITIES.	MILES	H'RS.	TIME WHEN TO O'CLK AT NEW YORK.	POPULAT'N.
Albany, N. Y.	144	10 05	12 1 6 P. M.	75,216
Baltimore, Md.	186	10 10	11 49 38 A. M.	267,354
Boston, Mass.	231	10 15	11 50 0 "	250,526
Brooklyn, N. Y.				306,300
Buffalo, N. Y.	423	18	11 40 24 A. M.	117,715
Burlington, Iowa	1118	50	10 51 0 "	14,930
Charleston, S. C.	815	47	10 36 22 "	48,956
Chicago, Ill.	808	36	11 6 3 "	298,983
Cincinnati, Ohio.	744	31	11 18 26 "	216,239
Cleveland, Ohio.	581	23	11 30 0 "	92,829
Detroit, Mich.	664	27	11 23 54 "	79,577
Galveston, Texas.	1822	120	10 36 58 "	13,818
Indianapolis, Ind.	812	34	11 11 54 "	48,244
Louisville, Ky.	852	41	11 14 4 "	100,754
La Crosse, Wis.	1214	50	10 50 0 "	7,785
Memphis, Tenn.	1229	65	10 55 0 "	40,226
Milwaukee, Wis.	998	40	11 4 26 "	71,440
Mobile, Ala.	1698	80	11 0 2 "	32,034
Montreal, Ca.	396	19	12 44 P. M.	107,225
New Orleans, La.	1483	82	10 55 4 A. M.	191,418
New York, N. Y.				505,345
Omaha, Neb.	1420	56	10 32 0 A. M.	16,083
Philadelphia, Pa.	88	4 1/2	11 55 25 "	674,022
Pittsburgh, Pa.	431	17	11 36 0 "	86,076
Portland, Me.	349	15	12 15 0 P. M.	31,414
Quincy, Ill.	1169	50	10 49 0 A. M.	24,059
Richmond, Va.	395	20	11 46 15 "	51,038
Salt Lake City, Utah Ter.	2464	160	9 28 0 "	12,854
San Francisco, Cal.	3302	192	8 46 19 "	149,473
St. Joseph, Mo.	1391	61	10 57 0 "	16,595
St. Louis, Mo.	1089	45	10 53 4 "	310,869
St. Paul, Minn.	1347	64	10 43 45 "	20,021
Saratoga Springs, N. Y.	181	8	12 0 1 P. M.	7,521
Washington, D. C.	226	10	11 47 53 A. M.	109,199
White Mountains, N. H.	323	13 1/2	12 10 30 P. M.	



POPULATION OF STATES AND TERRITORIES—1790 AND 1870.

STATES.	1790.	1870.	STATES.	1790.	1870.
Alabama.....		976,992	N. Carolina.....	393,751	1,071,361
Arkansas.....		484,471	Ohio.....		2,665,260
California.....		550,247	Oregon.....		90,923
Connecticut.....	238,141	537,454	Pennsylvania.....	434,373	3,521,791
Delaware.....	59,096	125,015	R. Island..	69,110	217,353
Florida.....		187,748	S. Carolina..	249,078	765,606
Georgia.....	82,548	1,184,109	Tennessee..		1,258,520
Illinois.....		2,539,891	Texas.....		818,579
Indiana.....		1,680,637	Vermont.....		330,551
Iowa.....		1,101,792	Virginia....	748,308	1,225,163
Kansas.....		364,399	W. Virginia		449,014
Kentucky.....		1,321,011	Wisconsin..		1,054,670
Louisiana.....		766,915	TERRIT.		
Maine.....		626,915	Arizona....		9,668
Maryland.....	319,728	780,894	Colorado..		39,264
Massachusetts	378,717	1,457,351	Dakota.....		14,181
Michigan.....		1,184,059	D. Columbia		131,700
Minnesota..		439,706	Idaho.....		14,999
Mississippi..		827,922	Montana...		20,295
Missouri.....		1,721,295	New Mexico		91,874
Nebraska.....		122,993	Utah.....		86,786
Nevada.....		42,491	Washington		23,955
N. Hampshire	141,899	318,330	Wyoming...		9,116
New Jersey..	184,130	906,096			
New York....	340,120	4,322,759	Total.....	3,821,059	58,555,983

GROWTH OF POPULATION IN U. S.

Population	Per cent.	CITIES.	1800.	1850.	1870.
in Increase.		New York....	60,489	515,547	926,341
1800,	5,305,037.	Philadelphia.	70,287	408,760	674,022
	35.02	Brooklyn....	3,293	170,757	395,266
1810,	7,639,914.		21,037	175,681	286,354
	36.45	Baltimore....	26,514	109,054	267,354
1820,	9,639,191.	Chicago.....	0	28,206	298,983
	33.13	Cincinnati..	400	115,436	216,239
1830,	12,866,020.	St. Louis....	1,300	77,860	310,869
	33.49	New Orleans.	8,000	119,461	191,418
1840,	17,069,453.				
	34.67				
1850,	23,191,876.				
	35.87				
1860,	31,445,060.				
	35.58				
1870,	38,555,983.				
	35.00				



DOMESTIC POSTAGE.

FIRST CLASS MAIL MATTER.

LETTERS.—This class includes letters, postal cards, and anything sealed, or otherwise closed against inspection, or anything containing writing not allowed as an accompaniment to printed matter, under class three. Postage, 3 cents each half ounce or fraction thereof. On local or drop letters, at free delivery offices, 2 cents. At offices where no free delivery by carrier, 1 cent. Prepayment by stamps invariably required. Postal cards, 1 cent. Registered matter, 10 cents in addition to the proper postage.

SECOND CLASS.

REGULAR PUBLICATIONS.—This class includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated intervals as frequently as four times a year, from a known office of publication or news agency. Postage, 2 cents a pound or fraction thereof, prepaid by special stamps. Publications designed primarily for advertising or free circulation, or not having a legitimate list of subscribers, are excluded from the pound rate, and pay third class rates.

THIRD CLASS.

Mail matter of the third class includes books, transient newspapers, and periodicals, circulars, and other matter wholly in print, legal and commercial papers filled out in writing, proof-sheets, corrected proof-sheets, and manuscript copy accompanying the same. Manuscript unaccompanied by proof-sheets, letter rates. Limit of weight, 4 pounds each package, except single books—weight not limited. Postage, 1 cent for each 2 ounces or fractional part thereof, invariably prepaid by stamps.

FOURTH CLASS.

Embraces merchandise and all matter not included in the first, second, or third class, which is not liable to injure the mail matter. Limit of weight, 4 pounds. Postage, 1 cent each ounce or fraction thereof, prepaid.

POSTAL MONEY-ORDERS.

An order may be issued for any amount from one cent to fifty dollars, inclusive; but fractional parts of a cent cannot be included. The fees are: On orders not over \$15, 20 cents; \$15 to \$30, 25 cents; \$30 to \$40, 20 cents; \$40 to \$50, 25 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.

Postal Cards, 1 cent in addition to stamp impressed. Newspapers, 2 cents each, if not over four ounces, and 2 cents for each additional four ounces or part thereof.

For other Printed Matter and Samples, 1 cent for each package, and an additional 1 cent for each two ounces or fraction thereof—the *minimum* rate for commercial papers being 5 cents for a package.

All matter, except Letters, must be prepaid. Letters and other packages may be registered on payment of a fee of 10 cents.

The fees for Money Orders on Switzerland and Italy are: not over \$10, 25 cents; \$10 to \$20, 50 cents; \$20 to \$30, 75 cents; \$30 to \$40, \$1.00; \$40 to \$50, \$1.25.

On Great Britain and Ireland, not over \$10, 20 cents; \$10 to \$20, 40 cents; \$20 to \$30, 60 cents; \$30 to \$40, 80 cents; \$40 to \$50, \$1.00.

On Germany, France, or Algeria, not over \$10, 15 cents; \$10 to \$20, 30 cents; \$20 to \$30, 45 cents; \$30 to \$40, 60 cents; \$40 to \$50, 75 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.

The fees for Money Orders on Canada and Newfoundland are: not over \$10, 20 cents; \$10 to \$20, 40 cents; \$20 to \$30, 60 cents; \$30 to \$40, 80 cents; \$40 to \$50, \$1.00.

STAMP DUTIES.

CHECKS, DRAFTS, NOTES, ORDERS, &c., if paid by Bank, Banker, or Trust Company, are subject to a stamp duty of 2 cents; all other instruments are exempt.

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	Mar. 4, 1801	8 " " " "	July 4, 1826	Virginia
JAMES MADISON.....	Mar. 16, 1751	" " " "	" " " "	June 28, 1836	" "
JAMES MONROE.....	April 9, 1758	" " " "	" " " "	July 4, 1831	" "
JOHN QUINCY ADAMS.....	July 11, 1767	" " " "	" " " "	Feb. 23, 1848	Mass.
ANDREW JACKSON.....	Mar. 15, 1767	" " " "	" " " "	June 8, 1845	S. Carolina.
MARTIN VAN BUREN.....	Dec. 5, 1782	" " " "	" " " "	Dec. 27, 1862	New-York.
W. H. HARRISON.....	Feb. 9, 1773	Mar. 20, 1790	11 months.....	April 4, 1841	Virginia.
JOHN TYLER.....	Mar. 29, 1790	April 5, 1841	3 yrs. 11 m.	Jan. 18, 1862	" "
JAMES K. POLK.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
ZACHARY TAYLOR.....	Nov. 24, 1790	Mar. 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	" " " "	" " " "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN.....	Feb. 12, 1809	" " " "	" " " "	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	" " " "	" " " "	" " " "	" "

General Routes from San Francisco.

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

ALBANY, Oregon.—700 miles. Railroad to Reading, stage to Roseburg, railroad to Albany; or steamer to Portland and rail to Albany.

ASHLAND, Oregon.—C. P. & O. D. to Reading, 309 miles; stage, 161 miles. Fare, \$37.40.

ASTORIA, Oregon.—666 miles. Steamer once a week, (generally.)

BIG TREES, Cal.—160 miles. Railroad to Galt, stage to Big Trees.

BOHEMIA, Cal.—C. P. R. R. to Reno, 204 miles. V. and T. to Carson, 31 miles. Stage, 119 miles. Fare, \$36.25.

BOISE CITY, I. T.—738 miles. C. P. R. R. to Winnemucca, stage to Boise City.

CALISTOGA, Cal.—66 miles. Steamer to Vallejo, railroad to Calistoga.

CARSON, Nev.—324 miles. C. P. R. R. to Reno, branch railroad to Carson.

CHICO, Cal.—C. P. & O. D., 235 miles. Fare, \$3 50.

CLOVERDALE, Cal.—S. F. & N. P., 90 miles. Fare, \$4.25.

COLFAX, Cal.—C. P., 193 miles. Fare, \$7.75.

COLUSA, Cal.—P. & N. to Williams, 122 miles, stage 10 miles. Fare, \$7.75.

CORVALLIS, Oregon.—712 miles. Railroad to Reading, stage to Roseburg, rail to Albany, stage to Corvallis; or steamer to Portland, rail to Albany, stage to Corvallis.

CRYSTAL SPRINGS.—23 miles. 3 miles west of San Mateo, by stage.

DALLAS, Oregon.—Steamer to Portland, 730 miles. O. & C. to St. Joseph, 48 miles. Stage, 30 miles. Fare, \$27.00.

DALLAS, Oregon.—800 miles. Steamer to Portland, Steamer to Dallas.

DAYTON, Oregon.—Steamer to Portland, 730 miles; O. & C. to St. Joseph, 48 miles; stage, 5 miles. Fare, \$27.00.

DIXON, Cal.—Cal. P., 65 miles. Fare, \$3.25.

EUREKA, Cal.—223 miles. Steamer to Humboldt Bay.

EUGENE CITY, OREGON.—687 miles. Railroad to Reading, stage to Roseburg, rail to Eugene City; or steamer to Portland, rail to Eugene.

EUGENE CITY, OREGON.—Steamer to Portland, 730 miles; O. C. or River Steamer, 124 miles. Fare, \$27.00.

EUREKA, Nev.—C. P. to Palisade, 575 miles. E. & P., 69 miles. Fare, \$45.75.

FOREST GROVE, OREGON.—Steamer to Portland, 730 miles; O. C., 25 miles. Fare, \$21.50.

GEYSERS, Cal.—Steamer to Donahue, rail to Cloverdale, stage to Geysers; or steamer to Vallejo, rail to Calistoga, stage to Geysers.

GILREY, Cal.—S. P., 80.3 miles. Fare, \$3.25.

GRASS VALLEY, Cal.—C. P. to Colfax, 194 miles. N. C. 10 1/2 miles. Fare, \$9.50.

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

IDAHO CITY, I. T.—774 miles. C. P. R. R. to Winnemucca, stage to Idaho City, via Boise.

INDEPENDENCE, Oregon.—Steamer to Portland, 730 miles; O. C. to St. Joseph, 43 miles; stage, 39 miles. Fare, \$29.00.

JUNCTION CITY, Oregon.—Steamer to Portland, 730 miles. Q. & C., 110 miles. Fare, \$25.50.

LA GRANDE, Oregon.—Steamer to Portland, 930 miles; steamer to Umatilla, 225 miles; stage, 85 miles. Fare, \$45.00.

LAKE TAHOE.—272 miles. C. P. R. R. to Truckee, Cal., stage to Tahoe.

LEWISTON, I. T.—1070 miles. Steamer to Portland, steamer to Lewiston, via Dalles.

LOS ANGELES, Cal.—389 miles.—Steamer to Santa Monica, rail to Los Angeles; or C. P. R. R. to Lathrop, and S. P. R. E. to Los Angeles.

MARYSVILLE, Cal.—190 miles. C. P. E. R. via Sacramento.

MONTREY, Cal.—100 miles by steamer; or via S. P. E. R. to Salinas, 117 miles, thence branch railroad to Monterey.

NAPA CITY, Cal.—45 miles. Steamer to Vallejo, rail to Napa.

