

Calendar 1930

	1930								1930						
	JAN.	FEB.	MARCH	APRIL	MAY	JUNE		DE C.	NOV.	OCT.	SEPT.	AUG.	JULY		
SUN.	5	2	2	6	4	1	SUN.	6	2	5	3	6	6	SUN.	
MON.	6	3	3	7	5	2	MON.	7	3	6	4	7	7	MON.	
TUE.	7	4	4	8	6	3	TUE.	8	4	7	5	8	8	TUE.	
WED.	1	5	5	9	7	4	WED.	9	5	8	6	9	9	WED.	
THU.	2	6	6	10	8	5	THU.	10	6	9	7	10	10	THU.	
FRI.	3	7	7	11	9	6	FRI.	11	7	10	8	11	11	FRI.	
SAT.	4	8	8	12	10	7	SAT.	12	8	11	9	12	12	SAT.	
	12	9	9	13	11			13	9	12	10	13	13		
	13	10	10	14	12			14	10	13	11	14	14		
	14	11	11	15	13			15	11	14	12	15	15		
	15	12	12	16	14			16	12	15	13	16	16		
	16	13	13	17	15			17	13	16	14	17	17		
	17	14	14	18	16			18	14	17	15	18	18		
	18	15	15	19	17			19	15	18	16	19	19		
	19	16	16	20	18			20	16	19	17	20	20		
	20	17	17	21	19			21	17	20	18	21	21		
	21	18	18	22	20			22	18	21	19	22	22		
	22	19	19	23	21			23	19	22	20	23	23		
	23	20	20	24	22			24	20	23	21	24	24		
	24	21	21	25	23			25	21	24	22	25	25		
	25	22	22	26	24	1		26	22	25	23	26	26		
	26	23	23	27	25	2		27	23	26	24	27	27		
	27	24	24	28	26	3		28	24	27	25	28	28		
	28	25	25	29	27	4		29	25	28	26	29	29		
	29	26	26	30	28	5		30	26	29	27	30	30		
	30	27	27	31	29	6		31	27	30	28	31	31		
	31	28	28	..	30	7		..	28	..	..	..	..
	..	29	29	..	..	8		..	29	..	..	..	..
	..	30	30	..	..	9		..	30	..	..	..	..
	..	31	..	..	..	10		..	..	..	..	..	..
	..	..	..	..	..	11		..	..	..	..	..	..
	..	..	..	..	..	12		..	..	..	..	..	..
	..	..	..	..	..	13		..	..	..	..	..	..
	..	..	..	..	..	14		..	..	..	..	..	..
	..	..	..	..	..	15		..	..	..	..	..	..
	..	..	..	..	..	16		..	..	..	..	..	..
	..	..	..	..	..	17		..	..	..	..	..	..
	..	..	..	..	..	18		..	..	..	..	..	..
	..	..	..	..	..	19		..	..	..	..	..	..
	..	..	..	..	..	20		..	..	..	..	..	..
	..	..	..	..	..	21		..	..	..	..	..	..
	..	..	..	..	..	22		..	..	..	..	..	..
	..	..	..	..	..	23		..	..	..	..	..	..
	..	..	..	..	..	24		..	..	..	..	..	..
	..	..	..	..	..	25		..	..	..	..	..	..
	..	..	..	..	..	26		..	..	..	..	..	..
	..	..	..	..	..	27		..	..	..	..	..	..
	..	..	..	..	..	28		..	..	..	..	..	..
	..	..	..	..	..	29		..	..	..	..	..	..
	..	..	..	..	..	30		..	..	..	..	..	..
	..	..	..	..	..	31		..	..	..	..	..	..
		

Postage

CLASSIFICATION	DOMESTIC	FOREIGN
Letters, First Class Matter ..	2c. per oz. °°	○
Post Cards (Private)	1c. each	○
Postal Cards (Government)...	1c. each	○
Newspapers, Magazines, Periodicals.....	1c. for each 2 ozs.	○
Circulars and miscellaneous printed matter, also mdse..	1½c. for each 2 ozs. †	○
Merchandise, catalogs, etc., over 8 ozs.	Zone rates apply	○

REGISTRY FEE In addition to postage, Foreign 10c. Domestic first-class and sealed fourth-class mail prepaid with first-class postage, indemnified for \$50.00 or less, fee 15c.; \$100.00 or less, 20c. Return receipt 3c. extra. Indemnity limited to \$1000.00, see P. O. for other rates.

°°Drop letters, 1c. per oz.

†The rate on printed books or catalogs having 24 or more pages, seeds, bulbs, etc., weighing 8 ozs. or less, is 1c. for each 2 ozs. or fraction thereof.

°For foreign rates and conditions, inquire at Post Office.

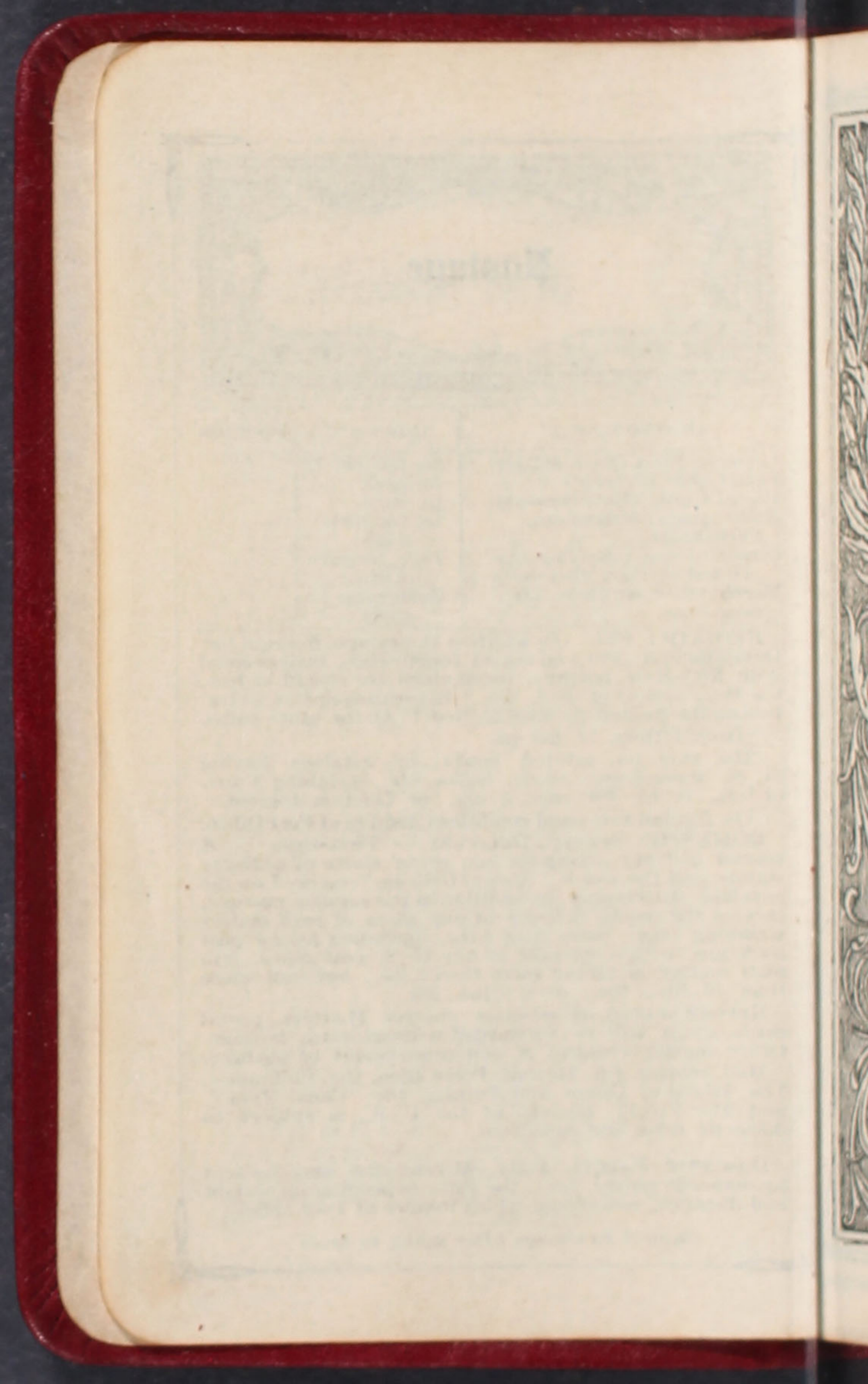
DOMESTIC: SPECIAL DELIVERY. - First-class. - A special delivery stamp or ten cents' worth of ordinary stamps and the words "Special Delivery" marked on the envelope or wrapper, in addition to the regular postage, secures the special delivery of any piece of mail matter weighing not more than 2 lbs., including parcel post packages, within one mile of any U. S. post office. On mail matter weighing more than 2 lbs., but not more than 10 lbs., 20c.; over 10 lbs., 25c.

REFORWARDING.--First-class matter (Letters, postal cards, etc.) will be forwarded without extra postage. Other matter requires a new prepayment of postage.

Mail matter for Hawaii, Porto Rico, the Phillipines, The Island of Guam and Tutuila, the "Canal Zone", and the Virgin Islands of the U. S., is subject to domestic rates and conditions.

DOMESTIC PARCEL POST.--Merchandise may be sent by domestic parcel post, the rates depending on weight and distance, concerning which inquire at Post Office.

Subject to change after going to press





THE

Trade Mark.

EXCELSIOR

DIARY

1930

Church Calendar

1930

JANUARY

- 1 Circumcision
- 6 Epiphany
- 12 i Sun. after Epiphany
- 19 ii " " "
- 26 Conv. of St. Paul
- 26 iii Sun. after Epiphany

FEBRUARY

- 2 Purification, B. V. M.
- 9 v*Sun. after Epiphany
- 16 Septuagesima
- 23 Sexagesima

MARCH

- 2 Quinquagesima
- 4 Shrove Tuesday
- 5 Ash Wednesday
- 9 Quadragesima
- 9 i Sunday in Lent
- 16 ii " " "
- 23 iii " " "
- 25 Annunciation
- 30 iv Sunday in Lent

APRIL

- 6 v Sunday in Lent
- 13 Palm Sunday
- 18 Good Friday
- 20 Easter Sunday
- 23 St. George's Day
- 25 St. Mark's Day
- 27 Low Sunday

MAY

- 1 St. Philip & St. James
- 4 ii Sunday after Easter
- 11 iii " " "
- 18 iv " " "
- 25 Rogation Sunday
- 29 Ascension (Holy) Thu.

JUNE

- 8 Whitsunday-Pentecost
- 15 Trinity Sunday
- 19 Corpus Christi
- 22 i Sun. after Trinity
- 24 St. John the Baptist
- 29 ii Sun. after Trinity
- 29 Sts. Peter & Paul

JULY

- 6 iii Sun. after Trinity
- 13 iv " " "
- 20 v " " "
- 25 St. James
- 27 vi Sun. after Trinity

AUGUST

- 3 vii Sun. after Trinity
- 6 Transfiguration
- 10 viii Sun. after Trinity
- 17 ix " " "
- 24 x " " "
- 24 St. Bartholomew
- 31 xi Sun. after Trinity

SEPTEMBER

- 7 xii Sun. after Trinity
- 14 xiii " " "
- 21 St. Mathew
- 28 xv Sun. after Trinity
- 29 St. Michael & All Angels

OCTOBER

- 5 xvi Sun. after Trinity
- 12 xvii " " "
- 18 St. Luke
- 26 xix Sun. after Trinity
- 26 Kingdom of Christ
- 31 Halloween

NOVEMBER

- 1 All Saints' Day
- 2 All Souls' Day
- 9 xxi Sun. after Trinity
- 16 xxii " " "
- 23 xxiii " " "
- 27 Thanksgiving Day
- 30 i Sunday in Advent
- 30 St. Andrew

DECEMBER

- 7 ii Sun. in Advent
- 14 iii " " "
- 21 iv " " "
- 21 St. Thomas
- 25 Christmas Day
- 26 St. Stephen
- 28 i Sun. after Christmas
- 28 Holy Innocents

1930
TIDE TABLES

FOR

SAN DIEGO (La Playa)
SAN FRANCISCO (Fort Point)
ASTORIA (Columbia River)
PORT TOWNSEND (Puget Sound)
SEATTLE (Madison Street)

AS FURNISHED BY THE

U. S. COAST & GEODETIC SURVEY

NOTE.—The tables of tides for San Francisco, San Diego, Port Townsend, Seattle and Astoria are obtained from the United States Coast and Geodetic 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. 0 h. 00 m. is midnight and 12 h. 00 m. is noon. An A. M. tide in the P. M. column is marked a; a P. M. tide in the A. M. column is marked p. The height is reckoned from the level of average lower low waters, for which the soundings are given on the coast and geodetic survey charts. These predicted times are all in "Pacific Standard Time," 120th Meridian W. eight hours slower than Greenwich time. The large tide is distinguished by the letter l, and the asterisk (*) denotes that both tides are the same height.

During the period from the last Sunday in March to the last Sunday in October, if it is desired to change to Daylight saving time add one hour to the Predictions.

HIGH WATER AT SAN DIEGO

JANUARY					FEBRUARY						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	9.26 l	11.22	17	10.44		1	10.17 l	11.34	17	0.04 l	12.12
2	9.58 l	11.57	18	0.16	11.34al	2	10.48		18	0.45 l	1.17
3	10.29		19	1.01 *	12.29	3	0.02	11.24al	19	1.32 l	3.02
4	0.34	11.02al	20	1.51 l	1.37	4	0.33 l	12.08	20	2.33 l	5.39
5	1.11	11.40al	21	2.43 l	3.10	5	1.11 l	1.16	21	3.48 l	7.07
6	1.52 *	12.27	22	3.40 l	5.05	6	2.02 l	3.25	22	5.02 l	7.40
7	2.36 l	1.38	23	4.38 l	6.41	7	3.08 l	5.53	23	6.00 l	8.06
8	3.24 l	3.33	24	5.30 l	7.43	8	4.24 l	7.06	24	6.46 l	8.29
9	4.14 l	5.29	25	6.19 l	8.24	9	5.32 l	7.52	25	7.25 l	8.50
10	5.04 l	6.53	26	7.00 l	8.56	10	6.32 l	8.29	26	8.00 l	9.11
11	5.54 l	7.53	27	7.34 l	9.24	11	7.25 l	9.04	27	8.31 l	9.33
12	6.43 l	8.42	28	8.12 l	9.50	12	8.17 l	9.39	28	9.01 l	9.56
13	7.32 l	9.25	29	8.45 l	10.16	13	9.01 l	10.14			
14	8.20 l	10.08	30	9.16 l	10.42	14	9.47 l	10.50			
15	9.08 l	10.50	31	9.45 l	11.08	15	10.33 l	11.25			
16	9.56 l	11.32				16	11.20				

MARCH					APRIL						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	9.32 l	10.18	17	11.08	11.09 l	1	10.38	10.21 l	17	1.10 p	11.26 l
2	10.04 l	10.41	18	12.00	11.43 l	2	11.26	10.52 l	18		
3	10.38	11.05 l	19		1.09	3	12.30 p	11.32 l	19	0.10	
4	11.18	11.34 l	20	0.23		4			20	1.32 l	6.27
5		12.09	21	1.17		5	0.28		21	3.34 l	6.32
6	0.10 l	1.33	22	2.52 l	7.02	6	2.01 l	6.05	22	4.48	6.43 l
7	1.01		23	4.28 l	7.15	7	3.49 l	6.29	23	5.48	7.01 l
8	2.22 l	6.24	24	5.35 l	7.31	8	5.11 l	6.56	24	6.32	7.19 l
9	4.01 l	6.59	25	6.23 l	7.49	9	6.15 l	7.24	25	7.13	7.41 l
10	5.21 l	7.30	26	7.03 l	8.07	10	7.08 l	7.54	26	7.51	8.03 l
11	6.25 l	8.01	27	7.38 l	8.27	11	7.56	8.23 l	27	8.30	8.25 l
12	7.18 l	8.31	28	8.11 l	8.48	12	8.43	8.53 l	28	9.10	8.51 l
13	8.06 l	9.02	29	8.44	9.08 l	13	9.27	9.22 l	29	9.54	9.19 l
14	8.52 l	9.33	30	9.18	9.30 l	14	10.13	9.52 l	30	10.42	9.52 l
15	9.36 l	10.05	31	9.55	9.55 l	15	11.00	10.21 l			
16	10.21 l	10.36 l				16	11.55	10.51 l			

MAY					JUNE						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	11.42	10.30 l	17		11.30	1		2.17	17		3.15
2	1.02 p	11.18 l	18			2	0.21 l	3.24	18	0.49	3.58 l
3		3.01	19	0.29 l	5.17	3	1.41 l	4.16	19	2.14	4.33 l
4	0.22 l	4.32	20	2.05	5.27 l	4	3.14	4.58 l	20	4.01	5.06 l
5	1.53 l	5.13	21	3.44	5.46 l	5	4.43	5.37 l	21	5.27	5.38 l
6	3.33 l	5.46	22	4.58	6.07 l	6	5.57	6.13 l	22	6.36	6.13 l
7	4.54	6.18 l	23	5.58	6.30 l	7	6.59	6.47 l	23	7.33	6.49 l
8	6.04	6.48 l	24	6.48	6.55 l	8	7.54	7.20 l	24	8.24	7.27 l
9	7.00	7.18 l	25	7.36	7.22 l	9	8.43	7.53 l	25	9.11	8.07 l
10	7.52	7.49 l	26	8.22	7.51 l	10	9.27	8.25 l	26	9.58	8.51 l
11	8.39	8.19 l	27	9.09	8.23 l	11	10.10	8.57 l	27	10.46	9.36 l
12	9.25	8.48 l	28	9.58	9.00 l	12	10.52	9.28 l	28	11.34	10.25 l
13	10.10	9.17 l	29	10.51	9.39 l	13	11.36	10.01 l	29	12.26 p	11.16 l
14	10.58	9.47 l	30	11.52	10.25 l	14	12.25 p	10.33 l	30		1.20
15	11.51	10.17 l	31	1.00 p	11.17 l	15	1.20 p	11.10 l			
16	1.02 p	10.50 l				16	2.21 p	11.51 l			

HIGH WATER AT SAN DIEGO

JULY						AUGUST					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	0.15 l	2.17	17	0.06	2.04 l	1	2.35	3.06 l	17	2.37	2.24 l
2	1.24	3.12 l	18	1.06	2.55 l	2	4.42	4.12 l	18		3.52
3	2.53	4.06 l	19	3.01	3.49 l	3	6.29	5.14 l	19	7.05	5.11 l
4	4.33	4.55 l	20	5.16	4.42 l	4	7.31	6.07 l	20	7.38	6.12 l
5	6.03	5.41 l	21	6.44	5.36 l	5	8.12	6.52 l	21	8.10	7.06 l
6	7.12	6.25 l	22	7.40	6.26 l	6	8.42	7.32 l	22	8.41	7.54 l
7	8.07	7.02 l	23	8.24	7.14 l	7	9.08	8.07 l	23	9.13	8.40 l
8	8.51	7.39 l	24	9.04	8.01 l	8	9.33	8.39 l	24	9.46	9.26 l
9	9.26	8.15 l	25	9.42	8.46 l	9	9.58	9.08 l	25	10.20	10.12 l
10	10.00	8.48 l	26	10.21	9.33 l	10	10.21	9.38 l	26	10.54	10.58 l
11	10.31	9.19 l	27	11.00	10.20 l	11	10.45	10.06 l	27	11.31 l	11.50
12	11.03	9.50 l	28	11.41	11.09 l	12	11.09	10.37 l	28		12.11
13	11.34	10.21 l	29	12.24 p	11.59 l	13	11.33*	11.08	29	0.53	12.57 l
14	12.08 p	10.52 l	30		1.11	14	11.59 l	11.45	30	2.30	1.57 l
15	12.42 p	11.26 l	31	1.06	2.05 l	15		12.32	31	5.26	3.21 l
16		1.21				16	0.40	1.17 l			

SEPTEMBER						OCTOBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	6.57	4.46 l	17	6.54	4.50 l	1	7.02	5.23 l	17	6.35	5.45 l
2	7.30	5.52 l	18	7.15	6.01 l	2	7.18	6.16 l	18	7.02	6.44 l
3	7.55	6.41 l	19	7.40	6.56 l	3	7.35	6.57 l	19	7.31 l	7.37
4	8.16	7.20 l	20	8.09	7.45 l	4	7.54	7.33 l	20	8.01 l	8.26
5	8.36	7.53 l	21	8.37	8.32 l	5	8.13	8.06 l	21	8.31 l	9.13
6	8.56	8.24 l	22	9.08	9.18 l	6	8.32 l	8.38	22	9.03 l	10.00
7	9.17	8.54 l	23	9.40 l	10.04	7	8.53 l	9.11	23	9.34 l	10.50
8	9.36	9.23 l	24	10.12 l	10.51	8	9.13 l	9.45	24	10.06 l	11.43
9	9.57	9.53 l	25	10.44 l	11.44	9	9.35 l	10.23	25	10.39	
10	10.17 l	10.24	26	11.19		10	9.58 l	11.06	26	0.51	11.14al
11	10.39 l	11.00	27	0.49	11.57al	11	10.25		27	11.57	
12	11.03 l	11.43	28		12.47	12	0.01	10.59al	28		1.04
13	11.33 l		29		2.14	13	1.29	11.45al	29	5.58	2.57 l
14	0.48	12.14 l	30	6.46	4.08 l	14		12.56	30	6.11*	4.31
15		1.20				15	5.57	2.49 l	31	6.28 l	5.35
16		3.13				16	6.11	4.31 l			

NOVEMBER						DECEMBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	6.47 l	6.24	17	6.55 l	7.34	1	6.15 l	6.44	17	7.00 l	8.35
2	7.06 l	7.07	18	7.28 l	8.26	2	6.40 l	7.33	18	7.38 l	9.22
3	7.27 l	7.47	19	8.01 l	9.15	3	7.08 l	8.19	19	8.15 l	10.06
4	7.49 l	8.26	20	8.33 l	10.02	4	7.38 l	9.04	20	8.50 l	10.47
5	8.12 l	9.05	21	9.06 l	10.51	5	8.09 l	9.50	21	9.25 l	11.27
6	8.36 l	9.45	22	9.40 l	11.43	6	8.44 l	10.38	22	10.00	
7	9.03 l	10.30	23	10.13		7	9.22 l	11.30	23	0.10	10.34al
8	9.33 l	11.22	24	0.42	10.49al	8	10.05		24	0.56	11.10al
9	10.07		25	2.00	11.28al	9	0.25	10.52al	25	1.40	11.48al
10	0.26	10.50al	26		12.18	10	1.27	11.46al	26	2.28	12.36 l
11	1.56	11.43al	27	4.24	1.34 l	11	2.30	12.53 l	27	3.14 l	1.43
12	3.38	12.55 l	28	4.56 l	3.11	12	3.27	2.17 l	28	3.56 l	3.25
13	4.37	2.33 l	29	5.23 l	4.38	13	4.16 l	3.52	29	4.37 l	5.10
14	5.15	4.11 l	30	5.48 l	5.46	14	5.00 l	5.21	30	5.15 l	6.30
15	5.48 l	5.31				15	5.42 l	6.37	31	5.55 l	7.32
16	6.21 l	6.36				16	6.23 l	7.40			

HIGH WATER AT SAN FRANCISCO

JANUARY						FEBRUARY					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	1.35	11.27al	17	2.06	12.54 l	1	1.59	12.33 l	17	2.37 l	2.57
2	2.14	12.02 l	18	2.50	1.54 l	2	2.27 l	1.15	18	3.17 l	4.14
3	2.52	12.37 l	19	3.34 l	3.03	3	2.53 l	2.06	19	4.01 l	5.43
4	3.30	1.19 l	20	4.19 l	4.22	4	3.21 l	3.11	20	4.51 l	7.16
5	4.06 l	2.09	21	5.04 l	5.52	5	3.50 l	4.38	21	5.48 l	8.33
6	4.40 l	3.16	22	5.51 l	7.25	6	4.26 l	6.26	22	6.50 l	9.27
7	5.12 l	4.42	23	6.38 l	8.45	7	5.12 l	8.02	23	7.48 l	10.09
8	5.42 l	6.26	24	7.24 l	9.47	8	6.00 l	9.12	24	8.39 l	10.45
9	6.17 l	8.00	25	8.11 l	10.36	9	7.12 l	10.04	25	9.24 l	11.16
10	6.55 l	9.15	26	8.55 l	11.16	10	8.14 l	10.48	26	10.04 l	11.45
11	7.39 l	10.16	27	9.35 l	11.52	11	9.13 l	11.28	27	10.41	
12	8.27 l	11.07	28	10.12		12	10.09		28	0.12	11.16al
13	9.17 l	11.54	29	0.25	10.47al	13	0.06	11.03al			
14	10.09		30	0.57	11.22al	14	0.42	11.57al			
15	0.38	11.03al	31	1.28	11.53al	15	1.20	12.52 l			
16	1.23	11.57al				16	1.58 l	1.52			

MARCH						APRIL					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	0.36	11.53al	17	1.04 l	1.52	1	0.20 l	1.32	17	1.19 l	3.58
2	0.59 l	12.34	18	1.38 l	2.56	2	0.44 l	2.32	18	1.56 l	3.10
3	1.21 l	1.19	19	2.15 l	4.08	3	1.13 l	3.42	19	2.45 l	6.21
4	1.43 l	2.15	20	2.56 l	5.30	4	1.52 l	5.02	20	3.51 l	7.20
5	2.09 l	3.24	21	3.46 l	6.55	5	2.46 l	6.26	21	5.15	8.05 l
6	2.40 l	4.51	22	4.53 l	8.03	6	3.58 l	7.33	22	6.36	8.40 l
7	3.24 l	6.30	23	6.10 l	8.52	7	5.27 l	8.22	23	7.43	9.10 l
8	4.23 l	7.55	24	7.20 l	9.30	8	6.53 l	9.02	24	8.41	9.36 l
9	5.39 l	8.54	25	8.16 l	10.02	9	8.08*	9.38	25	9.33	10.00 l
10	7.01 l	9.38	26	9.05 l	10.30	10	9.14	10.11 l	26	10.21	10.22 l
11	8.11 l	10.17	27	9.49 l	10.56	11	10.14	10.42 l	27	11.09	10.43 l
12	9.12 l	10.51	28	10.30	11.19 l	12	11.09	11.14 l	28	11.59	11.05 l
13	10.11 l	11.25	29	11.12	11.40 l	13	12.04p	11.44 l	29	12.50p	11.50 l
14	11.05 l	11.58	30	11.54		14		12.58	30		1.44
15	11.59		31	0.00 l	12.40	15	0.15 l	1.54			
16	0.31 l	12.54				16	0.46 l	2.53			

MAY						JUNE					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	0.02 l	2.44	17	1.16 l	4.40	1	1.28 l	4.32	17	2.27	5.19 l
2	0.41 l	3.49	18	2.02 l	5.35	2	2.34 l	5.24	18	3.28	5.55 l
3	1.30 l	4.57	19	3.00*	6.24	3	3.51	6.10 l	19	4.47	6.29 l
4	2.32 l	6.02	20	4.15	7.05 l	4	5.18	6.53 l	20	6.21	6.58 l
5	3.52 l	6.56	21	5.39	7.38 l	5	6.48	7.34 l	21	7.50	7.28 l
6	5.22	7.40 l	22	7.02	8.09 l	6	8.11	8.12 l	22	9.06	7.59 l
7	6.50	8.18 l	23	8.14	8.35 l	7	9.25	8.48 l	23	10.11	8.33 l
8	8.08	8.55 l	24	9.18	9.00 l	8	10.28	9.23 l	24	11.05	9.13 l
9	9.18	9.28 l	25	10.15	9.24 l	9	11.24	9.57 l	25	11.56	9.57 l
10	10.20	10.01 l	26	11.08	9.51 l	10	12.14p	10.30 l	26	12.45p	10.45 l
11	11.16	10.32 l	27	12.01p	10.22 l	11	1.00p	11.04 l	27	1.32p	11.36 l
12	12.10p	11.02 l	28	12.54p	10.59 l	12	1.45p	11.40 l	28		2.19
13	1.02p	11.33 l	29	1.47p	11.42 l	13		2.30	29	0.31 l	3.06
14		1.54	30		2.41	14	0.15 l	3.15	30	1.31 l	3.51
15	0.04 l	2.47	31	0.31 l	3.38	15	0.53 l	3.58			
16	0.37 l	3.42				16	1.36 l	4.40			

HIGH WATER AT SAN FRANCISCO

JULY						AUGUST					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	2.37	4.36 l	17	3.06	4.41 l	1	5.17	5.14 l	17	5.56	4.39 l
2	3.57	5.21 l	18	4.22	5.12 l	2	6.49	6.05 l	18	7.32	5.33 l
3	5.21	6.05 l	19	5.58	5.45 l	3	8.16	6.56 l	19	8.47	6.36 l
4	6.48	6.48 l	20	7.36	6.24 l	4	9.25	7.48 l	20	9.41	7.41 l
5	8.16	7.31 l	21	8.59	7.08 l	5	10.18	8.38 l	21	10.26	8.45 l
6	9.30	8.14 l	22	10.02	7.59 l	6	11.01	9.23 l	22	11.04	9.43 l
7	10.31	8.55 l	23	10.53	8.52 l	7	11.37	10.05 l	23	11.41	10.40 l
8	11.21	9.35 l	24	11.38	9.47 l	8	12.11p	10.42 l	24	12.18p	11.36 l
9	12.05p	10.14 l	25	12.20p	10.41 l	9	12.42p	11.20 l	25		12.54
10	12.44p	10.51 l	26	1.00p	11.35 l	10	1.12p	11.55 l	26	0.34 l	1.30
11	1.21p	11.27 l	27		1.40	11		1.40	27	1.34	2.08 l
12		1.58	28	0.33 l	2.21	12	0.33 l	2.07	28	2.40	2.48 l
13	0.04 l	2.33	29	1.32 l	3.02	13	1.15	2.32 l	29	3.54	3.32 l
14	0.41 l	3.07	30	2.37	3.44 l	14	2.04	2.58 l	30	5.17	4.22 l
15	1.21 l	3.40	31	3.52	4.28 l	15	3.03	3.24 l	31	6.45	5.20 l
16	2.08	4.11 l				16	4.20	3.56 l			

