

1892

MRS WHALEY'S NOTE BOOK



FROM
WELL & COMPANY,
Sellers & Stationers
19 KEARNEY STREET,
Clay & Commercial,
SAN FRANCISCO.

Mrs. Schaley's
note-book

Dec 26"/92

San Diego

WHEEL & COMPANY,
Locks, Rigs & Stationers,
609 KEARNEY STREET,
at Clay & Commercial,
SAN FRANCISCO.

Mrs. H. W. Halsey's
note - book

Dec 26th /92
San Diego

BANCROFT'S

PACIFIC COAST

D E R R Y

FOR

1890

CONTAINING

Useful Memoranda,

AND

TABLES FOR REFERENCE

Published Annually.

SAN FRANCISCO.

A. L. BANCROFT & COMPANY.

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Entered, according to Act of Congress, A. D. 1875,
 by A. L. BARNES & COMPANY,
 in the office of the Librarian of Congress, at Washington.

Calendar.

1880.

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
JAN.			1	2	3				JULY.			1	2	3	
	4	5	6	7	8	9	10			4	5	6	7	8	9
	11	12	13	14	15	16	17			11	12	13	14	15	16
	18	19	20	21	22	23	24			18	19	20	21	22	23
	25	26	27	28	29	30	31			25	26	27	28	29	30
FEB.		1	2	3	4	5	6		AUG.		1	2	3	4	5
	7	8	9	10	11	12	13			6	7	8	9	10	11
	14	15	16	17	18	19	20			12	13	14	15	16	17
	21	22	23	24	25	26	27			18	19	20	21	22	23
	28	29	30							24	25	26	27	28	29
MAR.		1	2	3	4	5	6		SEP.		1	2	3	4	
	7	8	9	10	11	12	13			5	6	7	8	9	10
	14	15	16	17	18	19	20			12	13	14	15	16	17
	21	22	23	24	25	26	27			18	19	20	21	22	23
	28	29	30	31						24	25	26	27	28	29
APR.		1	2	3	4	5	6		OCT.		1	2	3	4	5
	7	8	9	10	11	12	13			6	7	8	9	10	11
	14	15	16	17	18	19	20			12	13	14	15	16	17
	21	22	23	24	25	26	27			18	19	20	21	22	23
	28	29	30							24	25	26	27	28	29
MAY.		1	2	3	4	5	6		NOV.		1	2	3	4	5
	7	8	9	10	11	12	13			6	7	8	9	10	11
	14	15	16	17	18	19	20			12	13	14	15	16	17
	21	22	23	24	25	26	27			18	19	20	21	22	23
	28	29	30	31						24	25	26	27	28	29
JUNE.		1	2	3	4	5	6		DEC.		1	2	3	4	5
	7	8	9	10	11	12	13			6	7	8	9	10	11
	14	15	16	17	18	19	20			12	13	14	15	16	17
	21	22	23	24	25	26	27			18	19	20	21	22	23
	28	29	30							24	25	26	27	28	29

FESTIVALS AND FASTS OF THE CHURCH.

Days indicated apply only to 1880.