NEVADA, Cal.—200 miles. C. P. R. R. to Colfax, rail to Nevada.

OLYMPIA, W. T.—900 miles. Steamer to Victoria, steamer to Olympia.

PENDLETON, Oregon.—Steamer to Portland, 730 miles. River Steamer to Umatilla, 225 miles. Stage, 50 miles. Fare, \$37.00.

PORTLAND, Oregon.—732 miles. Railroad to Reading, stage to Roseburg, rail to Portland; or 675 miles, steamer, weekly.

RENO, Nev.—C. P., 294 miles. Fare, \$16.75.

ROSEBURG, Oregon.—582 miles. Rail to Reading, stage to Roseburg; or steamer to Portland, rail to Roseburg.

SACRAMENTO, Cal.—Via C. P. R. E., 138 miles; via River, 117 miles; via steamer to Vallejo and rail to Sacramento, 90 miles.

SALEM, Oregon.—Steamer to Portland, 730 miles. Rail or steamer to Salem, 33 miles. Fare, \$54.50.

SALINAS, Cal.—S. P., 118 miles, or by Steamer. Fare, \$5.40.

SALT LAKE CITY, U. T.—918 miles. C. P. R. E. to Ogden, rail to Salt Lake City.

SAN DIEGO, Cal.—180 miles. Steamer, weekly.

SAN JOSE, Cal.—50 miles. C. P. R. E. and S. P. R. E. three times a day.

SAN LUIS OBISPO, Cal.—210 miles. Steamer; or rail to Salinas, stage to San Luis Obispo.

SAN MATEO, Cal.—20 miles. S. P. R. E. three times a day.

SANTA BARBARA, Cal.—290 miles. Steamer; or rail to Salinas, and stage to Santa Barbara, daily.

SANTA CRUZ, Cal.—100 miles. Rail to Watsonville, branch E. R. to Santa Cruz.

SANTA OLARA, Cal.—47 miles. S. P. R. E. three times a day.

STOCKTON, Cal.—90 miles. Via O. P. R. E., or 117 miles via River.

UMATILLA, Oregon.—Steamer to Portland, 750 miles. River Steamer, 225 miles. Fare, \$30.00.

VALLEJO, Cal.—Cal. P. Steamer, 27 miles. Fare, \$1.00.

VIRGINIA CITY, Nev.—C. P. to Reno, 294 miles; V. & T. 52 miles. Fare, \$19.75.

YOSEMITE, Cal.—C. P. & V. D. to Merced, 140 miles; stage, via Coulterville (northern side), 89 miles; or via Mariposa (southern side), 100 miles; or C. P. & V. D. to Madera, 173 miles; stage, via Mariposa Grove, 100 miles; or C. P. to Stockton, 92 miles; S. & C. to Milton, 30 miles; stage, via Calaveras Big Trees, 147 miles.

Walla Walla and Colfax Stage Line,

Carrying U. S. Mails and Wells, Fargo & Co.'s Express,
leaves the **STREET HOUSE** every day

FOR DAYTON,

Connecting at Dayton for Colfax and Lewiston six times
a week. Connecting at Colfax for

Spokane Falls, Palouse City and Fort Colville,

THREE TIMES A WEEK.

	MILES.	FARE.
Walla Walla to Watsburg,.....	18	\$ 2 50
" " to Dayton,.....	30	3 00
" " to Lewiston,.....	90	10 00
" " to Colfax,.....	95	10 00
" " to Spokane Falls,.....	147	16 00
" " to Fort Colville,.....	210	23 00

Distances from Portland, Ogn., to Corvallis, by Western Ogn. R. R.

Portland,.....	0	Carlton,.....	43
Fourth St. Bridge,.....	2	St. Joseph,.....	47
Summit,.....	9	McMinnville,.....	50
Beverton,.....	12	Crossing W. V. R. R.,.....	54
Reedville,.....	16	Amity,.....	57
Newton,.....	19	McCoy,.....	62
Hillsboro,.....	21	Derby,.....	70
Cornelius,.....	24	Independence,.....	76
Forest Grove,.....	26	Parker,.....	81
Dilley's,.....	28	Boap Creek,.....	83
Gaston,.....	32	Wells,.....	86
Wapato,.....	34	Corvallis,.....	97
North Yamhill,.....	40		

Distances from Kalama to Tacoma by Western Pacific R. R.

Kalama,.....	0	Napavine,.....	48.2
Carroll's,.....	4.5	Newaukum,.....	47.9
Monticello,.....	8	Chehalis,.....	50.3
Wallace's,.....	9.7	Centerville,.....	54.2
Cowlitz,.....	10.9	Skookum Chuck,.....	59.7
Castle Rock,.....	19.8	Tentino,.....	66
Olequa,.....	28	Yelm Prairie,.....	79.6
Little Falls,.....	80.7	Lake View,.....	96.3
Winlock,.....	36.8	Tacoma,.....	106

Distances from Portland, Ogn., to San Francisco

BY	BY	BY	
O. & C. R. R.	Cal. & Ogn. Coast Over'l'd Mail Co.	C. P. R. R.	
Portland,.....	0	Redding,.....	0
E. Portland,.....	0	Clear Creek,.....	5
Machine Shop,.....	3	Anderson,.....	11
Milwaukie,.....	7	Cottonwood,.....	18
Clackamas,.....	11	Red Bluff,.....	35
Oregon City,.....	16	Telama,.....	47
Rock Island,.....	20	Sesma,.....	48
Canby,.....	25	Vina,.....	56
Aurora,.....	29	Soto,.....	60
Hubbard,.....	33	Cana,.....	65
Woodburn,.....	37	Anita,.....	68
Gervais,.....	40	Nord,.....	67
Brooks,.....	45	Chico,.....	74
Salem,.....	56	Ashland,.....	115
Turner,.....	61	Casey's,.....	122
Marion,.....	67	Coles',.....	185
Jefferson,.....	72	Klamath Fer.,.....	140
Millers,.....	76	Yreka,.....	160
Albany,.....	81	Starveout,.....	172
Tangent,.....	87	Butteville,.....	185
Shedds,.....	98	Straw'by Val.,.....	198
Halsey,.....	98	Castle Rock,.....	210
Harrisburg,.....	106	Southern's,.....	221
Junction,.....	110	Slate Creek,.....	231
Hallets,.....	117	Sacram'to Fer. 243	243
Eugene,.....	124	Arcade,.....	163
Cresswell,.....	135	Allen's,.....	253
Latham,.....	145	Oakland,.....	181
Drain,.....	161	Bass,.....	263
Yoncalla,.....	167	Redding,.....	275
Oakland,.....	181		
Umpqua,.....	189		
Roseburg,.....	200		
		San Francisco,.....	310

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 at 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.); o. h., 00 m. a. denotes midnight; 0 b., 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.					FEBRUARY.						
D	First.	Second	D	First.	Second	D	First.	Second	D	First.	Second
1	1 31 a	11 57 a	17	1 47	0 33 p	1	1 56 a	1 24 p	17	1 23 a	1 00 p
2	2 15 a	0 49 p	18	2 10 a	1 15 p	2	2 25 a	2 25 p	18	1 46 a	1 55 p
3	3 51	1 30 p	19	3 35 a	2 03 p	3	3 58 a	3 32 p	19	2 10 a	2 56 p
4	4 34 a	2 25 p	20	3 01 p	3 03	4	4 30 a	4 46 p	20	2 44 a	4 09 p
5	5 58 a	3 45 p	21	3 34 a	4 12	5	5 27 a	6 01 p	21	3 29 a	5 26 p
6	4 31 a	4 48 p	22	4 14 a	5 26	6	6 15 a	8 20 p	22	6 29 a	8 00 p
7	5 18 a	6 15 p	23	5 03 a	6 40	7	6 18 a	7 15 p	23	6 06 a	9 15 p
8	6 11 a	7 12 p	24	6 03 a	7 55	8	7 03 a	10 33 p	24	7 46 a	10 18 p
9	7 05 a	8 31 p	25	7 03 a	9 15	9	8 00 a	11 47 p	25	8 84 a	11 14 p
10	7 54 a	9 55 p	26	8 06 a	10 34	10	8 44 a	11 16 p	26	9 26 a	11 55 p
11	8 40 a	10 54 p	27	9 06 a	11 39 p	11	9 42 a	11 47 p	27	10 12 a	
12	9 24 a	11 49 p	28	10 02 a	12 10 p	12	10 25 a	11 06 a	28	0 23 a	11 41 a
13	10 06		29	0 32	10 57 a	13	0 14	11 06 a			
14	9 25	10 45 a	30	1 06	11 46 a	14	0 39	11 42 a			
15	0 55	11 22 a	31	1 32 a	0 33 p	15	1 00 a	0 19 p			
16	1 24	11 56 a									

MARCH.					APRIL.						
D	First.	Second	D	First.	Second	D	First.	Second	D	First.	Second
1	0 43 a	0 25 p	17	0 34 a	1 02	1	0 51 a	2 02 p	17	1 05 a	3 10 p
2	1 08 a	1 10 p	18	0 59 a	1 59	2	1 27 a	3 04 p	18	1 47 a	4 14 p
3	1 26 a	2 17 p	19	0 21 a	3 02	3	2 06 a	4 00 p	19	2 29 a	5 17 p
4	2 11 a	3 25 p	20	2 09 p	4 10	4	3 56 a	5 13 p	20	3 46 a	6 19 p
5	2 47 a	4 10 p	21	2 45 a	5 23	5	3 49 a	6 19 p	21	5 00 a	7 18 p
6	3 34 a	5 37 p	22	3 50 a	6 36	6	4 48 a	7 14 p	22	6 09 a	8 12 p
7	4 20 a	6 58 p	23	5 09 a	7 47	7	5 46 a	8 55 p	23	8 29 a	9 42 p
8	5 26 a	7 59 p	24	6 23 a	8 52	8	6 46 a	10 25 p	24	9 38 a	10 19 p
9	6 24 a	8 56 p	25	7 35 a	9 47	9	7 44 a	9 36 p	25	10 43 a	10 47 p
10	7 23 a	9 46 p	26	8 42 a	10 32	10	8 42 a	10 26 p	26	11 39 a	11 15 p
11	8 18 a	10 29 p	27	9 44 a	11 06	11	9 26 a	10 35 p	27	11 39 a	11 46 p
12	9 10 a	11 02 p	28	10 42 a	11 33 p	12	10 28 a	11 01 p	28	0 29 a	1 25 p
13	9 57 a	11 33 p	29	11 33 a	11 57 p	13	11 20 a	11 24 p	29	1 00	
14	10 44 a	11 54 p	30	0 19		14	0 13 p	11 54 p	30	0 18 a	2 18 p
15	11 28		31	0 25 a	1 06 p	15	1 00				
16	0 15 a	0 13				16	0 27 a	2 08			

MAY.					JUNE.						
D	First.	Second	D	First.	Second	D	First.	Second	D	First.	Second
1	0 52 a	3 09 p	17	1 31 a	3 58	1	1 45 a	3 56 p	17	2 21 a	4 50 p
2	1 28 a	3 57 p	18	2 32 a	4 51	2	2 24 a	4 53 p	18	4 36 a	5 38 p
3	2 19 a	4 45 p	19	3 41 a	5 41	3	3 29 a	5 07 p	19	5 56 a	6 29 p
4	3 11 a	5 33 p	20	4 54 a	6 31	4	4 33 a	5 49 p	20	7 18 a	7 29 p
5	4 07 a	6 17 p	21	6 08 a	7 25 a	5	5 28 a	6 34 p	21	8 36 a	8 17 p
6	5 07 a	7 00 p	22	7 16 a	8 14 p	6	6 41 a	7 23 p	22	9 45 a	8 59 p
7	6 05 a	7 42 p	23	8 28 a	8 57 p	7	7 51 a	8 09 p	23	11 47 a	9 35 p
8	7 00 a	8 22 p	24	9 37 a	9 37 p	8	8 04 a	8 51 p	24	11 40 a	10 13 p
9	8 13 a	9 02 p	25	10 45 a	10 10 p	9	9 10 a	9 30 p	25	0 28 p	10 49 p
10	9 12 a	9 41 p	26	11 44 a	10 45 p	10	11 23 a	10 14 p	26	1 09 p	11 26 p
11	10 19 a	10 16 p	27	0 38 a	11 13 p	11	0 25 p	10 58 p	27	1 44	
12	11 23 a	10 37 p	28	1 23 p	11 49 p	12	1 20 p	11 45 a	28	2 08 a	2 16 p
13	0 25 p	11 20 p	29	0 25 a	12 06 p	13	2 08		29	0 37 a	2 04 p
14	1 20 p	11 56 p	30	0 25 a	12 45 p	14	0 34 a	2 53 p	30	1 18 a	3 00 p
15	2 14		31	1 02 a	3 22 p	15	1 24 a	3 23 p			
16	0 41 a	3 05				16	2 21 a	4 08			

HIGH WATER AT SAN FRANCISCO.

JULY.

D	First.	Second	D	First.	Second
1	2 08a	3 34 p	17	4 36	4 44 l
2	3 07	4 05	18	5 33	5 38 l
3	4 10	4 40	19	7 11	6 39
4	5 16	5 23 1/2	20	8 25	7 35 1/2
5	6 26	6 21 1/2	21	9 34	8 24 1/2
6	7 36	7 14 1/2	22	11 31	9 06 1/2
7	8 52	8 12 1/2	23	1 0 11 p	10 28
8	10 11	9 01 1/2	24	0 11 p	11 06
9	11 21 a	9 49 1/2	25	0 40 p	11 06
10	0 16 p	10 43	26	1 05 p	11 44 l
11	1 01 p	11 32	27	1 23	1 26
12		1 45	28	2 03 1/2	1 49
13	0 21 a	2 20	29	2 08	2 12
14	1 11	2 49	30	1 51	2 36 1/2
15	2 10	3 21 1/2	31	2 46 a	3 00 p
16	3 20	3 56 1/2			

AUGUST.