SEPTEMBER						OCTOBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	8.02	6.24 l	17	8.25	6.22 l	1	8.26	7.00 l	17	8.30	7.31
2	9.01	7.27 l	18	9.11	7.35 l	2	9.06	8.00 l	18	9.06*	8.42
3	9.46	8.22 l	19	9.49	8.42 l	3	9.38*	8.51	19	9.39 l	9.45
4	10.24	9.10 l	20	10.23	9.42 l	4	10.08 l	9.38	20	10.11 l	10.45
5	10.56	9.53 l	21	10.56	10.40 l	5	10.33 l	10.21	21	10.44 l	11.43
6	11.26	10.33 l	22	11.30 l	11.38	6	10.57 l	11.04	22	11.15	
7	11.53	11.11 l	23		12.03	7	11.18 l	11.48	23	0.41	11.48al
8	12.17p	11.50*	24	0.36	12.37 l	8	11.37		24	1.39	12.23 l
9		12.40	25	1.37	1.13 l	9	0.34	11.56al	25	2.41	1.00 l
10	0.31	1.01 l	26	2.42	1.52 l	10	1.25	12.19 l	26	3.45	1.43 l
11	1.17	1.22 l	27	3.53	2.35 l	11	2.22	12.47 l	27	4.55	2.36 l
12	2.11	1.46 l	28	5.12	3.29 l	12	3.28	1.23 l	28	6.01	3.44 l
13	3.14	2.16 l	29	6.30	4.35 l	13	4.42	2.13 l	29	6.56 l	5.04
14	4.33	2.54 l	30	7.35	5.49 l	14	5.59	3.20 l	30	7.40 l	6.20
15	6.03	3.49 l				15	7.03	4.44 l	31	8.16 l	7.28
16	7.25	5.01 l				16	7.51	6.12 l			

NOVEMBER						DECEMBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	8.47 l	8.28	17	8.57 l	9.52	1	8.16 l	9.08	17	8.58 l	11.00
2	9.14 l	9.22	18	9.30 l	10.53	2	8.40 l	10.06	18	9.35 l	11.52
3	9.38 l	10.12	19	10.04 l	11.50	3	9.05 l	10.57	19	10.13	
4	10.00 l	11.00	20	10.37		4	9.31 l	11.47	20	0.39	10.50al
5	10.20 l	11.48	21	0.44	11.11al	5	10.01		21	1.24	11.27al
6	10.41		22	1.37	11.46al	6	0.36	10.34al	22	2.09	12.04 l
7	0.38	11.05al	23	2.31	12.23 l	7	1.27	11.15al	23	2.57	12.44 l
8	1.31	11.35al	24	3.26	1.05 l	8	2.19	12.01 l	24	3.36	1.27 l
9	2.28	12.11 l	25	4.23	1.54 l	9	3.12	12.54 l	25	4.19 l	2.17
10	3.30	12.57 l	26	5.17*	2.54	10	4.05	1.56 l	26	4.58 l	3.20
11	4.35	1.56 l	27	6.04 l	4.10	11	4.54	3.11 l	27	5.35 l	4.42
12	5.36	3.10 l	28	6.43 l	5.32	12	5.40 l	4.36	28	6.10 l	6.16
13	6.27*	4.38	29	7.18 l	6.52	13	6.22 l	6.10	29	6.41 l	7.44
14	7.10 l	6.09	30	7.48 l	8.05	14	7.03 l	7.38	30	7.13 l	8.59
15	7.48 l	7.32				15	7.42 l	8.56	31	7.44 l	10.00
16	8.23 l	8.46				16	8.20 l	10.03			

HIGH WATER AT ASTORIA, OREGON

JANUARY						FEBRUARY					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	2.43	1.43	17	3.34	3.06	1	3.20	2.44	17	4.17	4.36
2	3.19	2.19	18	4.18	3.59	2	3.49	3.21	18	4.54	5.32
3	3.55	2.56	19	5.03	4.57	3	4.10	4.02	19	5.37	6.35
4	4.32	3.36	20	5.48	6.01	4	4.51	4.51	20	6.25	7.52
5	5.11*	4.23	21	6.35	7.10	5	5.29	5.52	21	7.22	9.13
6	5.51	5.17	22	7.25	8.25	6	6.13	7.08	22	8.30	10.27
7	6.33	6.26	23	8.18	9.41	7	7.08	8.40	23	9.39	11.26
8	7.18	7.44	24	9.13	10.49	8	8.14	10.09	24	10.38	
9	8.06	9.06	25	10.07	11.45	9	9.24	11.18	25	0.10	11.20al
10	8.58	10.22	26	10.56		10	10.32		26	0.47	12.12
11	9.52	11.28	27	0.32	11.42al	11	0.15	11.34al	27	1.19	12.50
12	10.47		28	1.13	12.23	12	1.01	12.29	28	1.49	1.26
13	0.25	11.40al	29	1.49	1.01	13	1.44	1.20			
14	1.17	12.32	30	2.21	1.36	14	2.23	2.10			
15	2.04	1.21	31	2.51	2.10	15	3.01	2.58			
16	2.50	2.15				16	3.39	3.46			

MARCH						APRIL					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	2.16	2.00	17	2.58	3.31	1	2.25	3.03	17	3.23	4.49
2	2.40	2.39	18	3.30	4.18	2	2.53	3.45	18	3.59	5.41
3	3.06	3.10	19	4.05	5.08	3	3.26	4.32	19	4.43	6.44
4	3.32	3.50	20	4.42	6.05	4	4.06	5.32	20	5.39	7.54
5	4.02	4.36	21	5.26	7.15	5	4.57	6.47	21	6.54	9.00
6	4.39	5.33	22	6.25	8.36	6	6.04	8.15	22	8.17	9.55
7	5.25	6.48	23	7.42	9.51	7	7.30	9.33	23	9.32	10.38
8	6.25	8.26	24	9.04	10.44	8	9.00	10.33	24	10.33	11.16
9	7.43	9.56	25	10.12	11.31	9	10.16	11.21	25	11.26	11.49
10	9.09	11.02	26	11.06		10	11.19		26		12.11
11	10.25	11.54	27	0.08	11.52al	11	0.01	12.15	27	0.20	12.55
12	11.28		28	0.38	12.34	12	0.39	1.05	28	0.49	1.38
13	0.32	12.23	29	1.07	1.12	13	1.14	1.52	29	1.20	2.17
14	1.15	1.13	30	1.34	1.48	14	1.46	2.36	30	1.50	3.00
15	1.59*	2.01	31	1.58	2.26	15	2.18	3.18			
16	2.24	2.46				16	2.50	4.02			

MAY						JUNE					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	2.25	3.45	17	3.31	5.23	1	3.49	5.34	17	4.45	6.21
2	3.05	4.37	18	4.15	6.14	2	4.49	6.30	18	5.39	7.04
3	3.51	5.38	19	5.10	7.08	3	5.57	7.26	19	6.40	7.48
4	4.48	6.45	20	6.11*	8.02	4	7.12	8.19	20	7.49	8.30
5	6.00	7.56	21	7.25	8.51	5	8.29	9.09	21	9.02	9.15
6	7.22	8.59	22	8.40	9.36	6	9.43	9.56	22	10.14	10.00
7	8.46	9.53	23	9.49	10.17	7	10.50	10.41	23	11.18	10.45
8	10.01	10.40	24	10.51	10.55	8	11.51	11.23	24	12.18p	11.33
9	11.06	11.21	25	11.46	11.30	9		12.44	25		1.13
10		12.04	26		12.36	10	0.04	1.33	26	0.21	2.04
11	0.00	12.55	27	0.08	1.24	11	0.42	2.17	27	1.11	2.53
12	0.36	1.43	28	0.45	2.11	12	1.19	2.58	28	2.02	3.40
13	1.11	2.27	29	1.25	2.59	13	1.59	3.38	29	2.54	4.26
14	1.45	3.08	30	2.09	3.48	14	2.34	4.17	30	3.49	5.14
15	2.18	3.50	31	2.57	4.40	15	3.12	4.58			
16	2.53	4.34				16	3.56	5.40			

HIGH WATER AT ASTORIA, OREGON

JULY						AUGUST					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	4.47	6.00	17	5.08	6.06	1	6.42	6.52	17	6.42	6.38
2	5.50	6.48	18	6.03	6.45	2	7.49	7.40	18	8.00	7.40
3	6.57	7.35	19	7.08	7.29	3	9.01	8.31	19	9.22	8.44
4	8.09	8.25	20	8.24	8.20	4	10.15	9.36	20	10.32	9.55
5	9.22	9.14	21	9.43	9.14	5	11.20	10.33	21	11.40	11.02
6	10.32	10.04	22	11.03	10.12	6	12.18 p	11.26	22		12.34
7	11.36	10.52	23	12.04 p	11.12	7		12.59	23	0.01	1.19
8	12.33p	11.39	24		12.50	8	0.11	1.38	24	0.56	1.56
9		1.21	25	0.11	1.48	9	0.52	2.12	25	1.50	2.30
10	0.22	2.04	26	1.03	2.33	10	1.32	2.42	26	2.42	3.15
11	1.04	2.42	27	1.50	3.15	11	2.09	3.10	27	3.31	4.00
12	1.43	3.17	28	2.49	4.00	12	2.45	3.35	28	4.24	4.37
13	2.21	3.50	29	3.45	4.39	13	3.23	4.08	29	5.21	5.20
14	2.59	4.22	30	4.39	5.22	14	4.00	4.38	30	6.22	6.07
15	3.38	4.56	31	5.38	6.07	15	4.44	5.10	31	7.32	7.03
16	4.21	5.30				16	5.37	5.51			

SEPTEMBER						OCTOBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	8.44	8.04	17	9.12	8.23	1	9.26	8.45	17	9.55	9.37
2	9.54	9.10	18	10.20	9.47	2	10.19	9.50	18	10.42	10.43
3	10.57	10.15	19	11.14	10.52	3	11.02	10.45	19	11.24	11.40
4	11.44	11.10	20	11.59	11.53	4	11.40*	11.30	20		12.03
5		12.23	21		12.42	5		12.12	21	0.35	12.40
6	0.00	12.58	22	0.46	1.20	6	0.13	12.42	22	1.25	1.16
7	0.35	1.29	23	1.38	1.53	7	0.53	1.09	23	2.14	1.52
8	1.12	1.57	24	2.27	2.34	8	1.31	1.35	24	3.02	2.28
9	1.52	2.24	25	3.18	3.10	9	2.08	2.01	25	3.52	3.05
10	2.26	2.45	26	4.08	3.50	10	2.49	2.30	26	4.44	3.46
11	3.05	3.10	27	5.03	4.30	11	3.29	3.03	27	5.42	4.37
12	3.43	3.45	28	6.04	5.21	12	4.18	3.42	28	6.45	5.40
13	4.25	4.21	29	7.13	6.21	13	5.18	4.32	29	7.50	6.53
14	5.22	5.04	30	8.22	7.34	14	6.30	5.36	30	8.46	8.08
15	6.23	6.00				15	7.48	6.56	31	9.33	9.15
16	7.50	7.09				16	8.57	8.20			

NOVEMBER						DECEMBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	10.14	10.12	17	10.48	11.32	1	9.59	10.35	17	11.00	
2	10.50	11.04	18	11.27		2	10.35	11.27	18	0.20	11.41al
3	11.23	11.49	19	0.26	12.06	3	11.10		19	1.09	12.22
4	11.54		20	1.16	12.44	4	0.15	11.45al	20	1.54	1.00
5	0.33	12.23	21	2.04	1.19	5	1.00	12.20	21	2.37	1.39
6	1.14	12.52	22	2.49	1.56	6	1.46	12.58	22	3.18	2.16
7	1.55	1.22	23	3.36	2.33	7	2.32	1.39	23	3.59	2.55
8	2.38	1.56	24	4.23	3.14	8	3.21	2.25	24	4.40	3.36
9	3.24	2.35	25	5.16	4.03	9	4.12	3.15	25	5.22	4.24
10	4.17	3.21	26	6.10	4.57	10	5.07	4.13	26	6.05	5.19
11	5.19	4.16	27	7.03	6.06	11	6.03	5.21	27	6.48	6.26
12	6.26	5.27	28	7.53	7.20	12	6.59	6.38	28	7.32	7.38
13	7.31	6.49	29	8.39	8.31	13	7.52	7.58	29	8.18	8.53
14	8.31*	8.12	30	9.20	9.37	14	8.41	9.14	30	9.02	10.03
15	9.21	9.27				15	9.30	10.23	31	9.47	11.05
16	10.07	10.33				16	10.15	11.25			

HIGH WATER AT PORT TOWNSEND, WASH.

JANUARY						FEBRUARY					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	6.44	2.38	17	7.08	5.04	1	6.57	5.10	17	7.15	7.48
2	7.15	3.20	18	7.41	6.18	2	7.18	6.05	18	7.42	9.07
3	7.46	4.00	19	8.14	7.35	3	7.39	7.08	19	8.10	10.48
4	8.15	5.05	20	8.44	9.05	4	7.57	8.20	20	8.37	
5	8.42	6.30	21	9.15	11.02	5	8.14	9.50	21	0.48	9.03al
6	9.07	8.03	22	9.46		6	8.30		22	2.11	9.34
7	9.28	9.47	23	1.16	10.16al	7	0.06	8.46al	23	3.00	
8	9.47		24	2.41	10.46al	8	1.09		24	3.37	
9	0.03	10.04al	25	3.23	11.17al	9	3.11	9.48al	25	4.08	1.10
10	2.14	10.24al	26	4.13		10	3.48*	10.52a	26	4.35	2.12
11	3.18	10.48al	27	4.46	12.46	11	4.21	12.28	27	4.58	3.05
12	4.04	11.27al	28	5.16	1.50	12	4.52	1.57	28	5.18	3.54
13	4.43	12.20	29	5.44	2.42	13	5.22	3.14			
14	5.22	1.27	30	6.10	3.30	14	5.50	4.24			
15	5.59	2.40	31	6.34	4.18	15	6.19	5.31			
16	6.34	3.53				16	6.47	6.39			

MARCH						APRIL					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	5.38	4.43	17	5.46	6.52	1	4.58	6.45	17	5.25	8.34
2	5.56	5.34	18	6.12	7.54	2	5.13	7.42	18	5.37	9.57
3	6.13	6.28	19	6.38	9.02	3	5.27	8.48	19		11.05
4	6.30	7.27	20	7.03	10.24	4	5.41	10.04	20		
5	6.46	8.35	21	7.26	11.57	5	6.00	11.30	21	0.06	
6	7.00	9.57	22			6	6.24		22	0.53	
7	7.14	11.54	23	1.12		7	0.43		23	1.28	11.56al
8	7.34		24	2.04		8	1.32	10.00al	24	1.55	1.26
9	1.42	8.15al	25	2.41	11.58a	9	2.07	12.13	25	2.16	2.34
10	2.32	9.18al	26	3.11	1.20	10	2.35	1.51	26	2.33	3.35
11	3.06	11.20a	27	3.34	2.24	11	3.04	3.03	27	2.45	4.26
12	3.37	1.08	28	3.54	3.20	12	3.29	4.13	28	3.00	5.15
13	4.04	2.34	29	4.11	4.11	13	3.53	5.13	29	3.17	6.06
14	4.30	3.44	30	4.27	5.00	14	4.17*	6.07	30	3.30	6.55
15	4.55	4.49	31	4.43	5.52	15	4.33	7.01			
16	5.21	5.51				16	5.04	7.55			

MAY						JUNE					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	3.45	7.50	17		9.27	1	3.42	9.27	17		9.58
2	4.01	8.52	18		10.16	2		10.10	18	8.00	10.23
3	4.22	9.56	19		10.59	3	7.46	10.49	19	9.48	10.45
4	5.00	10.55	20		11.36	4	9.42	11.25	20	11.44	11.08
5		11.48	21	9.55		5	11.47	11.55	21	1.37	11.25
6	9.00		22	0.06	11.50a	6		1.39	22	2.53	11.35
7	0.27	10.55a	23	0.28	1.29	7	0.23	3.00	23	3.49	11.53
8	1.00	12.57	24	0.46	2.43	8	0.50	4.00	24		4.37
9	1.30	2.28	25	1.01	3.44	9	1.14	4.50	25	0.16	5.21
10	1.58	3.42	26	1.15	4.36	10	1.35	5.34	26	0.51	6.05
11	2.20	4.36	27	1.29	5.15	11	1.51	6.15	27	1.40	6.45
12	2.43	5.28	28	1.46	6.12	12	1.47	6.54	28	2.33	7.25
13	3.05	6.16	29	2.10	7.00	13	2.15	7.30	29	3.45	8.05
14	3.26	7.05	30	2.39	7.50	14		8.12	30	5.12	8.43
15	3.35	7.49	31	3.16	8.40	15		8.51			
16		8.37				16		9.25			

HIGH WATER AT PORT TOWNSEND, WASH.

JULY						AUGUST					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	6.47	9.17 l	17	8.09	9.10 l	1	10.29	9.21 l	17	11.33	8.23 l
2	8.26	9.51 l	18	9.42	9.29 l	2	12.31p	9.54 l	18	1.38p	8.48 l
3	10.12	10.21 l	19	11.40	9.46 l	3	2.02p	10.30 l	19	2.38p	9.26 l
4	12.18p	10.52 l	20	1.44p	10.04 l	4	3.00pl	11.08	20	3.18p	10.31 l
5	2.01p	11.22 l	21	2.56p	10.24 l	5	3.44pl	11.54	21	3.57pl	11.59
6	3.10p	11.52 l	22	3.44p	10.58 l	6		4.21	22		4.22
7		4.02	23	4.24p	11.44 l	7	0.48	4.53 l	23	1.25	4.51 l
8	0.19	4.45 l	24		5.01	8	1.43	5.22 l	24	2.44	5.18 l
9	0.45	5.23 l	25	0.47	5.37 l	9	2.35	5.48 l	25	3.56	5.46 l
10	1.06	5.58 l	26	2.02	6.10 l	10	3.23	6.12 l	26	5.07	6.15 l
11	1.30	6.30 l	27	3.19	6.42 l	11	4.13	6.34 l	27	6.18	6.43 l
12	2.15	7.01 l	28	4.37	7.15 l	12	5.06	6.55 l	28	7.30	7.12 l
13	3.22	7.31 l	29	5.54	7.46 l	13	6.02	7.17 l	29	8.50	7.43 l
14	4.20	7.59 l	30	7.14	8.17 l	14	7.05	7.36 l	30	10.27	8.15 l
15	5.29	8.24 l	31	8.42	8.48 l	15	8.14	7.52 l	31	12.15 p	8.51 l
16	6.48	8.48 l				16	9.40	8.08 l			

SEPTEMBER						OCTOBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	1.33pl	9.35	17	1.58pl	8.41	1	1.36p	10.32	17	1.36pl	11.39
2	2.26pl	10.46	18	2.34pl	10.54	2		2.14	18		2.05
3		3.06	19		3.03	3	0.14	2.42 l	19	1.23	2.29 l
4	0.05	3.38 l	20	0.40	3.30 l	4	1.28	3.06 l	20	2.44	2.53 l
5	1.15	4.06 l	21	2.07	3.54 l	5	2.27	3.25 l	21	3.50	3.17 l
6	2.10	4.29 l	22	3.18	4.18 l	6	3.17	3.41 l	22	4.50	3.42 l
7	3.01	4.49 l	23	4.25	4.44 l	7	4.06	3.56 l	23	5.46 l	4.06
8	3.48	5.08 l	24	5.29	5.10 l	8	4.53	4.11 l	24	6.40 l	4.29
9	4.36	5.26 l	25	6.31	5.36 l	9	5.40	4.24 l	25	7.36 l	4.49
10	5.26	5.43 l	26	7.36 l	6.03	10	6.31	4.32 l	26	8.35 l	5.39
11	6.19	5.59 l	27	8.46 l	6.29	11	7.25	4.38 l	27	9.40	
12	7.16	6.13 l	28	10.09 l	6.51	12	8.27	4.43 l	28	10.47	
13	8.22	6.23 l	29	11.36		13	9.42 l	4.56	29	11.47	
14	9.42	6.28 l	30		12.47	14	11.07 l	5.15	30	12.32 pl	10.09
15	11.29	6.46 l				15		12.17	31		1.07
16	1.06p	7.22*				16		1.03			

NOVEMBER						DECEMBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	0.08	1.33 l	17	2.06	1.26 l	1	1.41	12.27 l	17	3.44	12.52 l
2	1.36	1.53 l	18	3.18	1.52 l	2	2.52	12.44 l	18	4.34 l	1.23 l
3	2.40	2.10 l	19	4.17	2.17 l	3	3.46	1.00 l	19	5.16 l	1.54
4	3.32	2.25 l	20	5.08 l	2.43	4	4.31	1.15 l	20	5.56 l	2.23
5	4.20	2.38 l	21	5.56 l	3.08	5	5.14	1.30 l	21	6.34 l	2.49
6	5.05	2.50 l	22	6.42 l	3.29	6	5.57 l	1.51	22	7.12 l	3.29
7	5.52 l	3.00	23	7.28 l	3.38	7	6.40 l	2.22	23	7.47	
8	6.39 l	3.08	24	8.16		8	7.24 l	2.57	24	8.22	
9	7.30 l	3.24	25	9.04		9	8.09 l	3.35	25	8.55	
10	8.27 l	3.43	26	9.52		10	8.54 l	4.22	26	9.25 l	7.46
11	9.27 l	3.54	27	10.36		11	9.36 l	5.58	27	9.52 l	9.30
12	10.27		28	11.14 l	9.43	12	10.14 l	8.43	28	10.17 l	11.35
13	11.18		29	11.44 l	11.54	13	10.49 l	10.58	29	10.38	
14	11.57 l	10.13	30		12.08	14	11.20		30	1.50	10.56al
15		12.30				15	1.12	11.51al	31	3.00	11.13al
16	0.25	12.59 l				16	2.43 l	12.22 l			

HIGH WATER AT SEATTLE, WASH.

JANUARY					FEBRUARY						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	7.05	4.28	17	7.27	6.01	1	7.17	5.58	17	7.44	8.26
2	7.36	5.09	18	8.05	7.07	2	7.38	6.47	18	8.16	9.43
3	8.04	5.55	19	8.42	8.23	3	8.00	7.43	19	8.50	11.15
4	8.35	6.42	20	9.17	9.53	4	8.23	8.49	20	9.27	*
5	9.05	7.44	21	9.54	11.44	5	8.50	10.08	21	1.00	10.10al
6	9.32	9.00	22	10.33		6	9.19	11.41	22	2.22	11.00al
7	10.02	10.31	23	1.30	11.15al	7	9.55		23	3.22	12.12
8	10.33		24	2.50	12.00	8	1.31	10.41al	24	4.07	1.27
9	0.20	11.06al	25	3.49	12.48	9	2.55	11.42al	25	4.42	2.25
10	1.46	11.45al	26	4.34	1.42	10	3.49	12.56	26	5.10	3.13
11	3.02	12.25	27	5.13	2.27	11	4.32	1.58	27	5.30	3.56
12	3.59	1.15	28	5.44	3.11	12	5.08	3.11	28	5.48	4.33
13	4.46	2.14	29	6.13	3.51	13	5.41	4.13			
14	5.30	3.00	30	6.36	4.32	14	6.13	5.15			
15	6.10	3.50	31	6.56	5.13	15	6.44	6.15			
16	6.49	5.00				16	7.14	7.17			

MARCH					APRIL						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	6.04	5.20	17	6.21	7.22	1	5.40	6.56	17	6.21	9.15
2	6.20	6.05	18	6.50	8.23	2	6.05	7.48	18	7.01	10.19
3	6.39	6.53	19	7.20	9.28	3	6.31	8.46	19	7.41	11.28
4	7.00	7.45	20	7.52	10.45	4	7.02	9.56	20	8.35	
5	7.28	8.45	21	8.27		5	7.40	11.16	21	0.34	9.55a
6	7.50	9.58	22	0.15	9.14a	6	8.33		22	1.27	11.35a
7	8.21	11.26	23	1.35	10.28a	7	0.39	9.52a	23	2.06	1.00
8	9.02		24	2.34	11.56a	8	1.43	11.39a	24	2.34	2.08
9	1.11	10.02al	25	3.18	1.17	9	2.28	1.15	25	2.56	3.06
10	2.30	11.25a	26	3.50	2.20	10	3.04	2.37	26	3.13	3.55
11	3.19	12.56	27	4.13	3.12	11	3.35	3.47	27	3.31	4.43
12	3.57	2.17	28	4.30	3.58	12	4.03	4.48	28	3.53	5.28
13	4.28	3.26	29	4.44	4.42	13	4.30	5.42	29	4.18	6.14
14	4.57	4.29	30	5.00	5.25	14	4.54	6.35	30	4.45	7.02
15	5.25	5.28	31	5.19	6.09	15	5.26	7.25			
16	5.48	6.25				16	5.58	8.17			

MAY					JUNE						
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	5.16	7.55	17	6.22	9.53	1	6.23	9.40	17	7.58	10.25
2	5.49	8.51	18	7.11	10.43	2	7.31	10.28	18	9.13	10.54
3	6.33	9.55	19	8.16	11.29	3	8.57	11.12	19	10.37	11.21
4	7.23	10.59	20	9.33		4	10.38	11.53	20	12.03p	11.46
5	8.38	11.58	21	0.08	11.04a	5		12.25	21		1.27
6	10.13		22	0.40	12.31	6	0.29	2.03	22	0.16	2.39
7	0.47	12.02	23	1.07	1.50	7	1.05	3.20	23	0.48	3.41
8	1.28	1.41	24	1.30	2.55	8	1.39	4.23	24	1.29	4.35
9	2.03	3.02	25	1.55	3.50	9	2.12	5.15	25	1.55	5.24
10	2.35	4.09	26	2.21	4.41	10	2.44	6.00	26	2.48	6.11
11	3.05	5.05	27	2.51	5.28	11	3.19	6.42	27	3.34	6.56
12	3.34	5.54	28	3.24	6.16	12	3.54	7.22	28	4.28	7.41
13	4.05	6.41	29	3.59	7.05	13	4.34	8.02	29	5.28	8.24
14	4.35	7.26	30	4.42	7.56	14	5.15	8.40	30	6.33	9.05
15	5.08	8.12	31	5.28	8.48	15	6.01	9.18			
16	5.45	9.02				16	6.56	9.53			

HIGH WATER AT SEATTLE, WASH.

JULY						AUGUST					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	7.49	9.44 l	17	8.57	9.45 l	1	11.00	10.06 l	17	11.17	9.40 l
2	9.17	10.22 l	18	10.14	10.11 l	2	12.38p	10.48 l	18	12.47 p	10.25 l
3	10.55	10.58 l	19	11.37	10.41 l	3	2.03p	11.34 l	19	2.08 p	11.21 l
4	12.28 p	11.36 l	20	1.04 p	11.15 l	4		3.11	20		3.10
5		2.11	21	2.23 p	11.54 l	5	0.24	4.09 l	21	0.23	3.57 l
6	0.13 l	3.24	22		3.30	6	1.16	4.48 l	22	1.31	4.35 l
7	0.52 l	4.22	23	0.41 l	4.23	7	2.07	5.26 l	23	2.30	5.10 l
8	1.32	5.11 l	24	1.34	5.09 l	8	2.54	5.57 l	24	3.36	5.42 l
9	2.14	5.52 l	25	2.33	5.50 l	9	3.38	6.23 l	25	4.47	6.14 l
10	2.54	6.29 l	26	3.30	6.29 l	10	4.21	6.44 l	26	5.50	6.45 l
11	3.35	7.03 l	27	4.33	7.05 l	11	5.06	7.05 l	27	5.56	7.20 l
12	4.21	7.33 l	28	5.38	7.41 l	12	5.53	7.24 l	28	8.07	7.52 l
13	5.04	8.02 l	29	6.47	8.16 l	13	6.44	7.46 l	29	9.25	8.30 l
14	5.52	8.28 l	30	8.02	8.51 l	14	7.40	8.09 l	30	10.52	9.12 l
15	6.46	8.53 l	31	9.26	9.28 l	15	8.42	8.35 l	31	12.23 pl	10.02 l
16	7.47	9.19 l				16	9.55	9.04 l			

SEPTEMBER						OCTOBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	1.40 pl	11.03	17	1.45 pl	11.04	1		2.01	17		1.51
2		2.42	18		2.36	2	0.10	2.45 l	18	0.49	2.26 l
3	0.13	3.30 l	19	0.28	3.16 l	3	1.23	3.18 l	19	2.10	2.57 l
4	1.19	4.09 l	20	1.46	3.49 l	4	2.19	3.43 l	20	3.18	3.26 l
5	2.15	4.40 l	21	2.56	4.18 l	5	3.07	4.00 l	21	4.18	3.53 l
6	3.00	5.04 l	22	4.00	4.42 l	6	3.49	4.16 l	22	5.16	4.23 l
7	3.44	5.22 l	23	5.00	5.17 l	7	4.31	4.31 l	23	6.08 l	4.53
8	4.27	5.38 l	24	6.00	5.46 l	8	5.12	4.49 l	24	7.03 l	5.23
9	5.10	5.55 l	25	7.02	6.20 l	9	5.55	5.09 l	25	8.00 l	5.57
10	5.55	6.14 l	26	8.05 l	6.58	10	6.40	5.20 l	26	8.59 l	6.31
11	6.41	6.35 l	27	9.15 l	7.30	11	7.30*	5.55	27	10.06 l	7.14
12	7.34	7.00 l	28	10.33 l	8.13	12	8.28 l	6.28	28	11.16 l	8.18
13	8.32	7.26 l	29	11.55 l	9.13	13	9.36 l	7.05	29	12.18 pl	10.02
14	9.41	7.49 l	30	1.06 pl	10.38	14	10.54 l	7.57	30	1.08 pl	11.48
15	11.03	8.41 l				15	12.10 pl	9.22	31		1.44
16	12.32 pl	9.44				16	1.08 pl	11.15			

NOVEMBER						DECEMBER					
D	First	Second	D	First	Second	D	First	Second	D	First	Second
1	1.10	2.12 l	17	2.35	2.04 l	1	2.00	1.18 l	17	4.01	1.52 l
2	2.15	2.32 l	18	3.41	2.35 l	2	3.00	1.42 l	18	4.51 l	2.28
3	3.11	2.50 l	19	4.38	3.05 l	3	3.50	2.07 l	19	5.37 l	3.05
4	3.50	3.08 l	20	5.29 l	3.35	4	4.33	2.32 l	20	6.17 l	3.42
5	4.31	3.26 l	21	6.15 l	4.10	5	5.13 l	3.04	21	6.55 l	4.22
6	5.12	3.49 l	22	7.01 l	4.41	6	5.54 l	3.38	22	7.33 l	5.00
7	5.54 l	4.14	23	7.50 l	5.17	7	6.38 l	4.14	23	8.11 l	5.46
8	6.39 l	4.41	24	8.40 l	5.56	8	7.25 l	4.58	24	8.49 l	6.33
9	7.28 l	5.15	25	9.33 l	6.40	9	8.14 l	5.46	25	9.24 l	7.35
10	8.24 l	5.51	26	10.25 l	7.45	10	9.04 l	6.45	26	9.57 l	8.49
11	9.27 l	6.36	27	11.14 l	9.23	11	9.52 l	8.06	27	10.30 l	10.26
12	10.31 l	7.45	28	11.54 l	11.07	12	10.36 l	9.53	28	11.00	
13	11.30 l	9.32	29		12.27	13	11.18 l	11.50	29	0.06	11.30al
14	12.18 pl	11.31	30	0.47	12.53 l	14	11.58		30	1.39	12.00 l
15		12.57				15	1.38	12.38 l	31	2.56	12.33 l
16	1.14	1.33 l				16	3.00	1.15 l			

TO TELL THE TIME OF TIDES

Showing approximate difference between high water at points for which tide tables are furnished and places listed below.