EPHRAIM is twelve days after Christmas. — *January 6th.*
SHROVE SUNDAY, the first Sunday before Shrove Tuesday. — *Feb. 4th.*
SHROVE TUESDAY is the first Tuesday after the first change of the moon in February. — *Feb. 10th.*
ASH WEDNESDAY, the day after Shrove Tuesday. — *Feb. 11th.*
THE FAST OF LENT is from Ash Wednesday to the feast of Easter, forty days.
THE FIRST SUNDAY IN LENT is *Feb. 15th.*
St. PASCHE. — *March 17th.*
MIDLENT is the fourth Sunday from Shrove Tuesday. — *March 10th.*
CARLE SUNDAY, the fifth Sunday from Shrove Tuesday. — *March 11th.*
PAIN SUNDAY, the sixth Sunday from Shrove Tuesday. — *March 21st.*
PASSION WEEK, the week after Palm Sunday. — *March 25th to 31st.*
GOOD FRIDAY, the Friday in Passion Week. — *March 27th.*
EASTER DAY, the festival appointed in commemoration of Christ's Resurrection, is the seventh Sunday after Shrove Tuesday, or the first after the full moon, which happens on or after the 21st of March. — *March 28th.*
LOW SUNDAY is the first after Easter. — *April 4th.*
ROGATION SUNDAY is the 3rd after Easter. — *May 2d.*
ASCENSION DAY, or **HOLT THURSDAY**, is the 7th in Rogation Week the fortieth day from Easter. — *May 14th.*
TRINITY SUNDAY, or **WITNESSEING**, is the sixty-ninth day, or seventh Sunday after Easter. — *May 23d.*
TRINITY SUNDAY is the next after Pentecost. — *May 23d.*
St. JOHN BAPTIST'S DAY. — *June 24th.*
St. PETER. — *June 29th.*
St. MICHAEL. — *September 29th.*
All SAINTS' DAY. — *November 1st.*
St. ANDREW. — *November 30th.*
ADVENT SUNDAY, the nearest Sunday to the feast of St. Andrew. — *November 25th.*
St. THOMAS. — *December 21st.*
CHRISTMAS. — *December 25th.*
St. STEPHEN. — *December 26th.*
St. JOHN, EVANGELIST. — *December 27th.*

HEBREW CALENDAR, 5640-5641.

[Prepared by the Rev. HARR. H. A. Henry, of San Francisco, Cal.]

COMMENCEMENT { 5640, SEPTEMBER 15-18, 1879.
OF THE YEAR { 5641, " " 6-7, 1880.

NEW MOONS.	PARTS AND FEASTS.	DATES.
5640: Shevat.....	Wed., Jan. 14, 1880.	"
" Adar.....	Thurs. & Fri., Feb. 12-13.	"
" Adar 13.....	Feast of Esther, Wed., Feb. 25.	"
" Adar 14-15.....	Feast of Purim, Thurs. & Fri., Feb. 26-27.	"
" Nisan.....	Sat., Mar. 13.	"
" Nisan, 15-22.....	Feast of Passover, (Passover), Sat. to Sat., Mar. 27 to April 4.	"
" Iyar.....	Sun. & Mon., April 11-12.	"
" Iyar, 18.....	Lag Laomer. (33d day of the Omer), Thurs., April 22.	"
" Sivan.....	Tues., May 11.	"
" Sivan, 6-7.....	Feast of Shevuoth, (Pentecost), Sun. & Mon., May 16-17.	"
" Tammooz.....	Wed. & Thurs., June 9-10.	"
" Tammooz, 17.....	Fast.....Sun., June 27.	"
" Av.....	Fast of Tishabov.....Fri., July 9.	"
" Av 9.....	Fast of Tishabov.....Sun., July 18.	"
" Elul.....	Sat. & Sun., Aug. 7-8.	"
5641: Tishree, 1-2.....	Feast of the New Year, Mon. & Tues., Sept. 6-7.	"
" Tishree, 3.....	Fast of Gidulath.....Wed., Sept. 6.	"
" Tishree, 10.....	Fast of Yom-Kippur (Atonement), Wed., Sept. 13.	"
" Tishree, 15-16.....	Fast of Asereth (Tabernacles), Mon. & Tues., Sept. 20-21.	"
" Tishree, 21.....	Feast of Hoshanah Rabbah, Sun., Sept. 26.	"
" Tishree, 22.....	Feast of Shemittah Alaroth, Mon., September 27.	"
" Tishree, 23.....	Feast of Simchas Torah, Tues., Sept. 28.	"
" Cheshvan.....	Tues. & Wed., Oct. 6-6.	"
" Kislev.....	Thurs., Nov. 4.	"
" Kislev, 25.....	Feast of Chanuka (or dedication), 1st day, Sun., Nov. 28.	"
" Teisse.....	Fri., Dec. 7.	"
" Teisse, 10.....	Fast.....Sun., Dec. 12.	"

CHINESE FESTIVALS, 1880-81.

[ARRANGED AND TRANSLATED BY MR. LEE KAY.]