D	First.	Second	D	First.	Second
1	3 51 a	3 46 p	17	7 03	6 55 1/2
2	5 02	4 33 1/2	18	8 12	6 54 1/2
3	6 15	5 39 1/2	19	9 17	7 49 1/2
4	7 32	6 34 1/2	20	10 13	8 41 1/2
5	8 51	7 49 1/2	21	11 56	9 29 1/2
6	10 05	8 40 1/2	22	11 30	10 11 1/2
7	11 10	9 35 1/2	23	11 56 a	10 53 1/2
8	0 05	10 33 1/2	24	0 17 p	11 32
9	0 39 p	11 22	25	1 04	12 08
10		1 04	26	0 10 a	1 01 1/2
11	0 13 a	1 34 1/2	27	0 52	1 21 1/2
12	1 06	2 02	28	1 43	1 47 1/2
13	2 06	2 31 1/2	29	2 33	2 21 1/2
14	3 15	3 10 1/2	30	3 44	3 04 1/2
15	4 22	3 50 1/2	31	4 56 a	3 57 p
16	5 50	4 54 1/2			

SEPTEMBER.

D	First.	Second	D	First.	Second
1	6 11 a	4 56 p	17	8 45	7 13 1/2
2	7 30	6 05 1/2	18	9 33	8 19 1/2
3	8 42	7 13 1/2	19	10 10	9 01 1/2
4	9 47	8 21 1/2	20	10 50	9 47 1/2
5	10 43	9 26 1/2	21	11 04	10 31
6	11 26	10 27 1/2	22	11 24	11 17
7	11 50	11 19	23	11 47	11 10
8	12 06	11 15	24	0 03	0 17
9	0 06	0 43 1/2	25	0 51	0 36
10	0 59	1 14 1/2	26	1 44	1 08 1/2
11	1 59	1 47 1/2	27	2 42	1 43 1/2
12	3 05	2 37 1/2	28	3 49	2 37 1/2
13	4 21	3 14 1/2	29	4 57	3 32 1/2
14	5 34	4 10 1/2	30	6 05 a	4 32 p
15	6 42	5 11 1/2			
16	7 48	6 13 1/2			

OCTOBER.

D	First.	Second	D	First.	Second
1	7 12 a	5 49 p	17	9 33	7 33 1/2
2	8 15	7 02 1/2	18	9 10 a	8 22
3	9 09	8 14 1/2	19	9 44 1/2	9 24
4	9 58	8 17	20	10 14	10 19
5	10 41	10 10	21	11 04	11 10 p
6	11 13	11 11	22	0 01	11 31 a
7	11 56		23	0 01	11 31 a
8	0 06	0 01 1/2	24	0 50	0 01 p
9	0 04	0 30 1/2	25	1 51	0 39 1/2
10	2 03	1 02	26	2 48	1 30 1/2
11	3 06	1 45	27	3 43	2 11 1/2
12	4 09	2 37 1/2	28	4 45	3 12 1/2
13	5 09	3 34 1/2	29	5 45	4 20 1/2
14	6 10	4 34 1/2	30	6 41	5 24 1/2
15	7 01	5 36 1/2	31	7 35 a	6 40 p
16	7 48	6 24 1/2			

NOVEMBER.

D	First.	Second	D	First.	Second
1	8 23 a	8 01 p	17	8 37 1/2	9 05
2	9 00 1/2	9 12	18	9 17	10 08
3	9 50	10 17 1/2	19	9 53	11 10 p
4	10 25 1/2	11 19 p	20	10 26 1/2	
5	10 54		21	0 05	10 58 a
6	0 17	11 44 a	22	1 07	11 31 a
7	1 13	11 56 a	23	1 52	0 10 p
8	2 05	0 39 a	24	2 41	1 04 1/2
9	2 54	1 23 1/2	25	3 26	2 00 1/2
10	3 42	2 06 1/2	26	4 15	3 01 1/2
11	4 28	2 56 1/2	27	5 05	4 12 1/2
12	5 14	3 29 1/2	28	5 57 1/2	5 27
13	5 53	4 53 1/2	29	6 45 1/2	6 47
14	6 30	5 55 1/2	30	7 33 a	8 04 p
15	7 10 1/2	6 58 1/2			
16	7 50 1/2	8 02			

DECEMBER.

D	First.	Second	D	First.	Second
1	8 18 a	9 17 p	17	8 22 1/2	9 55
2	9 04	10 23	18	9 05 1/2	11 08 p
3	9 46	11 24 p	19	9 49	10 24 a
4	10 24		20	0 05	10 51 a
5	0 21	11 01 a	21	1 00	11 31 a
6	1 12	11 35 a	22	2 27	0 05 p
7	1 56	0 12 a	23	3 05	1 51 1/2
8	2 33	0 50 1/2	24	3 05	2 54 1/2
9	3 09	1 34 1/2	25	3 30 1/2	3 54 1/2
10	3 40	2 22 1/2	26	4 18 1/2	4 04 1/2
11	4 09	3 20 1/2	27	5 04	4 40 1/2
12	4 45 1/2	4 19 1/2	28	5 54	5 20 1/2
13	5 25 1/2	5 22	29	6 50 1/2	6 00
14	6 13 1/2	6 24	30	7 44 1/2	6 58
15	7 05 1/2	7 32	31	8 38 a	10 30 p
16	7 52 1/2	8 44			

Forest Grove

JANUARY, SATURDAY 1. 1881.

I worked in the Shop all day, finished a pair of sewed boots for David Smith; Minnie's mother came down on a visit.
cloudy & foggy no rain

Forest Grove SUNDAY 2.

Bess & her mother went to church at H. O'Leary; Wallace & Philaena here for dinner; 3 chickens for dinner; Isaac came home from Uncle Marv's after prom; Isaac & me went to church in evening
cloudy & foggy some rain in evening.

MONDAY 3.

I worked in the shoe shop all day on repairing.
Sent a letter to J. H. Prover.

Chilling clouds no rain

Forest Grove

JANUARY, TUESDAY 4. 1881.

I worked in the shoe shop all day on repairing. Bess & her mother went out calling. I hear most of the day with flying clouds.

WEDNESDAY 5.

I worked in shoe shop all day. Mother & Mrs. G. came over on a visit. Bess & her mother went over to Uncle Thomas. I sage & me batched it. Cloudy with drizzling rain.

THURSDAY 6.

I worked in the shoe shop all day. Sent three dollars to Jim Henry. Bess & her mother still off on a visit & are & me batching. Cloudy & drizzling rain after noon.

Forest Grove

JANUARY, FRIDAY 7. 1881.

I worked in the shoe shop all day. Bess & her mother come home from Uncle James. I read the news that I would get the appointment at the Indian school. Cloudy & misting rain.

SATURDAY 8.

I worked in the shoe shop all day. Joe sent a bill to Portland for Cather. I got a letter from Robert. Cloudy & cool; misting rain.

SUNDAY 9.

I staid at home all day had the neuralgia. I had and his mother went to church at 11 o'clock. I went to church in the evening. Cloudy & raining most of the day.

JANUARY, MONDAY 10. 1881.

Worked in the shoe shop
all day, mostly on repairing
I went over to Capt. Milpines
house to make out a pair of leather & tools
for Indian School, Liberty Election
cloudy & raining hard all day
Bessie's mother went home

TUESDAY 11.

I did not work in the shop
very much, had a terrible cold
Recd. a bill of stock from J. L.
Stowbridge.
cloudy & raining most of the day

WEDNESDAY 12.

Worked in the shoe shop
all day, part of the day on
a pair of boots for myself
part of the day on repairing
Sun shining part of the
day cloudy & raining part of
the day

Hotels - Groce

JANUARY, THURSDAY 13. 1881.

Worked in the shoe shop
all day, on repairing
cloudy but not raining.

FRIDAY 14.

Worked in the shoe shop
all day, on a pair of
boots for Dr. Ch. Bowditch and
some repairing.
cloudy but not raining.

SATURDAY 15.

Worked all day in the shoe
shop on a pair of boots for Dr.
Bowditch; finished them up in
the evening. Bess & I had
put out a big washing.
cloudy & raining part of the day.

JANUARY, SUNDAY 16. 1881.

I staid at home all day
wrote A letter to Elvira
Olson and one to John
Henrici.

cloudy & cold some rain,

MONDAY 17.

I worked in the Shoe
Shop all day most of the
day on repairing; part of
the day on a pr. for Phil.
Beal.
cloudy & rainy.

TUESDAY 18.

I worked all day in the
shoe shop on a pr. of
boots for Phil. Beal.

cloudy all day drizzling rain

JANUARY, WEDNESDAY 19. 1881.

I worked in the shoe shop most
of the day. I went out to Indian
school to see if the bill of lattel
from Portland was all right.
Reed my Howe Sewing machi-
ners set up the mfg. machine
cloudy & foggy in evening clear after noon.

THURSDAY 20.

I worked in the shoe shop
part of the day, on repairing
I worked part of the at putt-
ing up the family Sewing
machines.
clear & cool all day

FRIDAY 21.

I finished sitting up
the sewing machines in
at Boose before noon.
I went out to the Indian
School after noon to com-
mence teaching the Indians
shoemaking.
clear & cool

JANUARY, SATURDAY 22. 1881.

I did not work much
I had the headache all day
Capt. Wilkinson came up
to take my age & first place
Mrs. J. went over to see the
bear & cool most all day

SUNDAY 23.

Staid at home before
noon. Bees & me went
down to Park Buffalo
after noon

Cloudy & cool.

MONDAY 24.

I worked on a pair of boots
for myself before noon I went
out to the Indian School
after noon to instruct some
of the boys in shoemaking

cloudy & cool all day

JANUARY, TUESDAY 25. 1881.

I worked in the shoe shop
before noon on a pair of boots
for myself. I went out to the
Indian School after noon to
teach some of the boys shoemaking
cloudy & cold windy & snowing

WEDNESDAY 26.

I worked in the shoe shop
before noon stitching back ear
tags on the machine for David
Stewart. Bees finished them up
after noon I went out to the
Indian School after noon
cloudy & cold & windy snow on the ground

THURSDAY 27.

I worked in the shoe shop
before noon on repairing I went
out to the Indian School after
noon to teach some Indian boys
shoemaking

cloudy & cold snow on the ground

House Grove

JANUARY, FRIDAY 28. 1881.

Worked in the shoe shop before noon, on repairing. I went out to the Indian school after noon worked a little while & brought some sheep skins to stitch for Blacksmiths. Cloudy & rainy & snow on ground.

SATURDAY 29.

Worked in the shoe shop most of the day, recd a package from A. Strongbridge. Sold some violin strings to C. J. Pulliam. Cloudy & cool in rain.

SUNDAY 30.

Bess & I went to church at the Methodist Church at 11 o'clock. We took a walk after noon.

Cool & cool

JANUARY, MONDAY 31. 1881.

Worked in the shoe shop before noon, on repairing. Lewis Winter came in to see me before noon. I went out to the Indian school after noon. Cloudy & cool.

FEBRUARY, TUESDAY 1.

Worked in the shoe shop before noon, commenced another pair of boots for David Smith. I went out to the Indian school after noon. Cloudy & Raining.

WEDNESDAY 2.

Worked in the shoe shop before noon, on the pair of boots for David Smith. I went out to the Indian school to work after noon. Cloudy & Raining.

Forest - Grove

FEBRUARY, THURSDAY 3. 1881.

I worked in the shoe shop
before noon, on a pair of boots
for David Smith. I went out
to the Indian school after noon
to instruct some boys in shoemaking.
warm cloudy & raining most all day

FRIDAY 4.

I worked in the shoe shop
before noon, on a pair of
sewed boots for David Smith.
Went out to the Indian school
to work after noon.
cloudy & raining before noon, flying
clouds & sun shining after noon, warm

SATURDAY 5.

I worked in the shoe shop
all day on a pair of boots
for David Smith
warm cloudy & showery all day

Forest - Grove

FEBRUARY, SUNDAY 6. 1881.

I staid at home all day
Wallace & his children
came up, & took dinner
at our house. I had had a
my been had an awful bad cold,
cloudy & raining all day.
The baby fell out of his buggy

MONDAY 7.

I worked in the shoe shop
before noon, finished stitching
David Smith's boots, went out
to the Indian school to
work after noon & got a letter from
Robert.
cloudy & cool but no rain

TUESDAY 8.

I worked in the shoe shop
before noon on repairing.
Went out to the Indian
school to work after noon
The boy was very sick
cloudy & showery

FEBRUARY, WEDNESDAY 9. 1881.

Worked in the shoe shop part
of the fore noon. Went out to the
Indian School to work after noon.
Wrote a letter to mother in
the morning.
Our baby still very sick
cloudy & raining

THURSDAY 10.

Worked in the shoe shop part
of the fore noon. Went out to the Indian
school to work after noon. I sent
Wallace to land after mother in the
morning. Ma. & Wm. to come up. Wm.
Went home in the evening. Ma. staid all night.
cloudy & raining; our baby still sick.

FRIDAY 11.

Worked in the shoe shop part
of the fore noon. finished David
Smith's Sewed books. Went
out to the Indian School to work
after noon. Mother went home after noon.
our baby still sick.
Snowed some in the after part
of the night

FEBRUARY, SATURDAY 12. 1881.

I did not work in the shoe
shop at all. Staid up stairs
and helped Desb take care of
the baby.
cloudy & snowing. snow 12 ins
deep

SUNDAY 13.

Minnie. Isaac & me
staid at home all day with
the baby. Isaac went ^{to}
church in the evening.
Baby still sick
Glyking clouds sun shining
and snow on the ground

MONDAY 14.

Worked in the shoe shop before
noon, on repairing. I went out
to the Indian School to work
after noon. our baby getting
better.
cloudy & cool snow on the ground

FEBRUARY, TUESDAY 15. 1881.

I worked in the shoe shop before noon on repairing. I went out to the Indian School to work after noon. our baby still getting better.

Cloudy & cool snow on the ground

WEDNESDAY 16.

I worked in the shoe shop before noon on a pair of boots for John Gashilow. I went out to the Indian School to work after noon. Frank Katching came & took a lesson on the violin.