SAN DIEGO—(La Playa)	San Pedro Channel
Local Time	
Mexico (West Coast)	Newport Landing + .16
Port Sihuatanejo.....— .39	Anaheim Landing + .14
Manzanillo— .22	San Pedro+ .08
Chamela or Perula	Santa Monica.....+ .10
Bay— .22	Santa Barbara Channel
San Blas— .21	Hueneme Light+ .08
Mazatlan— .14	San Buenaventura..+ .29
Gulf of California	Santa Barbara
Alata, Culiacan	Light+ .18
River+ .45	Gaviota+ .14
San Lorenzo Chan	Santa Barbara Islands
nel+ .13	Santa Catalina Har-
La Paz Harbor.....+ .18	bor, Catalina I...+ .01
San Lucas Bay.....+ 1.53	Conal Harbor, San
Guaymas Harbor....+ 2.08	Nicholas I.....— .03
Santa Teresa Bay..+ 2.28	Prisoner Harbor,
Puerto Refugio+ 3.28	Santa Cruz I.....+ .05
Tepoca Bay+ 4.23	Cuyler Harbor,
Colorado River	San Miguel I.....+ .03
Entrance+ 5.19	Lompoc Landing...+ .36
Lower California	Point Sal.....+ .44
(Outer Coast)	Point Sal.....+ .44
San Jose del Cabo— .46	San Luis Obispo...+ .59
Pequena Bay, Santa	Morro, Morro Bay + 1.13
Margarite I.....— 1.11	Cayucos, Estero
Magdalena Bay.....— 1.04	Bay+ 1.16
Cerros Island— .16	San Simeon+ 1.23
Playa Maria Bay...— .06	Oregon & Washington
Rosario Bay.....— .02	(Columbia River)
San Quentin Bay...+ .02	Cathlamet, Wash. + 5.12
Colnett Bay+ .06	Eagle Cliff, Wash. + 5.34
Ensenada, Todos	Oak Point, Wash. + 5.49
Santos Bay.....+ .09	Rinearson, Oreg. + 6.12
Time Meridian	Rainier, Oreg.....+ 6.25
120° W.	Kalama, Wash.....+ 6.55
California	St. Helen's Bar,
San Diego Bar.....— .03	Oreg.+ 7.56
San Juan Capi-	Willamotte River
strano+ .06	Entrance, Oreg. + 9.27
	Old Fort Van-
	couver, Wash.....+ 9.58

TO TELL THE TIME OF TIDES

SAN FRANCISCO—(Fort Point)

Time Meridian
120° W.

California, Outer Coast.	
Monterey Harbor	
Light	— .59
Santa Cruz Har-	
bor Light	— .47
Half Moon Bay.....	— .51
Southeast Farallon	
Light	— .57
San Francisco Bar.—	.01
San Francisco Bay,	
S. Portion	
Presidio	+ .04
Alcatraz Light	+ .11
San Francisco,	
North Beach.....	+ .26
San Francisco,	
Mission Street	+ .28
Goat Island (Yerba	
Buena Light).....	+ .28
Oakland Harbor....	+ .35
Point Avisadero.....	+ .32
Roberts Landing....	+ .50
Mt. Eden, Mt.	
Eden Slough.....	+ 1.18
Union City, Union	
City Creek.....	+ 1.39
San Mateo Point....	+ .45
Guano Island.....	+ .48
Coyote Hill Creek	
Entrance	+ 1.00
Johnson's Landing,	
Coyote Hill Creek	+ 1.24
Redwood City Creek	
Entrance	+ .56
Mayhew's Landing,	
Newark Slough....	+ 1.14
Ravenswood	+ .57
San Francisco Bay,	
N. Portion	
Lausalito	+ .05
Angel Island	+ .09
West Berkeley	+ .45
Point San Quentin	+ .58
The Brothers Light	+ 1.01

San Pablo Bay

McNears Landing	+ 1.02
Point Wilson	+ 1.40
Petaluma Point ...	+ 1.06
Sonoma Creek	
Entrance	+ 1.22

Carquinez Strait

Mare Island Light	+ 1.45
Wheatport	+ 1.55
Benicia	+ 2.20

Suisun Bay

Seal Bluff	+ 2.27
Suisun Creek En-	
trance	+ 2.39
Antioch, San Joa	
quin River	+ 3.54

Sacramento River

Collinsville	+ 3.21
Sacramento	+ 8.03

Outer Coast

Drakes Bay.....	— .04
Point Reyes	
Light	— .14
Tomales Bay	+ .23
Bodega Bay	— .18
Fort Ross	— .31
Point Arena Light	— .58
Navarro River	
Entrance	— .55
Little River	
Harbor	— 1.04
Mendocino Bay.....	— .59
Fort Bragg	
Landing	— .34
Westport	— .34
Shelter Cove.....	— .42
Cape Mendocino	
Bay	— .31

TO TELL THE TIME OF TIDES

ASTORIA—(Columbia R.)

Time Meridian 120° W.	
California Outer Coast	ment, Wash. — .17
Eel River Bar.....—1.28	Skeppernawin
Humboldt Bay Bar—1.05	Creek, Oreg. — .02
Red Bluff, Humboldt Bay — .59	Tongue Point, Oreg. + .19
Eureka, Humboldt Bay — .41	Marsh Island Creek, Oreg. + .41
Trinidad Harbor Light —1.11	Three Tree Point, Wash. + 1.03
Crescent City Light—1.05	Willapa Bay Entrance, Wash. — .14
Oregon	South Bend, Willapa Bay, Wash. + .21
Chetko Cove — .57	Oysterville, Willapa Bay, Wash. + .21
Rogue River — .55	Sealand, Willapa Bay, Wash. + .31
Port Orford —1.05	Grays Harbor Entrance, Wash. — .23
Bandon Coquille R.—1.05	Hoquiam, Grays Harbor, Wash. + .12
Coos Bay	Laidlaw, Grays Harbor, Wash. — .10
Coos Bay Bar..... — .43	Destruction Island, Wash. — .37
Empire ..... .00	Quillihute River, Wash. — .18
North Bend + .40	Cape Alava (Flattery Rocks), Wash. — .29
Marshfield + 1.51	Juan de Fuca Strait
Umpqua River	Cape Flattery Light, Tatoosh Island — .03
Bar at Entrance..... — .08	Neah Bay — .01
Gardiner + .14	Pysht River Ent. + 1.03
Outer Coast	British Columbia
Shadow River Ent — .30	Cape Beale Light, Barclay Sound — .14
Alseya Harbor Ent.— .38	Stamp Harbor + .34
Yaquina Bay and River Bar at Entrance... — .49	Clayoquot Sound — .16
Newport — .45	Hesquiat Harbor..... — .34
Yaquina City — .32	Nootka Sound — .23
Oysterville — .19	Esperanza Inlet — .32
Outer Coast	Kynquot Sound — .36
Nestugga Bay Ent.— .27	Ou-Ou-Kinsh Inlet— .38
Hobsonville, Tillamook Bay..... — .08	Klaskino Inlet — .48
Nehalem River Ent.— .31	Quatsino Sound Ent.— .47
Oregon on Washington* (Columbia River)	
Columbia River Bar, Oreg — .29	
Point Adams (Clatsop), Oreg — .09	
Cape Disappoint-	

*See also San Diego list.

TO TELL THE TIME OF TIDES

PORT TOWNSEND—(Puget Sound) Washington

Time Meridian	Saratoga Passage
120° W.	Holmes Harbor..... + .29
Juan de Fuca Strait	Coupeville + .32
Port Angeles -1.34	Skagit Bay
New Dungeness	Utsalady + .32
Light -1.04	La Conner + .37
Washington	Deception Pass..... + .17
Harbor - .40	Rosario Strait, Etc.
Port Discovery - .28	Burrows Bay, Allan
South Island Light - .07	Island + .16
Partridge Point..... - .01	Anacortes Fidalgo
Admiralty Inlet	Island + .14
Marrowstone Point + .09	Thatcher Pass,
Oak Bay + .11	Decatur Island .. + .38
Hood Canal	Peavine Pass Ob-
Port Ludlow + .13	struction Island + .41
Port Gamble + .15	Strawberry Bay,
Seabeck + .47	Cypress Island..... + .33
Union City + .32	Eagle Harbor,
Puget Sound	Cypress Island... + .43
Point No Point	Padilla Bay
Light + .19	Bayview + 1.02
Port Madison + .32	Hat Island + .42
West Point Light,	Bellingham Bay
Shilshole Bay + .33	William Point,
Seattle, Elliott Bay + .33	Samish Island + .47
Port Blakely + .37	Chuckanut Bay..... + .57
Bremerton, Port	Bellingham + .59
Orchard Naval	Lummi Bay
Sta. + .39	Point Migley..... + 1.03
Tacoma + .44	Sandy Point + 1.06
Steilacoom + .58	Georgia Strait
Dofflemyer Point,	Birch Bay + 1.09
Budd Inlet + 1.05	Drayton Harbor,
Olympia, Budd	Semiamoo Bay... + 1.12
Inlet + 1.09	San Juan Channel
Possession Sound and	Cattle Point, San
Port Susan	Juan Island - .18
Muckiltee + .15	Green Point,
Culalip + .31	Spieden Island ... - .03
Livingston Bay..... + .31	

TO TELL THE TIME OF TIDES

PORT TOWNSEND—(Puget Sound) Washington

Haro Strait		Gambler I., Howe	
Kanaka Bay, San		Sd.	+ 1.
Juan Island.....	— .16	Watts Point,	
Roche Harbor, San		Howe Sd.	+ 2.
Juan Island	— .10	Nanaimo Harbor,	
Turn Point, Stuart		Vancouver I.....	+ .
Island	+ .06	Nanoose Harbor,	
Alden Point, Patos		Vancouver I.....	+ 1.1
Island	+ .31	Pender Harbor,	
		Malaspina Strt.	+ 2.1
British Columbia		Port Augusta,	
*Esquimalt Harbor,		Vancouver I.....	+ 1.9
Vancouver I.....	+ 6.50	Baker Passage,	
*Victoria Harbor,		Hernando Is.	+ 2.0
Vancouver I.....	+ 6.39	Surge Narrows,	
*Discovery Island		Read Island	+ 2.0
Light	+ 8.32	Rendezvous Isla.	+ 3.03
Active Pass,		Stuart Is., Bute	
Mayne Island	+ 1.20	Inlet	+ 2.02
Cowichin Harbor,		Waddington Har-	
Vancouver I.....	+ 1.20	Bor, Bute Inlet	+ 3.16
Maple Bay, Van-		Gowland Har.,	
couver I.....	+ 1.26	Discovery Paa.	+ 1.08
Oyster Harbor,		Vancouver Island	
Vancouver I.....	+ 1.47	Southwest Coast	
North Sands Heads		Race Rocks Light,	
Light, Fraser R.	+ 1.26	Fuca Strait	— 1.59
Atkinson Point Lt.,		Sooke Inlet, Fuca	
Burrard Inlet.....	+ 1.35	Strait	— 2.16
Vancouver, Bur-		Jordan River,	
rard Inlet.....	+ 1.43	Fuca Strait	— 2.32
Port Graves,			

*As the tide is chiefly diurnal at these stations the differences should be applied only to the higher high-water at Port Townsend.



Eclipses

1930

There will be four eclipses this year, two of the Sun and two of the moon, as follows:

I. Partial of the moon, April 13th, very small. Begins 12.21 A. M. Middle, 12.58 A. M. Ends 1.36 A. M., Eastern Standard Time.

II. Central of the Sun, April 28. Partial phase will be more or less visible throughout the U. S. From near San Francisco to near Butte, Montana, the eclipse will be total, and annular from that point on into Canada. The duration of the total or annular phase will be very slight in the U. S. Begins 2.13 P. M. Ends 4.34 P. M., Eastern Standard Time.

III. Partial of the moon, Oct. 7th. Invisible in U. S.

IV. Total of the sun, Oct. 21st. Invisible in U. S.

THE PLANETS

MERCURY: Brightest as a morning star, Feb. 1-15, and Oct. 10-20. As an evening star, Jan. 1-16, April 10-20, and after Dec. 25th. Seen only in the twilight for about 1 hour, and invisible at all other times.

VENUS: Will be a morning star until Feb. 6th, and after Nov. 22nd, and an evening star from Feb. 6th to Nov. 22. Brightest for a few days before and after Oct. 18th and Dec. 28th, and invisible until middle of Feb. and Nov. 20-25th.

MARS: Will be a morning star after Oct. 27th and will not attain its greatest degree of brightness possible, within the year, but may be best seen at the end of the year, being invisible in Jan.

JUPITER: Will be a morning star from June 20th to Oct. 13th, and an evening star the remainder of the year. He will not reach his brightest point within the year but may be best seen at the beginning and end of the year, being invisible in June and July. He will shine nearly all night at the beginning and end of the year.

SATURN: Will be a morning star until April 2nd, and an evening star after that date. It will be brightest June 15th to July 15th and invisible in Jan. and Dec., shining about all night in June and July.

URANUS: Brightest Oct. 1st to 15th, but invisible.

NEPTUNE: Brightest in Feb., and always invisible.

January, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 7th	10 H. 11 M.	9 H. 11 M.	8 H. 11 M.
☾ Full Moon... 14th	5 H. 21 M.	4 H. 21 M.	3 H. 21 M.
☾ Last Quarter 21st	11 H. 7 M.	10 H. 7 M.	9 H. 7 M.
☾ New Moon... 29th	2 H. 7 M.	1 H. 7 M.	12 H. 7 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPt. 5
7 24	4 43	6 2	8 44	1	We.	7 30	4 38	6 57	12 2
7 24	4 44	7 4	9 18	2	Th.	7 30	4 38	6 59	12 42
7 24	4 44	8 7	9 48	3	Fri.	7 30	4 39	8 3	1 21
7 25	4 45	9 9	10 24	4	Sa.	7 30	4 40	9 6	2 1
7 25	4 46	10 11	10 59	5	S.	7 30	4 41	10 9	2 44
7 25	4 47	11 14	11 42	6	Mo.	7 30	4 42	11 13	3 28
7 25	4 48	morn	12 30	7	Tu.	7 30	4 43	morn	4 15
7 25	4 49	12 16	1 26	8	We.	7 29	4 44	12 17	5 7
7 24	4 50	1 23	2 31	9	Th.	7 29	4 45	1 25	6 4
7 24	4 51	2 34	3 41	10	Fri.	7 29	4 46	2 38	6 29
7 24	4 52	3 49	4 52	11	Sa.	7 29	4 47	3 51	7 26
7 24	4 53	5 7	5 57	12	S.	7 28	4 48	5 12	8 24
7 23	4 54	6 22	6 34	13	Mo.	7 28	4 50	6 28	9 22
7 23	4 55	rises	7 19	14	Tu.	7 27	4 51	rises	10 20
7 23	4 55	5 44	8 11	15	We.	7 27	4 52	5 59	11 16
7 22	4 57	7 7	9 3	16	Th.	7 27	4 53	7 3	12 11
7 22	4 59	8 26	9 55	17	Fri.	7 26	4 54	8 21	1 6
7 21	5 0	9 41	10 45	18	Sa.	7 26	4 55	9 40	1 59
7 21	5 1	10 53	11 42	19	S.	7 25	4 56	10 53	2 52
7 20	5 2	morn	12 40	20	Mo.	7 25	4 58	morn	3 48
7 20	5 3	12 1	1 42	21	Tu.	7 24	4 59	12 3	4 42
7 19	5 4	1 9	2 46	22	We.	7 23	5 0	1 11	5 39
7 18	5 6	2 15	3 48	23	Th.	7 23	5 2	2 19	6 3
7 18	5 7	3 21	4 46	24	Fri.	7 22	5 3	3 25	6 58
7 17	5 8	4 24	5 38	25	Sa.	7 21	5 4	4 30	7 53
7 16	5 9	5 23	6 24	26	S.	7 20	5 5	5 30	8 46
7 16	5 10	6 16	6 39	27	Mo.	7 19	5 7	6 23	9 34
7 15	5 12	7 2	7 17	28	Tu.	7 19	5 8	7 5	10 19
7 14	5 13	sets	7 51	29	We.	7 18	5 9	sets	11 1
7 13	5 14	5 59	8 22	30	Th.	7 17	5 10	5 55	11 41
7 12	5 15	7 2	8 53	31	Fri.	7 16	5 12	6 59	12 19

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 4 h.

Heavy squares, 12 noon to 12 midnight.

February, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 6TH	12 H 26 M.	11 H. 26 M.	10 H 26 M
☾ Full Moon.. 13TH	3 H. 39 M.	2 H. 39 M.	1 H 39 M
☾ Last Quarter 20TH	3 H 44 M.	2 H. 44 M.	1 H 44 M
☾ New Moon. 28TH	8 H 33 M.	7 H. 33 M.	6 H 33 M

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon r. & s.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon r. & s.	H.W. Boston CWPr.5
7 11	5 16	8 4	9 21	1	Sa.	7 15	5 13	8 2	12 57
7 10	5 18	9 6	9 51	2	S.	7 14	5 14	9 5	1 35
7 9	5 19	10 9	10 25	3	Mo.	7 13	5 15	10 9	2 15
7 8	5 20	11 13	11 4	4	Tu.	7 12	5 16	11 15	2 56
7 7	5 22	morn	11 50	5	We.	7 10	5 17	morn	3 42
7 6	5 23	12 20	12 45	6	Th.	7 9	5 18	12 23	4 33
7 5	5 24	1 31	1 53	7	Fri.	7 8	5 20	1 35	5 30
7 4	5 25	2 44	3 15	8	Sa.	7 7	5 21	2 49	6 33
7 3	5 26	3 58	4 40	9	S.	7 6	5 22	4 4	6 55
7 2	5 28	5 8	5 49	10	Mo.	7 4	5 24	5 14	8 0
7 0	5 29	6 8	6 50	11	Tu.	7 3	5 25	6 13	9 4
6 59	5 30	rises	7 10	12	We.	7 2	5 26	rises	10 7
6 58	5 32	5 55	8 1	13	Th.	7 1	5 27	5 52	11 4
6 57	5 33	7 15	8 51	14	Fri.	6 59	5 29	7 13	11 58
6 55	5 34	8 31	9 38	15	Sa.	6 58	5 30	8 30	12 51
6 54	5 35	9 43	10 27	16	S.	6 57	5 31	9 44	1 42
6 53	5 36	10 53	11 16	17	Mo.	6 55	5 33	10 56	2 33
6 51	5 38	morn	12 8	18	Tu.	6 54	5 34	morn	3 22
6 49	5 39	12 2	1 5	19	We.	6 52	5 35	12 6	4 13
6 47	5 40	1 10	2 11	20	Th.	6 51	5 36	1 14	5 7
6 46	5 41	2 15	3 18	21	Fri.	6 49	5 38	2 20	6 5
6 44	5 42	3 18	4 21	22	Sa.	6 48	5 39	3 24	6 22
6 44	5 43	4 13	5 17	23	S.	6 46	5 40	4 19	7 20
6 43	5 44	5 1	6 4	24	Mo.	6 45	5 41	5 7	8 17
6 42	5 46	5 41	6 45	25	Tu.	6 43	5 43	5 46	9 8
6 40	5 47	6 13	6 55	26	We.	6 42	5 45	6 18	9 55
6 39	5 48	6 41	7 28	27	Th.	6 40	5 46	6 45	10 37
6 37	5 49	sets	8 0	28	Fri.	6 39	5 48	sets	11 16

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

March, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 7th	11 H. 0 M.	10 H. 0 M.	9 H. 0 M.
☾ Full Moon... 14th	1 H. 58 M.	12 H. 58 M.	11 H. 58 M.
☾ Last Quarter 21st	10 H. 13 M.	9 H. 13 M.	8 H. 13 M.
☾ New Moon... 30th	12 H. 46 M.	11 H. 46(29)	10 H. 46(29)

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis. Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPv.5
6 36	5 50	6 59	8 28	1	Sa.	6 37	5 49	6 58	11 53
6 34	5 51	8 2	8 56	2	S.	6 35	5 50	8 2	12 30
6 32	5 53	9 6	9 25	3	Mo.	6 34	5 51	9 7	1 8
6 31	5 54	10 12	9 59	4	Tu.	6 32	5 53	10 15	1 47
6 29	5 55	11 21	10 38	5	We.	6 30	5 54	11 25	2 39
6 28	5 56	morn	11 23	6	Th.	6 29	5 55	morn	3 18
6 26	5 57	12 33	12 18	7	Fri.	6 27	5 56	12 38	4 10
6 25	5 58	1 46	1 30	8	Sa.	6 26	5 57	1 51	5 8
6 23	5 59	2 55	3 5	9	S.	6 24	5 58	3 1	6 14
6 21	6 0	3 56	4 34	10	Mo.	6 22	6 0	4 2	6 36
6 20	6 2	4 48	5 41	11	Tu.	6 21	6 1	4 53	7 45
6 18	6 3	5 29	6 38	12	We.	6 19	6 2	5 33	8 50
6 16	6 4	6 2	6 50	13	Th.	6 17	6 3	6 5	9 52
6 15	6 5	rises	7 46	14	Fri.	6 16	6 4	rises	10 47
6 13	6 6	7 17	8 33	15	Sa.	6 14	6 6	7 17	11 40
6 12	6 7	8 30	9 16	16	S.	6 13	6 7	8 32	12 29
6 10	6 8	9 42	10 4	17	Mo.	6 10	6 8	9 45	1 18
6 8	6 9	10 53	10 48	18	Tu.	6 8	6 9	10 57	2 7
6 7	6 10	morn	11 35	19	We.	6 7	6 10	morn	2 55
6 5	6 11	12 2	12 27	20	Th.	6 5	6 11	12 7	3 45
6 3	6 12	1 7	1 31	21	Fri.	6 3	6 12	1 13	4 37
6 2	6 13	2 6	2 42	22	Sa.	6 2	6 14	2 12	5 34
6 0	6 14	2 57	3 50	23	S.	6 0	6 15	3 3	6 33
5 58	6 15	3 40	4 46	24	Mo.	5 58	6 16	3 46	6 47
5 57	6 17	4 16	5 34	25	Tu.	5 56	6 17	4 21	7 44
5 55	6 18	4 45	6 16	26	We.	5 55	6 18	4 49	8 36
5 54	6 19	5 8	6 25	27	Th.	5 53	6 19	5 8	9 23
5 52	6 20	5 32	7 0	28	Fri.	5 51	6 20	5 34	10 4
5 50	6 21	5 53	7 31	29	Sat.	5 50	6 21	5 54	10 44
5 48	6 22	sets	8 2	30	S.	5 48	6 23	sets	11 22
5 47	6 23	8 3	8 32	31	Mo.	5 46	6 24	8 5	12 0

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.
Heavy figures, 12 noon to 12 midnight. 3-29

April, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 6TH	6 H. 25 M.	5 H. 25 M.	4 H. 25 M.
☽ Full Moon . . 13TH	12 H. 48 M.	11 H. 48 (12)	10 H. 48 (12)
☾ Last Quarter 20TH	5 H. 8 M.	4 H. 8 M.	3 H. 8 M.
☾ New Moon . . 28TH	2 H. 8 M.	1 H. 8 M.	12 H. 8 M.

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

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

May, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter. 5TH	11 h. 53 m.	10 h. 53 m.	9 h. 53 m.
☾ Full Moon. . 12TH	12 h. 29 m.	11 h. 29(11)	10 h. 29(11)
☾ Last Quarter 20TH	11 h. 22 m.	10 h. 22 m.	9 h. 22 m.
☾ New Moon. . 28TH	12 h. 37 m.	11 h. 37(27)	10 h. 37(27)

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon h. & s.	H.W. N Y Gv. Lal.			Sun rises	Sun sets	Moon h. & s.	H W Boston CWPr.5
5 0	6 55	10 39	9 30	1	Th.	4 56	6 58	10 45	1 1
4 58	6 56	11 46	10 18	2	Fri.	4 55	7 0	11 52	1 52
4 57	6 57	morn	11 11	3	Sa.	4 54	7 1	morn	2 47
4 56	6 58	12 43	12 17	4	S.	4 52	7 2	12 48	3 47
4 54	6 59	1 28	1 39	5	Mo.	4 51	7 3	1 33	4 50
4 53	7 0	2 5	2 59	6	Tu.	4 50	7 4	2 9	5 55
4 52	7 1	2 34	4 9	7	We.	4 48	7 5	2 37	6 16
4 51	7 2	3 0	5 7	8	Th.	4 47	7 6	3 1	7 19
4 50	7 3	3 23	6 0	9	Fri.	4 45	7 7	3 23	8 18
4 49	7 4	3 46	6 18	10	Sa.	4 45	7 8	3 45	9 13
4 48	7 5	4 9	7 2	11	S.	4 44	7 10	4 7	10 5
4 47	7 6	rises	7 55	12	Mo.	4 43	7 11	rises	10 52
4 46	7 7	8 33	8 38	13	Tu.	4 42	7 12	8 34	11 38
4 45	7 8	9 39	9 21	14	We.	4 40	7 13	9 45	12 24
4 44	7 9	10 39	10 2	15	Th.	4 39	7 14	10 45	1 10
4 43	7 10	11 30	10 43	16	Fri.	4 38	7 15	11 36	1 56
4 42	7 11	morn	11 26	17	Sa.	4 37	7 16	morn	2 46
4 41	7 12	12 12	12 14	18	S.	4 36	7 17	12 17	3 37
4 40	7 13	12 46	1 9	19	Mo.	4 35	7 18	12 51	4 29
4 39	7 14	1 14	2 9	20	Tu.	4 34	7 19	1 17	5 23
4 38	7 15	1 38	3 5	21	We.	4 34	7 20	1 41	6 12
4 37	7 16	2 0	3 57	22	Th.	4 33	7 21	2 2	6 26
4 37	7 17	2 21	4 43	23	Fri.	4 32	7 22	2 21	7 15
4 36	7 18	2 41	5 25	24	Sa.	4 31	7 23	2 40	8 2
4 35	7 19	3 2	5 37	25	S.	4 30	7 24	3 1	8 48
4 35	7 19	3 25	6 24	26	Mo.	4 30	7 24	3 23	9 33
4 34	7 20	3 54	7 10	27	Tu.	4 29	7 25	3 51	10 20
4 33	7 21	sets	7 55	28	We.	4 28	7 26	sets	11 5
4 33	7 22	9 33	8 41	29	Th.	4 28	7 27	9 39	11 54
4 32	7 23	10 36	9 31	30	Fr.	4 27	7 28	10 42	12 44
4 32	7 23	11 26	10 24	31	Sa.	4 26	7 29	11 31	1 39

The High Water is for the day; the night H. W. will be 14 h. earlier or later, and L. W. 4 h.

Heavy fog, 12 noon to 12 midnight.

June, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 3RD	4 H 56 M	3 H 56 M	2 H 56 M
☾ Full Moon . . 11TH	1 H 12 M	12 H 12 M	11 H 12 (10)
☾ Last Quarter 19TH	4 H 0 M	3 H 0 M	2 H 0 M
☾ New Moon . . 26TH	8 H 47 M	7 H 47 M	6 H 47 M

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon r. & s.	H.W. N. Y. Gv. Isl.			Sun rises	Sun sets	Moon r. & s.	H.W. Boston CWPr. 5
4 31	7 24	morn	11 22	1	S.	4 26	7 30	morn	2 38
4 31	7 25	12 6	12 27	2	Mo.	4 25	7 30	12 10	3 39
4 30	7 26	12 38	1 36	3	Tu.	4 25	7 31	12 41	4 41
4 30	7 26	1 6	2 43	4	We.	4 24	7 32	1 7	5 42
4 30	7 27	1 28	3 45	5	Th.	4 24	7 32	1 29	6 39
4 29	7 28	1 50	4 41	6	Fri.	4 24	7 33	1 50	7 4
4 29	7 28	2 14	5 34	7	Sa.	4 24	7 34	2 12	8 0
4 29	7 29	2 38	6 22	8	S.	4 23	7 34	2 35	8 53
4 28	7 30	3 5	6 47	9	Mo.	4 23	7 35	3 2	9 42
4 28	7 30	rises	7 35	10	Tu.	4 23	7 36	rises	10 28
4 28	7 31	8 28	8 19	11	We.	4 23	7 36	8 34	11 14
4 28	7 31	9 22	9 1	12	Th.	4 22	7 37	9 28	11 57
4 28	7 32	10 3	9 40	13	Fri.	4 22	7 37	10 14	12 42
4 28	7 32	10 45	10 21	14	Sa.	4 22	7 38	10 49	1 27
4 28	7 32	11 15	11 0	15	S.	4 22	7 38	11 19	2 14
4 28	7 33	11 42	11 40	16	Mo.	4 22	7 38	11 44	3 2
4 28	7 33	morn	12 22	17	Tu.	4 22	7 39	morn	3 50
4 28	7 34	12 3	1 7	18	We.	4 22	7 39	12 5	4 38
4 28	7 34	12 23	1 54	19	Th.	4 22	7 40	12 24	5 24
4 28	7 34	12 43	2 46	20	Fri.	4 22	7 40	12 43	6 11
4 28	7 34	1 3	3 38	21	Sa.	4 23	7 40	1 2	6 32
4 28	7 35	1 25	4 32	22	S.	4 23	7 40	1 24	7 22
4 29	7 35	1 51	5 25	23	Mo.	4 23	7 40	1 48	8 12
4 29	7 35	2 24	5 45	24	Tu.	4 23	7 41	2 20	9 2
4 29	7 35	3 5	6 46	25	We.	4 24	7 41	3 0	9 53
4 30	7 35	sets	7 43	26	Th.	4 24	7 41	sets	10 44
4 30	7 35	9 17	8 36	27	Fri.	4 24	7 41	9 22	11 36
4 30	7 35	10 3	9 30	28	Sa.	4 25	7 41	10 7	12 30
4 31	7 35	10 39	10 25	29	S.	4 25	7 41	10 42	1 26
4 31	7 35	11 8	11 22	30	Mo.	4 26	7 41	11 10	2 24

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

July, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 2ND	11 H. 3 M.	10 H. 3 M.	9 H. 3 M.
☾ Full Moon . . 10TH	3 H. 1 M.	2 H. 1 M.	1 H. 1 M.
☾ Last Quarter 18TH	6 H. 29 M.	5 H. 29 M.	4 H. 29 M.
☾ New Moon . . 25TH	3 H. 42 M.	2 H. 42 M.	1 H. 42 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MOON	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPt. 5
4 32	7 35	11 32	12 18	1	Tu.	4 26	7 41	11 33	3 22
4 32	7 35	11 56	1 18	2	We.	4 27	7 40	11 56	4 21
4 33	7 35	morn	2 17	3	Th.	4 27	7 40	morn	5 13
4 33	7 35	12 18	3 16	4	Fri.	4 28	7 40	12 17	6 14
4 34	7 34	12 41	4 13	5	Sa.	4 28	7 40	12 39	7 8
4 34	7 34	1 8	5 7	6	S.	4 29	7 40	1 5	7 42
4 35	7 34	1 39	5 35	7	Mo.	4 30	7 39	1 35	8 35
4 36	7 34	2 16	6 27	8	Tu.	4 30	7 39	2 11	9 24
4 36	7 33	3 0	7 15	9	We.	4 31	7 39	2 55	10 10
4 37	7 33	rises	7 58	10	Th.	4 32	7 38	rises	10 52
4 38	7 32	8 45	8 39	11	Fri.	4 32	7 38	8 50	11 34
4 38	7 32	9 18	9 17	12	Sa.	4 33	7 37	9 22	12 17
4 39	7 32	9 44	9 55	13	S.	4 34	7 37	9 47	12 58
4 40	7 31	10 7	10 29	14	Mo.	4 35	7 37	10 9	1 39
4 40	7 30	10 23	11 4	15	Tu.	4 35	7 36	10 29	2 22
4 41	7 30	10 47	11 35	16	We.	4 36	7 35	10 47	3 5
4 42	7 29	11 7	12 12	17	Th.	4 37	7 34	11 4	3 48
4 43	7 29	11 26	12 56	18	Fri.	4 38	7 33	11 25	4 34
4 44	7 28	11 50	1 45	19	Sa.	4 39	7 33	11 48	5 22
4 44	7 28	morn	2 42	20	S.	4 40	7 32	morn	6 12
4 45	7 27	12 18	3 46	21	Mo.	4 40	7 31	12 15	7 5
4 46	7 26	12 54	4 51	22	Tu.	4 41	7 30	12 50	7 42
4 47	7 26	1 40	5 55	23	We.	4 42	7 30	1 35	8 39
4 48	7 25	2 41	6 29	24	Th.	4 43	7 29	2 36	9 34
4 49	7 24	sets	7 31	25	Fri.	4 44	7 28	sets	10 24
4 50	7 23	8 33	8 25	26	Sa.	4 45	7 27	8 37	11 21
4 51	7 22	9 6	9 20	27	S.	4 46	7 26	9 9	12 15
4 52	7 21	9 34	10 14	28	Mo.	4 47	7 25	9 25	1 9
4 52	7 20	9 58	11 5	29	Tu.	4 48	7 24	9 58	2 2
4 53	7 19	10 21	11 59	30	We.	4 49	7 23	10 29	2 56
4 54	7 18	10 45	12 52	31	Th.	4 50	7 22	10 43	3 51

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.
Heavy figures, 11 noon to 12 midnight.

August, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ First Quarter 1ST	7 H 26 M	6 H 26 M	5 H 26 M
☾ Full Moon .. 9TH	5 H 58 M	4 H 58 M	3 H 58 M
☾ Last Quarter. 17TH	6 H 31 M	5 H 31 M	4 H 31 M
☾ New Moon.. 23RD	10 H 37 M	9 H 37 M	8 H 37 M
☾ First Quarter 30TH	6 H 57 M	5 H 57 M	4 H 57 M

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon r. & s.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon r. & s.	H.W. Boston CWPr.5
4 55	7 16	11 11	1 47	1	Fri.	4 51	7 21	11 8	4 47
4 56	7 15	11 40	2 47	2	Sa.	4 52	7 19	11 36	5 44
4 57	7 14	morn	3 45	3	S.	4 53	7 18	morn	6 41
4 58	7 13	12 16	4 42	4	Mo.	4 54	7 17	12 11	7 23
4 59	7 12	12 58	5 36	5	Tu.	4 55	7 16	12 52	8 18
5 0	7 11	1 46	6 24	6	We.	4 56	7 15	1 41	9 9
5 1	7 10	2 44	6 52	7	Th.	4 57	7 13	2 39	9 54
5 2	7 8	rises	7 36	8	Fri.	4 58	7 12	rises	10 35
5 3	7 7	7 48	8 13	9	Sa.	4 59	7 11	7 52	11 13
5 4	7 6	8 12	8 48	10	S.	5 0	7 9	8 14	11 49
5 5	7 5	8 33	9 22	11	Mo.	5 2	7 8	8 34	12 26
5 6	7 3	8 52	9 52	12	Tu.	5 3	7 7	8 53	1 2
5 7	7 2	9 12	10 20	13	We.	5 4	7 5	9 11	1 40
5 8	7 1	9 31	10 52	14	Th.	5 5	7 4	9 30	2 19
5 9	6 59	9 53	11 28	15	Fri.	5 6	7 2	9 51	3 0
5 10	6 58	10 18	12 12	16	Sa.	5 7	7 1	10 15	3 45
5 11	6 56	10 49	1 2	17	S.	5 8	6 59	10 45	4 35
5 12	6 55	11 29	2 3	18	Mo.	5 9	6 58	11 24	5 33
5 13	6 54	morn	3 14	19	Tu.	5 10	6 56	morn	6 34
5 14	6 52	12 21	4 29	20	We.	5 11	6 55	12 15	7 17
5 15	6 51	1 27	5 37	21	Th.	5 12	6 53	1 21	8 20
5 16	6 49	2 44	6 38	22	Fri.	5 13	6 52	2 39	9 18
5 17	6 48	4 6	7 14	23	Sa.	5 14	6 50	4 2	10 14
5 18	6 46	sets	8 8	24	S.	5 15	6 49	sets	11 5
5 19	6 45	7 57	9 1	25	Mo.	5 16	6 47	7 58	11 55
5 20	6 43	8 21	9 50	26	Tu.	5 18	6 46	8 21	12 45
5 21	6 42	8 46	10 39	27	We.	5 19	6 44	8 45	1 34
5 22	6 40	9 12	11 30	28	Th.	5 20	6 42	9 9	2 24
5 23	6 39	9 40	12 22	29	Fri.	5 21	6 41	9 37	3 16
5 24	6 37	10 15	1 18	30	Sa.	5 22	6 39	10 11	4 11
5 25	6 35	10 54	2 17	31	S.	5 23	6 37	10 49	5 10

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

September, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Full Moon... 7TH	9 H. 48 M.	8 H. 48 M.	7 H. 48 M.
☾ Last Quarter 15TH	4 H. 13 M.	3 H. 13 M.	2 H. 13 M.
☽ New Moon... 22ND	6 H. 42 M.	5 H. 42 M.	4 H. 42 M.
☽ First Quarter 29TH	9 H. 58 M.	8 H. 58 M.	7 H. 58 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				H HOURS OF MORNING	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H. W. N. Y. C. & I.			Sun rises	Sun sets	Moon R. & S.	H. W. Boston C. W. P. S.
5 26	6 34	11 42	3 17	1	Mo.	5 24	6 38	11 36	6 12
5 27	6 32	morn	4 17	2	Tu.	5 25	6 34	morn	7 1
5 28	6 31	12 37	5 10	3	We.	5 26	6 32	12 31	8 3
5 29	6 29	1 36	5 59	4	Th.	5 27	6 30	1 31	8 54
5 30	6 27	2 39	6 26	5	Fri.	5 28	6 29	2 34	9 37
5 31	6 26	3 42	7 6	6	Sa.	5 29	6 27	3 39	10 14
5 32	6 24	rises	7 41	7	S.	5 30	6 25	rises	10 43
5 33	6 22	6 53	8 13	8	Mo.	5 31	6 24	6 59	11 21
5 34	6 21	7 17	8 43	9	Tu.	5 32	6 22	7 17	11 54
5 35	6 19	7 37	9 11	10	We.	5 33	6 20	7 34	12 27
5 36	6 17	7 57	9 40	11	Th.	5 34	6 18	7 55	1 1
5 37	6 16	8 21	10 14	12	Fri.	5 36	6 17	8 18	1 37
5 38	6 14	8 52	10 53	13	Sa.	5 37	6 15	8 48	2 17
5 39	6 12	9 25	11 37	14	S.	5 38	6 13	9 29	3 4
5 40	6 11	10 11	12 32	15	Mo.	5 39	6 11	10 6	3 58
5 41	6 9	11 10	1 38	16	Tu.	5 40	6 10	11 4	5 1
5 42	6 7	morn	2 56	17	We.	5 41	6 8	morn	6 11
5 42	6 6	12 19	4 14	18	Th.	5 42	6 6	12 14	6 57
5 43	6 4	1 37	5 29	19	Fri.	5 43	6 4	1 33	8 4
5 44	6 2	3 0	6 20	20	Sa.	5 44	6 2	2 56	9 3
5 45	6 0	4 20	6 55	21	S.	5 45	6 1	4 18	9 56
5 46	5 59	sets	7 48	22	Mo.	5 46	5 59	sets	10 45
5 47	5 57	6 45	8 25	23	Tu.	5 47	5 57	6 44	11 33
5 48	5 55	7 9	9 22	24	We.	5 48	5 55	7 7	12 14
5 49	5 54	7 37	10 10	25	Th.	5 49	5 54	7 34	1 5
5 50	5 52	8 9	10 58	26	Fri.	5 50	5 52	8 5	1 52
5 51	5 50	8 48	11 49	27	Sa.	5 51	5 50	8 43	2 41
5 52	5 49	9 34	12 43	28	S.	5 52	5 48	9 28	3 33
5 53	5 47	10 28	1 46	29	Mo.	5 54	5 47	10 22	4 31
5 54	5 45	11 27	2 48	30	Tu.	5 55	5 45	11 22	5 37

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.
Heavy figures, 12 noon to 12 midnight. 7-27

October, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☉ Full Moon.. 7TH	1 H. 56 M.	12 H. 56 M.	11 H. 56 M.
☾ Last Quarter 15TH	12 H. 12 M.	11 H. 12(14)	10 H. 12(14)
☽ New Moon.. 21ST	4 H. 48 M.	3 H. 48 M.	2 H. 48 M.
☽ First Quarter 29TH	4 H. 22 M.	3 H. 22 M.	2 H. 22 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Cv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
5 55	5 44	morn	3 45	1	We.	5 56	5 43	morn	6 30
5 56	5 42	12 29	4 38	2	Th.	5 57	5 41	12 24	7 33
5 57	5 40	1 33	5 23	3	Fri.	5 58	5 40	1 29	8 28
5 58	5 39	2 36	6 6	4	Sa.	5 59	5 38	2 33	9 8
6 0	5 37	3 38	6 30	5	S.	6 0	5 36	3 36	9 43
6 1	5 35	4 39	7 4	6	Mo.	6 1	5 34	4 38	10 16
6 2	5 34	rises	7 35	7	Tu.	6 2	5 33	rises	10 49
6 3	5 32	6 2	8 4	8	We.	6 4	5 31	6 1	11 21
6 4	5 31	6 25	8 33	9	Th.	6 5	5 29	6 22	11 53
6 5	5 29	6 52	9 5	10	Fri.	6 6	5 28	6 48	12 28
6 6	5 27	7 26	9 41	11	Sa.	6 7	5 26	7 21	1 5
6 7	5 26	8 8	10 24	12	S.	6 8	5 24	8 3	1 47
6 8	5 24	9 2	11 15	13	Mo.	6 9	5 23	8 56	2 36
6 9	5 23	10 7	12 14	14	Tu.	6 11	5 21	10 1	3 33
6 10	5 21	11 20	1 25	15	We.	6 12	5 20	11 15	4 40
6 11	5 20	morn	2 46	16	Th.	6 13	5 18	morn	5 53
6 12	5 18	12 38	4 0	17	Fri.	6 14	5 16	12 34	6 41
6 14	5 17	1 53	5 3	18	Sa.	6 15	5 15	1 54	7 46
6 15	5 15	3 14	6 7	19	S.	6 16	5 13	3 13	8 43
6 16	5 14	4 31	6 34	20	Mo.	6 18	5 12	4 31	9 36
6 17	5 12	5 46	7 22	21	Tu.	6 19	5 10	5 47	10 24
6 18	5 11	sets	8 8	22	We.	6 20	5 8	sets	11 9
6 19	5 9	6 5	8 54	23	Th.	6 21	5 7	6 1	11 53
6 20	5 8	6 41	9 39	24	Fri.	6 22	5 6	6 36	12 33
6 21	5 7	7 24	10 25	25	Sa.	6 24	5 4	7 19	1 22
6 22	5 5	8 16	11 15	26	S.	6 25	5 3	8 10	2 9
6 24	5 4	9 14	12 9	27	Mo.	6 26	5 1	9 8	2 59
6 25	5 3	10 17	1 7	28	Tu.	6 27	5 0	10 12	3 55
6 26	5 2	11 20	2 3	29	We.	6 28	4 59	11 16	4 55
6 27	5 1	morn	3 5	30	Th.	6 30	4 57	morn	6 0
6 28	4 59	12 23	3 56	31	Fri.	6 31	4 56	12 20	6 47

The High Water is for the day; the night H. W. will be 12 h.
earlier or later, and L. W. 6 h.
Heavy figures, 12 noon to 12 midnight. 10-30

November, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☉ Full Moon... 6TH	5 H. 28 M.	4 H. 28 M.	3 H. 28 M.
☾ Last Quarter 13TH	7 H. 27 M.	6 H. 27 M.	5 H. 27 M.
☽ New Moon... 20TH	5 H. 21 M.	4 H. 21 M.	3 H. 21 M.
☽ First Quarter 28TH	1 H. 18 M.	12 H. 18 M.	11 H. 18 (27)

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Cv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr. 5
6 29	4 57	1 26	4 41	1	Sa.	6 32	4 54	1 24	7 39
6 31	4 56	2 27	5 22	2	S.	6 34	4 53	2 26	8 24
6 32	4 55	3 29	6 0	3	Mo.	6 35	4 52	3 29	9 3
6 33	4 54	4 31	6 25	4	Tu.	6 36	4 51	4 32	9 38
6 34	4 53	5 36	6 57	5	We.	6 37	4 50	5 35	10 14
6 35	4 52	rises	7 29	6	Th.	6 38	4 48	rises	10 48
6 36	4 51	5 26	8 2	7	Fri.	6 40	4 47	5 22	11 34
6 38	4 50	6 6	8 39	8	Sa.	6 41	4 46	6 1	12 2
6 39	4 48	6 57	9 21	9	S.	6 42	4 45	6 51	12 39
6 40	4 47	7 59	10 9	10	Mo.	6 43	4 44	7 53	1 30
6 41	4 46	9 10	11 2	11	Tu.	6 45	4 43	9 5	2 22
6 42	4 45	10 27	12 5	12	We.	6 46	4 42	10 22	3 21
6 44	4 45	11 43	1 19	13	Th.	6 47	4 41	11 40	4 26
6 45	4 44	morn	2 34	14	Fri.	6 48	4 40	morn	5 35
6 46	4 43	12 59	3 43	15	Sa.	6 50	4 39	12 57	6 21
6 47	4 42	2 14	4 45	16	S.	6 51	4 38	2 13	7 22
6 48	4 41	3 26	5 42	17	Mo.	6 52	4 37	3 27	8 20
6 49	4 40	4 40	6 34	18	Tu.	6 53	4 36	4 41	9 12
6 50	4 40	5 54	7 0	19	We.	6 55	4 36	5 57	10 0
6 52	4 39	sets	7 44	20	Th.	6 56	4 35	sets	10 46
6 53	4 38	5 15	8 28	21	Fri.	6 57	4 34	5 10	11 30
6 54	4 38	6 4	9 12	22	Sa.	6 58	4 33	5 58	12 14
6 55	4 37	7 6	9 55	23	S.	7 0	4 33	6 54	12 58
6 56	4 36	8 1	10 41	24	Mo.	7 1	4 32	7 56	1 44
6 58	4 36	9 6	11 28	25	Tu.	7 2	4 31	9 1	2 31
6 59	4 35	10 10	12 19	26	We.	7 3	4 31	10 6	3 21
7 0	4 35	11 13	1 13	27	Th.	7 4	4 30	11 10	4 13
7 1	4 34	morn	2 7	28	Fri.	7 5	4 30	morn	5 9
7 2	4 34	12 14	3 0	29	Sa.	7 6	4 30	12 13	6 5
7 3	4 34	1 15	3 48	30	S.	7 8	4 29	1 14	6 42

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

December, 1930

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Full Moon... 5TH	7 H. 40 M.	6 H. 40 M.	5 H. 40 M.
☾ Last Quarter 12TH	3 H. 7 M.	2 H. 7 M.	1 H. 7 M.
☽ New Moon 19TH	8 H. 24 M.	7 H. 24 M.	6 H. 24 M.
☽ First Quarter 27TH	10 H. 59 M.	9 H. 59 M.	8 H. 59 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	sun Sets	Moon R. & S.	H.W. N.Y. Gv. Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
7 4	4 33	2 16	4 34	1	Mo.	7 9	4 29	2 17	7 29
7 5	4 33	3 19	5 18	2	Tu.	7 10	4 28	3 21	8 13
7 6	4 33	4 26	6 1	3	We.	7 11	4 28	4 29	8 55
7 7	4 33	5 35	6 24	4	Th.	7 12	4 28	5 39	9 36
7 8	4 32	rises	7 1	5	Fri.	7 13	4 28	rises	10 17
7 9	4 32	4 48	7 42	6	Sa.	7 14	4 28	4 42	10 59
7 10	4 32	5 48	8 25	7	S.	7 15	4 27	5 42	11 45
7 11	4 32	6 58	9 12	8	Mo.	7 16	4 27	6 53	12 32
7 12	4 32	8 15	10 2	9	Tu.	7 17	4 27	8 11	1 22
7 13	4 32	9 33	10 57	10	We.	7 18	4 27	9 30	2 13
7 14	4 32	10 50	11 58	11	Th.	7 18	4 27	10 48	3 13
7 14	4 33	morn	1 7	12	Fri.	7 19	4 28	morn	4 14
7 15	4 33	12 4	2 19	13	Sa.	7 20	4 28	12 3	5 18
7 16	4 33	1 16	3 26	14	S.	7 21	4 28	1 16	5 51
7 17	4 33	2 27	4 28	15	Mo.	7 22	4 28	2 29	6 57
7 17	4 33	3 39	5 25	16	Tu.	7 22	4 28	3 42	7 53
7 18	4 34	4 52	6 18	17	We.	7 23	4 29	4 56	8 47
7 19	4 34	6 4	6 41	18	Th.	7 24	4 29	6 9	9 37
7 19	4 34	7 13	7 25	19	Fri.	7 25	4 29	7 19	10 25
7 20	4 35	sets	8 8	20	Sa.	7 25	4 29	sets	11 11
7 20	4 35	5 47	8 49	21	S.	7 26	4 30	5 42	11 56
7 21	4 36	6 51	9 29	22	Mo.	7 26	4 30	6 46	12 40
7 21	4 36	7 56	10 8	23	Tu.	7 27	4 31	7 52	1 22
7 22	4 37	9 0	10 46	24	We.	7 27	4 32	8 57	2 5
7 22	4 38	10 2	11 24	25	Th.	7 28	4 32	10 00	2 50
7 23	4 38	11 3	12 5	26	Fri.	7 28	4 33	11 2	3 35
7 23	4 39	morn	12 51	27	Sa.	7 28	4 34	morn	4 23
7 23	4 39	12 3	1 43	28	S.	7 29	4 34	12 3	5 13
7 24	4 40	1 4	2 40	29	Mo.	7 29	4 35	1 5	6 1
7 24	4 41	2 7	3 39	30	Tu.	7 29	4 36	2 9	6 32
7 24	4 42	3 15	4 36	31	We.	7 29	4 36	3 18	7 21

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

Barometer

A RISING BAROMETER.

A rapid rise indicates unsettled weather.

A gradual rise indicates settled weather.

A rise with dry air and cold increasing in summer indicates wind from the northward; and if rain has fallen, better weather may be expected.

A rise with moist air and a low temperature indicates wind and rain from the northward.

A rise with southerly winds indicates fine weather.

A STEADY BAROMETER.

With dry air and seasonable temperature indicates a continuance of very fine weather.

A FALLING BAROMETER.

A rapid fall indicates stormy weather.

A rapid fall with a westerly wind indicates stormy weather from the northward.

A fall with a northerly wind indicates storm, with rain and hail in summer, and snow in winter.

A fall with increased moisture in the air, and heat increasing, indicates wind and rain from the southward.

A fall with dry air and cold increasing in winter indicates snow.

A fall after very calm and warm weather indicates rain with squally weather.

To Tell Time of Tide

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

	H. M.		H.M.
Albany, N. Y.....	+ 9.31	New Bedford, Mass..	+ 0.10
Annapolis, Md.....	+ 8.57	Newburyport, Mass..	+ 3.29
Asbury Park, N. J.....	- 0.37	New Haven, Conn. ..	+ 3.1
Atlantic City, N. J....	- 0.29	New London, Conn..	+ 1.22
Baltimore, Md.....	+10.52	Newport, R. I.....	- 0.22
Bar Harbor, Me.....	+ 2.50	Norfolk, Va.....	+ 0.56
Beaufort, S. C.....	- 0.9	Norwich, Conn.....	+ 2.5
Block Island, R. I. ..	- 0.34	Ocean Grove, N. J....	- 0.37
Boston, Mass.....	+ 3.22	Old P. Comfort, Va..	+ 0.37
Bridgeport, Conn.....	+ 3.4	Philadelphia, Pa.....	+ 5.37
Bristol, R. I.....	- 0.12	Plymouth, Mass.....	+ 3.12
Brooklyn Navy Yard.	+ 0.40	Point Lookout, Md. .	+ 4.49
Cape May, N. J.....	+ 0.12	Portland, Me.....	+ 3.10
Charleston, S. C.....	- 0.43	Portsmouth, N. H....	+ 3.16
City Island, N. Y.....	+ 3.2	Poughkeepsie, N. Y. .	+ 4.27
Coney Island, N. Y... .	- 0.20	Providence, R. I.....	+ 0.7
Eastport, Me.....	+ 3.1	Richmond, Va.....	+ 8.47
Fernandina, Fla.	- 0.19	Rockaway, N. Y.....	- 0.28
Glen Cove, L. I.....	+ 3.5	Rockland, Me.....	+ 2.55
Gloucester, Mass.....	+ 2.57	Rockport, Mass.....	+ 2.50
Hell Gate Ferry, East		Salem, Mass.....	+ 3.5
River, N. Y.....	+ 1.53	Sandy Hook, N. J....	- 0.32
Isle of Shoals.....	+ 3.11	Savannah, Ga.....	+ 0.20
Jacksonville, Fla.....	+ 0.56	Southport (Smithville),	
Key West, Fla.....	+ 0.55	N. C.....	- 0.43
League Island, Pa... .	+ 5.12	Stamford, Conn.....	+ 2.59
Long Branch, N. J....	- 0.38	Vineyard Haven, Mass.	+ 3.35
Marblehead, Mass... .	+ 3.4	Washington, D.C. ...	+11.54
Nahant, Mass.....	+ 3.2	Watch Hill, R. I. ...	+ 0.53
Nantucket, Mass.....	+ 4.31	West Point, N. Y. ...	+ 2.55
Newark, N. J.	+ 0.54	Wilmington, N. C....	+ 0.59

Interest Tables

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

5%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	23	2.23
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO..	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR..	5	10	15	20	25	30	35	40	45	50	5.00	50.00

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

Rules for Computing Interest

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents, point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Four per Cent.—Multiply the principal by the number of days to run, and divide by 90.

Five per Cent.—Multiply by number of days, and divide by 72.

Six per Cent.—Multiply by number of days, and divide by 60.

Seven per Cent.—Multiply by number of days, and divide by 52.

Eight per Cent.—Multiply by number of days, and divide by 45.

Nine per Cent.—Multiply by number of days, and divide by 40.

Ten per Cent.—Multiply by number of days, and divide by 36.

Twelve per Cent.—Multiply by number of days, and divide by 30.

Fifteen per Cent.—Multiply by number of days, and divide by 24.

Eighteen per Cent.—Multiply by number of days, and divide by 20.

Twenty per Cent.—Multiply by number of days, and divide by 18.

Twenty-four per Cent.—Multiply by number of days, and divide by 15.

Rate of Income on Stocks

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

Paid.	3%	4%	5%	6%	7%	8%	9%
\$50	6.00	8.00	10.00	12.00	14.00	16.00	18.00
55	5.45	7.27	9.09	10.90	12.72	14.55	16.36
60	5.00	6.67	8.33	10.00	11.66	13.33	15.00
65	4.62	6.15	7.69	9.23	10.76	12.30	13.85
70	4.28	5.71	7.14	8.57	10.00	11.42	12.85
75	4.00	5.33	6.66	8.00	9.33	10.66	12.00
80	3.75	5.00	6.25	7.50	8.75	10.00	11.25
85	3.53	4.70	5.88	7.05	8.23	9.41	10.58
90	3.33	4.44	5.55	6.66	7.77	8.88	10.00
91	3.30	4.40	5.49	6.59	7.69	8.79	9.89
92	3.26	4.34	5.43	6.52	7.60	8.70	9.78
93	3.23	4.30	5.38	6.45	7.53	8.60	9.68
94	3.19	4.26	5.32	6.38	7.45	8.51	9.57
95	3.15	4.21	5.26	6.31	7.36	8.42	9.47
96	3.13	4.17	5.21	6.25	7.29	8.33	9.38
97	3.09	4.12	5.15	6.18	7.22	8.25	9.28
98	3.06	4.08	5.10	6.12	7.14	8.16	9.18
99	3.03	4.04	5.05	6.06	7.07	8.08	9.09
101	2.97	3.96	4.95	5.94	6.93	7.92	8.91
102	2.94	3.92	4.90	5.88	6.86	7.84	8.82
103	2.91	3.88	4.85	5.83	6.80	7.77	8.74
104	2.88	3.85	4.81	5.77	6.73	7.69	8.65
105	2.86	3.80	4.76	5.71	6.66	7.61	8.57
106	2.83	3.77	4.72	5.66	6.60	7.55	8.49
107	2.80	3.74	4.67	5.61	6.54	7.48	8.41
108	2.78	3.70	4.63	5.56	6.48	7.41	8.33
109	2.75	3.67	4.59	5.50	6.42	7.34	8.26
110	2.72	3.63	4.54	5.45	6.36	7.27	8.18
120	2.50	3.33	4.16	5.00	5.83	6.66	7.50

Weekly Table of Wages

Week	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours	1 day	2 days	3 days	4 days	5 days	6 days
10.00	19	37	56	74	92	1.11	1.67	3.33	5.00	6.67	8.33	10.00
12.00	22	44	67	89	1.11	1.33	2.00	4.00	6.00	8.00	10.00	12.00
14.00	26	52	78	1.04	1.48	1.56	2.33	4.67	7.00	9.33	11.67	14.00
16.00	30	59	89	1.19	1.57	1.78	2.67	5.34	8.00	10.67	13.34	16.00
17.00	31	63	94	1.26	1.67	1.89	2.83	5.67	8.50	11.33	14.17	17.00
18.00	33	67	1.00	1.33	1.75	2.00	3.00	6.00	9.00	12.00	15.00	18.00
19.00	35	70	1.05	1.40	1.85	2.11	3.17	6.34	9.50	12.67	15.84	19.00
20.00	37	74	1.11	1.48	1.94	2.22	3.34	6.67	10.00	13.34	16.67	20.00
21.00	39	78	1.17	1.55	2.03	2.33	3.50	7.00	10.50	14.00	17.50	21.00
22.00	41	82	1.22	1.63	2.13	2.44	3.67	7.33	11.00	14.67	18.34	22.00
23.00	43	85	1.28	1.70	2.22	2.55	3.83	7.67	11.50	15.33	19.17	23.00
24.00	45	89	1.33	1.78	2.32	2.67	4.00	8.00	12.00	16.00	20.00	24.00
25.00	46	93	1.39	1.85	2.40	2.78	4.17	8.33	12.50	16.67	20.84	25.00
26.00	48	96	1.44	1.92	2.50	2.88	4.33	8.67	13.00	17.33	21.67	26.00
27.00	50	1.00	1.50	2.00	2.60	3.00	4.50	9.00	13.50	18.00	22.50	27.00
28.00	52	1.04	1.56	2.08	2.69	3.12	4.67	9.34	14.00	18.67	23.34	28.00
29.00	54	1.07	1.61	2.15	2.78	3.23	4.83	9.67	14.50	19.33	24.17	29.00
30.00	56	1.11	1.67	2.22	2.83	3.33	5.00	10.00	15.00	20.00	25.00	30.00

This table is based upon the usual calculation of 9 hours a day.

Weights = Measures

MEASURES OF WEIGHT.—*Avoirdupois*: 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy*: 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries'*: 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric*: 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

MEASURES OF LENGTH.—*Customary*: 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric*: 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

SURFACE OR SQUARE MEASURE.—*Customary*: 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric*: 1 square metre equals 10.764 square feet; 100 square metres equal 1 are; 1 hectare equals 100 ares, or 2.471 acres.

SOLID OR CUBIC MEASURE.—*Customary*: 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch—usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric*: 1000 cubic centimetres equal 1 litre; 1 litre equals 1.0567 quarts.

LIQUID MEASURE.—English gallon equals 277.274 cubic inches, or 1.20032 U. S. gallons; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

DRY MEASURE.—1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric*: 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 0.908 dry quart.

CAPACITY OF BOXES.

25 in. sq.,	11.66 in. deep	=	Approx. 1 wine barrel.
20 " "	9.10 " "	=	1 wine half barrel.
17 " x 14 in.	9.00 " "	=	1 bushel.
10 " x 12 " "	9.00 " "	=	½ "
8 " sq.,	8.40 " "	=	1 peck.
8 " "	4.20 " "	=	1 gal. (dry measure).
7 " diam.,	6.00 " "	=	1 gal. (liquid measure).

The Metric System

The Metric System of Weights and Measures has been legalized by act of Congress, July 18, 1896.

METRIC WEIGHTS.— 10 milligrams make 1 centigram, 10 centigrams 1 decigram, 10 decigrams 1 gram, 10 grams 1 dekagram, 10 dekagrams 1 hektogram, 10 hektograms 1 kilogram, 1,000 kilograms 1 metric ton.