1st Moon, 1st day, Feb. 29th.	—New Year, Principal Holiday. Festival continues one week.
1st Moon, 10th day, Feb. 18th.*	—Lo Shui Festival, i. e., Rain and Water.
1st Moon, 23rd day, March 14th.*	—King Chat Festival, i. e., Enlivened Insects.
2d Moon, 2d day, March 11th.	—Birthday of the God of Land.
2d Moon, 10th day, March 19th.*	—Chun Fun Festival, i. e., Vernal Equinox.
2d Moon, 19th day, March 28th.	—Birthday of the goddess of Charity. Religious Ceremonies of three days and three nights duration, commencing on the evening of the 25th of the month, at the Temple on Washington street, between Dupont and Stockton streets.
2d Moon, 25th day, April 3d.*	—Ting Ming Festival, i. e., Clear and Bright. Visits and worship at the Tomb of the extreme North. Religious Ceremonies of three days and three nights duration, commencing on the evening of the 7th of the month, in Temple, No. 923 Dupont street, between Washington and Jackson sts.
3d Moon, 11th day, April 18th.*	—Kauk Co Festival, i. e., Good and Evil.
3d Moon, 16th day, April 22	—Birthday of E. Ling, the god of Health.
3d Moon, 23d day, April 30th.	—Birthday of the goddess Tuen How, Queen of Heaven. Religious ceremonies of three days and three nights duration, commencing on the 27th at the Temple on Waverly place, between Clay and Washington streets.
3d Moon, 26th day, May 3d.*	—Lup Ha Festival, Beginning of Summer.
4th Moon, 8th day, May 15th.	—Birthday of Ngau Tsoi Wong, the god of Cattle. Religious ceremonies of three days and three nights duration, commencing on the evening of the 11th of the month at the Temple on Jackson street, between Kearny and Dupont sts.
4th Moon, 12th day, May 20th.*	—2in Moon Festival, i. e., Prematurely Ripened.

CHINESE FESTIVALS.

- 4th Moon, 17th day, May 24th.—Birthday of the goddess Kua Pa, i. e., Golden Flower, Guardian of Children.
- 4th Moon, 20th day, May 27th.—Birthday of Ngan-kwong Shing-Moo, the goddess of Sight.
- 4th Moon, 26th day, June 3th.—Mung-choong Festival, i. e., Celebrating in due time.
- 6th Moon, 5th day, June 11th.—May Festival, General Feasting, Regatta on the Canton River, China. Ex-citing time.
- 6th Moon, 13th day, June 19th.—Birthday of Kwan Tai, the god of War. He was a Military man and gained the title of General. He was a man of great principles and was loyal to his King. Military and Business men generally worship his image with great reverence. Nearly all Towns and Cities which are thickly populated with Chinese and which can afford to erect a Temple as a place of worship to him, do so freely and cheerfully, and all classes contribute towards it.
- 8th Moon, 22d day, June 28th.—Tan Chi Festival, i. e., Summer Solstice.
- 6th Moon, 1st day, July 6th.—Siw-Shue Festival, i. e., Little Heat.
- 6th Moon, 16th day, July 21st.—T'ai-Shue Festival, i. e., Great Heat.
- 22d Moon, 16th day, July 21st.—St. Koon Yum's day, the goddess of Charity. Religious ceremonies of three days and three nights duration, commencing on the evening of the 15th of the month in Temple, on Washington street, between Dupont and Stockton streets.
- 6th Moon, 21th day, July 26th.—St. Kwan Tai's day. Religious worship at the Temple on Pine street above Kearny street, in Temple on Clay street S. W. corner of the Plaza, in Temple at No. 223 Dupont street between Washington and Jackson streets, and at the Temple on the S. W. corner of Broadway and Montgomery avenue.
- 7th Moon, 21 day, Aug. 6th.—Lup Tann Festival, i. e., Beginning of Autumn.
- 7th Moon, 7th day, Aug. 11th.—Day of Descention of the Seven Virgins, goddesses from Heaven. Reception and Religious worship by Maidens and Women only, on the previous evening.

CHINESE FESTIVALS.