Cloudy Cool & snow on the ground

THURSDAY 17.

I worked in the shoe shop before noon on repairing. I went out to the Indian School after noon to work. our babe getting about well.

Cloudy & cool snow on the ground

FEBRUARY, FRIDAY 18. 1881.

I started in to help Bess wash before noon, done some repairing in shoe shop. went out to the Indian School to work after noon.

baby about well

Cloudy & cool snow on ground

SATURDAY 19.

I worked in the shoe shop all day on repairing. Mrs. G. came up.

Cloudy & some rain not very cold. the snow melting off.

SUNDAY 20.

I staid at home all day Bess went over to Mrs. Hudsons a little while before after noon. Isaac went out for a walk

snow all gone

cloudy & some rain not very cool snow most all gone

FEBRUARY, MONDAY 21. 1881.

I worked in the shoe shop
before noon on repairing
I went out to the Indian school
to work after noon.

cloudy & some rain not very cold

TUESDAY 22.

I did not do much before noon
I went out to the Indian school
to work after noon and Bess
went with me to visit the
Indian school & Mrs. Showers
cloudy & warm no rain.

WEDNESDAY 23.

I wrote a letter to Alvin
Olson & done some choore
about the house before noon
I went out to the Indian
school to work after noon.

cloudy & warm no rain

FEBRUARY, THURSDAY 24. 1881.

I made a wreath box for
Minnies mother before noon.
I went out to the Indian
school to work after noon
Frank Hatching took lesson
cloudy & some cooler a
shower of rain in the evening

FRIDAY 25.

I did not do much before
noon Bess & one went out
to the Indian school to the
Anniverary exercises

Sun shining with flying clouds
moderately warm

SATURDAY 26.

I worked in the shoe shop before
noon on repairing. I did not do
much after noon.

cloudy & showery most all day

FEBRUARY, SUNDAY 27.

1881.

Chas. Staid at home before noon
Misses children here for dinner
Eggs went over to Mrs. Hudsons
after noon Isaac & me went out
for a walk stopped at the Indian
School to see a sick boy
cloudy cool & windy.

MONDAY 28.

I did not do much before noon
went out to the Indian
School to work after noon,
the sick Indian boy had
1000 5- Spasms.

cloudy & cool.

MARCH,

TUESDAY 1.

Worked in the shoe shop
before noon on a pair of boots
for O. Hughes, we all fire sets
go out to Mrs. Winters, Parley
Hines come after me to play
for a dance at Champtions

Sun shining all day & cool.

MARCH, WEDNESDAY 2.

1881.

Worked in the shoe shop
before noon on repairing.
Went out to the Indian
School to work after noon
Bess, Isaac & me went
out to Mrs. Winters in evening
Clear & warm all day.

THURSDAY 3.

Worked in the shoe shop
before noon mostly repairing
went out to Indian school after
noon, Isaac went home.
Frank watching took music
lesson in the evening.
Clear & tolerably warm.

FRIDAY 4.

Worked in the shoe shop
before noon on A. Hughes
boots, went out to the Indian
School to work after noon Bess &
me started down to Walages and
& came back, Bess fell down and
hurt her shoulder,
hazy clouds all day rain in evening

MARCH, SATURDAY 5. 1881.

I did not do any thing but brush
went over to the college to see Gypfen
Mammouth bone & Dr Bowby
examined Bess's shoulder.

Mr Green came up & bought
a piece of bonison. On B. killed a bird
cloudy & showery

SUNDAY 6.

Bess & me staid at home before
noon, went out for a walk
after noon. I stoped at Wallaces
while Men came home

cloudy most all day some rain

MONDAY 7.

Worked in the shoe shop some before noon
went out to Indian school to work
after noon Mother & Mrs Greene up
before noon, took dinner with us. as
went home after noon & Bess went
with them

Frank watching took music
cloudy not very cool. lesson

MARCH, TUESDAY 8. 1881.

Worked in the shoe shop before
noon on S. Hughes boots.
went out to Indian school to work
after noon, Edward Richards went
home six new Indians came to this school

Joosons at sick with bad cold
cloudy cool & showery.

WEDNESDAY 9.

Worked in the shoe shop before
noon on S. Hughes boots finishing them
went out to the Indian school to
work after noon, commenced to
bottom a pair of boots for myself
in the evening.

sun shining before noon cloudy & showery
of evening

THURSDAY 10.

Worked in the shoe shop before
noon on a pair of boots for myself
went out to the Indian school after
noon to work, Bess & baby still gone
out to mother's. I got a letter from
Robert and one from J. S. Kenrick
Frank watching took a music lesson
cloudy & cool sun shining part of
the day

MARCH,

FRIDAY 11.

1881.

I worked in the shoe shop before noon on my own boots, finished them went out to the Indian School to work after noon & went from there out to Mother's apartment
 Mrs. Still out, at Mother's
 Cloudy & Showery

SATURDAY 12.

I went from Mother's over to Old Jacob Hooper's before noon to see young Jake to see if we did suit him. Mrs. came to see me for mother after noon.
 Cloudy cool & Showery.

SUNDAY 13.

I staid out - at Mother's all day. Milida Puddin' came down to Mother's on a visit
 Irving Dooley was there to visit - Mrs. G.

Cloudy & cool.

MARCH,

MONDAY 14.

1881.

I came back home before noon Mrs. G. came with me I went out to the Indian School to work after noon, went over to play some music with Charles Porter.
 Sunny part of day & cool.

TUESDAY 15.

I worked before noon in the shoe shop on a pair of boots for Mrs. Wilcox, went out to the Indian school after noon went down to play some with the well. Went in the evening sun shining part of day & cool.

WEDNESDAY 16.

I worked in the shoe shop before noon on repairing went out to the Indian school after noon to work.

Frank catching book music lesson
 Cloudy & cool

Forest Grove

MARCH, THURSDAY 17, 1881.

Bess came home from Mother's before noon.
I worked in the shoe shop before noon on a
pair of boots for Wiley on Hurllys place,
Went out to the Indian school to work
after noon; went over to Cong. church in the
evening to practice music for good temple.
Entertainment tomorrow night at Hall;
Sun shining part of day & cool

FRIDAY 18.

I worked in shoe shop before noon on
a pair of new boots; went out to Indian
school to work after noon; played the
violin for an entertainment at the
Hall given by Hillabors good temple.
cloudy most of the day Showery
in the evening

SATURDAY 19.

I worked all day in the shoe
shop on a pair of new boots,
gave Frank watching a
Hillson on violin.
Sun shining most all day

MARCH, SUNDAY 20, 1881.

Bess & me staid at home before
noon. Mr. & Mrs. Hudson and
Bess and me all went out to
Mr. Bailys on the Pastor.
place had a nice visit
Clear & warm all day.

MONDAY 21.

I worked in the shoe shop before
noon on a pair of new boots finished
them, went out to the Indian
school to work after noon,
clear and warm.

TUESDAY 22.

I worked in the shoe shop before noon
on repairing; went out to Indian
school to work after noon,
clear and warm.

MARCH, WEDNESDAY 23. 1881.

Worked in the Shoe Shop
before noon, on repairing,
went out to the Indian
School to work after noon.
Bess and me went down to the
Winter to go evening Party
Rather cloudy & warm,

THURSDAY 24.

I did not do much of any thing
before noon, but sent mother
to Portland for a bill of leather
went out to the Indian
School to work after noon,
Bess sold some of her plants
cloudy & showery

FRIDAY 25.

I did not do much before
noon, I went out to the
Indian School to work after
noon

cloudy & rainy

MARCH, SATURDAY 26. 1881.

I did not do much but
take care of the baby. Bess
was sewing on her new
dress,

cloudy & raining all day

SUNDAY 27.

Bess and me staid at
home all day. Wallace
was up and took dinner
with us.

I wrote a letter to Robert
cloudy & showery.

MONDAY 28.

I helped Bess wash before noon
our bill of leather come
I went out to Indian School after
noon to work,

Sun shining most of the day

MARCH, TUESDAY 29. 1881.

I worked in the shoe shop before noon on a pair of shoes for Julia Huff. Went out to the Indian school to work after noon clear & warm.

WEDNESDAY 30.

I worked in shoe shop before noon went out to Indian school to work after noon. Bess finished her new dress. A case of diphtheria came to S. L. Smith's his half brother from Illinois clear and warm & windy

THURSDAY 31.

I worked in shop before noon took Bess & Charley out to mother's after noon away from the diphtheria. I came back home in evening and practiced music with Leevie Winters

Hazy clouds warm & windy

APRIL, 1st FRIDAY 1. 1881.

I worked in the shoe shop all day on new work. I sold my new D. Howe machine to Mr. Leavagley for \$1.00 dollars
Rather cloudy and warm

SATURDAY 2.

I worked in the shoe shop before noon on a pair of new boots. I went out to Mother's after noon with Bess & and Willie Knighton sent money to Robert & half for \$1.50 Bess & Charley still out to Mary clear & warm

SUNDAY 3.

My brother Willie Knighton & me went out hunting before noon I killed a drummer & a Hoopoe. Uncle Major and Aunt John went over to Mother's. Will Knighton & me rode back to the grove with Uncle Marvel & Aunt Mary clear & warm most all day cloudy in the evening

APRIL, MONDAY 4. 1881.

Worked in the shoe shop awhile before noon finished. Louisa Hand those I went hunting after noon killed two hoppers & a pair of drum
Bess and Charley still out at mother's
Clear & warm

TUESDAY 5.

I staid around the shop before noon sent by Louisa Hand to the Post land for a living skin I went out hunting after noon killed a drummer & three squirrels
Bess & Charley still at mother's rather cloudy & windy & cool.

WEDNESDAY 6.

Wrote a few lines to Bess in the morning. I worked in the shoe shop part of the day on repairing.

Rising clouds & windy

APRIL, THURSDAY 7. 1881.

I went out to the Indian school before noon to work did not do much after noon Bess & Charley still out at mother's
Rising clouds windy & cool

FRIDAY 8.

Spent out a small washing in the morn. Went out to the Indian school to work before noon. did not do much after noon. sold a horse sewing machine to Jimmy.
Bess & Charley still out at mother's
Rising clouds & rather cool

SATURDAY 9.

I went out to the Indian school to work before noon worked in the shoe shop awhile after noon.

Bess & Charley still out at mother's cloudy & raining all day

Forest Green

APRIL, SUNDAY 10. 1881.

I hired a buggy at the livery stable & Andrew Bess hitched his horse to it & drove me & me drove out to Mother's before noon & back after noon. Bess & baby still out at mother's

cloudy and showery

MONDAY 11.

I worked in the shoe shop before noon on a pair of girls shoes. Went out to the Indian School to work after noon

Flying clouds. Sun shining & warm

TUESDAY 12.

I worked in the shoe shop awhile in the morning, went out to the Indian school at 1/2 past ten to meet Co. Craft & Wilkinson on his return home from Washington. Went out to the Indian School to work after noon. Bess still out at mother's

cloudy & cool after noons

APRIL, WEDNESDAY 13. 1881.

I did not do much before noon had the sick headache. I went out to the Indian School to work after noon

Bess & Charley still out at mother's

cloudy & cool

THURSDAY 14.

I worked in the shoe shop before noon on new work. Went out to the Indian School to work after noon

cloudy & cool

FRIDAY 15.

I worked in the shoe shop before noon on a pair of girls shoes finished them. I went out to the Indian School to work after noon

cloudy & raining most of day.

APRIL, SATURDAY 16. 1881.

I went out to the Indian school before noon to take account of some work in shoe shop; Bess came home before noon. Mr. & Maggie & Mary, and with Bess; a match game of base ball between gambille & Wright to have flying clouds & showery.

SUNDAY 17.

Bess & me staid at home before noon we went out walking after noon.

Cloudy and cool.

MONDAY 18.

I helped Bess get ready to wash went out to Indian school to work before noon. (Robert got home from Coffax) I worked in the shoe shop after noon.

Cloudy & rather cool

APRIL, TUESDAY 19. 1881.

Robert went over to mother's with Wil Knighting I went to work out at the Indian school before noon. I worked in the shoe shop with Scalper after noon.

Cloudy & Showery

WEDNESDAY 20.

Worked awhile in the shop in the morning went out to the Indian school to work after ~~noon~~ before noon. I helped Bess clean house after noon.

Cloudy & raining most all day

THURSDAY 21.

Worked in the shoe shop awhile in the morning went out to the Indian school to work before noon. Worked in the shoe shop after noon on a pair of shoes for Mr. Ireland.

Cloudy & Showery

Forest & home

APRIL, FRIDAY 22. 1881.

Worked in the shoe shop awhile in the morning, went out to the Indian school to work before noon. I worked in the shoe shop after on a pair of women's shoes.

cloudy & showery

SATURDAY 23.

I worked in shoe shop awhile in the morning finished the dentist's wife's shoes & sent them off to A. Lamy; went out to Indian school to work before noon, worked in the shoe shop after noon on repairing. Cloud most of day & showery.

SUNDAY 24.

I went to Lough before noon Uncle Thom & Nell stopped here on their way over to mother's. Wm. & I spent over to Uncle's with the plan to flow for Uncle Thom; Bess & me went out walking after noon, cloudy & cool all day.

APRIL, MONDAY 25. 1881.

I worked in the shoe shop before noon fitting a pair of boots for Mr. Lech. Went out to the Indian school to work after noon. Ten new Indians came from Mackay; Anniversary entertainment cloudy and showery.

TUESDAY 26.

I did not do much before noon, had bad cold and headache. Went out to Indian school to work after noon. Had a chill in the evening.

cloudy and raining

WEDNESDAY 27.

I did not do much before noon only carry some water for Bess to wash; I went out to the Indian school to work after noon, went with Bess out to college ground to see a game of base ball in evening. Flying clouds sun shining & cool.

APRIL, THURSDAY 28. 1881.

Worked in the shoe shop
before noon on a pair of new boots
went out to the Indian school
to work after noon.

rather cloudy sun shining most of day

FRIDAY 29.