METRIC MEASURES.— (One milliliter equals cubic centimeter.) 10 milliliters make 1 centiliter, 10 centiliters 1 deciliter, 10 deciliters 1 liter, 10 liters 1 dekaliter, 10 dekaliters 1 hektoliter, 10 hektoliters 1 kiloliter.

METRIC LENGTHS.— 10 millimeters make 1 centimeter, 10 centimeters 1 decimeter, 10 decimeters 1 meter, 10 meters 1 dekameter, 10 dekameters 1 hektometer, 10 hektometers 1 kilometer.

APPROXIMATE EQUIVALENTS.

A meter is about a yard; a kilo is about 2 pounds; a liter is about a quart; a centimeter is about $\frac{1}{2}$ inch; a metric ton is about same as an ordinary ton; a kilometer is about $\frac{1}{2}$ mile; a cubic centimeter is about a thimbleful. A nickel five-cent piece of our coinage is a handy key to metric measures and weights. It is two centimeters in diameter and weighs five grams.

PRECISE EQUIVALENTS.

1 acre equals .4047 hectar; 1 bushel, 35.24 liters; 1 centimeter .3937 inch; 1 cubic centimeter, .0610 cubic inch; 1 cubic foot, .0283 cubic meter; 1 cubic inch, 16.39 cubic cent.; 1 cubic meter, 35.31 cubic feet; 1 cubic meter, 1.308 cubic yards; 1 cubic yard, .7645 cubic meter; 1 foot, 30.48 centimeters; 1 gallon, 3.785 liters; 1 grain, .0648 gram; 1 gram, 15.43 grains; 1 hectar, 2.471 acres; 1 inch, 25.40 millimeters; 1 kilogram, 2.20 pounds; 1 kilometer, .6214 mile; 1 liter, .9081 quart (dry); 1 liter, 1.057 quart (liquid); 1 meter, 3.281 feet; 1 mile, 1.609 kilometers; 1 millimeter, .0394 inch; 1 ounce (avd.), 28.35 grams; 1 ounce (Troy), 31.10 grams; 1 peck, 8.809 liters; 1 pint, .4732 liter; 1 pound, .4536 kilogram; 1 quart (dry), 1.101 liters; 1 quart (liquid), .9464 liter; 1 sq. centimeter, .1550 sq. inch; 1 sq. foot, .0929 sq. meter; 1 sq. inch, 6.452 sq. cent.; 1 sq. meter, 1.196 sq. yards; 1 sq. meter, 10.76 sq. feet; 1 sq. yard, .8361 sq. meter; 1 ton (2,000 lbs.), .9072 metric ton; 1 ton (2,240 lbs.), 1.017 metric ton; 1 ton (metric), 1.102 ton (2,000 lbs.); 1 ton (metric), 2.205 ton (2,240 lbs.); 1 yard, .9144 meter.

Presidents

Names.	Born.	Inaugurated.	In Office.	Died.	Native
George Washington.	Feb. 22, 1732	Apr. 30, 1789	8 years.....	Dec. 14, 1799	Va.
John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 " " " " " "	July 4, 1826	Mass.
Thomas Jefferson..	Apr. 2, 1743	" 4, 1801	8 " " " " " "	July 4, 1826	Va.
James Madison.....	Mar. 16, 1751	" 4, 1809	8 " " " " " "	Jun. 28, 1836	"
James Monroe.....	Apr. 2, 1759	" 4, 1817	8 " " " " " "	July 4, 1831	"
John Quincy Adams.	July 11, 1767	" 4, 1825	4 " " " " " "	Feb. 23, 1848	Mass.
Andrew Jackson...	Mar. 15, 1767	" 4, 1829	8 " " " " " "	Jun. 8, 1845	S. C.
Martin Van Buren..	Dec. 5, 1782	" 4, 1837	4 " " " " " "	Dec. 27, 1862	N. Y.
William H. Harrison	Feb. 9, 1773	" 4, 1841	1 month.....	Apr. 4, 1841	Va.
John Tyler.....	Mar. 20, 1790	Apr. 5, 1841	3 yrs. 11 m..	Jan. 17, 1862	"
James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	Jun. 15, 1849	N. C.
Zachary Taylor.....	Nov. 24, 1790	" 4, 1849	1 yr. 4 m..	July 9, 1850	Va.
Millard Fillmore...	May 7, 1800	July 10, 1850	2 yrs. 8 m..	Mar. 8, 1874	N. Y.
Franklin Pierce...	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. H.
James Buchanan...	Apr. 23, 1791	" 4, 1857	4 " " " " " "	Jun. 1, 1868	Pa.
Abraham Lincoln...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 d..	Apr. 15, 1865	Ky.
Andrew Johnson...	Dec. 29, 1808	Apr. 15, 1865	3 yrs. 11 m..	July 31, 1875	N. C.
Ulysses S. Grant...	Apr. 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
Rutherford B. Hayes	Oct. 4, 1822	" 5, 1877	4 " " " " " "	Jan. 17, 1893	"
James A. Garfield...	Nov. 19, 1831	" 4, 1881	6 m. 15 d..	Sep. 19, 1881	"
Chester A. Arthur...	Oct. 5, 1830	Sep. 19, 1881	3 yrs. 5 m..	Nov. 18, 1886	Vt.
Grover Cleveland...	Mar. 18, 1837	Mar. 4, 1885	4 years.....	Jun. 24, 1908	N. J.
Benjamin Harrison..	Aug. 20, 1833	" 4, 1889	4 " " " " " "	Mar. 13, 1901	Ohio.
Grover Cleveland...	Mar. 18, 1837	" 4, 1893	4 " " " " " "	Jun. 24, 1908	N. J.
William McKinley...	Jan. 29, 1843	" 4, 1897	4 yrs. 6 m..	Sep. 14, 1901	Ohio.
Theodore Roosevelt.	Oct. 27, 1858	Sep. 15, 1901	7 " " " " " "	Jan. 6, 1919	N. Y.
William H. Taft....	Sep. 15, 1857	Mar. 4, 1909	4 " " " " " "	Feb. 3, 1924	Ohio.
Woodrow Wilson...	Dec. 28, 1856	" 4, 1913	8 " " " " " "	Aug. 2, 1923	Va.
Warren G. Harding..	Nov. 2, 1865	" 4, 1921	2 yrs. 5 m..	.....	Ohio.
Calvin Coolidge...	July 4, 1872	Aug. 3, 1923	5 yrs. 7 m..	.....	Vt.
Herbert C. Hoover..	Aug. 10, 1874	Mar. 4, 1929	.....	.....	Iowa

NO. 1.



Fair
Weather.

No. 1, al
perature.

No. 2, a
perature.

No. 3, a
temperat

No. 1, wi

No. 1, w

No. 2, w

No. 3, w
warmer.

No. 3, w
colder.

SMALL

812

813

814

815

816

817

818

819

820

821

822

823

824

Weather Signals



No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

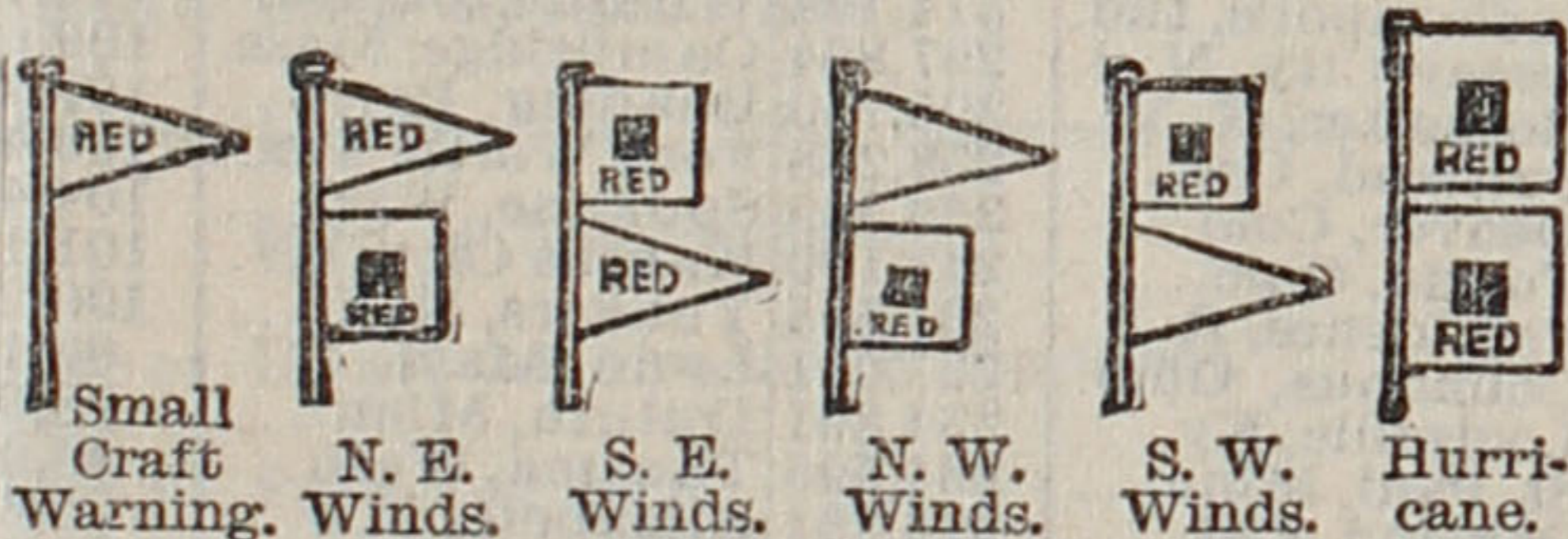
No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

SMALL CRAFT, STORM AND HURRICANE WARNINGS.



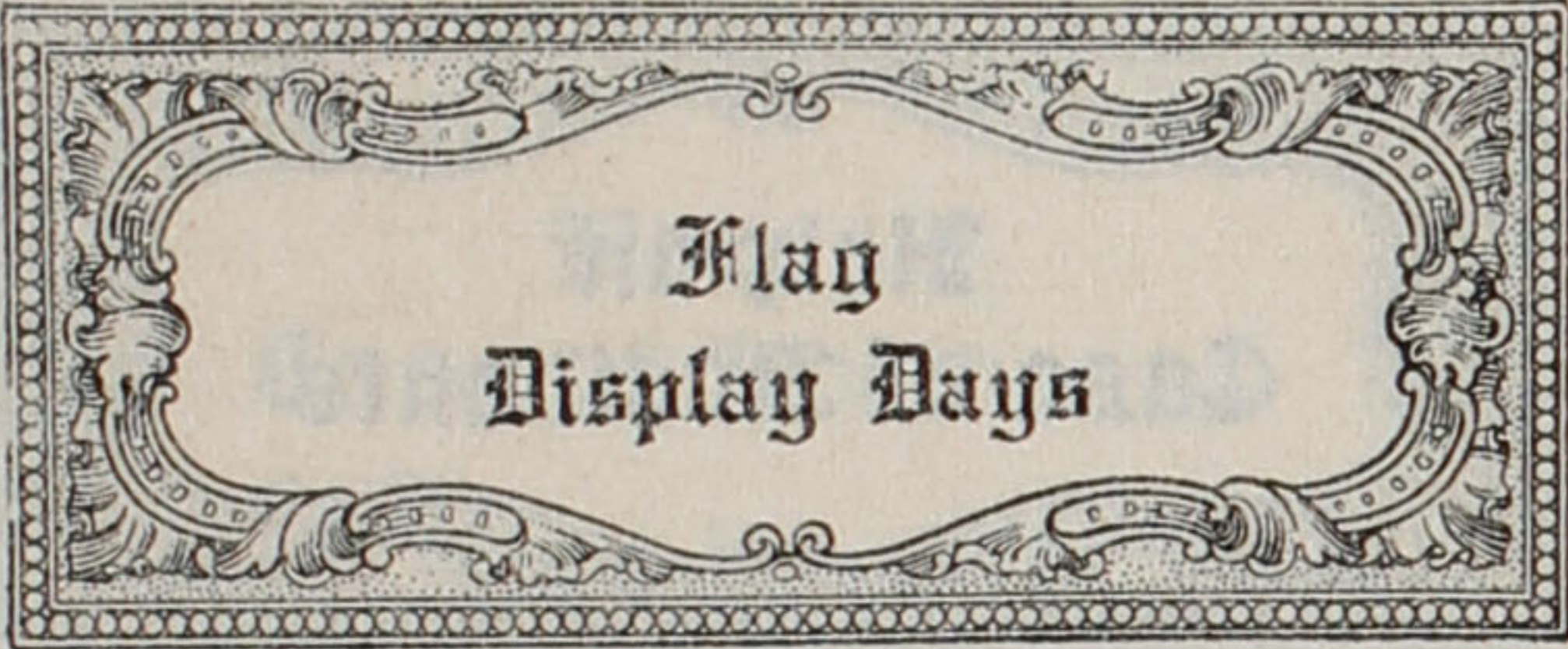
SMALL CRAFT WARNING.—A red pennant indicates that moderately strong winds are expected.

STORM WARNINGS.—A red flag with a black center indicates a storm of marked violence. The pennants displayed with flags indicate direction of wind—red, easterly; white, westerly; pennant above flag indicates wind from northerly quadrants; below, from southerly quadrants. By night a red light indicates easterly winds, white light below red, westerly winds. Two red flags with black centers indicate approach of tropical hurricanes.

No night small craft or hurricane signals are displayed

Principal Cities

CITIES	Popula- tion 1920	CITIES	Popula- tion 1920
New York, N. Y..	5,620,048	Dallas, Tex.	158,976
Chicago, Ill.	2,701,705	Dayton, Ohio. . . .	152,559
Philadelphia, Pa..	1,823,158	Bridgeport, Conn	143,538
Detroit, Mich. . . .	993,739	Houston, Tex.	138,076
Cleveland, O.	796,836	Hartford, Conn. . .	138,036
St. Louis, Mo.	772,897	Seranton, Pa.	137,783
Boston, Mass.	748,060	Gr. Rapids, Mich.	137,634
Baltimore, Md. . . .	733,826	Paterson, N. J. . . .	135,866
Pittsburgh, Pa. . . .	588,193	Youngstown, O. . .	132,358
Los Angeles, Cal.	576,073	Springfield, Mass.	129,563
Buffalo, N. Y.	506,775	Des Moines, Iowa	126,468
S. Francisco, Cal.	508,410	N. Bedford, Mass.	121,217
Milwaukee, Wis. . . .	457,147	Fall River, Mass..	120,485
Washington, D.C.	437,571	Trenton, N. J.	119,289
Newark, N. J.	414,216	Nashville, Tenn. . .	118,342
Cincinnati, O.	401,247	Salt Lake City, U.	118,110
New Orleans, La..	387,219	Camden, N. J.	116,309
Min'apolis, Minn.	380,582	Norfolk, Va.	115,777
Kansas City, Mo.	324,410	Albany, N. Y.	113,344
Seattle, Wash.	315,652	Lowell, Mass.	112,759
Indianapolis, Ind.	314,194	Wilmington, Del..	110,168
Jersey City, N. J.	297,864	Cambridge, Mass.	109,694
Rochester, N. Y. . . .	295,750	Reading, Pa.	107,784
Portland, Ore.	258,288	Fort Worth, Tex..	106,482
Denver, Colo.	256,369	Spokane, Wash. . . .	104,437
Toledo, Ohio.	243,109	Kansas City, K. . . .	101,177
Providence, R. I. . . .	237,595	Yonkers, N. Y.	100,226
Columbus, Ohio. . . .	237,031	Lynn, Mass.	99,148
Louisville, Ky.	234,891	Duluth, Minn.	98,917
St. Paul, Minn.	234,595	Tacoma, Wash. . . .	96,965
Oakland, Cal.	216,361	Elizabeth, N. J. . . .	95,682
Akron, Ohio.	208,435	Lawrence, Mass. . . .	94,270
Atlanta, Ga.	200,616	Utica, N. Y.	94,156
Omaha, Neb.	191,601	Erie, Pa.	93,372
Worcester, Mass. . . .	179,754	Somerville, Mass.	93,091
Birmingham, Ala.	178,270	Flint, Mich.	91,599
Syracuse, N. Y.	171,717	Jacksonville, Fla..	91,558
Richmond, Va.	171,667	Waterbury, Conn.	91,410
N. Haven, Conn. . . .	162,519	Okla. City, Okla. . .	91,258
Memphis, Tenn. . . .	162,351	Schenectady, N. Y.	88,723
San Antonio, Tex.	161,379	Canton, Ohio.	87,091



Flag Display Days

Feb. 12. Lincoln's Birthday.

Feb. 22. Washington's Birthday.

Apr. 19. Battle of Lexington.

May 1. Battle of Manila Bay.

Mother's Day. 2nd Sunday in May. In honor of American mother, "The fountain head of the state"

May 30. Memorial Day. In memory of Civil War soldiers.

June 14. Flag Day. Official birthday of Stars and Stripes.

June 17. Battle of Bunker Hill.

July 4. Independence Day. Adoption of the Declaration of Independence.

Labor Day. 1st Monday in September.

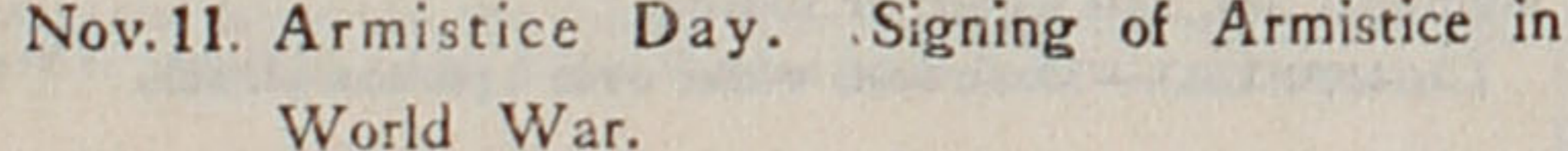
Sept. 10. Lake Erie Day.

Sept. 11. Lake Champlain Day.

Oct. 17. Battle of Saratoga. Crisis of the Revolution.

Oct. 19. Surrender of Yorktown.

Nov. 11. Armistice Day. Signing of Armistice in World War.



Help in Case of Accidents

BURNS AND SCALDS.—Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

SUFFOCATION FROM INHALING ILLUMINATING GAS.—Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

TESTS OF DEATH.—Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain; if alive, it will close up. Place flowers in front of a strong light. If alive, they will appear red; if dead, black or dark.

MAD DOG OR SNAKE-BITE.—Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whisky, brandy, etc.

FIRE IN ONE'S CLOTHING.—*Don't run*—especially not downstairs or out-of-doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

FIRE FROM KEROSENE.—*Don't use water*, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woolen rug, table-cloth, or carpet.

CINDERS IN THE EYE.—Roll soft paper up like a lamp lighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

FAINING.—Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

STINGS OF VENOMOUS INSECTS, ETC.—Apply weak ammonia, oil, salt water, or iodine.

LIGHTNING.—Dash cold water over a person struck.

Help in Case of Accidents

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

SUNSTROKE.—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

HÆMORRHAGE.—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

FIRE IN A BUILDING.—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

Poisons and Antidotes

FIRST.—Send for a physician.

SECOND.—INDUCE VOMITING, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for alkalies, and vice versa.

ACIDS, MINERAL.—Chalk, magnesia (plaster off wall in emergency), solution carbonate of soda, emollient drinks, fixed oils.

ACID, CARBOLIC.—Any soluble sulphate, such as magnesia.

ACID, HYDROCYANIC.—Fresh air and artificial respiration, with cold effusion. Ammonia by inhalation and intravenously in vein of leg.

ACONITE.—Emetics, stimulants, external and internal; keep up external heat, keep flat on back.

ANTIMONY TART.—Vegetable acids, such as tannic acid, catechu.

ARSENIC.—Freshly precipitated hydrated sesquioxide of iron made by adding magnesia to any iron solution.

ATROPIA.—Same as Belladonna.

BELLADONNA.—Emetics—mustard flour in water; give physostigma or pilocarpine; cold to head.

CANTHARIDES.—Emetics, emollient drinks, opiates by mouth and rectum, large draughts of water to flush kidneys.

CHLORINE WATER.—Albumen, white of egg, milk, flour.

CHLOROFORM.—Fresh air, artificial respiration (inclining head down, pull tongue forward), brandy and ammonia intravenously in leg, the HYPODERMIC injection of 15 m. tincture of digitalis and 1-60 of a grain of atropine.

COLCHICUM.—Emetics, followed by demulcent drinks. If coma be present brandy, ammonia, coffee, Opium in large dose. Keep up external heat.

CONIUM.—Emetics, followed by stimulants external and internal.

CORROSIVE SUBLIMATE.—Albumen, white of egg (4 gr. sublimate require white of one egg), flour, milk. Equal parts of lime water and milk. Emetics, or evacuate stomach by pump.

Poisons and Antidotes

COPPER SULPH.— Yellow prussiate of potash or soap.

CROTON OIL.— Emetics; wash out stomach, followed by mucilaginous fluids, containing opium.

DIGITALIS.— Recumbent posture after emetics. Emetics and opium; give tincture aconite.

ELATERIUM.— Demulcent drinks, enemata of opium, and external heat.

HYOSCYAMUS.— Stomach pump, emetics, stimulants external and internal, physostigma and pilocarpine.

ILLUMINATING GAS.— Hypodermic injections of nitroglycerin are recommended by Kloman, of Baltimore.

IODINE.— Emetics and demulcent drinks, starch or flour diffused in water, opium and external heat.

LEAD SALTS.— Any soluble sulphate, either magnesia or soda, succeeded by emetics, and afterwards by opium and milk.

LOBELLA.— Stimulants externally and internally; external heat.

MORPHINE.— Same as opium.

NUX VOMICA.— 30 grs. of chloral and 60 grs. of bromide of potash. Nitrite of amyl.

OPIUM.— Atropine hypodermically till respirations number 8 per minute. Stomach pump, stimulants, external and internal, brandy and coffee, cold affusion, ammonia to nostrils, galvanic shocks, compelling to move about, artificial respiration, electric brush. Permanganate of Potash.

OXALIC ACID.— Lime, not potash or soda.

PHOSPHORUS.— Sulphate of copper in emetic dose as chemical antidote. No oils. Emetics and purgatives.

POTASH AND SODA SALTS.— Dilute acetic acid, citric acid, lemon juice, fixed oils, demulcents, vinegar.


SILVER NITRATE.— Solution of common salt and demulcent drinks. Emetics.

STRAMONIUM.— Same as Belladonna.

STRYCHNINE.— Same as Nux Vomica.

TOBACCO.— Emetic, stimulants, external and internal, strychnine, external heat.

ZINC SALTS.— Carbonate of soda, emetics, warm demulcent drinks.



Things Easily Forgotten

Name

Residence..... P. O. Box.....

Telephone

Business Address

Telephone

Watch No..... Case No.....

Bank Book No.....

Aeroplane.....

Auto No..... Bicycle No.....

Radio Set..... Tube No.....

My Weight on lbs.

Height

Size of Hat..... Gloves.....

" " Hosiery..... Collar.....

" " Cuffs..... Shoes.....

" " Underwear..... Shirt.....

Wea. cool-cold. WED. JAN. 1, 1930

Ther. 8:45.

Made beds, & cleaned bath in a.m.
Tuned in on game. Pitt¹⁴ - U.S.C.⁴⁷ &
Pack - West there. Not as many
guests. It¹⁴ & I made most noise.
Went for a walk $\frac{1}{4}$ supper.
Mr. Ishimaru (got plenty drunk) & Mr.
& Mrs. Lenda came. Joyful.
Fremont High burned down 7:45 to
10. Just too bad!
Went to bed at 1:00.

Wea. cool-cold

THURSDAY 2

Ther.

Made beds & cleaned my school drawers.
Went to see O'Neill Kiddies & Buddy
Rogers & Jean Arthur in "Halfway
to Heaven" Fox-Dubland; lit. with
P. the. Good picture. Kiddies not so
good.

Kan went back today & of course
not work. Too bad really.
Wrote diary in a.m.

cool-cold. Wea.

FRI. JAN. 3, 1930

Ther.

leaved in P. m. Wak & I went to
Haven court to get some lace. Had
great fun. leaved in P. m. too.

cold - ~~Wea~~ ~~with~~ rain. SATURDAY 4

Ther.

Clean house in A. m. Was early
so I went with Wak to Stanford
to pack up. Dark. too us. Got home
about 6:30. Wrote letters in
P. m. 2.

Whea.
cold - rain.

SUN. JAN. 5, 1930

Ther.

Sunday school & papers as usual.
Went to the cemetery in P.M.

Whea.
rain.

MONDAY 6

Ther.

School. Oh how the Fremonters
are!! They think that they are the
whole cheese. Nothing much else.

Little for Trig; Graham for Eng; ? for gym,
Review for Chem; Myers for Fr; & study.

Came right home but stopped over
Ethel's for a chat. Study. Ugh
the first rite had plenty.

Jess is in my Eng, Chem & French
classes. We have beds in one's room

Dry dry French already. Low

cold. Wea.

TUES. JAN. 7, 1930

Ther.

lively as like Graham.

Went to town after school to get some needles. Not of course study in P. M. Bed 11:00.

Chem. fee only 50¢.

cold. Wea.

WEDNESDAY 8

Ther.

Met Karch in town after school & got a pr. of shoes. Starved myself til supper. Cute shoes brown. Glad. Had a test in chem - 90%

I am so glad that we can eat more economically now

Oh gee. Tok is getting so damn lazy that it seems that anything wrong she does, we can't help but get mad. God, help us!

Wea. THUR. JAN. 9, 1930 Ther.
cold - little rain

Got weighed in gym. 115 - 62½"

Did an experiment today. Am
partnered with Teresa.

Came right home today.

Everybody was packing the
tea tonight while I attempted
to study.

Wea. FRIDAY 10 Ther.
cold.

Today is Hagi, the 49th day after
the death.

The play I took part was O.K. I
guess. Stood after school for the
lib. Helped with odd & ends when
I got home. Had fun in the
kitchen 'til most were gone. Mr. & Mrs.
Lenda & Iskinaru the last. Went to
sleep about 12:00

Plenty of food & etc.

Wea. cold. rain. SAT. JAN. 11, 1930 Ther.

Did lots of dishes & putting away in A.M. then cleaned house, downstairs & halls.

Went to Melrose lib in P.M.¹. Didn't wash hair, sun-out but too cold.

I studied after bugs in P.M.².

Pa is going to do some planting for Joney's pa. somehow they came together.

Wea. cold-rain. SUNDAY 12 Ther.

S.S. and read papers. Went to dead old mama - cemetery. Studied after we came home.

rain
Wea.

MON. JAN. 13, 1930

Ther.

Went to the G. A. meeting. Didn't have any rain material either. I went to the lib. after that & I surely did walk plenty & plenty wet. Never got home til 6:30 P. M. Study!

Nothing much during school. Jamboree, pretty good.

old, new - like.
Wea.

TUESDAY 14

Ther.

Went to the town lib. & Melrose lib. Stopped over Ethel's. Study.

Wea.
rain.

WED. JAN. 15, 1930

Ther.

Got an 80 in chem test.
Was elected manager of
volley-ball.

Wea.
cool.

THURSDAY 16

Ther.

Went to town in P. M. to
get some paper. I met Karst
my accident. Studied. Didn't
get my English done 'til 10 A.M.
I fell asleep plenty fast. A
noise scared me! Got it.

Wea.

FRI. JAN. 17, 1930

Ther.

rain.

Think that I flunked in trig.
test. French test O.K. I guess. I have
to have gym sixth, & study 3rd
now. Stood for the 1st O.A.L.
Basketball Game. Lost to Sech,
24-21.

Worked a little on cat-tale in
P.M.². Plenty sleepy.

Got a lift from Jolley &
lucky for was a little late.

Wea

SATURDAY 18

Ther.

cool, rain p.m.

Slept 'til way late & only
did our room.

Did some ironing & sewing
in P.M. Wrote letters in P.M.².

Kon came home.

The lights went blink-a-blink
about 9:00 P.M.

Slept right away.

Wea. cool - sun out. SUN. JAN. 19, 1930 Ther.

Sunday school in a.m. Went to cemetery & then went with Lou & Wah to take Kan back. Just returned in time for supper.
Study.

Wea. cloudy, slight rain. MONDAY 20 Ther.

Stood after school for the volley-ball management. Mrs. Tweedie is O.K. Mrs. Mrs. Tennyson gave me a lift this a.m.

22. We danced in gym. Jonesy taught Military 2 step. I had to dance with her. She would have to. Great fun. That she burned up.

Wea.
cloudy.

TUES. JAN. 21, 1930

Ther.

Don't remember much of
great importance happening.
I guess that I shouldn't leave
this so long.

Was lucky enough to get a
lift from Joney.

Stood to see the Leon
Lander Game. We lost in
fifth quarter. 13-11.

Wea.
cloudy & fair

WEDNESDAY 22

Ther.

Bob heard noises in the
night which scared her.
Tried the key & door. 2:00.

Wow! test in chem over 90.
Big shot in French. The poem.
Elona made me laugh. Wow!

Went to see the All American
Hockey Team play Mills with
Miss Hobbs & Anna Nogue.
First game. Keen! Didn't
stay for tea.

Wea. THUR, JAN. 23, 1930 Ther.
cloudy - ~~fair~~

Wak walked down to 14th
this morning for just a walk.
Had plenty of homework!!!

They are going to start &
sell flowers at the Oakland
Flower Market starting to-
morrow. We need the money
for our material. City store
is no good. Durkee is salesman

Wea. FRIDAY 24 Ther.
cold - fair.

Nothing much. On way
down from the hill, I
slipped & my heel came off.

Stayed over Ethel's 4/4
coming home.

We all got kind of
silly in P.M. Wow. That fun.

Had the 1 hr. long major
period to fill out 5 cards.

Jannette Hurd & I are
swell friends now.

Wea. SAT. JAN. 25, 1930 Ther.
sun-out — cool.

House-cleaning. Washed
my hair. Then I went to the
shoemakers. I bummed &
later went after it again.

We are all still happy —
like — jazzy. Had ice-
cream. Looked at The Exam.

Yesterday we started to send
flowers to Oakland Flower Market
instead of S. F. — uncles. — we need dough.
Wea. SUNDAY 26 Ther.
cool.

Sunday school in a.m.
Went to cemetery in P.M.
Mr. & Mrs. Lenda came over.
Study.

Wea.
cloudy.

MON. JAN. 27, 1930

Ther.

Miss. Myler was absent.
What's going to happen.

Went chasing after Miss
Hobbs for Johnny. Played
basketball. Had only
few minutes for rally &
went to town with Kaeck.
She made me sick but ok
study.

Wea.
cloudy.

TUESDAY 28

Ther.

Election for class officers
today. Came right home
after school for I didn't
have any other thing for I
didn't go to the game.

fair & cool. Wea. WED. JAN. 29, 1930 Ther.