- 7th Moon, 11th day, Aug. 18th.—General Feasting, Ghost's day. Religious ceremonies of three days and three nights duration, in Temple, No. 223 Dupont street, commencing on the evening of the 15th of the month.
- 7th Moon, 18th day, Aug. 25th.—Chue Shue Festival, i. e., Heat Decreases.
- 7th Moon, 22d day Aug. 29th.—Birthday of T'ai-pak Sing-Kwan, the god of Wealth. Temple at No. 223 Dupont street.
- 8th Moon, 31 day, Sept. 6th.—Pak-lo Festival, i. e., White Dew.
- 8th Moon, 7th day, Sept. 10th.—Birthday of the god How Wong. Religious ceremonies of three days and three nights duration at the Temple on Brooklyn place, Sacramento street near Stockton street, commencing on the evening of the 7th of the month.
- 8th Moon, 15th day, Sept. 18.—General Feasting. Reception of the Full Moon. Ut-penz, i. e., Moon Cakes are made and eaten from the 1st day to the 15th of the month. In addition to the Ut-penz, Tea, Wine, Fruit, &c., &c., are commonly sent around to friends at present during this period.
- 8th Moon, 19th day, Sept. 22d.—Tan Fren Festival, i. e., Autumnal Equinox.
- 8th Moon, 27th day, Sept. 30th.—Birthday of Confucius, the great Sage and Philosopher. There is no Temple devoted to his public worship, but on the anniversary of his death, which is ascribed to the same year, and Imperial rites of worship take place at that time in the Temple of Confucius in the Province of Shan Tsin, China, the place where he was born. Religious worship by his descendants also occur on that day at the same Temple.
- 9th Moon, 6th day, Oct. 7th.—Hon-lo Festival, i. e., Cold Dew.
- 9th Moon, 9th day, Oct. 11th.—Vibis and Worship at the Tombs.
- 9th Moon, 20th day, Oct. 22d.—Seung Kong Festival, i. e., Fall of Frost.
- 10th Moon 6th day, Nov. 6.—Lup Tung Festival, i. e., Beginning of Winter.
- 10th Moon, 20th day, Nov. 21st.—Siw Suet Festival, i. e., Little Snow.

CHINESE FESTIVALS.

- 11th Moon, 6th day, Dec. 6th.*—T'ai Sui Festival. I. e., Great Snow.
 11th Moon, 20th day, Dec. 21th.*—Fung Chi Festival. I. e., Winter Solstice. General Feasting.
 12th Moon, 6th day, Jan. 4th.* 1881.—Siu-hon Festival. I. e., Little Cold.
 12th Moon, 21st day, Jan. 19,* 1881.—T'ai-hon Festival. I. e., Great Cold.
 12th Moon, 30th day, Jan. 28th, 1881.—General Feasting. Preparing Reception for the coming New Year, and on the evening firewell eruptions of the passing old year.

* These Festivals are the divisions of the four regular seasons of the year, and they are calculated and published in the Chinese Almanac of the Chinese Government, and the Chinese edition of Farmers al large.

† These several seasons also regulate the changes of Raiment and Hygiene generally.

The above compilation of the Chinese Almanac and Festivals was arranged and translated by Mr. ... who made a similar one in 1863, and who has continued to make one annually from that date.

PARTS AND FEASTS FOR 1880.

Septuagesima Sunday	Jan.	23
Shrove Sunday	Feb.	8
Ash Wednesday	"	11
First Sunday in Lent	Feb.	15
Palm Sunday	Mar.	21
Good Friday	"	23
Easter Sunday	"	24
Low Sunday	April	4
Ascension Sunday	May	2
Ascension Day	"	6
White Sunday	"	13
Trinity Sunday	"	21
First Sunday in Advent	Nov.	23
Christmas Day	Dec.	25

LOCATIONS

OF

Public Offices and Buildings

IN

SAN FRANCISCO.

ACADEMY OF NATURAL SCIENCES, S. W. cor. California and Dupont streets.

ARMY HEADQUARTERS, N. W. cor. Stockton & O'Farrell sts. 444 cor. Market, 723 Montgomery street.

ASYLUMS:
 Hoover, near Golden Gate Park.
 Protestant Orphan, Laguna and Haigh streets, near Market st. H. H.
 Roman Catholic Orphan, South San Francisco.