Worked in the shoe shop
before noon on a pair of new
boots, finished them & went out
to the Indian school to work
after noon; worked in the shop
a while in the evening
Sun shining & flying clouds

SATURDAY 30.

went out to the Indian school awhile
in the morning to take some of their
measures for shoes; Will & Homer
came over with team, Bess & me went
over to Uncle Thom's with them & staid
all night. (I) went home from
Uncle's, he had been helping Uncle Pitt
in his crop.

clear and windy

MAY, SUNDAY 1. 1881.

Bess and me staid at Uncle
Thom's till after noon. Will brought
us back to the Grove after noon.

clear and windy

MONDAY 2.

went out to the Indian school
to work before noon. worked
in the shoe shop after noon
in repairing

hazy clouds windy & warm.

TUESDAY 3.

I sent some money to Mark Sheldon
wrote a letter to him in the morning
went out to Indian school to
work before noon; worked in
shoe shop some after noon

cloudy & cool

MAY,

WEDNESDAY 4.

1881.

Went out to the Indian School to work before noon, worked in the shoe shop after noon on repairing.

cloudy & raining all day

THURSDAY 5.

Went out to the Indian School to work before noon, worked in the shoe shop after noon on repairing.

cloudy & showery

FRIDAY 6.

Went out to the Indian School to work before noon, worked in the shoe shop after noon on repairing. Treated my Wilson sewing machine to Mrs. Redman.

cloudy & cool

MAY,

SATURDAY 7.

1881.

Went out to the Indian School to work before noon, worked in the shoe shop after noon.

Brass Band picnic upon Ladies Hill, hi hi
Bess's Birthday
cloudy & cool all day

SUNDAY 8.

Bess & my Maids at home before noon, Leah & Fines came up to tell me about some music. Bess & I went down to Mr. Wagner's after noon. Jenny & Kelly came home with us in the evening. Clear most all day windy after noon.

MONDAY 9.

I helped Bess wash before noon. I went out to the Indian School to work after noon. I got a letter from Lewis Winkler.

cloudy & windy most all day

MAY, TUESDAY 10. 1881.

I done some repairing before noon went out to the Indian School to work after noon Bess fixing to go home on a visit to Linn County.

cloudy & cool

WEDNESDAY 11.

I worked in the shop some before noon & aspers went with J. B. Boos out to Caspers after the some spuds. I went out to the Indian School to work after noon only one apprentice in the shop flying clouds & windy

THURSDAY 12.

I washed some for Bess fore noon, Bess fixing to go home on a visit to Linn County. I went out to the Indian School to work after noon,

cloudy & threatening rain,

MAY, FRIDAY 13. 1881.

I done some work in shoe shop before noon Bess fixing to go home on a visit to Linn County. I went out to the Indian School to work after noon.

rather cloudy

SATURDAY 14.

Bess started up to Linn Co. on a visit on the ten o'clock train our baby got a very bad cold. I went out to do there on a visit after noon rode part of the way on Wils. Benfield's pony part of the in Shipley's hack flying clouds & rather warm

SUNDAY 15.

Mother went up to Uncle Marvle with Jimmy & Maggie. Robert & Mary & I went up to the Mill School house to singing school we had a game of Ball ball with the boys

flying clouds & sun shining & warm

MAY, MONDAY 16. 1881.

I came back from Mothers in the morning to the grove. I went out to the Indian School to work before noon & worked at painting on their house.

Clear most all day & warm.

TUESDAY 17.

I went out to the Indian school to work before noon. I worked at painting. I got a letter from Bess stating that our baby was very fat but pale in Limb & weak.

WEDNESDAY 18.

I went out to the Indian school to work before noon. I worked at painting on the school house. I got a letter from Bess telling me that our baby was some better.

Clear & warm all day.

MAY, THURSDAY 19. 1881.

I went out to the Indian school to work before noon, worked on the yard. I got another card from Bess telling me that our babe was not quite so well get my check from government office to my the work at the Indian school. Clear & warm & windy.

FRIDAY 20.

I went out to the Indian school to work before noon. I worked at painting on the school house. I helped Mr. Bore. Set up a Sulky hay rake.

Clear & warm.

SATURDAY 21.

I worked for Mr. Boardman about half past nine. Setting up a mowel and hogwester went out to Indian school to work before noon, worked for my Dolly, after noon setting up a Buckeye Hogwester.

Clear & warm.

MAY,

SUNDAY 22.

1881.

I went to Church at 11 o'clock
met Ben. Henry that used
to live at Copvalla had quite
a talk with him went to take
a walk with Ben Henry after
noon. I went to Church in the evening
Clear & warm.

MONDAY 23.

I worked for Mr. Boss
before noon setting up a
harvester, went out to the
Indian school to work after
noon. I worked at painting
Clear & warm.

TUESDAY 24.

I got a letter from Bess she is better
I finished up setting up
the harvester for Mr. Boss
in the morning, went down
to practice. Some music
with Carl & John.
Went out to Indian school
to work after noon.
hazy clouds afternoon & warm

MAY,

WEDNESDAY 25.

1881.

Weather came up last night & staid
all night she went home this morning.
I did not do much before noon. I went
out to the Indian school to work after
noon, went down to practice music with
Nightingale. got a letter for my Bess,
cloudy & showery all day

THURSDAY 26.

I worked in the shoe shop be-
fore noon on repairing. I went out
to the Indian school to work after
noon. had a game of croquet with Mr.
Kudson in the evening.
cloudy most all day a little showery

FRIDAY 27.

I worked in the shoe shop before
noon on repairing, went out to the Indian
school to work after noon, Peter, Kalamma
fell from the staging hurt himself pretty
bad; Mrs. G. came up after me with back
went home with him in the evening.
cloudy & cool all day

MAY, SATURDAY 28. 1881.

I done my washing out at Mother's before noon. Robert & me went up above Jewick's Mill to look for some board timber for Mother. after noon we staid all night at painter Jones barn
cloudy & showery all day

SUNDAY 29.

Robert and me looked all around on the foot hills and in the canyon for some cedar up on Jewick's creek; to make some boards for Mother. we got back to Mother's at noon. I came back to Grove after noon cloudy & showery in morning, warm after noon

MONDAY 30.

I went out to the Indian School before noon to work. I done some repairing in the shoe shop after ^{noon} I played the fiddle for a concert at the hall in the evening Frank Clark's Troop.
cloudy & showery after noon

Charles Grove

MAY, TUESDAY 31. 1881.

I went out to the Indian school ~~work~~ before noon. I got a letter from Bell, I paid the violin for a concert at the hall in the evening. George Dohy & Albert Wilson staid all night with me.
clear cloudy & rather warm

JUNE, WEDNESDAY 1.

I took Cooley's boys Albert Wilson & May Brackett out to the Indian school to have a look around, we came back & went over to the church Robert was here we all went over to the church to commencement exercises I paid for advance at hall at night; clear & warm

THURSDAY 2.

I went out to the Indian school but did not work my ^{self} there exercises at the school Jimmy paid ^{me} twenty dollars on Sewing machine. I sent the \$20.00 to Bell. upon home co. did not do much of any thing after noon
clear & warm

JUNE,

FRIDAY 3.

1881.

I went out to the Indian school to work before noon. I went over to see Mrs. Winter about selling her a sewing machine.

cloudy & warm

SATURDAY 4.

I worked in the shoe shop in the morning, went out to the Indian school to work before noon. I worked in the shoe shop after noon on a pair of new boots, went down to the mill all night with Matt. cloudy & warm.

SUNDAY 5.

Matt & me went to Stearns & got our breakfast, we got a couple of horses from the stable & went out to mother's place to see at Purdie's mill went to Fernside. I went up to Miller's Lighthouse to singing & base ball club.

cloudy & showery

JUNE,

MONDAY 6.

1881.

I worked in the shoe shop before noon on a pair of boots for Dr. Greenland. I went out to the Indian school to work after noon.

cloudy & cool

TUESDAY 7.

I worked in the shoe shop before noon on a pair of boots for Dr. Greenland. Went out to the Indian school to work after noon. I got a letter from Bass.

cloudy & cool

WEDNESDAY 8.

I worked in the shoe shop before noon on a pair of boots for Dr. Greenland, finished them. I went out to the Indian school after noon. Artist from Portland to take picture of the Indians & Indian school.

cloudy & cool.

JUNE, THURSDAY 9. 1881.

I did not do much before noon; got a card from Bess; went out to the Indian School after noon did not work any out there; I joined the A. O. of W. K. in the evening.

cloudy & cool

FRIDAY 10.

I went out to the Indian School before noon and had my picture taken in front of the Shop with my shoe maker boys.

I did not do much after noon I went to see Jim, Spangston in the evening, cloudy cool & showery.

SATURDAY 11.

I did not do much all day Bess and Charley came home from Linn County, Charley not very well had the rash.

cloudy cool & showery.

JUNE, SUNDAY 12. 1881.

Bess & one Strid at home all day out. babe not very well Charley came up & took dinner with us

cloudy cool & showery.

MONDAY 13.

I went out to the Indian school to work before noon did not work any on acct of artist taking picture, got a letter from Anna Davis inviting us up there to a dance

cloudy & cool.

TUESDAY 14.

I went out to the Indian school to work before noon; did not do much after noon

cloudy & cool

JUNE, WEDNESDAY 15. 1881.

I went out to the Indian school to work before noon, commenced on some new work in the shoe shop; wrote a letter to mother and one to Maggie.

cloudy & cool

THURSDAY 16.

Jimmy & Maggie came up in the morning and then I had to go. Started up to Albert Davises in Marion Co. we got as far as back coppers in Yamhill Co. & stayed all night.

cloudy and cool

FRIDAY 17.

Jimmy & Maggie & Jess & me left Old lady Coopers in the morning and went up to Albert Davises; had a dance in his new barn at night away up time

cloudy & cool all day & night

JUNE, SATURDAY 18. 1881.

Jimmy & Maggie & Frank Shrum & his wife & Jess & me went up to Jim Davises old place to get some cherries before noon. we all went over to Frank's after noon.

clear & warm most all day

SUNDAY 19.

Jimmy & Maggie & Jess & me left Albert Davises at half past 8 in the morning and came down to the grove at 8 in the evening

cloudy all day raining till about two o'clock.

MONDAY 20.

I went out to the Indian school to work, I worked two hours & a half in the forenoon and two & a half after fore lost time last week

cloudy & cool & showery

JUNE,

TUESDAY 21.

1881.

I went out to the Indian School to work before noon, 2 1/2 hours & after noon 2 1/2 hours of lost time. Mother & Robert & Will, came up before noon and went back after noon to look Bess & baby
cloudy & rather warm

WEDNESDAY 22.

I went out to the Indian school to work before noon, worked 2 1/2 hours before noon & 2 1/2 hours after noon for lost time. I wrote a card to mother for Robert to come up & work trade for some flying clouds & warm

THURSDAY 23.

I worked on the road before noon over road the creek on the long bridge towards Dilley I went out to the Indian school to work after noon.
cloudy & warm

JUNE,

FRIDAY 24.

1881.

I worked on the road before noon, went out to the Indian school to work after noon; Lewis Pintera came down from east of the mountains & came up to see me in evening
fog a sunset in the evening
cloudy & warm,

SATURDAY 25.

I worked on the road all day over the creek. Bess came home from Motters before noon the Indians had a picnic down by the creek
cloudy & rather warm showery after noon

SUNDAY 26.

Bess & me staid at home all day wallace came up & took dinner with us. Robert came up with the team and brought Wall children home they went home with him yesterday when he brought Bess & Charley home
cloudy & cool

JUNE,

MONDAY 27.

1881.

I went out to the Indian School to work before noon, I worked in the shoe shop after noon on a pair of new boots for Van Meter & Leases brother in law rather cloudy & warm our babe not very well

TUESDAY 28.

worked in the shoe shop awhile in the morning; went out to the Indian School to work before noon, worked in the shoe shop after noon

our babe not very well
clear fore noon cloudy after noon

WEDNESDAY 29.

I worked in the shoe shop awhile in the morning; went out to the Indian School to work before noon, did not do much after noon on acct of not having holes for our boots, meeting of G. O. & D. in the evening

cloudy & rather warm with small shower

JUNE,

THURSDAY 30.

1881.

worked in the shoe shop awhile in the morning; went out to the Indian School to work before noon worked in the shoe shop after on a pair new boots

clear & warm,

JULY,

FRIDAY 1.

worked in the shoe shop awhile in the morning; went out to the Indian School to work before noon I worked for H. K. Langley on a pair of sewed shoes after noon,

cloudy & warm.

SATURDAY 2.

worked for Langley awhile in the morning in his shoe shop; went out to the Indian School to work before noon; worked for Langley awhile after noon.

Bess & the babe not very well

cloudy & warm,

JULY,

SUNDAY 3.

1881.

Bess & me staid at home all day. Bess looked some for the Picnic tomorrow. I went in the evening to see the Butcher, about getting some beef for tomorrow.

Cloudy & warm

MONDAY 4.

I got up at 1/2 after 2 went to see the butcher about getting some meat. I got a rig from the Livery Stable and Bess & I went up to the Killeide Picnic. Ben Cornelius & Jack Powell had a shooting scrape in Fortland. Jess was not well at all. Clear & warm all day.

TUESDAY 5.

I did not do much before noon only water on Bess. I went out to the Indian School, to work after noon. Bess had a sinking spell after noon. Ben Cornelius & died for his wounds received from Jack Powell, yesterday. Rather cloudy & warm.

JULY,

WEDNESDAY 6.

1881.

I saw a car of to mother in the morning & she came up about 11 o'clock after noon. I did not go out of Indian School on account of Bess being so sick. Ben Cornelius buried at Boston Grove.

Cloudy & warm sprinkling rain

THURSDAY 7.

I staid at home before noon & went on Bess. Mother staid all day. I went out to the Indian School to work after noon. Bess is not any better. William & I came up in the evening to see how Bess was & got back again. Cloudy & sprinkling rain.

FRIDAY 8.