Stood afterschool for
valley ball. We have
hygiene on Wednesday.
Mrs. Tweedie surely did
talk plenty & how!

Found out that we beat
Oakland & University.

lightly rain. - Wea. THURSDAY 30 Ther.

Hope I get an A in Eng.
Miss Myers came back today.
Stood after-school for
D. A. A. meeting. Stopped
over Ethel's & coming home.
Study.

Pres	Vice Pres	Sec.
Paul Sutz	Wm Vitz	Mary Evans
Frank Jensen		not William
Treas.		Bohny
		Yell

Wea. Sat. Feb 1.
warm. swell day. Fri. JAN 31, 1930 Ther.

Slept til late. 9:30. Was tired.
Cleaned my room & part of parlor.
Did my gym washing & did
some homework & I went with
son to see E.M. (8:00) Went to town
Read just & supper. Studied
a little after bags. Bed. ~

Wea. Fri Jan
warm. swell day. SAT. JAN 31 Ther.

The trig test is over. Thank good-
ness! Wow! plenty of long Chem
test today too. Tap dancing
today. Mrs. Tweedie. I'm not
"crazy" about her by any means
Came home & going to the
East Oakland - Roosevelt game.
Whoopie. We won 31-29. Came
home with Ethel. Saw Claire & Ma
on way going & Oddie there.
Layed around after bag. Tried

Wea.

SUN. FEB. 2, 1930

Ther.

warm

Sunday school & papers.
country & study. Walked home
with Wak. Not so late in
studying.

Wea.

MONDAY 3

Ther.

warm

Got an "A" in the part A. of the
trig. test & a? in 2nd part.
Valley & home. Study.

Wea.

TUES. FEB. 4, 1930

Ther.

warm.

I can't remember anything much. Got a 65 in End part as an 85 as my average.

Wea.

WEDNESDAY 5

Ther.

warm.

Volley-ball after-school. Son took me home. Study 'til 11:15. I got most of my chart done.

Wear.
fair.

THUR. FEB. 6, 1930

Ther.

Reffed in gym. Stood for G.A.A. Party. Only thing we couldn't dance long enough after study. Was done by 9:30 but stood up awhile for other girls went to Horse Show.

Bill
home
son

When I was in bed. Nick came & talked to me to 11:30 & it's so queer I touched his / / I've never like him a time ago. He made me feel ^{so} queer. Sleepy!

Wear. - real foggy. FRIDAY 7 cold. p.m. Ther.

Got a trig test & a 87 in chem test; an A in posture today. Came right home.

Hit balls at Webster & supper with Wak.

All of us girls went to the Horse Show. & Nick too. Swell! The 1st one. Tok got me sick 'cause she didn't even hardly talk to me, - back at me.

Hamburgers. - Yum. 1:00 a.m.

fair Wea.

SAT. FEB. 8, 1930

Ther.

We didn't get up 'til about 10. We got all the house - cleaning done just before lunch. Washed my hair in P.M. & fixed several of my clothes & drawer.

Studied after duties in P.M. & got all necessary done.

cool. fair Wea.

SUNDAY 9

Ther.

Sunday school & papers in A.M. Read $\frac{1}{4}$ & going to the cemetery. Decided to write a play for Cong. Typed it right away without a 1st writing. Dood up just to 11:00 to do it.

Wea. MON. FEB. 10, 1930 Ther.
cool - fair. foggy in a.m.

school as usual. Had for
volley after-school. Had to
take whole charge. Some kids
get me sick. Went to town
after. Got a 9 in my Friday's
trig. test.

Study in P.M.². It.
Jesse is absent.

Wea. TUESDAY 11 Ther.
warm - just off.

Nothing much today oh
yes had a trig & Eng. test.

Came right home.

John, Wak & I played around
baseball. Big fun.

Did a little bit of studying.
Repped in gym.

Wea. - WED. FEB. 12, 1930 Ther.

warm, just right.

Worked on my English project all day. Went outside for a walk too.

Study in P.M.^a. A bit.

Wanted to go to see the Love Parade but couldn't.

Wea. THURSDAY 13 Ther.

warm.

Am 89 in trig test. Had a chem test. Went to town after volley-ball. Bought Wak a picture. Study in P.M.^a. Skipped on addressed valentines after study.

Took care of L B's in gym today.

Wea.

FRI, FEB. 14, 1930

Ther.

warm. stuffy.

A surprised 91 in chem.

Teresa is still absent. Had a
spell health speaker for
assembly. A joky & funny one.

Played tennis at uncle's
with Flo. Pattinson. She won 9-7; 6-3.

Study in P.M.^a.

Erma Gennetti gave me a
box of candy for valentines. Gee,
she's swell.

Wea.

SATURDAY 15

Ther.

warm - nice

Slept till late. Did some
house-cleaning. Spent the
afternoon looking thru maga-
zines to find pictures of authors.
Study in P.M.^a after duties.
Bed about 11:00.

How come home.

Wea.
warm.

SUN. FEB. 16, 1930

Ther.

Sunday - School in A.M.
Went to the cemetery & then went
with the "kids" to take him back
Home about 6:30. Just took a
peek into books in P.M. wrote
3 letters. Bed about 10:20.

Wea.

MONDAY 17

Ther.

warm. slight breeze - cool.

Here starts a new quarter. Was
awful late this A.M. Never pass
ed Lockwood till 7:50, usually 7:40
Wasn't late. A 26 in a chem. that
Jessa still absent. Crew after
school. Big fun. I went to the
lit. afterwards. Home -

Study in P.M.². Calves to
bed - went up about 10:15.

Whea.

TUES. FEB. 18, 1930

Ther.

Test in trig. stood for the
basket-ball game against Uni.
skunked them 35-12. Mostly
a 2nd team played.

study. Not so exceptional
lot.

rain - Wea.

WEDNESDAY 19

Ther.

84 in Trig. test. A's in Eng., gym,
& French; B's in trig & chem. Miss
Harmon is going to take Dolores C.,
Ruth D., Mayde Gama, & myself
off honor roll because she said
we talked too much. Damn her.
She's cracked. Funny. Hate! her.

Volley-ball after-school.
Got caught in little rain.
study ^{lot} & after supper.

Wea. THUR. FEB. 20, 1930 Ther.
snow & thunder, lightning early a. m.

cool - fair in latter day.

a test in chem. Thanks to Doc.
Nothing much. Came right
home. stood up to about 11:40
to do my English.

Wea. FRIDAY 21 Ther.
cool - dull.

Got a real early car. & everything
O.K. What a day of fun. All periods. To
French. the talk of mine & Velone. it
Only spot was that I just went
and forgot my clog dance.
Heck! & didn't get on a.

We won game 21 - 11 from Oakland
Tech beat S. Oakland.

Did some French in B. m.². Doc but
Wak gets one at times especially tonight
she jokes & then all of sudden says "Oh"

Wea. SAT. FEB. 22, 1930 Ther.

unmelted - coal.

House-cleaning & dishes in a.m.
Looked through several magazines
and picked daffodils in P.M.
Study in P.M.². Wake got me
today too. Heek!

Wea. SUNDAY 23 Ther.

snow-hailed, sun shone at intervals.

Sunday-school & papers. Went
to cemetery. Got caught when
it hailed hardest. Made some
candy. Study. Bed early.

"Oh" indicat. trouble. She thinks she's go
reigned god. a college wisdom. What?

Wea.

MON. FEB. 24, 1930

Ther.

rain thunder, lightning - cold.

school again. Stayed after school to look after the volleyball. Went to the library afterward & never got home till way late.

Study again.

Wea.

TUESDAY 25

Ther.

cloudy.

All I can remember of today is that we beat East-Oakland again 24-20. I missed Ethel & you I got a ride home but heck!

Study, tried to. Couldn't get down ^{to it,} til 9:0'clock. I felt like killing everyone. It seems as if it is so much harder to study for me now - a - days. Felt as if I'd burst into tears.

Wea.

WED. FEB. 26, 1930

Ther.

rain & hailed.

Went with just a top sweater & got caught. It was nice too. Gosh I was worried. After school for volley-ball. We won. Luck! The sun came out & it stopped raining when I was ready to go home.

Pa is in bed yet.

Felt the same way as last Tues night all was upstairs, I did cry & feel better

Wea.

THURSDAY 27

Ther.

sun out but chilly.

Thursday is my regular come right straight-home & do English. I left the gloom now. Dear old bed of mine. It "come for sure again. Sweeter as it seems.

Wea.

FRI. FEB. 28, 1930

Ther.

sun out, chilly air.

Wow, a low mark in Chem test. Went to the lib. after school & got home about 5:00. Did duties & ~~studied~~. Have loads to do. Kan came home unexpectedly so I didn't study. He went right back on the star.

Found out that was best of us. Heck!

Wea.

SAT. MARCH 1

Ther.

cool - cold.

House - cleaning in A.M. Got a hair-cut in P.M. Went to Whelan's with Lon. Studied the rest of the P.M. & again in P.M. Karsh went out with the "to-be" & I was ready to sleep when I opened the door 11:30 for them.

Wea.

SUN. MARCH 2, 1930

Ther.

cool - rain in P. M.

Sunday - School & stood in bed 'til late. Papers & dinner. Kan came home in A. M.

Son & Lok took Kan back after dinner. Others ^{(one) did} dishes & went to cemetery. Study.

Lok Wah, & I did dishes for son & Kuech went to Mills to hear something. Study. Bed 11:00.

Wished I had gotten more done this week-end.

Wea.

MONDAY 3

Ther.

Wea.

TUES. MARCH 4, 1930

Ther.

Wea.

WEDNESDAY 5

Ther.

Wea. THUR. MARCH 6, 1930 Ther.

~~Wea. FRIDAY 7 Ther.
full a.m. fair & mild P.m.
up about 6:10.~~

Woa. THUR. APRIL 17, 1930 Ther.

cool.

Still waking up early & doing the lillies. Not quite as busy but busy enough.

Woa. FRIDAY 18 Ther.

fair

7:00

Made bed & then went outside & cleaned the cut lillies. Got a haul-cut at another place. a wind-blown. I like it. Cleaned in the p.m. too, & in the evening we had to grow out & do some more lillies. Sporti surely was in plenty of fights today.

- Wea.

SAT. APRIL 19, 1930

Ther.

fair.

Wake up a well bit later than usual. We started house-cleaning but were called outside. Finished later. After much plotting on Waki's & my part, I got to go with Tok to see "The Vagabond King". Keen. All color. Got a new pr. of white sport shoes. P.m. came home. Better!

Wea.

SUNDAY 20

Ther.

warm.

Well day. Was dressed all in blue & white. Stayed for church. I went to the cemetery & on my return typed my English. In P.M. I did Eng. Kan went to show & no-one wanted to take him back that late (8:10) & he stood until time to take 11:30 bus but Nick came home from "out" & said that Ned take him back. Bed 11:30

Wea.

SUN. MAY 11, 1930

Ther.

~~sun~~ Wea. - P.M. MONDAY 12

Ther.

Crew supper & regatta. We came in 4th - just missed 3rd by a little bit. supper & beans pretty good. Boat men very nice & wanted presented.

Woke up early to do trip

Wea.

TUES. MAY 13, 1930

Ther.

Went to glass factory
in S. F. with the K. K. K.
after school. Velma & I
had fun & we knew as
much about how to
make them as when we
went in.

oul. Wea.

WEDNESDAY 14

Ther.

Woke up early.
Mrs. Schuette told me
that I was up for vice-
president of the G. A. A.
I "rep" baseball afterschool.

cool Wea.

THUR. MAY 15, 1930

Ther.

Learned that I am the
vice-president of G. A. U.
See!

Played tennis after
school with Flo Patterson

cool Wea.

FRIDAY 16

Ther.

"Ref" after school. Cleaned
room ^{4/4} supper. Went
to the appetta with Tok
took & that for wak got
her way & wouldn't go.
She gets me mad at
times. "It"

Wea. warm - SAT. MAY 17, 1930 Ther. just swell

Went to play tennis in
a.m. at Bella Vista. Got
home about 2:00. Washed
hair & read book. Went
out to Hayward with Nick
after supper. Stopped at a
flower show. Fun going.
Looked at Sunday papers.

Sport sick & phoned vet.
Came about 11:00 P.M. Poor doggie

Wea. fair SUNDAY 18 Ther.

Nothing much except
studied til 11:15. We
had a swell Japanese
dinner. Yum. Yum!

Wea.
fair.

MON. MAY 19, 1930

Ther.

Landon Rice gave me a
tumble today at noon. We
Went to the lib & to a
hair-cut after school.

"been day"

Wear. TUESDAY 20

Ther.

stood to practice G. A. A.
award assembly today.

swell Wea.

WED. MAY 21, 1930

Ther.

Came second in the S. U. S.
in. Surprised! Mrs. Scheutte
told me that I'm on com.
of 5 to choose "best" girl. Barbara
Mason, Annie Vestry, & "Wil" Baker.
Ump. baseball.

John & son went to recital
so helped with dishes.

fair Wea.

THURSDAY 22

Ther.

G. A. A. assembly was
swell! One of best assemblies
this term. My block R. at last.
Ump. baseball. H. I. are go-
ing "keen".

Wea.

FRI. MAY 23. 1930

Ther.

G.A.A. officers were installed by a ritual - attempted a speech. Cleaned room & cleared the lib. In P.M.² I finished up my chem project except cover. Read.

Went up to (3rd floor) dark room. Chem talk ok. & was able to answer Hiner's question

sun & slight breeze. SATURDAY 24. Well day. Ther.

Cleaned lib. Went to play tennis at Mills. Read until 2:00 P.M.

& then spent rest of day cutting pictures for my Eng. project.

Wak went to S.F. with musical (friend) & then to show with Stanford friend & never came home 'til about 1. Tok & I waited 'til

11:45. She shouldn't have stayed that late ~ Learned that Kaech is to marry in '31

Wea.
warm

SUN. MAY 25, 1930

Ther.

~~will summer day~~
A.M. same as usual. I
worked on my Eng. project
after going to the cemetery.
Worked on trig too.

Wea.

MONDAY 26

Ther.

Stayed in lib. at school
then saw the last inning
of the junior Army-Navy
Game.

Wed

Wea. TUES. MAY 28, 1930 Ther.

A slight rain in A.M. Helped
Miss Hiner mark apparatus
after school & missed see-
ing the Army-Navy Game
Stayed for S.A.A. Farewell
to the High Seniors.

Wea. WEDNESDAY 28 Ther.

~~slight temp. but cool.~~

Tues 27 -

forgot.

Wea. THUR. MAY 29, 1930 Ther.
little clearer but cool.

Went to town to buy some magazines for scrap book. came home just in time for supper.

Small assembly. - Black R. John Patrick, Ernie Smith & Vernie King were there.

Read the Harbor in P.M.

Wea.

FRIDAY 30

Separation Day

Ther.

Washed hair in A.M. Went to buy some lettuce at Italian's. Went to cemetery - looked nice. Finished reading the Harbor in P.M. - 3:45. then worked on my lit. scrap book until 10:30.

Seems as if I'm getting a style.

Wea.

SAT. MAY 31, 1930

Ther.

House-cleaning (8:00 to 10:15)
The remainder of the morning
& the afternoon worked
on scrap book. In the
evening did my chem & talk-
ed around.

Wea.

SUN. JUNE 1

Ther.

Stye is about gone. Study
after going to the cemetery!
Rich helped me bind my
book. - It looks pretty
good. - Bed about 10:30.

Wea.

MON. JUNE 2, 1930

Ther.

15) Wake up early (6:00) to get to
ing ting early for test. Got there
about 7:35 & then we (73)
found out that it was post-
poned until tomorrow. Gee!!
Miss Graham was absent.

Went to B.R. meeting at
new International Institute
"Wenie roast" Friday. - To plan
ide) to coral house. Ritchie home - "J."

Wea.

TUESDAY 3

Ther.

Went early for the test. Hard!
& another in Eng. couldn't
think about that one. Brought
Eng. project. Some homework
Went to town.

Wea. - sunny WED. JUNE 4, 1930 Ther.

I & 5 others played today, on hygiene day. Big fun. Got an A - next to highest (85) in trig test expect to get an A for I finished contract too. Gosh if Lisa gets one & I don't - coin raised. Got our Lariats. Came right home. Played ball after supper myself.

Wea. THURSDAY 5 Ther.

Signed Lariats in trig. Had a little test in English. Went down to gym to help 3rd. Sat around in gym. Too hot!! Stayed around to have Lariat signed. Came home & filed flowers for gym teachers. Went over to Ethel's P.M.² & walked around for Germain & Violet came. Mary said that I was going to get a Bin trig. I hope not.

fair Wea. FRI. JUNE 6, 1930 Ther.

Last day. Walked about halls in tie - talked in Eng. Went down to gym 3rd Bell Mrs. Sweetie is complimenting me, they liked the roses. Played catch in chem. & tried to look interested in French. Assembly off. Miss Tuttle gave me a B. & went to see her. Larn her! Went to see "All Quiet on the Western Front" alone. Went to boat house waited til 6:45 for B. & A. train out Wea. SATURDAY 7 Ther.

Went home mad! Gosh what a day. Stopped over at Ethel's til 8:15. Was so mad that I could cry. Went to Miss Glick's guide couldn't eat any supper. No appetite. First time I ever got mad about a grade.

Lin
an
got
in
a
too
Ear
Dora

Slept til late. & cleaned house. Went to school to get plants but couldn't get in. Sewed a little.

I am afraid Em is going to get worse for she speaks out all her thoughts - like. Dad is improving.

Wea. - sunny. SUN. JUNE 8, 1930 Ther.

Stayed for Children's Day Program. Cute but they didn't have enough practice. Tok played for it. Cemetery & looked at papers. Hit balls with Ethel until supper. Cleaned out my books & letter boxes in P.M.². Had a restless feeling & had fun with Wak in A.M. at awabeming.

Wea. - busy in P.M. MONDAY Ther.

Sewed a little $\frac{1}{4}$ going to town with Kaech. 10:30. Ate in town & didn't do much useless. Sewed after coming home (4:30).

Wrote a letter in P.M.². Wak had a slight grouch during 4:30 - 7:30.

Rishes are understood

Wea. TUES. JUNE 10, 1930 Ther.
warm

Sewed most all day.
Wrote 2 letters in P.M.².

told Lon about taking care of Em.
He said "well I guess the quicker
I get away the better it is". Oh
gosh, she hasn't done much & all
Lon sacrifices she takes! Dear Lon

Wea. WEDNESDAY 11 Ther.
warm.

Washed my hair in A.M.
& read. Finished my
bloomers in P.M.¹. Went to
school to get plants. We
got a new car - a Duesenberg
to trade the Star in. Lon & Em
went after Han & Nick went
up to Napa to give a speech.

Had a nice "boxing" with Wak
- looked at patterns.

Hersch made me mad when she
(above)

Wea.
warm

THUR. JUNE 12, 1930

Ther.

Sewed in a.m. - Nick returned about noon. Went to town in P.M. with Kalech. Got a hair cut $\frac{1}{4}$ coming home.

Went to play tennis at uncle's with Kan, Tok & Wak. Em came to watch - after supper.

Em seems to have improved a little.

Wea.
warm

FRIDAY 13

Ther.

Sewed a wee bit after doing dishes & helped son clean Kan's & Nick's closet. Went to see "The New Moon" at the Grand Lake Theater. The picture pretty good & the musical comedy was "keen". Some come back to me song is perfect. Dancing was very good & clever. Had a sundae. Wrote a letter in P.M. to Emma.

Wea. *Cooler* SAT. JUNE 14, 1930 Ther.

House - cleaning in A.M.
& read. E.M. started to talk
about noon awful hot I lost
my temper to Wah for she
wouldn't go with son at
first cause I was dressed.
She was nice after tho'.
Fun in later P.M. - sewed.
Played cards in P.M.². & mended
sweater. - sorry for my temper.

Wea. *heavy clouds* SUNDAY 15 Ther.

Had another teacher at
L.S. & she was good. Read
papers. Had rabbit for din-
ner. Read after going to the
secretary & went to play tennis
with Ethel. Dishes & read
then wrote a letter.

E.M. came into our room
& talked about with us.
she still paints up in the
evening. Read in bed.

Wea. MON. JUNE 16, 1930 Ther.
cool - sun out.

Woke up pretty late 8:30
in comp. to other days. Mailed
letters & started to cut dress out.
Finished in P.M. by interrupted
intervals. Mrs. Sabada, daughter,
'muchiko cone. Had to hunt clothes
etc.' Mrs. took piece of meat. She would
Bammy's til supper (4-6). Went
to hit ^{ball} plays at Webster in P.M.
Played cards till 11:00 - Sleepy

Wea. TUESDAY 17m. Ther.
cool wind - sun - chilly in P.M.

Worked on dress in A.M. &
a little in P.M. Cut a pair of
bloomers out. & then went to
Smith's developing - with Ethel.
Cut picture - silhouettes out
P.M. after sweeping. Then went
to swim at Richmond.

Pa put on his clothes today
for the 1st time for a long time.
Walked too much.

Read.

Wea.

WED. JUNE 18, 1930

Ther.

fair

Worked on ~~clothes~~ dress in
2. m. but could not get
down to do it in P. M. so
went out to Hayward's with son,
Pa & E. m. Had milk shake. Pa has
never been out since long time.

Wea.

THURSDAY 19

Ther.

cloudy - cool

sewed A. M. & P. M. Have
quite a bit done on dress.
Played cards in the
evening. Wak, son & E. m.
went for a ride about 4:15.

Wea. FRI. JUNE 20, 1930 Ther.
cloudy - cold - dull

Finished dress with ex-
ception of buckle & buttons in A.M.
I went to the lit-measure in
P.M. - walked home. - - - Son,
Kaeck, & E. M. went to town.
Played a little tennis after
supper with Kaeck. Wah did
not want to come in mad way.
Then wrote a letter & played
cards using checkers as dough. Finished

Wea. SATURDAY 21 Ther.
cloudy - cold - dull

Clean house in A.M. & read
Ethel came over. We walked to
the Melrose lit. & then went over read
Dishes & wrote 2 letters. They were hav-
ing some fun-like over in parlor when
suddenly I heard Wah dash out of
house saying, "I told you to leave me alone."
Found out - Ken went too far in hitting
even after she was mad. Slipped back,
gave push, & the pillow was too far. Later
& I went after her but she came home 1/2
Ken has to learn. & Poor son & Pa - Worry!!

Wea. SUN. JUNE 22, 1930 Ther.
cloudy - cool - P.M.² cold. - dull

I I in A.M. as usual with the
looking of papers. Dishes, read,
- then to cemetery. After a
short dispute, Kan, Tok, & Wak, & I
went to play tennis at uncle's.
We forgot all & had big fun from
3:45 - 6:00. Read and then play-
ed cards.

Ia went to cemetery for 1st
time for a long time.

Wea. MONDAY 23 Ther.
cloudy - cool.

Sewed in A.M. & in P.M.
Started to put pictures in
my album in P.M.² - Beat.

Sam, Tok, Em, & Wak went to
play tennis in P.M.

Em does not talk as much
but still does. Hope she
improves. She spoiled a dress
by making it too short. & adding
too many fulls.

Em came in our room. Sleep 11:30

Wea. TUES. JUNE 24, 1930 Ther.

cloudy - dull.

"It - Funny" cause we were discussing it last night. He! He!

Didn't do anything in particular in A.M.
Read until 5 when Ethel came over. We pasted material in our album.
Continued to put my album to date.
Read and bed to 11.

Lindy's bab surely is getting plenty of publicity - born Sunday.

Wea. WEDNESDAY 25 Ther.

fair - cool.

Read in a.m. Went to show with Ann & m. cause Ann chose me much to my surprise. At times very embarrassing moments - she laughed out loud & once started to clap when the players were. Show was fair. Intended stocking 4 supper. Wrote comments in my album. Read in bed.

Byrd returning from South Pole has plenty of welcome.

fair Wea.

THUR. JUNE 26, 1930

Ther.

Sewed in A.M. Started to do
some in P.M. but Ethel came
over. Went to Melrose lib. with
Ethel - walked. We were tired &
got silly. Stayed til supper. Ate at
6:45. Company. Went over to Ethel's
in P.M. to bring some cherries
that we got from Collins. Was
wishing that I could have gone to
Silomor. Oh, gosh, I wanted to go. ^{Sweet}

fair Wea.

FRIDAY 27

Ther.

Swept & changed sheets. Washed
a dress. Sewed in P.M. & little
after supper. Then looked at
patterns. Kan made me mad
when he started to "monkey" a-
round. I cried but not so much
from pain as the thought that
Kan does not yet know when to
stop. Oh, gosh, oh gee, I suffer at
times but well it is for me.
Mr. & Mrs. Mizusaki came over.

Wea.
warm.

SAT. JUNE 28, 1930

Ther.

House cleaning in a.m. Was a little mad that I couldn't get the vacuum until when every thing else almost done. Swept the rest of a.m. & a little $\frac{1}{4}$ going around the Oakland Airport in P.M. A new road to there. The Aero-nautic show. Son, Pa, Edna & myself. Went for walk, & wrote letter in P.M. Read.

Wea.
warm

SUNDAY 29

Ther.

Woke up early & went to play tennis with Wak, Tok, & Han at Fremont court. Looked at papers, S.S. & then read. Went to cemetery after dishes. Layed around - half dozy 'til 4:30. Went to Hayward with Pa, Keech, & Edna. Late supper. Wrote another letter & read the remainder of the evening.

Wea. MON. JUNE 30, 1930 Ther.
fair & warm

shoes.

Have neglected my diary so as
far as I remember I sewed
off iron throughout the day.
Ending the day reading in bed.
Plus fixing some more pictures.

Wea. TUES. JULY 1 Ther.
fair & warm.

Went to town in A.M. & P.M. with
Wak. Did considerably lot of walking
but shopped too. Became a little
tired. Went to play tennis at
school with brothers & Wak. Nick
isn't so "hot" as I thought.
I pasted more pictures into
the album. Read in bed.
I sure hope the wedding
will be soon, for I'm
getting tired. Oh dear.

Wea. WED. JULY 2, 1930 Ther. 7:30.
fair & slightly warm

I was unable to get down to study sewing in a.m. but did some in P.M. Although I should have ironed, I went to play tennis with Kan at 5 at unis. An uninvited player came but we had to leave him play. Went for a ride after supper because Em wanted me to. People came to consider the site of the wedding. Read

Wea. THURSDAY 3rd Ther. 11:20
fair & mild 7:20. [negatives]

Went to town with son. Travelled around town a lot. Bought a hat & coat which was much needed. Had trouble concerning my dress pattern. Was glad to get home 5:00. Read 4th & after supper.

Nick at the last minute went to Yosemite with Duke & his wife at 9:30.

Heard that Em was very quiet today. Getting better.

Wea.

FRI. JULY 4, 1930

Ther.

fair & mild

John started to learn to drive

The glorious Fourth I read
most all A.M. the marvelous
book "All Quiet on the Western Front".
I went over to Ethel's about 3.
Marjorie was there. Went to M^{rs} Eden
to get Pa & bring some home &
went to Ethel's to shoot off
fireworks 8:30 - 10:15. Wanted so
much to see Capt. H. Smith on return
^{started 2 yrs ago here at Oakland}
from world tour, but Kaech did not

Wea.

SATURDAY 5

Ther.

fair & mild

House-cleaning in A.M.
Read a little before doing a
little sewing. Went to the
Melrose lib. in P.M.². Looked
at the Examiner. Kaech
went to town & S.F. Read in
bed.

July 4.

seem to want to. The Hunter endurance
blance came down. Congratulation
553 hrs. 123 more.

Wea.

SUN. JULY 6, 1930

Ther.

fair & mild - a cool breeze
Sunday school & papers. I
read the Girl of Limberlost
in P.M. & with the exception
of going to the cemetery. It
is a good feeling to read
good books for I do not
have my thoughts wandering.
Saw Louise Murrish & Claire
Gleis playing Tennis at Webster.
Planned to play Tri at 3 o'clock

Wea.

MONDAY 7

Ther.

fair & mild - coolish
Went out early to pick up
cots for canning. Helped can &
made beds. Washed my hair
sewed in P.M. & went to hit with
Don't know. Felt the feeling of
running out of gasoline today
at East 8th & 4th ave. Wow! To
3 blocks to station. Sewed a good
write letters in P.M.

Wea.

TUES. JULY 8, 1930

Ther.

I was going to get a hair-cut but could not so I sewed practically all day putting lace and hems on my underwears.

My great joy is to listen to the "Happy-Go-Lucky" Hour over K.F. R.C. from 2-3 o'clock. I wish that I could go once & be visited as many people do.

Wea.

WEDNESDAY 9

Ther.

After my appointment at the barber's at 9, I went to town with Tok. My pattern was there with my dress mat. I have seen my pattern so much I have begun to tire of it. Walked more than necessary for Tok wanted to. Having taken a bite I tried my pattern & made a pair of shorties of numerous colors. Very cute! Sewed in P.M. in order to finish it arranged some pictures for album.

Wea.

THUR. JULY 10, 1930

Ther.

Although I did not feel like cutting, I started to cut & sew on my dress. Sewed both A.M. & P.M. Played cards in order to make a foursome & then continued to put snapshots in. Son & Keech went to town & S.F. to buy mat. for son's dress mainly. Her father is adorable.

Wea.

FRIDAY 11

Ther.

fair & mild. - well.

An article in the American magazine caught my eye. It was making bed. Read it. Very int. concerning the "interests" in Hollywood. Sewed the remainder of the morning. Went to Ethel's in P.M. & then later went to play tennis at school. 3 Boys came to the point so I played to make doubles. L.M., C.P. & Mrs. N. 10. Came about 4. Enjoyed a perfect P.M. playing a ^{great} ~~great~~ ~~shot~~ shot. Spent

Wea. SAT, JULY 12, 1930 Ther.
fair & mild.

Woke up earlier than usual.
House - clean. Started to sew in
a.m. & did so until about 3:30.
Claire & Mary came to play tennis.
Played 'til 5:15. Sewed again 'til
supper & bed-time.

Fri - 11.
out of P.M.² at Ethel's. Had some of
Wm's candy. Trouble putting
napshots in. Tried !! to bed 11:45.

Wea. SUNDAY 13 Ther.
fair & warm
took Sok's class for awhile.
S.S. as usual & with the reading of
papers (C.R.C. & S.S.) Went to ceme-
tery a little later. Son did not go.
Mr. & Mrs. Lenda came - gave Kaech a
3 trays ^{+ 2 prs. hosiery} & gorgeous! K. showed her, her
things. E.M. quite talkative. Son
said that she will get worse if we
don't get her in conversation more
take some advice. Hope for best.
Tok wanted to go show but didn't
cause Wak didn't want to. Wak has

far ^{Wea.} warm MON. JULY 14, 1930 Ther. 85

Combed Em's hair in A.M. while drying. Sewed in A.M.