Maguire, former residence of ... street.
 DANCROFT'S BOOK, STATIONERY AND MISCELLANEOUS & MANUFACTURING ESTABLISHMENT, 721 Market st.

BANKERS:
 Bell & Co., 624 Montgomery street.
 Berlin, F. & Co., 627 Clay street.
 Borel, Alfred & Co., N. W. e. Clay and Montgomery streets.
 Donohoe, Kelly & Co., S. E. cor. Montgomery and Sacramento sts.
 Lazard Freres, 216 Sansome street.
 Meyer, Daniel, 212 Pine street.
 Philip, Speyer & Co., 13 Merchant's Exchange.
 Phipps, John V. & Co., 319 California street.
 Sather & Co., N. E. e. Montgomery & Commercial sts.
 Sutter & Co., 408 Montgomery street.
 Talbot & Co., N. E. cor. California and Battery sts.
 Wells, Fargo & Co., N. E. e. California & Sansome sts.

BRANCHES:
 Anglo-Californian Bank, (Inn.) 422 California street.
 Bank of British Columbia, S. E. cor. California and Sansome sts.
 Bank of British North America, 219 Sansome street.
 Bank of California, N. W. corner California and Sansome sts.

PUBLIC OFFICES AND BUILDINGS.

BANKS: Continued.

First National Gold Bank, S. W. cor. Montgomery and Summer sts.
 Grangers' Bank of California, N. E. cor. California and Davis streets.
 Hong Kong and Shanghai Banking Corporation, 405 California street.
 London and San Francisco Bank, (lim.) 424 California street.
 Merchant's Exchange Bank, 423 California street.
 National Gold Bank and Trust Co., N. W. cor. California and Montgomery streets.
 Nevada Bank, of San Francisco, N. W. cor. Montgomery and Pine sts.
 Pacific Bank, N. W. cor. Sansome and Pine sts.

BANKS—SAVINGS AND LOAN:

California Savings & Loan Society, N. W. cor. Eddy and Powell sts.
 Farmers' & Mechanics' Bank of Savings, 225 Sansome street.
 Franco-American Savings Bank, 214 Bush street.
 French Mutual Provident Savings and Loan Society, 411 Bush street.
 German Savings and Loan Society, 525 California st.
 Hilberian Savings & Loan Society, cor. Montgomery and Market sts.
 Humboldt Savings & Loan Society, 16 Geary street.
 Metropolitan Loan Association, 323 Sansome street.
 Real Estate Associates Savings Bank, 230 Montgomery street.
 San Francisco Savings Union, 222 California street.
 Savings and Loan Society, 619 Clay street.
 Security Savings Bank, 215 Sansome street.

TRUST DEPOSITORY, 757 Market street.

BOARD OF EDUCATION, New City Hall.

BOARD OF SUPERVISORS, New City Hall.

CHAMBER OF COMMERCE, New Merchants' Exchange, cor. California and Leidesdorf streets.

CHURCHES:

Advent, Second, Eddy street, bet. Taylor and Jones.
 Advent, Seventh Day, Laguna street, between Tyler and McAllister.
 Baptist, First, north side Eddy st., between Jones and Leavenworth.

PUBLIC OFFICES AND BUILDINGS.

CHURCHES: Continued.