I staid at home all day & water on Bess. Mother went home before noon. Chabely staid with us all day. Bess a little better in the morning not quite so well at night. Mrs. Hudson staid all night with us & took care of the babe. Cloudy & warm sprinkling rain.

JULY, SATURDAY 9. 1881.

I staid at home all day to wate on Bess while she has the bilious fever, I wrote a card to mother; her & Maggie & Charriey Pierce. and Robert came up after noon. Ma, & Robt. & Maggie went home; Charriey staid with me. Bess not much better; cloudy & warm.

SUNDAY 10.

Bess still bedfast with bilious fever. Thom & aunt Nancy came over. Mary S. came up to see how Bess was.

Clear & warm.

MONDAY 11.

Bess not any better. I went out to the Indian school to work before noon. Staid at home after noon to wate on Bess. Harper went up to Yankhill.

Cloudy & warm.

JULY, TUESDAY 12. 1881.

Bess not any better. I went out to the Indian school to work before noon. 4 more Indians came to the school from Warm Springs; Mother & Maggie came up to see Bess. I staid at home after noon to wate on Bess. Cloudy & showery & warm.

WEDNESDAY 13.

Bess some better the baby sick with high fever. I went out to the Indian school to work before noon. made out my quarterly report for the Indian department.

Cloudy & warm.

THURSDAY 14.

Bess about the same; the baby not quite so well has a high fever all day. I staid at home all day to wate on Bess & the baby. Charriey Pierce still stopping with us. Clear & very warm.

JULY, FRIDAY 15. 1861.

Bess not quite so well, the babe about the same. I went out to the Indian School to work before noon. Staid at home after noon and wated on Bess and the baby. ^{Went to, came} clear & warm. ^{up in evening} ^{to see how be}

SATURDAY 16.

Bess a little better, the baby very cross. I went out to the Indian School to work before noon. Staid at home after noon wated on Bess & baby. clear & warm.

SUNDAY 17.

Bess a little on the improve the babe a little better. I staid at home all day. Scarrigan, Pierce went home on a visit. she came back in the evening. Dr. Bowlby went out to see Jimmy he is sick with fever. clear & warm

JULY, MONDAY 18. 1861.

Bess on the improve slowly the babe not quite so well. I took care of the babe before noon. I went out to the Indian School to work after noon. clear & warm

TUESDAY 19.

I staid at home before noon to wate on Bess & the babe Bess improving slowly, the babe very cross. I received check from Indian School. I went out to the Indian School to work after noon. clear & warm

WEDNESDAY 20.

Bess able to be account, the baby some better. I went out to the Indian School to work before noon to make up lost time. I went out after noon to work at Indian school. Pierce & me received 2 loads of wood from Cain's weather; we put some back under a root od house. clear & warm.

JULY,

THURSDAY 21.

1881.

Harper & me piled up wood awhile
in the evening I went out to the
Indian School to work before noon,
went out to the Indian school
to work after noon. Bess on the
improvement ^{Wm} & gave up to all hand
Bess was clear & warm.

FRIDAY 22.

Bess able to be around again
I did not do much before noon
I went out to the Indian school
to work after noon.

clear & warm

SATURDAY 23.

Bess & me moved from Harper
house to Mrs. Berlingamee
got Henry Hamilton to move
us. I got a buggy and Bess &
me went out to Mother's,
Clarrisy Pierce still stopping
with us
clear & warm

JULY,

SUNDAY 24.

1881.

out at (not here) Bob got up early
& finished raking hay, Robert &
Wm & me went up about Quicks
mill to hunt black berries didn't get
many. Bess staid at mother's. Robert
helped me bring my bow up to Groove in
the evening clear & warm

MONDAY 25.

Worked out all in the morning
helping fix up things about the house
went out to the Indian school to
work before noon, went to Indian
school after noon to make up lost
time.

Some flying clouds & warm

TUESDAY 26.

went out to the Indian school
to work before noon. Bess & Mary
staid at work fixing up the house
I helped Mr. Bob Starth's
buckeye. Help binder after
noon down at John Williams
by the daughter house
rather cloudy & warm

JULY,

WEDNESDAY 27.

1881.

I went out to the Indian school to work before noon, I took up $1\frac{3}{4}$ cords of wood after noon that I should be cutting hauld. for me. Went to G. O. W. W. Lodge in the evening.
cloudy & showery all day

THURSDAY 28.

I went out to the Indian school to work before noon, I worked with Mr. Boozel harvester down by Justice's Mill. Boys got the end of his thumb taken off with the binder.
cloudy & showery

FRIDAY 29.

I went out to the Indian school to work before noon, I run Mr. Boozel self binder after noon by Justice's Mill. Mother of Robert & Mary, came and took out half home with them.
cloudy & showery

JULY,

SATURDAY 30.

1881.

I went out to the Indian school to work before noon, I run all over town after noon. Capt. Wilkinson told me that there would be a vacation at the Indian school in August. Larry went home, cloudy & rainy

SUNDAY 31.

I noped around home all day, had a touch of shills and fever went down to see Dr. Bowlby to get some medicine

cloudy & showery & cool

AUGUST,

MONDAY 1.

I run Mr. Boozel harvester all day cutting for John Williams, cut some down by the Miller place by Justice's Mill. Cut a little patch for David Smith & cut some down by the slaughter house. I am still feeling mopey. rather cloudy & warm

AUGUST, TUESDAY 2. 1881.

I laid around home all day feeling very much like having chills & fever. went & got some more medicine from the Doctor.

Cloudy & warm.

WEDNESDAY 3.

I am feeling some better I went out to Walker's place to help Mr. Bode start the Bindy before noon; Mother came up to see us; I went down to the Depot to see the Gekeys twin binders at work; hazy cloudy & warm.

THURSDAY 4.

I am feeling some better I went down town two or three times made some stops at the kitchen door, Bess went out calling after noon.

Clear & warm.

AUGUST, FRIDAY 5. 1881.

I did not do much all day except some chores around the house.

Clear & warm.

SATURDAY 6.

I worked in the shoe shop most all day down at Langley's on a pair of shoes for Bess.

Clear & warm.

SUNDAY 7.

Bess & me got the old Lady Harrison's horse and buggy and went up to Uncle Woodruff on a visit. we had a splendid time.

rather cloudy & warm

AUGUST,

MONDAY 8.

1881.

I helped Bess wash before
noon we put out a big wash
I worked in Langley's shoe
shop after noon, on Bess's
shoes.

cloudy & warm,

TUESDAY 9.

I worked down in Langley's
shoe shop all day on a pair
of shoes, for Bess.

Bess ironed before noon
she went out calling after
noon

cloudy & showery

WEDNESDAY 10.

I worked in Langley's
shoe shop part of the
day on Bess's shoes
I finished them after
noon, Bess ironed before
noon

cloudy & warm,

AUGUST,

THURSDAY 11.

1881.

I took Mrs. Pieter's measure
for a pair of slippers & Mrs.
Chow's measure for a pair of shoes
I cut them out & worked at
fitting them at Langley's shop

clear & warm

FRIDAY 12.

I worked in H. A. Langley's
shoe shop most all day, Langley
went to Portland after some stock
Bess went out to Mother's in
Mrs. Harrison's Buggy, Mrs.
Harrison's granddaughter went
with Bess. Heavy clouds & warm

SATURDAY 13.

I did not do much all day only do
some shoes, Bess & I went
over to the old lady Winters
in the evening on a visit.

cloudy & showery

AUGUST, SUNDAY 14. 1881.

Bess & me fixing to go up to
Linn County on a visit.

Cloudy & cool.

MONDAY 15.

Bess & Charley & me left
home about 9 o'clock &
started for Linn Co. on
a visit, on the west side R.R.
we got to Corvallis. Besses
father & mother met us with
hack, cloudy & showery.

TUESDAY 16.

Bess & her mother went
to Anglet before noon, we all
went over to Dan. Houches
after noon Dan, fixing to
resh & employed me to help
him. Uncle & me went down in
the field where they were setting
the Machine clear & warm.

AUGUST, WEDNESDAY 17. 1881.

I drove header wagon for Dan
Houches all day hauling sheaf
grain out of the field to the
machine. I went home with
Uncle Loville at night.

Clear & warm.

THURSDAY 18.

I drove header wagon for
Dan Houches all day hauling
sheaf grain from the field
to the thrasher got through
at 10 o'clock in the evening
Dan & Comy & me went
home. Clear & warm.

FRIDAY 19.

Dan. Houches Machine moved
from his place in the morning
over to Uncle Loville's. I ~~then~~
the measured at the machine
I was drive my team.

Clear & warm

AUGUST, SATURDAY 20. 1881.

I drove the grain wagon before noon, we got through threshing at Lunel at noon. I helped Lunel and Cal. haul in the threshed oats, after noon, Isaac went over to Honles.

Clear before noon cloudy after noon

SUNDAY 21.

Bess & me staid at Lunel till after noon, we got in the header wagon and went over to Cas. Settle after noon; the threshing crowd all went over to back in the evening, flying clouds & warm

MONDAY 22.

I drove the grain wagon all day at Setts; Bess helped Alice get breakfast & dinner Bess went back to her hair after noon

flying clouds & warm

AUGUST, TUESDAY 23. 1881.

I drove the grain wagon at Cas. Setts till about ten o'clock we got done, & moved over to Old Man Fagans.

I drove grain wagon at Fagans, after noon flying clouds & warm

WEDNESDAY 24.

We got through threshing sheaf grain at Fagans about noon I drove header wagon for Dan Hough after noon on Fagans place

Clear & warm

THURSDAY 25.

I drove header wagon for Dan Hough on Fagans place we got through at Fagans about middle after noon & went over to Salmans Wrights. I quit in the evening Dan Hough paid me I went & got Bess & Alice at Mrs. Deacons, flying clouds & warm

AUGUST, FRIDAY 26. 1881.

I staid at Uncle Lovells till noon. I went down to Uncle Perry's after noon & then down to old man Fragans he paid me for work in harvest. I went back to Lynell Lovells.
cloudy & warm

SATURDAY 27.

I staid at Uncle Lovells most all day; it rained so that the men folks all came home. Oal & me went down to Uncle Perry's in the evening a while and then went back home; cloudy & showery

SUNDAY 28.

Bess & me staid at her Pa's till about noon. Oal took Dan Housh's hack & took us over to Cornwallis, then went with us as far as Blevens. Bess & me staid at Vincenta Hotel; Oal went back home; cloudy & showery

AUGUST, MONDAY 29. 1881.

Bess & me left Vincenta Hotel in the morning. got on the train & come home to Forest Grove got home about 3 o'clock. heard of Millard's death.
flying clouds & warm

TUESDAY 30.

I drawed water ~~water~~ for Bess to wash. I went to see Alvin Brown about renting a piece of ground for a stable & went to see John Williams about doing some hauling for me; flying clouds & warm

WEDNESDAY 31.

I run the self binder for Mr. Boos cutting for Park Buford down across the creek; I did not make much headway, the binder all out of whack.
flying clouds & showery

I run the binder for gnd
Boos cutting for Palfu Bu-
ford. I had better luck than
yesterday. got through
cutting for Buford about three
oclock & brought the harvester
up town: flying clouds & warm

FRIDAY 2.

I went out to the Indian school
before noon. ^{could not} do any
thing. came back home. & went
out after noon as air worked
at painting clothing & papering

Clear & warm,

SATURDAY 3.

I went out to the Indian
school to work before noon
I worked down in Langley's
shoe shop after noon, made
pair of slippers for Mrs.
Pierce. Bess we went out to hunt
Clear & warm,
some apple.

Bess & me staid at home
before noon. we went ^{at the boat} but for
a walk after noon we went
out toward Jim Papes. Stay
ughter house. Jim & Al, they
wer was butchering a beef
Clear & warm. Alie & Winter
staid all night

MONDAY 5.

I worked down in Langley's
shoe shop before noon on Mrs.
Pierces slippers. I went out to
the Indian school after noon to
work. I received the news that my
wages were raised to 40 dollars
Clear & warm.

TUESDAY 6.

I went down to Langley's shoe and
finished Mrs Pierces slippers.
I went out to the Indian school
at 9 o'clock and quit at 3,
Bess worked
Clear & warm,

SEPTEMBER, WEDNESDAY 7.

1881.

I went to the Indian school to work. I worked from 9 till 12 & from 1 till 3 ~~Came back home & done some chore~~ took my ax & went up by old man cratchings & cut some poles & cut (warm) to make a shed

THURSDAY 8.

I went to the Indian school to work at 9 o'clock. I took my ax after noon & went up by Old man cratchings & cut some poles to make a shed for my ~~own~~
 Clear & warm,

FRIDAY 9.

I went out to the Indian school to work. I expected to get John Williams to haul some poles for me but he did not do it, promised to do it to morrow,

Clear & warm

SEPTEMBER, SATURDAY 10.

1881.

I got up at 1/2 past 3 went up to John Williams to get some poles hauled but slipped up; worked at Indian school before noon; Brother & Will & a mill wheel came up after, & went back again. Bess & took Mrs Hartington's horse & buggy & went over to Uncle Thom's

SUNDAY 11.

Uncle Thom & the boys off the ship Eddie & me went down to the creek fishing; Bess & me came home about 1 o'clock, brought a pig & 2 chickens & some cabbage & apples & honey. Bess went down to Wallace's in the evening
 Clear & warm,

MONDAY 12.

I got up early & went out to John Williams to get them to haul some poles for me to build a shed; they hauled them at last. I went out to the Indian school to work at 9 & quit at 3. Came home & fixed to put up my shed; Clear & warm

SEPTEMBER, TUESDAY 13. 1881.

I got up & went to work at digging holes to set traps for my shed. I went out to the Indian school to work at 9 & worked till 3 o'clock. Came home & worked some at my shed. Had a meeting of employees at Indian school. A warm

WEDNESDAY 14.

I worked a while in morning at my cow shed. I went out to Indian school to work at 9 & quit at 3. Judge Milton Chap. Varnum & Chap. Ashby & Garrison. Lavin helped me in the eve. Clear & warm.