P.M.¹ ^{Very restless} sat around & thought in

P.M.² Son, Keech, & Em went to town to buy Em's clothes. Drew

is adorable. She combed her hair like $\frac{1}{4}$ today. Very nice. Think

she was quiet. \equiv Arrangements to

give Mrs. p. \$10,000 for his share of land. Hope so. A separation is best

cloudy & cool - TUESDAY, 15th Ther. 85

Woke up earlier 7:00. Sewed in P.M.¹ on dress. Son getting

tired. I nearly sewed my finger. Ethel came over

in P.M.² - went over later.

Wrote a letter. Em's coat & hat cut! \equiv No one understands me

Em seems to like me.

her. to m m in to res wh the ent av be
Wea. cloudy.

WED. JULY 16, 1930

Ther.

Sewed all day with the exception of rests & hummings. Am rather tired looking at my dress. Curled Em's hair in curlers in P.M.²

er. da ny f w he re
Wea. fair & mild - cool

THURSDAY 17

Ther.

Did a little sewing & sat around. Went to town with Tok, altho' did not want to. Bought her hat, my gloves too (first pr.) Got a nice shoe-shine ("time). She is so dumb at times - No - hard to decide for herself. Bought K. an evening purse. Went to the lib. with Ethel in P.M.² Wrote a letter too.

fair & mild. Wea. FRI. JULY 18, 1930 Ther.

Woke up early. Did a considerable sewing. Finished my dress. Sewed in A.M. & both P.M.s. My rent was on my sewing & was the reason for getting so much done.

fair & mild. Wea. SATURDAY 19 Ther.

House cleaned A.M. as usual. Read an interesting article by Berenson. Sewed on my slip - ^{max. over & under} a bandeau. ^{Did apparently} thoughts of today, but forgot. Tok wants to buy a gift for Paech & son said yes. Tok was so undecided - wishy washy willow. Somehow she became real mad. Had all P.M. Wak went to town. Played tennis in P.M.² Learned few ft. Was told of Tok's complaint. I pity & pray for her.

Wea.

SUN. JULY 20, 1930

Ther.

faint mild.

6:30

Went to play tennis early sleepy & silly.
'on makes use of us when he can't get
them. Only a "kid" yet. - I. S. & papers.
Late dinner of 2 chickens, etc. since the
last sun. dinner for Kaech with us.
Dishes & to cemetery, to Hayward's - short
ride. At the very little E. M. wanted to
go to the movies & all the girls went
to Eastmont. Very good - but silly.
E. M. was very good - once laughed.

Wea.

MONDAY 21

Ther.

faint mild

Darned stockings into M. for 1st
time in ages. After ironing my
dress. Saw the gorgeous vase that Wak
bought for Kaech. Decides to return
too expensive & may not be in
Kaech's means. Cut out a cotton dress
& sewed a little P.M. Made purse
in P.M. Late supper for Mr. Nagashima,
Fuji were to come for some sort of business.
Mr. & Mrs. Senda come over in P.M.
Kaech told me "mad" with his uh & voice

Wea. TUES. JULY 22, 1930 Ther.
fair & mild - some dark clouds.

Made my coin purse & different
odds & ends. Sewed too. The bus
like & yet not so. Oh gosh

Wea. WEDNESDAY 23 Ther.
fair & mild - ~~clouds~~

Sewed a little in A.M. & a bit
in P.M. Went to shoemaker &
sewisthers with E.M. - need some
mat. for collar. Just sat around
after supper & talked. Kaeck is
getting numerous gifts. Dr.
O. Abnerhart of Mills Colley came
to give H. gift - a splendid surprise
she met Pa & seems to like him.

Wea.

THUR. JULY 24, 1930

Ther.

fair & mild - cool early a. m.

Moved more furnitures etc. & cleaned the sewing & up in a. m. Washed hair in P. m. Read & then went to Ethel's. Planned a swell P. m. with Ethel at home but had to go with the others except Kame to rehearsal. People make me mad in a way. Talked about it at home. Some things are wrong. Hope for best. Never got to bed until 12:30.

Wea.

FRIDAY 25

Ther.

fair & mild - cool breeze 6 hrs. sleep

House - cleaned in a. m. Rinsed E. m's hair for her. Just eat around & everything. Kame got a swell personant. - others & marcel. He will be glad when over about this agreement with uncle. Gosh some people are coming for the debts already. Worried. Rich went to a good lawyer in town. Mr. & Mrs. Senda & Mrs. Aihara came over in P. m. Mr. Ichimaru too. 12:30

a hr. of sleep.

Wea. SAT. JULY 26, 1930 Ther. cold
fair & mild - foggy in a.m. & P.M.

The big day. Made final cleaning
sat around, did errands & then we cleaned
up. Had to rush in the end. Mr. Nagas
ma's family came 1 boat late as we
ing was detained. Don & Kaeck both
ed very good in the gorgeous cat church
1st Methodist. E. in very good. ^{in P.M. a little time} Decided
home. Hungry, we ate a Japan dinner
the counsel & wife were here. With a sea
Mr & Mrs Nagashima went away after the
of the coats left at the church. ^{sent to bath}

Wea. SUNDAY Ther.
fair & mild - cold chilling wind.

Cleaned the ^{wedding} office, 4 S. S. & the house
papers & lunch at 1:30. - a meager one
to cemetery. Wished to go to Eastmont
was unwell. Was mad for Ken later went
to a show. Ethel's my plans ruined. ^{the way to second stage - 4:30 - 5:00}
ed around 'til supper. ^{perhaps it was that not light} Lot offered to take
me but no one understands that I want
the companionship of a friend instead
of a sister once in awhile. ^{from only twice} ^{from}
little to myself. Ken has gone out so much
Read a little. We were silly ^{the kids stand} & happy

Thur. sleep
11:00

of our
factory.

rev ma
if I could

a ride

to come

, so take

with E.B.

Farrell

~~out. I~~
the pair
Cher

yesterday

ed socks,

o. Went

into warm.

if every

now. I!

ed. The

mosquitoes

, I'm²

ice

cream.

the
face
We
the
out
up. The
main
ing
at
1st
from
the
the
of
of
papers
beneath
was
To
it
me
the

a grouch. Queer! makes it hard for us.
wrote a letter. Tom needs some softening
my back aches from playing with
Don. yesterday.

Sunday July 13

of a winter
able to myself. How
should be better. We
was willing to
happened

Wea. MON. JULY 28, 1930 Ther. sleep
cloudy & cold a. m. - fair & cool p. m. - 11:00

This a. m. we moved back many of our
furnitures. I mixed my slip & read a story.
Then Ethel called me. Told me that her ma
would go to show tonite with us if I could
go. Played around, talked, went for a ride
with Lon & Em. - Had to ask Tok to come
to show - Em saw, & wanted to go, so Wak
& Lon & Tok went while I went with E.B.

It was adorable. Janet Dagnou & Charles Farrell
in "High Society Blues" at Eastmont. I

Wea. TUESDAY 29 Ther. ^{done the pair}
fair & warm so diff. from yesterday
Helped pickle cucumbers, darned socks,
& had the hem of dress pinned. Went
to town with Lon & it was quite warm.
all P.M.². Gee but it seems as if every
body seems a little happier now. I
guess the strain was hard. The
warmth brought many mosquitoes
around. Wrote letter in P.M.²
after the refreshment of ice
cream.

fair Wea. WED. JULY 30, 1930 Ther.
warmer.

sewed almost all day A.M.
P.M. ^{1 & 2} & finished my dress
in P.M. ² E. on had one of
her outbursts tonight - 1st
time for as long time.

Ken's kind of spoiled. He
was really told not to go to swim-
ming but gets his way & goes
saying that he will be back
early + 10:30 - makes us get out of

fair Wea. THURSDAY 31 Ther.
warmer.

Woke up early 6:00 & went
to play tennis with Ethel
at school. Ironed & cut another
dress out. Sewed in P.M.
heard "Happy Go-Lucky" for
1st time in ages. Went to
hit & Ethel in P.M. ² with
Ethel. Party went some-
where & we don't know where.

W^{ea} dull & cold at times. FRI. AUG. 1, 1930 Ther.

Sewed practically all day. Was restless in P.M. because I just couldn't get the collar of my dress right. Sewed in P.M. too. Jammed some apricots in P.M. Have been eating too much lately. It is awful!!

Spotie was back home again. He is getting too ferocious. Sun: - Bite Mr. Senda's dog Tommy.

W^{ea} dull, cold, & foggy-like. SATURDAY Ther.

Clean house in A.M. - cold. Sewed in P.M. Stuck some snapshots into the album in P.M. Gee but Kan seems to like himself and gets on my nerves more. Looked at papers.

Pa & Kan went to the dedication of the Ashland garden.

I have a certain liking to P.M. in spite of her laughing & talking

Kind of means to know yet it is finished
& gets mad at me but I only laugh

Wea. SWN. AUG. 3, 1930 Ther.
maj. of day - cloudy - like chilly weather

Woke up rather late & then
S.S. & read again. Uncle ate & he
is a disgusting thing. Too tight!
He put water on a plate to clean so
he can drink it. Dirty shirt & sweat
too! Ugh!! He can well afford it to

Kearns' older sister come. Went
late to cemetery. Went to developer
Ethel. Wrote letter in P.M. & laundry
to see what I needed for school

Wea. MONDAY 4 Ther.
dull a.m. fair & cool in P.M.

Revised one of ma's dress first
thing in a.m. - & helped Lou cut
one dress. Went to town & show
with Ethel in P.M. saw the Big
House at the J.P.D. Very good. Got
home about 7:30. Sewed some
more. Just sat around in P.M.
for only a short time & he
discovered that Lou's skirt in front
was cut wrong. Feel awful
about it.

Wea. fair & mild. TUES. AUG. 5. 1930

Ther.

Started to fix E. M.'s dress in A. M. after helping ease some flares. Then finished my hem on dress. Dashed to town about 2:30 to buy pattern for jacket. Kae & husband came over - supper - left ^{about} 19:30. Sewed hooks on belt & buttons on dress. Signs of it but took a bath anyhow.

Wea. fair & mild. WEDNESDAY 6

Ther. Sh

Sewed dress & cut jacket out. in A. M. Sewed all P. M. & got quite a bit done because Wak helped me all along. Basted a little in P. M.

Wea. ^{THUR.} AUG. 7, 1930 Ther.

Worked on jacket in A.M. Washed hair in P.M. in spite of it & it was off. Worked after that too. Jacket is almost done except pockets. Did dishes. Wak, Tok, & Kan went to see the Big House. Went for a walk. We talked about the other kids I guess Wak will go to Mills. Thank goodness not Cal. felt would like Stanford for her. ^{asked} ^{son} about K.F.R.C.

Wea. ^{FRIDAY 8} Ther. ^{very}
old, dull, cloudy, heavy fog, some sun getting
Got up hair cut first then after talking a little about the K.F.R.C. After plans, almost finished jacket & Tok & I went to the Happy-Go-Lucky Hour at 8.7. in at 9:15 but studio filled already so we saw from outside glass window. Staffy artist were off. but all didn't look like I expected. Tok said I'll go if you want to but she was tickled pink. Boat in much of time. Planned purchase

Wear. fair & mild. SAT. AUG. 9. 1930 Ther.

Clean house in a.m. Lou & Pa went to S. F. for that " + P's party which Pa gave for K. but really 'cause they've been wanting one. Cleaned my shoe. Made a purse in P.M. Went to Ethel's in P.M. & put up her hair for her. Worked on purse again & going to bed.

See how hard-like! Watched for them - Hamburg

Wear. foggy 9 a.m. fair & mild P.M. SUNDAY. 10 Ther.

Looked at Chronicle & S.S.V. Ex. after. Read S.S. papers & going to the cemetery. Finished my purse in P.M. Made a coin purse & other preparations for school tomorrow. Went to Ethel's for a while. Good but I fell - am glad to go back. Sleep about 10:30. Nice bath.

Wea. Mon. Aug. 11, 1930 Ther.
foggy a.m. fair & mild in P.M.
Back to school. Woke up at
6:30. Gee its good to be back. Had
fun in major. Typing - Brodwick
study - Hunt, English - Jordan, B. J. W.
Polson (easy), Physics - Mueller
& gym at last & end. Good
old Velma & Teresa at lunch
but gym with J. only. Went to
town & stopped at Ethel's. Study
in P.M. after dishes. Good.

Wea. TUESDAY 12 Ther.
foggy a.m. fair & mild in P.M.
School again. Like typing
but hate the kids in my classes
in general. Eng. not so hot.
Big fun in Physics. Was
up at gym office gym. Fun.
Went to town & then home
again. Practiced typing &
study in P.M. after dishes.
Up til 11 'cause Kasech was
home & had company down stair

Wea.

WED. AUG. 13, 1930

Ther.

foggy - lt. fair & mild

Mrs. Jernyson gave me a lift this a.m. It seems hard to remember back to Wed. (today is Monday 18) & can not remember anything special except stood up til pretty late. 12:45. Probably earlier for I remember taking a bath.

Wea.

THURSDAY 14

Ther.

foggy - fair & mild

Have only a "foggy" idea as to what happened. only was up to late. Ugh! what dredgery. Oh yes, I believe Rich went out & brought some hamburgers. Kan come home just 4/4.

Wea.

FRI. AUG. 15, 1930

Ther.

foggy - fair & mild
 Typing is O.K. & I sure do
 like my gym class - 2 - now.

Velona is in my Eng. class
 now. I surely do like her &
 wished I sat by her. Big blunder
 in physics test. Gosh! Don't
 know how I came after me. Went to Hay
 wards. Michiko & tomato too.
 Just 4/4 supper got home. Went to
 Ethel's in P.M.²

Wea.

SATURDAY 16

Ther.

same as yesterday.

up a little later. & house
 clean as usual. Some kids
 came over 4/4 lunch & stood
 outside - read bk. & papers in
 P.M.¹ 4/4 studying my history
 which I did likewise in
 P.M.² 'til late. 11:00. - Not so
 bad though. Cannot find
 my overcoat. Gosh I hope
 I find it

Wea.

SUN. AUG. 17, 1930

Ther.

foggy in A.M. fair & cool in P.M.
 S.S. as usual. Slept 'til late.
 Papers after S.S. & $\frac{1}{4}$ going to
 secretary read. Class expects to
 go to S.S. picnic on 30. Mr. &
 Mrs. Senda came. & we got
 supper. Gee, he is a Jew. He
 went to L.A. & just wore one
 shirt. Ugh! Hate him!! Study
 gain. How I love it.

Wea.

MONDAY 18

Ther.

foggy-like-heavy fair & cool in P.M.
 School again. Typing is swell.
 Big fun in gym with Jeannette
 & depart. Not hot over Eng.
 or Hist or Physics. Came
 straight home at itudier
 nurse. Pretty late 11:30 to
 sleep 'cause of back diary
 too. No trace of pen.

Wea. TUES. AUG. 19, 1930 Ther.
fair & mild.

Made some awful mistakes
in papers to hand in typing.
Those in class were swell.

Lots of history to do tonite
but didn't stay up so ex-
ceptionally late. 11:00. Al-
though Jeannette Orr is
well she's a swell kid & I like
her as much as Marion Munders.

Wea. WEDNESDAY 20 Ther.
fair & mild - warm.

We went out for about 10 min.
in gym. Have Hansen - Hanson
is in with me. - Fri. changed to a-
cross. Thank goodness my
history is in. Was gandy to
copy my English but my
energy was about gone so
went to sleep when Wak & Bob
did. Our first typing
budget work began today.

Wea.

THUR. AUG. 21, 1930

Ther.

Fair & mild.

Had swell game in basket-
ball. A test in hist. too. Came
home after tennis meeting.
English notebook. Whobie.
Worked 4th supper & after to
about 1:30 A.M. sleepy & tired!!
and how. Took time putting
pictures etc. in.

Went early so that I could
copy some more English

Wea.

FRIDAY 22

Ther.

Fair & mild - warm.

I'm plenty tired & sleepy. My
back aches like. We made out 600
program cards today. Thank
address my notebook is in a
lect but didn't turn out so
hot in my hist. test. Physics
by. Went down gym latter pt.
of 6th. Have Miss Hansen. Went to
town to get Loh's Mentor but she
went for wrong one. Home for
supper. Cleaned lib. in P.M.² - sleep!
Don't get laundry from 17:00 - 10:15

Wea.

SAT. AUG. 23, 1930

Ther.

fair & h. warm

Woke up about 9 o'clock. The house - cleaned. Shined my shoes & lunch. Darned socks set around. Went over J's. - D. ready for B. R. Party. Went down with her. Hosh but I wished that I hadn't dressed so good. Games, eats. Forfeit game. - "I had to yell yoo-hoo from window. Felt very nice at times. Our family is that

Wea.

SUNDAY 24

Ther.

fair & warm - h.

Took Michiko & luncheon to S. S. today. What a chd planner for S. S. picnic. Washed hair & going to cemetery. Set a round, slept, fed chickens, & studied about 5:45 & after dishes. Toke went to S. F. with Dorothy. Bed about 10:30. My turn to go in - regular time.

Wea. ~~odd~~ Mon. AUG. 25, 1930 Ther.
stuffy, rain, clear.

Thundered & lightening
about 5:30 A.M. Don't
remember much happen-
ing during classes except
went down to gym. 6th change.

Went to a club meeting.
Swimming Fri. into now. Heck.
After football too. Study as
usual. Home on train.
Dancing!!

Wea. ~~dull~~ TUESDAY 26 Ther.

fair & cool - mild.
stood after school for
S.A.A. officers' meeting.
Head of refreshment commit-
tee. Nothing else special.

Quite a bit of history.
Played in gym. Great
fun. Was chosen a squad
leader.

Wea. — WED. AUG. 27, 1930 Ther.

dull

fair & mild.

Another budget for typing coming on. Didn't play all the time in gym. I guess I came right home & studied. Don't remember

Wea. — THURSDAY 28 Ther.

dull - fair & cool -

Up a little earlier. Brought a big bunch of roses to school. I stood inside in gym but fear doing Vig. ill. Gym. depart liked flowers. Introduced to Miss Weeks, head of gym in O.P. school 'cause Miss Jenkinson wanted to. Read Physics. Went to town to get the ^{books + get it} John's magazine. Met for. Ride home. Look but Jordan is guess & Miss Polson is a fun teacher

Wea.

FRI. AUG. 29, 1930

Ther.

all a.m. fair & mild P.M.
up about 6:15. Slammed
over history. It surely is
going to be hard to get an

Hygiene

ment

house

ball

West

it

me

her.

to

6/4

crisis

didn't

'ad fun

Park

shall

Christian, Ethel & I went to T&D.
saw Moran & Mack in "Anybody's
Dad." Swell & funny. Just got
train. Stopped 'cause of drunkards
near Oak. Talked about frankly. 11:00

Fri. Aug. 29.

his birds & then he was queer. Said I looked sweet & wanted me to kiss him. Had to in the end. He hugged me very nervously. Couldn't say much but he told me not to tell anyone. Gosh! It surely is funny & don't like him so much now either.

Aug. 28.

Mrs. Schuetz is actually going to teach dancing. Mrs. Dyke told me secretly. Had a rally! Disappointed 'cause Mr. Jacobson wasn't there to talk to us for 'just a short time'.

Wea.

all U.S. ...
up a ...
over ...
sing ...
ind ...
today ...
er da ...
week ...
ame ...
is Ethel ...
som ...

Wea

Jan ...
St ...
House ...
lunch ...
some ...
show ...
most ...
Alan ...
Christ ...
aw & ...
Dor ...
train ...
ness ...

Fri. Aug. 29.

his wife & then he was queer. said I looked sweet & wanted me to kiss him. Had to in the end. He begged me very nervously. Couldn't say much but he told me not to tell anyone. Gosh! It surely is funny & don't like him so much now either.

Aug. 28.

Mrs. Schuetz is actually going to teach Sunday. Mrs. Dyke told me secretly. Had a rally! Disappointed 'cause Mr. Jacobson wasn't there to talk to us for just a short time.

Wea. FRI. AUG. 29, 1930 Ther.

all d. m. fair & mild P. m.
up about 6:15. Slammed
over history. It surely is
going to be hard to get an
A in typing - 30/min. Hygiene
today. Phyllis is off. Mr. Munt-
ler doesn't give homework over
week-end. Went to 1st football
game against Mission. Ugh. Went
to Ethel's after school. Wasn't
home. Her father showed me

Wea. SATURDAY 30 Ther.

fair & mild.

Slept swell & 'til late.
House-cleaned - mowed $\frac{1}{4}$
lunch. Went to S. S. picnic.
Some of kids in class didn't
show up - to Neptune. Had fun
most of time - Lincoln Park
Alameda. Played baseball.
Christin, Ethel & I went to J. H.
saw Moran & Mack in "Anybody's
War." Swell & funny. Just got
train. Stopped 'cause of drunkards
near Oak. Talked about frankly. 11:00

Wea. SUN. AUG. 31, 1930 Ther.
fair & mild - cool in P.M.
Slept 'til 9:00. I did - Breakfast
Anharis kids Went to 14th.
Read papers $\frac{1}{2}$ dinner & cemetery
" after too & studied in
P.M.? too 'til pretty late.
Mr. & Mrs. Lenda came. Late
supper. Didn't get as
much done as I wanted to

Wea. MON. SEPT. 1 Ther.
I did English all morning.
Then went to Lomth Mateo way to
the Japanese Reception for F.I.D
out there. Pretty good. Came
home & went to China 1st
dinner. Pay but it was
"been". Rate plenty. Did a well
more study. Gee Yimm!

Wea.

TUES. SEPT. 2, 1930

Ther.

These days were busy is all that I remember.

Wea.

WEDNESDAY 3

Ther.

Wea.

THUR. SEPT. 4, 1930

Ther.

Wea.

FRIDAY 5

Ther.

Played a tennis match at Manzanita
to. Came home & then got ready
to take my 1st swimming lesson
and dip in water like that. The
kids came late but gee it
swell. I'm not so hot just
fun. Wok & Jak came after me
we went to Flower show at
San Leandro. Nech's exhibit
Mr. Dyke come too. Walh
around & waited till about

Wea.

SAT. SEPT. 6, 1930

Ther.

House-cleaned & study is
all that I can remember
of today - Sept. 27. - a
small cold is what I got.

Fri - 11:45 for Nick. & then talk
about tired, sleepy & what
not. - say creek side.

Wea.

SUNDAY 7

Ther.

Oh I studied as well as I
could but ugh! cold. In spite
of it, about 9 o'clock we
went out to Flower Show. Every
body was taking flowers
but I was disappointed.
Home! Study a little for big
English test. & bed.

Wea.

MON. SEPT. 8, 1930

Ther.

after having played basketball
I went to inquire about the
candies for S. A. D. party tomorrow
to N. R. meeting with Gene.
Got there pretty late. My poor
cold!! Study again. Had the
big English test!

Nick got a \$1.00 prize.

This week - Nick for getting belly-ache
Parasites - Poor kid.

Wea.

TUESDAY 9

Ther.

- No school today.

I remember that I wanted to
go to J. F. today but couldn't
'cause Lon told me to take it
easy. Very nice too. Did
history. I went to play
tennis about 10 at Lockwood
but A. B. didn't show up 'til
late - Velma's pa took us
around to other courts but didn't
play in the end. Heck!

Wea.

WED. SEPT. 10, 1930

Ther.

Had the candy ordered & cut paper to dress suckers in gym period. Heck! The suckers didn't come today. Stayed for basketball & study.

Whoa!! Jordan make mistake in correcting paper & as my paper became an "A": Gee!!
Physics test today too.

Wea.

THURSDAY 11

Ther.

Went to the store early but suckers had not come, noon, same, & at last between 4th & 5th per. I got there. They were dressed & eats went O.K. Just enough. About 96 people in all. Wore my red & white dress. My talk on Fed. was O.K. Had pretty good time. Home & study!

Wea.

FRI. SEPT. 12, 1930

Ther.

sun out about noon. fair - cool day

Well, the last day of the 1st quarter
Expect a "C" in typing. Oh, well,
my first C.

Wea.

SATURDAY 13

Ther.

fair & mild

Cleaned my room and I started
to make a skirt over. Alice
call me up. Had to call "J". Went
to G.A. Conference at "Y". Was
pretty good. Different discuss-
ions, & how to make things
supper, skits & a little danc-
ing. Met some nice girls. So
came after me without "please"
actually to sleep about 10:45.

Wea.

SUN. SEPT. 14, 1930

Ther.

I guess about the same thing. & plenty to do because I haven't been doing much history during week because of bad cold!

Wea.

MONDAY 15

Ther.

A nice new day to start the new quarter. Oh yk?
27 - Seems like I am not going so hot "Refed" after school & home! plenty of history.

Wea.

TUES. SEPT. 16, 1930

Ther.

Went to play tennis & wif
one game at Menyanite.

Wea.

WEDNESDAY 17

Ther.

Cards today. Most marvelous.
Gosh but I got much bet-
ter than expected - a B.
typing - oh a surprise indeed.
rest is in Physics, Eng.
A.T. & gym. The ~~rest~~
plenty of work. Basketball
tonite. Lots of fun.

Wea.

THUR. SEPT. 18, 1930

Ther.

I know that there has been quite a bit going on in my mind about labels but I don't remember ~

date (?) Found out Wak is staying out this quarter & going back to Stanford at the beginning of next year. I'm so glad she's to go to Stanford. When am I going? Don't know!

Wea.

FRIDAY 19

Ther.

Went to the game with Muriel Salmonson & ^{new} Dot Evinson. But Fremont against Alameda.

Was 13-0. - swell game.

There wasn't any swim - being so cold right home. Didn't study very much but some. Gosh but how I do hate to think about my unanswered letters.

We got a pleasant job (over)

Wea.

SAT. SEPT. 20, 1930

Ther.

not very warm.

Clean house & read plays
in a.m. & p.m." Studied in
p.m. as I remember.

Good but there is no
much to do.

Fri. Have to take the attendance of
all basketball - Wow - Well!!

Wea.

SUNDAY 21

Ther.

Oh! yes. I remember it rained &
thundered in early a.m. to 9.
but cleared up. I went
through the regular Sunday
routine about.

Wea.

MON. SEPT. 22, 1930

Ther.

have books again & all 6th.
took charge of basketball
route & wow!! One team didn't
show up, locked timers, refs,
just bad luck to me but
lived through it. Grace Sato
waited for me & went to G.R.
meeting. OK. home just in time
for supper. Etude in encores.

Wea.

TUESDAY 23

Ther.

Written - Sept. 27. - Gosh but I've
so much to do I just don't
know when to do $\frac{1}{2}$ of it.

Muriel & I have gotten so
tired at the same books that
I stood after school to fin-
ish them. Thank goodness.

Can't find my index card
well I guess it's gone for
sure. Gosh \$1.00.

Wea. WED. SEPT. 24, 1930 Ther.

Stayed after school to play
basketball. Small game

Thurs. Have to talk for L.S. Assn.
by. Good!!

Wea. THURSDAY 25 Ther.

Whoopee! We aren't go-
ing to have Eng. test to-
morrow. We got raw in physics
Balloon rubber sheeting (that)
Stayed for tennis meeting
went to play tennis at
uncle's with Wilma + Flo. O
day but we surely to
work in sixth & don't mean
perhaps — History talk
Didn't study much. ^{Had to take up} went to show

Wea. FRI. SEPT. 26, 1930 Ther.

fair & real mild
Went to Mr. Mueller to ask
about problems. ~ don't have
to do them. Lucky break!! Big
shot. Assembly. ~ Not so hot.
See but I have more fun in
physics. ~ More work in
6th gym service. Murrell &
I get plenty to do. Birthday on
same day. Home - read a play & then
swimming at 7 - Swell - 8:45 - Read

Wea. SATURDAY 27 Ther.

cloudy - air a cool sharpness
Woke up early. House - clean &
read a play. Went to Granada to
see Roman Navarro in "Gay Madrid"
Pretty good voice. Finished play
at supper. Dishes & study.
Haven't written diary since
Sept. 1 & tried to write it up.

Wea. SUN. SEPT 28, 1930 Ther.
rained & shiny & sharp.

I. as usual. & read. Did some
history & going to cemetery. Girl
took us 'cause Louis' Chinese
friend came over. Studied &
& after supper. Whoa! that
English test. Rest in bed a
little. ~ 11:20

Wea. MONDAY 29 Ther.
cool breeze - damp.

Back to school today again.
Speed test in typing. Not so
hot but horrible in English
test. Those score-cards again.
"Def" & took Mari's team because
Muriel wanted me to but not
again. Was a flap today. Staid
to write letter to Alice Davila
on train all at hospital - evening.
Stopped at Ethel's. So going to
a party. Finished letter & study.

Wear a little. TUES. SEPT. 30, 1930 Ther.

Went to the Central Shuey Cream-
ery out in Telegraph some-place.
On a bus in bunch. Vel & I
had big fun. K.K.K. Had ice-
cream & milk. Got home just
in time for supper &
plenty of homework.

Wea. WED. OCT. 1 Ther.

Kash, couldn't get on the
draft of the English but I
guess it was OK. Got English
test papers back & gained some
pts. Played basket-ball after
school. Forwards. Gee what
shot. - My talk for D.A.A.
Assembly was just OK. &
no better. I'm glad it is
over.

Kan went back to school

Wea.

THUR. OCT. 2, 1930

Ther.

I stood after-school to put
my typing badges to together
& then home. Tried to write
some poetry. Homework & book
Got a B on Eng. test.

Wea.

FRIDAY 3

Ther.

We worked on some
cards again. Dash down
the hill to game 'gainst
Castlemont. - First O.A.S. Poter
game - Too many penalties on
both sides. We won 7-0
Dashed home & then to Y. to
swim. So it's swell!! Dived
from diving board - Norm
to bed.

Wea. foggy & then dry & sultry. SAT. OCT. 4, 1930 Ther.

House cleaned & then went to Bella Vista to play tennis. Velma & Dorothy were there. Washed hair in P.M. & read a play. I typed all evening on a list of plays. Soon to sleep. Ken came home.

Wear warm & dry. SUNDAY 5 Ther.

S.S. today & woke up late. Papers & dinner. Dishes & a little homework. Ethel come over after I went to secretary to type for me. I studied. In the P.M.² studied too. Didn't do much history but can't help it. Off to bed, I'm hungry now.

Wea.

MON. Oct. 6, 1930

Ther.

can & ~~catch~~ water

Refed bucket-ball game & I don't like Winifred Fox's sportsmanship & crabbing. She but Mayorie is swell. Grace Sutton myself went to H. R. meeting home in time for supper. The kids are off but we so silly at times!

Wea.

TUESDAY, 7

Ther.

send but chilly in P.M.