Baptist, Second, Columbia Square, west side Russ st., bet. Howard and Folsom.
 Baptist, Metropolitan, cor. Fifth and Jessie streets.
 Baptist, Third (colored), east side Powell st., bet. Bush and Sutter.
 Baptist, Tabernacle, Post street, near Larkin.
 Baptist, Union Square, Post street, near Powell.
 Baptist, Fifth, Twenty-second st., near Howard.
 Baptist Mission Chapel, Eleventh Avenue, South San Francisco.
 Chinese Mission House, N. E. cor. Sacramento and Stockton streets.
 Chinese Mission House of the M. E. Church, Washington street, bet. Stockton and Powell.
 Congregationalist, First, S. E. cor. Mason and Post sts.
 Congregationalist, Second, (Plymouth,) Taylor street, near Geary.
 Congregationalist, Third, Fifteenth st., near Mission.
 Congregationalist, Fourth, S. side Green street, near Stockton.
 Congregational, Bethany, Bartlett st., near Twenty-fifth.
 Disciples Church of Christ, Druid's Hall, 412 Sutter st.
 Episcopal, Grace, S. E. cor. California and Stockton sts.
 Episcopal, Trinity, N. E. cor. Post and Powell streets.
 Episcopal, St. John's, cor. Fifth and Valencia sts.
 Episcopal, Advent, Howard st., op. New Stockton square.
 Episcopal, St. James', Post street, near Mason.
 Episcopal, St. Luke's, Pacific st., near Polk.
 Episcopal, St. Peter, cor. Stockton and Filbert sts.
 Episcopal, St. Albans, Corinthian Hall, Mechanics' Institute Building.
 Hebrew, Emanu El, Sutter st., bet. Stockton & Powell.
 Hebrew, Sherith Israel, N. E. cor. Post and Taylor sts.
 Hebrew, Ohabel Salomon, Mason street, bet. Geary and Post.
 Hebrew, Beth Israel, Sutter street, near Stockton.
 Hebrew, Sharyy Tadek, Stockton st., between Pacific and Broadway.
 Lutheran, First, German, Mission street, bet. Second and Third.
 Lutheran, St. Paul's, German, Mission street, bet. Fifth and Sixth.

PUBLIC OFFICES AND BUILDINGS.

Churches: Continued.

Lutheran, St. Mack's, German, south side of Geary street, bet. Stockton and Powell.
 Lutheran, Emanuel, German, N. side Jessie street, bet. Sixth and Seventh.
 Mariner's Church, cor. Leavenworth and Drumm sts.
 Methodist Episcopal, Powell Street, west side Powell st., bet. Washington and Jackson.
 Methodist, Howard st. at Howard st., bet. Second and Third.
 Methodist, Central, Mission st., bet. Sixth & Seventh.
 Methodist, Bush Street, Bush street, near Divisadero.
 Methodist, Minna St., Minna st., bet. Fourth & Fifth.
 Methodist, Kentucky St., on the Potrero, n. L. Bridge.
 Methodist, Grace, Mission st., bet. Eighteenth and Nineteenth.
 Methodist, Seaman's Bethel, Mission street, bet. First and Second.
 Methodist, St. Paul's, South, west side Russ street, bet. Howard and Polson.
 Methodist, Bernal Wesleyan, Prospect Avenue, Bernal Heights.
 Methodist, South San Francisco, on Fifteenth avenue, S. E. P.
 Methodist, German, north side Broadway, b. Stockton and Powell sts.
 Methodist, German, Polson st., bet. Fourth and Fifth.
 Methodist, African (colored), west side Powell st., between Jackson and Pacific.
 Methodist, Chinese Mission, north side Washington st., bet. Stockton and Powell.
 Methodist, Zion Wesleyan (colored), Stockton st., near Sacramento.
 Presbyterian, First, Stockton street, near Clay.
 Presbyterian, Calvary, cor. Geary and Powell sts.
 Presbyterian, Chinese Mission, N.E. cor. Stockton and Sacramento sts.
 Presbyterian, Larkin Street, cor. Larkin and Pacific sts.
 Presbyterian, Central, Tyler st., near Taylor.
 Presbyterian, Howard St., Howard st., bet. Twenty-first and Twenty-second.
 Presbyterian, St. Johns, Post street, bet. Mason and Taylor.

PUBLIC OFFICES AND BUILDINGS.

Churches: Continued.