THURSDAY 15.

I worked at my cow shed a while in morning. Went out to Indian school at 9 & quit at 3 o'clock. Willie Linton & Chas. Varnum helped me in the evening.

Smokey & warm

SEPTEMBER, FRIDAY 16. 1881.

I worked at my cow shed in the morning. Went out to the Indian school to work at 9 & quit at 3 o'clock. Came home & worked at my shed. Messrs Blank & Shovel brought me a load of straw apiece.

Cloudy & warm
SATURDAY 17.

I went out to Indian school to work before noon. Bess & old lady Garrison went out to Uncle Ingrave & got back about 3 o'clock. Bess & I went out to Mother's in the evening & staid all night. Cloudy & showery

SUNDAY 18.

Bess & I staid at Mother's till after noon. I then came home. Jimmy & Maggie came over to Mother's about noon

Cloudy & showery

- SEPTEMBER, MONDAY 19. 1881.

I done up the chore in the morning & went out to the Ind. school, to work at 9 O'clock, & quit at 3. Bess & me filled up some beds with straw in the evening.
cloudy & showery.

TUESDAY 20.

I went up town in the morning got an oil can of Mr. Boos for my sewing machine. Went out to the Indian school to work at 9 & quit at 3 O'clock. I went out to the Indian school in the evening to a meeting of Camploy.
cloudy & cool all day

WEDNESDAY 21.

I went & took Mr. Fife's team & hauled some lumber from S. Smith's in the morning; I went out to the Indian school at 9 & quit at 3 O'clock. I went to Lodge meeting of A. O. U. W. in the evening
foggy before noon clear after noon

SEPTEMBER, THURSDAY 22. 1881.

I carried water in the morning for Bess to wash. Bess put out a big washing. I went out to Indian school to work; I worked some at my cow shed after noon.
clear & warm before noon cloudy after noon

FRIDAY 23.

after doing chore I went out to the Indian school to work at 9 & quit at 3 O'clock. I went to a picnic at the J. T. school in the evening took my violin & played some
cloudy & rainy.

SATURDAY 24.

after doing my chore I went out to the Indian school to work from 9 till 12 O'clock. I went out to college grounds to see a game of base ball
cloudy & showery

SEPTEMBER, SUNDAY 25. 1881.

Bess & me staid at home before noon, we went over to Mr. Liesers after noon over in south part of town had a nice visit

Cloudy & cool.

MONDAY 26.

I went out to Indian school in the morn, went home at 10. O. Bess & me went to the church to a Memorial speaking of President Garfield. Bess went out to Jimmy's after noon on horse back, clear medium warm

TUESDAY 27.

after doing my chores I went out to Indian school to work at 9 went home at noon, Robert had bring me a load of cedar to make boards for my cow shed. Robert went & cut some poles after noon for me I went back to S. S. school & working till 3. Clear most of day & cool. Bess & me brought out visitors.

SEPTEMBER, WEDNESDAY 28. 1881.

I went out to the Indian school to work at 9 & quit at 3 O'clock Robert came up in morning & made boards for me he got through & went home saying he is going to work for John Sarristras tomorrow cloudy & threatening rain & cool.

THURSDAY 29.

I went out to the Indian school to work at 9 & quit at 3 O'clock I went down to Langley's shoe shop in the evening & brought my shoe bench home. flying clouds & cool all day.

FRIDAY 30.

I went out to the Indian school to work at 9 & worked till 3 O'clock Bess & me went out to the school in the evening to get up at Mr. Madams fire better it was out the & saying it & talked some to the Indians cloudy & cool

OCTOBER, SATURDAY 1. 1881.

I went out to the Indian school
to work at 9 & quit at 11. Delilah
came home by aunt Mary was
here & took dinner with us.
Uncle M. also went to the school.
I went out to college ground to see
game of ball. ball cloudy & cool
like I believe got left.

SUNDAY 2.

Bees & me got the old lady Har
rierson's horse and buggy & went on
to Uncle M. & wife. I went on up to
Oven Mt. to see him about
some wood. Uncle & Aunt went over
to Jimmy's, they came home as usual
& I came late home; cloudy & showery

MONDAY 3.

I went out to Indian school
to work at 9 & worked till
3 O'clock. Received my check
from I. T. School work.
Bees got a letter from
Aunt Delilah with news
of Mr. Reel's death.
cloudy & showery,

OCTOBER, TUESDAY 4. 1881.

I went down to Langley's
shoe shop in morn. & had
my tools home. went out to
school to work. I made out
my Quarterly report, went to
Langley's shop in evening got a pair of boots made.
cloudy & showery

WEDNESDAY 5.

I went out to the Indian school
to work at 9 & worked till 3 O'clock.
I wrote a statement of the work done
by the Indian boys in the shoe shop
for Captain Wilkinson's report to A. C. M. D.
flying clouds & sun shining part of day

THURSDAY 6.

I got up at 3 O'clock went to work on a Mr. of
boots for Langley. I took sick headache, went to
work out at Indian school before more did
not work after noon on account of being sick.
One baby was very sick after noon
I went after the doctor & got some
medicine for baby
cloudy & cool some small showers.

OCTOBER, FRIDAY 7. 1881.

after doing chores I went out to J. T. School to work at 9 & worked till 1/2 past 3. went home & worked some on pair of boots for Langly.

flying clouds some sun,

SATURDAY 8.

I went out to Indian school to work at 9 & worked till 12 helped Bess wash after noon worked till 12 O'clock at night on a pair of boots for Langley. Bess wrote a letter to Ma. in morning cloudy & cool threatening rain.

SUNDAY 9.

Bess & me staid at home all day fixing for our 1st wedding anniversary. I went down to Hoppers in the evening got 2 chickens for tomorrow. Wallace came down in the evening.

cloudy & cool.

OCTOBER, MONDAY 10. 1881.

I finished Langly's boots & took them down to him in the morning. went out to J. T. School to work at 9, went home for dinner nobody there but Mrs. J. & Wallace. went back to J. T. School worked till 1/2 past 3, cloudy & drizzling rain.

TUESDAY 11.

after doing chores went out to J. T. school to work at 9 & worked till 1/2 past 3. went home & worked on a pair of boots for myself. got a sack of crop from J. T. Booz in the evening flying clouds & cool, frost

WEDNESDAY 12.

after doing my chores at home I went out to J. T. School to work at 9 & worked until 3 o'clock. I took a pair of boots for myself out to J. T. School to statch on the machine. went home & worked on them some in the evening. clear & cold, flying clouds.

OCTOBER, THURSDAY 13. 1881.

I went out to the Indian school to work at 9 & worked until 3 o'clock, worked on a pair of boots for myself in the ev

Clear & cold frost in morn

FRIDAY 14.

went out to I. T. school to work, sent the shoes from the I. T. school to Mechanics fair also some carpenter work & dress making. Bess & me went out to I. T. school in eve to see jacks cloudy & cold. Snow fell 2 or 3 times

SATURDAY 15.

I went out to I. T. school to work at 9 & worked until 12 o'clock, went home & worked on a pair of boots for myself. Bess went down town after noon.

cloudy & cool all day showery after

OCTOBER, SUNDAY 16. 1881.

Bess & me staid at home all day. The Indian girl died that was sick at Captain Wilkinsons house. Martha Lott

cloudy & raining

MONDAY 17.

I went out to I. T. school to work at 9 & worked till 12 went home & finished my own boots, expecting the captain back from Omaha with some more Indians. cloudy & drizzling rain all day

TUESDAY 18.

I went out to I. T. school to work at 9 & worked until 3 o'clock, Captain Wilkinsons came home with 10 Indians on the 10:30 train. They buried the Indian girl in the evening at Taylor cemetery. cloudy & raining all day

OCTOBER, WEDNESDAY 19. 1881.

I went out to I.S. school to
work at 9 & worked until 3
Augustus Kautz Jerry Becke
George Pinte & Frank M
came over - home with me &
helped take the plank roof off of
cow shed & put on shakel roof

Cloudy & showy before noon
THURSDAY 20.

I went out to Indian School to
work at 9 & worked till 12.
went out after noon but did
not work the boys going to
drill in uniform

cloudy before noon clear after

FRIDAY 21.

I went out to the Indian School
at 9 & worked until
11 o'clock, went home & worked
at shoe making, the Indians all
went to Salt Lake to Mechanical
fair. I helped Bess wash.

foggy before noon clear after

OCTOBER, SATURDAY 22. 1881.

Bess & me washed before noon
Mother & Robert came up about
noon. Bess & me went home
with them in the evening
& staid all night -
(The old lady Staly died ^{children} ^{she} ^{was} ^{sent} ^{out} ^{to} ^{the} ^{asylum})
clear & cool.

SUNDAY 23.

Robert Will & me picked some
apples in the morning, made some
cider before noon. Robt went to
help dig a grave for Old Lady after
noon. Bess & me staid all
night at jimys. clear & cool

MONDAY 24.

Jimmy came up to Grove &
brought Walle children, & Bess
& me home. I went out to I.S. school
before noon did not do any thing, the
Indians came back from Pullman
I went out after noon to I.S. school
I finished a pr. girls shoes for Langley
clear & cool.

OCTOBER, TUESDAY 25. 1881.

I went out to J. T. School to work at 9 & worked until 3 O'clock, the Indians in their uniform went to college to drill with white boys.

Bess sent for the Oregonian before noon cloudy after dinner

WEDNESDAY 26.

I went out to J. T. School to work at 9 & worked until 3 O'clock. Bess put in a corn fort. Lewis Hunter called to see me in the evening.

Cloudy & raining all day

THURSDAY 27.

I went out to J. T. School to work at 9 & worked until 3 O'clock. Some Indians from Warm Spring visiting the school sociable at the school in the evening.

Cloudy & raining all day

OCTOBER, FRIDAY 28. 1881.

went out to J. T. School to work at 9 & worked until 3 O'clock. Went home & went to work on a pair of boots for Langley. Bess got set No. of Oregonian
Cloudy & raining

SATURDAY 29.

I went out J. T. school at 9 & worked until 12 past one went home & worked on a pair of boots for Langley

Cloudy & raining

SUNDAY 30.

Bess & me. Stairs at home all day all nearly sick with bad colds

Cloudy & raining

OCTOBER, MONDAY 31. 1881.

I went out to Indian School to work at 9 & worked til 3. General Condon visited the school. C. D. Naylor took lesson on Violin. finished ^{last} night. Bob & Mary brought me load of hay. Cloudy & showery

NOVEMBER, TUESDAY 1.

I went out to I. T. School to work at 9 & worked til 3 after noon. Lewis Winter borrowed my violin & went down to Hampton to play. Cloudy & showery, sun shining

WEDNESDAY 2.

I went out to Indian School to work at 9 & worked until 3 after noon. the Indian boy went over to college to did. I helped work on a cow set out to I. T. school after noon. Cloudy & showery sun shining part of day

NOVEMBER, THURSDAY 3. 1881.

I went out to I. T. school to work at 9 & worked til 3 after noon went home to work on a pair of kid shoes for Langley. C. D. Naylor took lesson on violin in evening. Cloudy & showery part

FRIDAY 4.

I went out to Indian school to work at 9 & worked til 3 went home & worked some at putting floor in my cowshed. Went out to I. T. school in evening to a sociable. Cloudy & raining all day

SATURDAY 5.

I went out to I. T. school to work at 9 & worked til 12 o'clock, came home & helped Beas to finish washing. Beas went down town in evening to do some trading. I worked at putting floor in my cow shed. Cloudy & windy & raining

NOVEMBER, SUNDAY 6.

1881.

Ben & me staid at home all day, H. C. Lizer & family came over on a visit after noon

Cloudy & Showery

MONDAY 7.

I went out to J. T. school to work at 9 & worked until 3 after noon. went home & worked at putting stall & manger in my cow shed Ed. Taylor took a
Cloudy & Showery

TUESDAY 8.

I went out to J. T. school to work at 9 & til 3 after noon. went home worked on my cow shed manger

Cloudy & cool

NOVEMBER, WEDNESDAY 9.

1881.

I went out to J. T. school to work at 9 I went with a lot of boys out John Gleason & Edward to gather apples before noon worked in shoe shop after noon til 3. my cow came up missing Cloudy & cool

THURSDAY 10.

I went out to John Gleason & Edward with a lot of Indians to gather apples before noon worked in the shoe shop after noon. I played for a dance at the Hall at night
Cloudy & cool.

FRIDAY 11.

my cow came home while I was eating
I went out to J. T. school to work at 9 & worked til 3 after noon

NOVEMBER, SATURDAY 12.

1881.

I went out to S. P. school to work
at 9 & worked til 3 after noon
The Tailor still at work
making suits for the boys
I finished the kid shoes for
Laggley & took them to him

Cloudy & showery

SUNDAY 13.

Bess & me staid at home
most all day we went to
Mr. Hudsons in the evening
S. Thayer & Mr. J. Lieser
took dinner with us
Lieser filled out our bible
a mistake! cloudy & cool

MONDAY 14.

I went out to S. P. school to work
at 9 & worked til 3 after noon
Capt Gilkinson came out
from Post office & brought a
tailor with him to make suits
for the Indian boys.
Capt Thayer took a lesson on violin
& fiddle & showery

NOVEMBER, TUESDAY 15.

1881.

I went out to S. P. school to work
at 9 & worked til 3 after noon
The Tailor still at work
making suits for the boys
I finished the kid shoes for
Laggley & took them to him
Cloudy & rainy

WEDNESDAY 16.

I went out to S. P. school to work
at 9 & worked til 3 after noon
The boy still at work at
the rest of the day
I came up on horse
back went back home

Cloudy & cold, frost at night

THURSDAY 17.

I went out to S. P. school to work
at 9 & worked til 3 after noon.
The Tailor still at work
Capt Thayer took a lesson on the
violin in the evening.

Cloudy & cool

NOVEMBER, FRIDAY 18. 1881.

I went out to the Indian School to work at 9 & worked til 3 after noon. Beas & me went out to I. S. School to the variable at night & got a case of the measles.