At last we have gotten rid of the scare book for the practice season. Stood for handball meeting. Muriel wants me to stay on Tuesdays so I decided to but gosh that means only Thursdays that I can go right straight home. Maybe I will drop something. I think that I've too much to do.

Wea.

WED. Oct. 8, 1930

Ther.

~~clouds, sun, chilly~~
English & Physics test. And how!
I feel awful about English 'cause
I cheated!! I'm going to see if
I can't do better next time & never
do (use when correcting again.) Did
n't even peek in physics test.

G.A.A. meeting tonite. Big mem-
bership. Told about basket-ball com-
ms. Tuesday about. Cut G.A.A. bot-
tons. Home & study - late to bed.

~~old~~ Wea.

THURSDAY 9

Ther!

21 yrs.

John's birthday

Made an A in accuracy & C in
speed in typing today. Was burnt
up today. Was going to go & play
tennis but had to stay after school
& look after basket-ball. Good!!

Home & study. Just don't feel like
it either. Margaret (J. girl) wanted
me to go to S. R. conference sat. at
Berkeley. Those kids get me roused about
swimming. Well. Can't expect too
much. Fri. Phoned I wouldn't go

Wea. FRI. OCT. 10, 1930 Ther.
sun in p.m. but chilly wind.

96 in basket-ball test & B+ in English test. 97 in physics test highest. History class awful & a substitute at that. Oh well. didn't take us to game but we went on street-car & bus. Whoops we beat Tech. - 13 to 0. Ate in Town & went swimming for fun. Wake came in too. Ethel & Vera came down. Silly on way home missed train. Slept

Wea. SATURDAY 11 Ther.
dull clouds, cold rainy. sun in P.M.

Woke up late & was glad that I had decided not to go play tennis as G. R. meeting for kind of tennis. House-cleaning & read & lunch. Listened to Stanford-Minnesota game. Swell - 0-0. All games close today. Finished play about 5. Sewed a little til supper. & studied after. - Boon son - has a pretty bad cold. - He's done a lot for us. Read in bed.

Wear. SUN. Oct. 12, 1930

Ther.

cold - rain

Read in bed this a.m. & up. (7:00)
I looked at papers & read 1/4
a dinner. Sewed on skirt 1/4
going to cemetery until supper.
Buried until about 8:00.
Kaeck went home & ran back.
Feels good to really have all of
tomorrow's necessary homework
done

Wear. MONDAY 13

Ther.

fair & mild

Up again to start the other half
of the term. A new dance in
gym. Mr. Fisher came to history
today & got me some. Went to G.R.
meeting for short time. Told them
of swimming. Home supper. - a
little studying. Went to see "The
Unholy Three" with Lon Chaney. Oh
well, a marvelous actor & his death
surely a loss of the world. His expressions
Home & a little study. To sleep about 11:00

Wed. TUES. Oct. 14, 1930 Ther.

fair & mild
stood after school for basketball today. Got it too. Home study.

Wed. WEDNESDAY 15 Ther.

fair & mild
We didn't have to play basket-ball tonight. Dad brought me some money to buy shoes by myself today but couldn't find any. Home & plenty of homework - that is for my English.

Got cards today. A - in Log & others are the same as 4/4

Wea. ~~clear~~ THUR. OCT 16, 1930 Ther.

Had to go in for gym today.
stood after school & did physics
ap. & then to lib. missed
train home on account of the
lib's block. Supper & dishes for
Tom & Tok went to reception
given by Council General. Couldn't
study, sleepy & very wandering
mind. Bed at 11:00 B on damned
round yard - maybe a relapse?

Wea. ~~rain~~ - FRIDAY 17 Ther.

Got up early to do physics
didn't. Awful all day on account
of it. Caught doing it in heat,,
a good much in Dept of physics,
experiments were coo-coo. No
for me this quarter. "felt tired
& grouchy all O. M." - looked around
& town for minute & hour. Cleaned
the lib. after eating & mopping. As
Neh took me to Khabat Observatory
- K. K. K. Swell. - returns. Home &
etc. bed. Just

fair & warm. Wea. SAT. OCT. 18, 1930 Ther.

Woke up about 7:15 - cleaned room
& went to play tennis at Bella Vista
Played Annas & Dolores. Sawell fun.
Velma was there too. Home about
1:15. Got around & then went to the
Oakland lib. Home for supper &
study in p.m.² again - after
dishes. Talk about sleep (oh boy
Ken came home. Met Debra at
Sold me of Recognition Service tomorrow.

fall, cool, - rain Wea. SUNDAY '30 Ther.

Slept 'til 8:30. I. I. & papers
to cemetery & study. See but
in P.M.² I just felt doing
it forever & get tired done of.
Ken shouldn't play foot-
ball on Sundays. It is too
much. - Emil is laugh-
ing around. - Bed about 11:00

Didn't get up. Because wasn't ready.
Look but I wish that they would tell
me those things. See Una after me come

Wea. MON. OCT. 20, 1930 Ther.

all a wool, sun out in p.m.
Felt lazy all morning. Big
luncheon in dancing. Miss Polson
came back. Hurray! More work.
Took for D.A.A. officers & teachers
the meeting. Dashed home & washed
my hair. Study. Felt a little
sleepy around 9:30. - Bed about 11.
Eon had one of her biscuits tonight &
he talked a lot.

Wea. TUESDAY 21 ^{Nov. 21} Ther.

Hand-ball tonight. Did some
printing of programs with
period.

can't remember much - Written Nov. 9.

Wea. [] WED. Oct. 22, 1930 Ther. []

Stood after school for some
thing I know. We have to
have middies & shirts for the
Fed. See beef I'll be glad
when it is over. I'm so
tired of it. Bed pretty late.

Wea. [] THURSDAY 23 Ther. []

Feel sort of tired. Just went
down to class - party for a
short time & home. Got a
hair - cut ^{1/4} & supper too.
Study & plenty of it.

Don got my shirt mat. for
me & brought it to the pleater.

about 7:00. Went to China & []
Good & was I hungry? Oh Boy!
Studied a little. Can't wait to game
too. Heard she was pretty good.

Wea.

FRI. OCT. 24, 1930

Ther.

Had after school to help
 create & finish up the last
 things for the P. A. A. Fed. Got
 but it seemed to me that the
 the officers should have stayed.
 only one. Didn't go to McChymonds
 one either. - Home & then to
 swimming. Heard we won 31-0.
 boogie!! some diving.

Wea.

SATURDAY 25

Ther.

Didn't feel like getting out of bed.
 Mr. Jenkinson called for me at 8.
 Got the flowers & off to school. Had
 to do plenty. All girls were O.K. &
 played. Recreational dancing was
 been but I didn't like box lunches.
 otherwise O.K. Thank goodness it is over.
 came up - Went to Lib. & then dashed
 home. - Wak & all but Pa went to U.S.C.
 game. & that & I listened in. Fed dog
 and chickens. They came home

Lost.

41-0

Wea.

SUN. OCT. 26, 1930

Ther.

I guess that I did the regular
Sunday things.

Wea.

MONDAY 27

Ther.

Stood after-school & typed.
Mrs. Lykes is keen about it
she lets me.

Wea. TUES. OCT. 28, 1930 Ther.

Hand-ball tonight. Lost
my fountain pen. Heck! I'm
always losing something. It
makes me sick!

Wea. WEDNESDAY 29 Ther.

We didn't play basket-ball
so I stood & did some more
typing. No sign of my pen
at first but a girl heard me
talk of it & said another girl
took it to office - hadn't but I
got it back again! So glad!!

Just missed train but Ly
came along so got a ride home.
Study - pretty late.

Wea. THUR. OCT. 30, 1930 Ther.//

We lost our basket-ball game to Marjorie's team. Did a little more typing. Gosh, I went & forgot my gym at 19th Ave. & can't find them (went next morn). Gee!! I'm sick of myself. Lost Party too. ~ stood up til about 12:30 and getting my notebook up-to-date

Wea. FRIDAY 31 Ther.//

Hygiene today. Don't remember much of happenings in classes! To play game with Vel. & Dot Hughes. Sewell's game but Oakland won by a break 2-0. Oh! heck! Dashed home, got bed supper & costume for G.R. masquerade. Wore Spanish costume to E.'s black satin 3" high pumps. Sewell's ring. Party was pretty good. Danced even with a 7 minute boy. Sewell - Jay's looks & how!! Didn't expect one to dance.

Wea.

SAT. Nov. 1, 1930

Ther.

House-cleaning & then I set
 Ethel's hair right after lunch.
 Copied some poems & then went
 to the lit. Home for supper &
 over to Ethel's for Halloween
 Party. Pretty good time. Some
 dancing too. Good eat. Can't help
 but not liking her dad so much.
 Home about 11:00 - Bed about
 11:45 - Talked too with Wak.

Wea.

SUNDAY 2

Ther.

S. S. as usual. Was going to wake
 up early but Wak didn't wake
 me up. Study most all day &
 evening. Tried to write poem.
 To bed about 10:30 but forgot
 about note-book so didn't get
 to bed til about quarter to 10.
 Sleepy & tired!!

I guess. Bed about 12:15. ^{Room} dogs.

Wea.

MON. Nov. 3, 1930

Ther.

See but I'm plenty tired & sleep
Was tired all day. Went right
home after school. Two tests to-
morrow. Didn't study very hard
but went to bed early.

Tuesday

Woke a little early to study & my

Wea.

TUESDAY 4

Ther.

funny & coolish
stood for hand-bell. I brought
my jacket out. - forgot it. - Went
back - gone - back to showers.
Carmen D. said it was there.
Jewel girl gave it to me. On train
noticed my senior & honor
society pin was stolen. Gosh
but it gets me sick!! I'm
mad!! Gosh. Two tests today
Kind of tired too.

Wea.

WED. Nov. 5, 1930

Ther.

Played basket-ball after school. We lost & I got a terrible scratch - more on my hands. Study. - bed fairly early, reg. - 10:30.

No trace of pins.

Wea.

THURSDAY 6

Ther.

Wagging a. m. - ~~con.~~
Laying off. a 94 in Eng. test and in posture. Came right home & study. Bed about 10:15. Surprised about grade.

My old gymms look cool-cool but I guess I don't deserve another.

Wea. FRI. Nov. 7, 1930 Ther.
foggy a.m. - cool

Wow but I made plenty of mistakes in Speed-ball test. English test today. Exp in physics. I wonder if I get an A this quarter. Doubt it. Went to game against Univ. Had to pay 50¢. A tie 13-13. Good game but should have won. Then to swimming. - a sub. - don't know. Home & looked at papers - some studies. Had shot with Wake in back & bed.

Wea. SATURDAY 8 Ther.
cloudy - rain in p.m.

Woke up about 8:45. Cleaned room & part of lab. Went to play tennis at Belle Vista. Start to rain in p.m. Went to the Oakland lib. - study all p.m. Dishes a little rest & study. Did real early. Stanford beat Washington. 25-2 & the snobbish U.S.C. skunked Cal 7-1. They kept them 1st string string in '30 late.

Wea. SUN. Nov. 9, 1930 Ther.

foggy a.m. - fair, cool, & mild.

Was going to get up early but just didn't feel like it. Papers & study. Gosh but I've better hustle my calendar or I won't get it done. Study, study, study. Took time out about 9 o'clock to write out my 3 week behind diary - don't remember much. Got new gymms - Don't deserve them.

Wea. MONDAY 10 Ther.

foggy - fair - mild.

Well a new quarter. Have to dance for open-house. Got a 6.5 in last physics test. Well I guess I don't get an A. I'm up for B.A.A. Pres. for next term. Hope I get it but it is going to be some fight. ~ a student dance. not so hot!!
Went to see "Our Blushing Brides" & it was swell. ~ three types; sure, for money, love. ~ Talked 'til pretty late. Sleep about 11:30

Wea. TUES. Nov. 11, 1930 Ther.

fair & fairly warm
Got out of bed about 7:30. Studied
about 7:00 - 12:00. - Work on
calendar - 1:30 - 2:30 Looked at
pictures - another idea - 2:30 - 3:30
Went to town. Met W. all day acci-
dent. Home & study after dishes
again. Bed. about 10:00.

Wea. WEDNESDAY 12 Ther.

Wea. T THUR. Nov. 13, 1930 Ther. //

Wea. T FRIDAY 14 Ther. //

Wear. SAT. Nov. 15, 1930 Ther.

Went to I. 7. for the first time
by myself. Went to Kaehiapa
apartment & then we went to buy
pictures for my calendar but
had Chinese heads. Good!! then
went to different stores & back
to apartment & then home again

Wear. SUNDAY 16 Ther.

er.
me
you
ly
to
to
had
eye

Wea.

MON. Nov. 17, 1930

Ther.

Wea.

TUESDAY 18

Ther.

Wea. T

WED. Nov. 19, 1930

Ther. /

Wrote a letter to the post office
by myself. Went to the bank
to get a check on the money
I had in the bank. I had
to go to the bank to get
the money. I had to go
to the bank to get the
money.

Wea. T

THURSDAY 20

Ther. /

Voted for G. A. A. officers today &
tomorrow. I ran up for president
but don't expect to get it.

Wea.

FRI. Nov. 21, 1930

Ther.

Florence Bowen got slightly hurt
I helped her get an O.K. to go to
rest room. We got out after 4th
period to go to the East-West
game. Went with Flo. Pretty good
game - East our side had the
best all around but lost by a 3-0.
Came right home & then we had the
ann. of ma's death. Plenty to eat. ~~at~~
we came home just about to eat. Then
went back that nite to take back mv.

Wea.

SATURDAY 22

Ther.

Hubert of Redwood City. Bed late.
Coach stand over nite. I slept
with Wak & really didn't go sleep
until about 3:00 clock.

Sat. ~ 23rd day

Washed hair went to cemetery.
then got ready & went to big game.
Whoopee Stanford beat #1-0. Boon
I & Herb Price. (Kaw) Wak, Lok, Keech, Rick,
I went. We had China & % them!!
Home & sat around. A little study.

Wea.

SUN. Nov. 23, 1930

Ther.

Sunday - school. Papers & study
after cemetery. I suppose

Wea.

MONDAY 24

Ther.

her.

Wea. TUES. Nov. 25, 1930 T Ther. W

dy

Last day of hand-ball!

r.

Wea. WEDNESDAY 26 Ther. W

Wea. THUR. NOV. 27, 1930 Ther.

Thanksgiving day. Did some work before the dinner on my calendar. Oh yes. Went to the Sunday school breakfast. Ethel Joh, V. us, & I. Kacch & Karon came. Plenty to eat & testowell. Sat around the good old fire. Then worked on calendar again. ^{was} Home today. Emm at last got out of bed. She is getting so lazy but better in a way.

Wea. FRIDAY 28 Ther.

Worked on calendar in A.M. & then in P.M.: went to town & met Roxie Whitlock & Muriel Salomonson. Went to buy candy, etc. for B.A.A. party. Home at last. A little more on calendar.

I wished that Emm would quite monkeying with her hair & ear.

Wea.

SAT. Nov. 29, 1930

Ther.

House-cleaning in A.M. There was a
lot of a crouching around.
At last, E. my Tok, Kon, & Lon went
to see the Dartmouth game. Wished
that I could go but had to work on
my calendar. Wake & I was home.
Worked almost continuously.
Late supper.

Wea.

SUNDAY 30

Ther.

On calendar almost all
day. It takes so long to print
etc. Rich took me to Mac
Mara so that I could order
the Thomas candy.

Wea.

MON. DEC. 1, 1930

Ther.

G.A.U. party today. Filled the little suit cases. Pretty good time. I got my pin. Gee but I am glad that I got it at last.

Wea.

TUESDAY 2

Ther.

We have to have self addressed envelopes to get our cards or come after them Sat. & cards do not have to go in 'til Friday noon. - Duty, Luck.

Wea.

WED. DEC. 3, 1930

Ther.

Went out for the S. U. S. pin &
you. Margaret Gallagher & I were
the only ones left & they at
last decided to give it to both
of us. Gee but I'm glad.
Mrs. Tweedie gave Mabel & me
some swell fudge.

Wea.

THURSDAY 4

Ther.

Wea.

FRI. DEC. 5, 1930

Ther.

We didn't have a physics test today because we had a Xmas paper & it took more than half the period. Whoops!!!

Nick said that I could do his Xmas shopping for him.

Went to town after school.

Bumped into Lon but didn't do any buying.

Wea.

SATURDAY 6

Ther.

Clean house in A.M. Went to town with Lon & Em. Left there & tramped around all P.M. & only bought two things. Looked at paper. Some study. Wrote a letter to Harv. The first sense he went down there.

Wea.

SUN. DEC. 7, 1930

Ther.

Sunday school & papers. Home
study. Finished my calendar.
Whoops!! I'm plenty glad.

Wea.

MONDAY 8

Ther.

Some physics test today. Calendar
went in today. Went right home
after we had a meeting to ^{choose} see
who was to get the G. A. C. cup.
Evelyn Peterson is to oh gosh.

Evelyn turned her ankle yester-
day & is in bed. Poor kid. Her
brother had his eye taken out
too. I pity them.

Wea.

TUES. DEC. 9, 1930

Ther.

English test today. Got a ride to school from Mrs. Tenneyson this morning. Stopped at Ethel's on the way home. A we hit study for quotation English test.

Wea.

WEDNESDAY 10

Ther.

I got a 100 in English. Can't believe it. Stopped at Ethel's. She was there. We made some candy. Pretty good. At Ethel's had for her. Reviewed physics. English books went in today.

Wea.

THUR. DEC. 11, 1930

Ther.

See but sometimes I feel so
lonesome at school. Books went
in today. Got an slip from Tuttle
to see if I can get another honor
society pin. Had to take Margaret
Gallagher's mother around sixth
period. Gave her my S. U. S. for
Mag. is sick. Home & filed some
of my papers around.

Wea.

rain - a little FRIDAY 12

Ther.

Whoops. The last day. Got my new
S. U. S. pin. Snow assembly O.K. but
honors to some weren't as hot.
Beat it to town. Had lunch & shopped.
To mas. Met Lou at parking station
& Lou. & home again. Jolted
around & made whoops. Time

Mr. Muller came today

Wea. SAT. DEC. 13, 1930 Ther.

wake up about 9 o'clock. Cleaned house. Went to town in P.M. & got the rest of my shopping done. Some pretty good stuff. Spent most all evening trying to get my account straight. Then looked at paper. Have to go & exchange son's crystal. Gee but we are acting silly. Got my cards. As in English, Physics, Hist, Gym & Glas of Bio

Wea. SUNDAY 14 Ther.

wake up late & to Sunday school. Looked at the papers & had late lunch. John & I went to see Jackie Corgan & Mitzie Green in Tom Sawyer at Chas. & D. Pretty good. John get annoyed at times but I'll learn. Home & supper. Was doing dishes when Ethel came to see if I wanted to go to church to see some slide. John & I went. O.K. Dressed some socks & to bed.

Wea. T

MON. DEC. 15, 1930

Ther. //

Woke up about 7:45. Made
bed etc., then went to town to
return Don's crystals. Got home
about 1:30. Ate lunch & then
sewed. Was plenty silly with
Wah but got quite a bit of the
pajamas done. After dishes
leaned out stationary box & tried
between talking etc. to catch up
with my diary a month or so behind.

Wea. T

TUESDAY 16

Ther. //

Sewed in A.M. & in P.M.
Worked on pajamas. Wrote a
letter to Ken in P.M. and then
sat around for I was no longer
in the mood to write letters.

Wea.

WED. DEC. 17, 1930

Ther.

Finished the second piping in the a.m. started to fix over some of my other things in P.M. After doing dishes for the 3rd time today helped Ned & then wrote letters.

Gosh I hate to think of what is to come to me after graduation.

Wea.

THURSDAY 18

Ther.

Woke up fairly early 8:00. Went to town in a.m. got cards, pattern, home about 1:30. Sewed off 4:00. Tried to fix my skates. Wrote a long letter to Jean & addressed few cards.

Wea.

FRI. DEC. 19, 1930

Ther.

Wah & Tok washed & so I washed
the dishes & scrubbed the sink.
It took me 'til about 10 o'clock.
Then I washed a skirt & went to
fix skirt. Went outside to
work 1:30 - 5:30. Sewed in
P.M.²

Wea.

SATURDAY 20

Ther.

Cleaned house in A.M. Done
about 10. Son went down to get
Pan. due came today & so I ^{did} not
have to do dishes at noon. Washed
my hair. Was outside walking
around & then sewed 'til supper.
Addressed cards in P.M.². Can
still monkey with ear but
chups in conversation more.
Got a card from Fils Tennison

Wea.

SUN. DEC. 21, 1930

Ther.

Sunday school as usual. Went to the cemetery after dishes. I did a wee bit of sewing. To ~~ok~~ I went with Ethel & her mother to church to see the Sunday school program. I surely did wish that we had gone to the San Leandro church so that I could hear "Joney" sing. Home & bed.

Wea.

MONDAY 22

Ther.

I must have sewed the most part of the day. I know that in the evening after acting sort of silly we went to Monkey Woods & then after we trimmed the tree. Got to sleep about 12:00.

Wea.

TUES. DEC. 23, 1930

Ther.

I must have sewed the majority of the day. I wrapped my Xmas presents in P.M. Had a happy & joyous feeling. After bath, tried to convince Sak that she wasn't below average & that we others were just higher especially Wak.

Wea.

WEDNESDAY 24

Ther.

House - cleaned a little.

Wak went to the dentist & then son went to town in A.M. I helped Em wash her hair & then after having lunch, we went into the lunch sewing room. I wrapped the things that son was to give to other & sewed a little. In the evening after a little resting & talking I made some button-holes on shorts. Many cards were sent.

Answer the 2 weeks

Wea. THUR. DEC 25 1930 Ther. ⁴

Queen's photo from 6th & Canary & ditto
Didn't wake up any too early.
Made bed, darned socks & etc. Went
to the cemetery & then opened gifts.
Kaech & Kaoru came. We had a nice
dinner. I got a nice belt & two
scarves, a purse from Loh, & bracelet
ditto. The dishes & then sat around.
We then went to get some ice
cream. Sat around & ate candy.

Wea. FRIDAY 26 Ther. ⁴

Got a card from Pile Furuta. Oh!
Woke up about 9:00. Swept the
Kit. & dining room. Then cleaned
up drawers & put away gifts. In
the P.M. I went to the bank with
Kaoru to buy some Xmas gifts for
he did not want to go alone & I
didn't go. Bought several things
& he got me a purse & an evershave.
Meal in the evening. Kaech came
over & the stock over-nite. Tok went
to stay with Dorothy then spoiling
our plans for tomorrow morning.

Sunday - 28 Dec

Sunday. 28. 1930.

In the evening Tom had a heck-
of-a-grouch. & made things very
uncomfortable for Johs. He told
me she wished she hadn't gone
but I told her that she shouldn't

have said that it was
his a.m.
's son &
y some
one because
ne with
eth Dorothy.
& a little
ned to the
Went with
out of death
Pa was too
Ther.
ne & then
about 11:45.
e. Sunday
I wash
ter dishes.
b, came.
hings off &

on. My cold is pretty bad & my
head aches. Joh came home today
with Dorothy who left about 9 o'clock.
Mrs. Jemmyson phoned today & her
plant was stolen.

Wea.

SAT. DEC. 27, 1930

Ther.

No house-cleaning this a.m.
After doing odds & ends Lon &
I went to town to buy some
mat. Wak couldn't come because
no-one would be home with
me. She went to stay with Dorothy.
Home & ate ~ 3:10. Helped a little
with sweet-peas. Listened to the
East-West Game. Lived. Went with
Lon. to Alameda for some sort of death
ceremony of Uncle's father. Pa was also

Wea.

SUNDAY 28

Ther.

Went to school. Home & then
looked at paper. Sleep about 11:45.

^{Sun}
Slept 'til pretty late. Sunday
school. Papers. Helped Wak
with sweet-peas after dishes.
Yoshi, hubby, uncles & bab, came.
Tel chicks & dog. Did things off &
on. My cold is pretty bad & my
head aches. Lon came home today
with Dorothy who left about 9 o'clock.
Mrs. Tennyson phoned today & her
plant was stolen.

Sunday. 28. Dec.

In the evening Wak had a heck-
of-a-grouch & made things very
uncomfortable for Johs. She told
me she wished she hadn't gone -
but I told her that she shouldn't
have said thanks & that it was

off. that she went but she surely
should have stood home until Sat.
so that ^{Sun, Wed, & J} we three could have gone
to town Sat. morn. She sometimes
just doesn't look ahead enough.
Oh! well! Labeled about 10:30.

Wea.

MON. DEC. 29, 1930

Ther.

Woke up pretty late & after
 reading newspaper & sleeping
 it was 10:30. I tried my dress
 pattern on. Sewed on my slip
 from Kaeck in A.M. & in P.M.
 I cut my dress out. I put
 notches in etc. & also darned
 stockings in P.M.²

Wea.

TUESDAY 30

Ther.

Cleaned house in A.M. finished
 kind of late cause of late be-
 ginning. Sewed on my dress
 in P.M. & it surely is hard
 & not a easy-to-do dress be-
 cause of its rayon slipery.
 Finished darning some of my
 stockings in P.M.²

Wea.

WED. DEC. 31, 1930

Ther.

rain

We cooked about all day & I did a
wee bit more than usual. Learning.
I feel sort of helpless at times & I
should learn more. Wak went
to the dentist in A.M. & Don to town.
We were through pretty early
in the evening but of course
sat around. Keech came over &
helped. She took the 10:20 train
home. Plenty rain.. See the

day went through without
any scrubbing. Gosh, my sun-
-jacket. Nell went to D.F. & Ken
with Mo to town. Wak & I
never got to bed 'til 2:00. A
toot was heard & we found
out that Ogawa came with
some tray of food for greetings.
Thus the old year
goes out.

January 3, 1931

NOTES FOR 1931

Wah surely can make a
gloom upon the whole family.
I don't like her for that but
she just got something that
you can't hate for long - the
jolly & not pessimistic part.
Oh gosh I think that I
worry & think too much about
people & their ways.

Usually study in P.M. during
school time - Understood.

ADDRESS

TELEPHONE

ly
but
to
he
k.
ut
o

CASH ACCOUNT—JANUARY

Date	Received	Paid
6	pencil	05
	folder paper	10
	towel fee	1 00
	food	05
7	student body	50
	food	10
	supplies	20
	puff case & box	20
8	chem fee	50
	supplies	10
	food	10
	telephone	05
9	supplies	25
	food	10
10	food	10
	supplies	10
13	food	05
14	food	05
15	food	05
16	cavebook	57

CASH ACCOUNT—JANUARY

id	Date	Description	Received	Paid
	16	food		05
05	17	game		10
10		G.A.A. due		10
00		food		<u>.05</u>
05			.18	
50				
10				
20				
20				
50				
10				
10				
05				
25				
10				
10				
0				
05				
5				
5				
7				

CASH ACCOUNT—AUGUST

Date	Description	Received	Paid
10		5.00	
11	notebook		30
	paper		20
	carfare		07
	comb		10
	food		05
12	folder		75
	paper		29
	carfare		07
14	ruler		25
15	towel fee		1.00
18	hygiene notebook		05
	locker key		25
19.	S.A.A. due		10
22.	food		20
	carfare		07
20	food		05

CASH ACCOUNT—AUGUST

Date

Received

Paid

10
10
7
5
5
9
7
5
5
7
5
5

Nick's
 CASH ACCOUNT - NOVEMBER

Date	Description	Received	Paid
		25.00	
12/12	Wah's - desk set		3.50
12/13	Loni's - crystals		5.95
	Loh's - writ with part		5.00
	Loni's - gloves		4.95
			<u>19.40</u>
	Yuri's diary		85
	" sweater		2.95
			<u>3.20</u>

Yuri's Total Money

don — 15.00

Dec. Al. 5.00

Nov. ova 3.50

23.50

Yui's
 CASH ACCOUNT—NOVEMBER

Date		Received	Paid
		23.50	
2/6	Wak's beads		1.00
	Kun's scarf		2.50
2/12	Lon's - set	3.00 3.05	7.95
	Jok's - plaquet	26.55	2.00
	Wak's - beads		1.59
	Pa's - key case		2.75
	Nick's - red. watch		2.25
2/13	Em's - flower		1.95
	" - handker		<u>4.50</u>
			22.19
12/15	pictures		35
	sets		<u>.05</u>
			23.19
12/2	charity		10
	Staf. fees 15 photos		55
12/18	Cash .15, .15, .25		50
	Kaeck's gift		25
	handker		10
	hot dog & phone		<u>24.59</u>
			24.69

Yuri's - on clothes etc.

CASH ACCOUNT—DECEMBER

Date		Received	Paid
12/13	material - pajamas		.78
"	"		.94
12/27	dress - silk 3 1/2 yds.		.31
	pattern		.50
	elastic		.02
1/3	stockings		1.85

CASH ACCOUNT—DECEMBER

Date

Received

Paid

[A large, rectangular piece of aged, yellowed paper is pasted over the central portion of the ledger page, completely obscuring the entries in the 'Received' and 'Paid' columns. The paper has irregular, torn edges and shows signs of significant wear and discoloration.]

Wed. Oct. 8.

Got a ride from
Mrs. Teanyson this
A.M.

CASH

Date

I went to town
after I.A.A. meeting
intending to buy
Tok a present, but
didn't. Didn't
have very much home
work but about 9:30
I started to talk with
Wak about Tok.
She is hard to

~ well. gulw-like
Talked quite a while
& in end decided that
Wak would get
her my gift too.

K&T 130

February

February 1st

February 2nd

February 3rd

February 4th

February 5th

February 6th

February 7th

February 8th

February 9th

February 10th

February 11th

February 12th

February 13th

February 14th

February 15th



Calendar 1931

1931		JAN.							FEB.							MARCH							APRIL							MAY							JUNE																				
		SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.														
		4	5	6	7	1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7	5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
		11	12	13	14	15	16	17	8	9	10	11	12	13	14	8	9	10	11	12	13	14	12	13	14	15	16	17	18	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
		18	19	20	21	22	23	24	15	16	17	18	19	20	21	15	16	17	18	19	20	21	19	20	21	22	23	24	25	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6							
		25	26	27	28	29	30	31	22	23	24	25	26	27	28	22	23	24	25	26	27	28	26	27	28	29	30	31	1	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13							

1931		JULY							AUG.							SEPT.							OCT.							NOV.							DEC.													
		SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.							
		5	6	7	8	1	2	3	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	1	2	3	4	5	6	7	6	7	8	9	10	11	12	17	14	15	16	17	18	19
		12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	8	9	10	11	12	13	14	14	15	16	17	18	19	20	23	21	22	23	24	25	26
		19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5
		26	27	28	29	30	31	..	23	24	25	26	27	28	29	27	28	29	30	25	26	27	28	29	30	31	22	23	24	25	26	27	28	29	30	1	2	3	4	5
		30	31	1	2	3	4	5	1	2	3