Presbyterian, Olivet, Tennessee st, near Sierra, South San Francisco.
 Presbyterian, Memorial, Eighteenth Avenue, near Callinan, South San Francisco.
 Presbyterian, First German Mission, 524 Greenwich st., near Stockton.
 Presbyterian, Emanuel, Harrison st., bet. Fifth and Sixth.
 Presbyterian, Woodbridge, Twentieth and Capp sts.
 Presbyterian, Westminster, Fell street, bet. Octavia and Laguna.
 Presbyterian, United, Mason st., bet. Ellis and Eddy.
 Roman Catholic, St. Francis, Vallejo st., bet. Dupont and Stockton.
 Roman Catholic, Guadalupe, Broadway, bet. Mason and Taylor sts.
 Roman Catholic, St. Mary's Cathedral, N. E. corner Callifornia and Dupont streets.
 Roman Catholic, St. Patrick's, Mission st., bet. Third and Fourth.
 Roman Catholic, St. Rose's, Brannan st., near Fourth.
 Roman Catholic, St. Boniface, (German,) Tyler st., bet. Jones and Leavenworth.
 Roman Catholic, St. Ignatius, Market, bet. Fourth and Fifth streets.
 Roman Catholic, St. John the Baptist, Eddy street, between Octavia and Laguna.
 Roman Catholic, St. Peter's, west side Columbia st., bet. 21th & 22th.
 Roman Catholic, Notre Dame, (French), Bush street, bet. Dupont and Stockton.
 Roman Catholic, Mission Dolores, S. W. cor. Sixteenth and Mission sts.
 Roman Catholic, St. Joseph's, Tenth street, between Polson and Howard.
 Roman Catholic, St. Briget's, S.W. cor. Van Ness Av. and Bealeway.
 Russian Church, Greenwich street, between Stockton and Dupont.
 Swedish, New Jerusalem, O'Farrell st., between Mission and Taylor.
 Unitarian, First, Geary street, near Stockton.
 Universalist, First, Mission st., bet. Third and Fourth.

PUBLIC OFFICES AND BUILDINGS.

CITY HALL (old), Kearny street, opposite the Plaza.
(new), Market street, op. 8th.

COAST SURVEY, 214 Stockton street.

COMMISSIONER OF IMMIGRATION, N. E. cor. Jackson and Front streets.

COURTS:
City Criminal, Old City Hall.
District, County, and Probate, New City Hall.
Federal, U. S. Court Building, N. E. cor. Washington and Battery sts.
Justices of the Peace, N. E. cor. Jackson and Montgomery sts., 2d floor.
Municipal Criminal Court, Old City Hall.
Police Court, City Hall, op. Plaza.
Supreme, N. E. corner Kearny and Clay streets.

CUSTOM HOUSE, N. W. cor. Battery and Washington streets.

DASHAWAY HALL, Post street, near Dupont.

EXPRESSES:
Bamber's (Oakland), 1 Commercial street.
Barard's (San Rafael), 1 Commercial street.
California Express and Transfer Co., 524 Davis street.
City Cab and Transfer Co., 16 Post street.
Dime Parcel Del. and Tr. Co., 137 Post street.
Pacific Transfer Co., 110 Sutter st.
Wells, Fargo & Co., N. E. cor. Sansome and Halleck streets.
Whitney's, 5 Commercial street.
Wingate's, 6 Sacramento street.

GAS COMPANY:
San Francisco Gaslight, office S. E. cor. First and Natoma sts.

HARBOR COMMISSIONERS, 10 Callifornia street.

HOSPITALS:
Alms House, near Lake Honda.
California State Woman's, N. W. cor. Howard and 12th streets.
City and County, Potrero Ave., bet. Twenty-second and Twenty-third streets.
French, S. S. Bryant street, between 5th and 6th.
German, cor. Fourteenth and Noe streets.
Italian, Twenty-eighth street, near Noe.
San Francisco Female, 917 Clay street.
San Francisco Lying-in Asylum, Tyler street, between Gough and Octavio.

PUBLIC OFFICES AND BUILDINGS.

HOSPITALS: Continued.
St. Luke's, San Jose Ave., between Twenty-sixth and Twenty-seventh streets. Take Market and Valencia streets cars to Twenty-sixth street.
St. Mary's, S. W. cor. First and Bryant streets.
Twenty-sixth Street (small pox), cor. San Bruno Road and Serpentine Avenue.
United States Marine, Mountain Lake, near Presidio.

INDUSTRIAL SCHOOL, Office, City Hall, No. 9, third floor.

INTERNAL REVENUE: Office, 321 Battery street.

LADIES' PROTECTION AND RELIEF SOCIETY, Franklin street, between Post and Geary.

LAND OFFICE, 506 Jackson street.