Cloudy & cool

SATURDAY 19.

I went out to I. S. School to work at 9 & worked til 12 below the tailor. went back to Millton on the afternoon train. I helped to scrub the floor, & put a hat on a shoe for the people. Harmer missing rain & cold.

SUNDAY 20.

Beas & me staid at home before noon. we went out for a walk after noon & stoped at Mrs. B's. I went to Church in the evening.

Clear after noon & cold.

NOVEMBER, MONDAY 21. 1881.

Big frost this morning. I went out to the Indian School to work at 9 & worked til 4 after noon. Ed Taylor took a lesson on violin, Victor Felt came out to I. S. School to get me to play for a dance this evening. foggy before noon clear after & cold at night.

TUESDAY 22.

I went out to I. S. School this morning at 9 & worked til 4. I fixed my sewing machine for the Indian girls to make the boys' suits. we received the *Delocipea* *Antitach* from Lewis Winter by mail. foggy all day & cold.

WEDNESDAY 23.

I went out to the Indian School to work at 9 & worked til 4. Ock came home & drove up my horse went down to A. C. W. lodge.

Clear & cold

NOVEMBER, THURSDAY 24.

1881.

Thanks giving day) Bless & me staid at home all day. had a nice dinner of wild duck; Amos & Marion Knighten were over & took dinner with us. Bless & me clear & cold. I went to a dance at the hall at night.

FRIDAY 25.

I went out to the Indian school to work at 9 & worked til 3. Came home & done my choore & went to bed early.

bless & cold

SATURDAY 26.

I went out to I. T. school to work before noon at 4 & worked til 12. Came home fixed to go to the hall to another dance a failure. Robert came by go up to Uncle Thomel.

cloudy after noon & cold

NOVEMBER, SUNDAY 27.

1881.

Bless & me staid at home all day. Robert & Gillie Knighten came by after noon going down to Mother's

cloudy most all day & cold

MONDAY 28.

I went out to Indian school to work at 9 & worked til 3. Mrs. Is. came up to haul wood for me by John Williams brother in law hauled wood for me after noon, from Mrs. White's lot. I came home in the evening & went to stacking up wood. Ted Taylor took haul long & cold.

TUESDAY 29.

I stacked wood awhile in the morn went out to the I. T. school at 9 & worked til 3. Ted Taylor came back to I. T. school. Mrs. S. took my pig home with him this morn. I got a letter from P. D. Sellers of Liberton in regard to some music.

cloudy foggy & cold

NOVEMBER, WEDNESDAY 30.

1881.

I stacked wood awhile in morn.
Frank catching hauld. out a load of
Oak wood. I went out to S.P. School
to work at 9 & worked til 3
Stacked wood awhile in the
evening. went to H. O. W. W. Lodge
blowdy foggy & cold

DECEMBER, THURSDAY 1.

went to see Mozzi White in the morning also
getting some more for wood. I set out Frank
catching hauld it for me to drag
I went out to S.P. school at 9 & worked
til 3 the Pailer did there at S.P. school
I came home in the evening & searched
the gear of this wood. I had a cold
Ed. Naylor came & took to room
FRIDAY 2. ~~in water~~

I went out to S.P. School to work
at 9 & worked til 3 after noon
The Pailer went home after noon
I went out to the school
in the evening to the stable
Bees did not stop
H. O. W. W. Selling out at auction
to lead & cold

DECEMBER, SATURDAY 3.

1881.

Went out to S.P. school to work
at 9 & worked til 12. I drained
water for Bees in the morning
to coach the put out her wash
ing. by noon. I went out to catching
in the evening to give chm. a haul
on the Organ. blowdy & cool.

SUNDAY 4.

Waking this morning when I got up
turned to a haze about noon.
Bees & me staid at home all
day. I went to church in the even
& Bees went over to Mr. Bellingame
& staid til. I came back from
church. Had a letter from the
Bees

MONDAY 5.

I went out to Indian School
to work at 9 this morn I worked
til 4 after noon. Came home
& done my boards.
Ed. Naylor came & took a
Lesson on the Violin.
blowdy & drizzling rain all day

DECEMBER, TUESDAY 6.

1881.

I went out to the Indian school to work at 9 & worked til 3 after noon, the Indian boys went down to The Colledge to drill

Cloudy & cold

WEDNESDAY 7.

H. G. Lieser brought us a bible for Bangroft W. B. got it for a present to her Parents. I went out to I. T. School to work at 9 & worked til 3 after noon, went to S. O. W. W. Lodge at night Election.

THURSDAY 8.

I got a letter from R. D. Allen of Silverton in regard to music I sent my music book to him to copy some music into & some of them I went out to I. T. School to work at 9 & worked til 3 after noon Indian boys went down to Colledge to drill after noon cloudy

DECEMBER, FRIDAY 9.

1881.

I went out to Indian School to work at 9 & worked til 3 1/2 after noon, I went out to the I. T. School in the evening to their Sociable, Carpenter & Wells & Wright putting up a bake shop out at the school. Cloudy & drizzling rain

SATURDAY 10.

I went out to I. T. School to work at 9 quit at 12 Robt. came up ^{with his} sled all night. I worked after noon at putting up Robt. boot & a pair of shoes for Mrs. Jacobs, the Wagon at the Indian School.

cloudy windy & raining all day

SUNDAY 11.

Bess & me staid at home til about 3 o'clock after noon we started out for a walk & stopped at Mrs. Hendersons awl mill, Robert staid home about 9 o'clock.

cloudy & drizzling rain most of the day

DECEMBER, MONDAY 12.

1881.

I went out to The Indian school to work at 9 & worked til 3. Capt. Willinson went to Portland, after noon we got a bill of leather at the school
Cloudy & Cold

TUESDAY 13.

I went out to I.S. school to work at 9 & worked. S^r John Williams hauled me some oak wood; Bee & me went over to Mrs. Beringames in the evening. Mr. Crossley filed my Buck saw

~~Clear before noon cloudy & cold~~

WEDNESDAY 14.

I went out to the Indian school to work at 9 & worked til 3. Jimmy brought some pig's feet & head & hauled up for me & left them at my Boozes. Cloudy & showery

DECEMBER, THURSDAY 15.

1881.

I went out to the Indian school to work at 9 & worked til 3 after noon, Will Lyson brought the meat down to us. What Jimmy left at me, Boozes;
Cloudy & drizzling rain

FRIDAY 16.

I went out to the Indian school to work at 9 & worked til 3 after. I went out again to The Sociable

~~Cloudy & drizzling rain~~

SATURDAY 17.

I went out to the Indian school to work at 9 & worked til 12. I stacked up sage wood after noon that John Williams hauled. Jim L. came by going up to Buck. Thoma & brought me 3 phe. cont.

Cloudy & cool

DECEMBER, SUNDAY 18.

1881.

I went to Church at 11 o'clock
Bess went over to Mrs. Harr-
-ison's. A while. Wm & came
from Uncle Thom's going home
Mid. of Car. Howard and came
down a while in the evening
Cloudy & foggy

MONDAY 19.

I went out to the Indian School
to work at 9, then out in the
amok till 3. Noon is bus-
digg a pick over out at
the school. Bess washed
today a big washing
almost & eat all day.

TUESDAY 20.

I went out to the Indian
School to work at 9 & worked
till 3 after noon. went down
town in the evening

Cloudy & foggy

DECEMBER, WEDNESDAY 21.

1881.

I went out to the Indian school
& worked at 9 & worked till
3. I went down to Harrop
in the evening to practice some
music with P. Williams for
the entertainment Friday night
misty rain this morn. cloudy & foggy.

THURSDAY 22.

I went out to the Indian School to work at 9
& worked till 3 after noon.
Ed. Taylor took a lesson on
the violin & paid me \$6 of a
half term.

Cloudy & foggy & cold

FRIDAY 23.

I went out to the Indian School to work at 9 & worked
till 3 after noon. Some of the Indian boys came home
from hunting. Bess & Young Mrs. Garrison &
Louie Berlingame & one went to the Hall
to an entertainment 10 nights in a bar room
I paid the violin for the business

Cloudy & raining after noon

DECEMBER, SATURDAY 24.

1881.

I went out to the Indian School to work at 9 & worked til 12. Robt. came up with a team & we went out to another with him load. Then we at our house & went over with us some. & we went out hunting did not kill any thing

hazy clouds & cool & rain

SUNDAY 25. Christmas

Another had company for dinner, Mr. & Mrs. Grison, Mrs. & Miss. Ray, Mr. & Mrs. Dames, Mrs. Dot-ley & Mr. Bush, Mr. & Mrs. Lushy, Miss. Pierce, Charles Thom & Ammon, Mrs. Wheeler, Bess & Delos Walker. (Wray up time) Robt brot. Bess & me home in evening staid all night.

cloudy & cold all day snow falling in the evening

MONDAY 26.

I went out to the Indian School to work at 9 & worked til 3. I played the fiddle for a masonic ball at night. Bess went to the ball & staid til after. Superior Johna Kette helped play. Christmas tree outside the Indian School at night snow on the ground this morning cloudy & raining most all day

DECEMBER, TUESDAY 27.

1881.

I went out to the Indian School to work at 9 & worked til 3. Went down to J. Hughes in the evening & got my coin for playing the violin last night \$1.75

clearly & cold

WEDNESDAY 28.

I went out to the Indian School to work at 9 & worked til 3. Bess went out calling after noon. I had head ache all day

cloudy & cold

THURSDAY 29.

I went out to the Indian School to work at 9 & worked til 3 after noon. Bess went out calling after noon.

cloudy & foggy

DECEMBER,

FRIDAY 30.

1881.

I went out to the Indian school
to work at 9 & worked til 4 o'clock
I received my check for my work
at the Indian School \$12.75
I came home & wrote some music
in my books.
cloudy & foggy

SATURDAY 31.

I was not well this morning
I went out to the Indian school
to work at 9 & worked til 12
I went down town after noon
& paid some of my bill.
Went to buy up horse-back and
staid all night. I bought
a new diary for next year.
the dramatic troupe played
ten nights in a bar room
at night. I did not go.

cloudy and foggy all day
and drizzling rain.

No. of lessons Frank Leitch has
taken on the violin.

MEMORANDA.

		Lesson	
Wednesday.	February	16 th	1
Thursday	"	24 th	2
Thursday	March	3 ^d	3
Monday	"	7 th	4
Thursday	March	10 th	5
Wednesday	"	16 th	6
Saturday	"	19 th	7

Saturday Dec 2nd 1882 &

No. of lessons Capt. Naylor has taken
on the Violin, of me.

MEMORANDA.

Lessons

Monday	October	31 st	1581	- 1
Thursday	November	3 rd		- 2
Monday	"	7 th		- 3
Monday	"	14 th		- 4
Wednesday	"	17 th		- 5
Monday	"	21 st		- 6
Monday	"	28 th		- 7
Thursday	December	1 st		- 8
Monday	"	6 th		- 9
Thursday	"	22 nd		- 10

MEMORANDA.

MEMORANDA.

MEMORANDA.

MEMORANDA.

CASH ACCOUNT—SUMMARY.

	Received.	Paid.
JANUARY, . . .		
FEBRUARY, . . .		
MARCH, . . .		
APRIL, . . .		
MAY, . . .		
JUNE, . . .		
JULY, . . .		
AUGUST, . . .		
SEPTEMBER, . . .		
OCTOBER, . . .		
NOVEMBER, . . .		
DECEMBER, . . .		

CASH ACCOUNT—JANUARY.

CASH ACCOUNT—JANUARY.

Date.

Balance

Received.

Paid.

Date.

Received.

Paid.

Jan 1

Jan 2

Jan 3

Jan 4

Jan 5

Jan 6

Jan 7

Jan 8

Jan 9

Jan 10

Jan 11

Jan 12

CASH ACCOUNT--FEBRUARY.

Date.

Balance

Received.

Paid.

CASH ACCOUNT--FEBRUARY.

Date.

Balance

Received.

Paid.

CASH ACCOUNT—MARCH.

Date.

Received.

Paid.

CASH ACCOUNT—MARCH.

Date.

Received.

Paid.

CASH ACCOUNT--MAY.

Date.		Received.	Paid.
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CASH ACCOUNT--MAY.

Date.		Received.	Paid.
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CASH ACCOUNT--AUGUST.

Date.		Received.	Paid.
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CASH ACCOUNT--AUGUST.

Date.		Received.	Paid.
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CASH ACCOUNT--SEPTEMBER.

Date.	Balance	Received.	Paid.
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CASH ACCOUNT--SEPTEMBER.

Date.	Balance	Received.	Paid.
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CASH ACCOUNT—OCTOBER.

Date.	Balance	Received.	Paid.
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CASH ACCOUNT—OCTOBER.

Date.	Balance	Received.	Paid.
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CASH ACCOUNT—DECEMBER.

Date.

Received.

Paid.

CASH ACCOUNT—DECEMBER.

Date.

Received.

Paid.

BILLS RECEIVABLE.

Date. Name. Amount.

BILLS PAYABLE.

Date. 1881
 Jan. 1st Name. M. D. Hooper
 By Md. \$26.29

BILLS RECEIVABLE.

Date.

Name.

Amount.

BILLS PAYABLE.

Date.

Name.

Amount.

MEMORANDA.

Commenced taking lessons
of Miss Mary Wells
Nov 12th 1883 Paid
Nov 19th Paid
Nov 22nd Paid
Nov 26th Paid
Dec 3rd

$4\frac{1}{4}$	$4\frac{1}{4}$	16
$8\frac{1}{4}$	$5\frac{1}{2}$	$\frac{6}{4}$
$34\frac{1}{2}$	$34\frac{1}{2}$	96
$2\frac{1}{4}$	2	23
$62\frac{1}{2}$	$68\frac{1}{4}$	288
$1\frac{1}{2}$	2	92
$64\frac{1}{2}$	$70\frac{1}{4}$	2208

$$68 \overline{) 1728} \quad (24$$

$$\underline{136}$$

$$368$$

Samuel A.
Walker

1-7