LIBRARIES:
Daniel D'Birth Library Association, Eddy street, bet. Mason and Taylor.
Mechanics' Institute, 27 Post st.
Mercantile, 216 Bush street.
Military Library Room, 328 Montgomery street.
Odd Fellows, 326 Montgomery street.
San Francisco Law Library, S. E. c. Montgomery and Washington sts.
Young Men's Christian Association Library, 232 Sutter street.

MARSHAL, U. S., 4 and 5 U. S. Court Building, N. E. cor. Washington and Battery streets.

MASONIC HALL, cor. Montgomery and Post streets.

MECHANICS' INSTITUTE, 27 Post street.

MECHANICS' PAVILION, cor. Mission and Eighth sts.

MERCHANTS' EXCHANGE, south side California street, near Montgomery.

MENT. U. S. Branch, N. W. cor. Fifth and Mission streets.

NEWSPAPER AND PERIODICAL OFFICES:
Abend Post, (German, daily,) 735 California street.
Alta California, (daily,) 520 California street.
California Christian Advocate, (weekly,) 1041 Market street.
California Chronic, (German, weekly,) 524 California street.
California Demokrat, (German, daily,) 524 California street.
California Farmer, (weekly,) 320 Clay street.
California Horticulturist, (monthly,) 409 Washington street.

PUBLIC OFFICES AND BUILDINGS.

NEWSPAPER AND PERIODICAL OFFICES: *Continued.*
 California Journal and Sountag's Gast, (weekly,) 603 Washington st.
 California Mail Bag, 609 Merchant street.
 California Staats Zeitung, (weekly,) 624 California st.
 Commercial Herald, 409 Washington street.
 Courier de San Francisco, (French,) 638 Clay st.
 Elevator, (colored, weekly,) 610 Battery street.
 Evening Bulletin, (daily,) 622 Montgomery street.
 Evening Post, (daily,) N. E. cor. Montgomery and Sacramento streets.
 Examiner, (daily,) 533 Washington street.
 Figaro, (daily,) 632 Merchant street.
 Golden Era, (weekly,) 616 Commercial street.
 Guide, (tri-weekly,) 621 Clay street.
 Hebrew, (weekly,) 612 Commercial street.
 Hebrew Observer, (weekly,) 602 Montgomery street.
 Hotel Gazette, (daily,) 518 Sacramento street.
 Jolly Giant, 621 Merchant street.
 La Voce del Popolo, (Italian,) 603 Washington street.
 La Vox Nuevo Mondo, 625 Merchant street.
 Mining and Scientific Press, Sansome, n. California st.
 Mission Mirror, 638 Sixteenth street.
 Monitor, (Catholic, weekly,) 622 Clay street.
 Morning Call, (daily,) 623 Montgomery street.
 Musical Review, (monthly,) 139 Kearny street.
 New Age, (I.O.O.F., weekly,) 429 Kearny street.
 Occident, (Presbyterian, weekly,) 757 Market street.
 Pacific, (Congregationalist, weekly,) 608 Clay street.
 Pacific Appeal, (colored, weekly,) 511 Sansome st.
 Pacific Medical and Surgical Journal, (monthly,) 26 Montgomery st.
 Pacific Coast Directory, 14 Montgomery Avenue.
 Pacific Churchman, (Episcopal, weekly,) 508 Clay st.
 Pacific Law Reporter, (daily & weekly,) 632 Merchant street.
 Pacific Methodist, (weekly,) 409 Washington street.
 Pacific Rural Press, (weekly,) Sansome, n. California street.
 Peoples of California, (monthly,) 320 Sansome st.
 San Francisco Directory, 14 Montgomery Avenue.
 San Francisco Chronicle, 608 Montgomery street.
 San Francisco Journal of Commerce, (weekly,) 414 Clay street.

PUBLIC OFFICES AND BUILDINGS.

NEWSPAPER AND PERIODICAL OFFICES: *Continued.*
 San Francisco News Letter, 609 to 615 Merchant street.
 School and Home Journal, 608 Clay street.
 Spirit of the Times, (weekly,) 621 Sansome st.
 Statistician, (monthly,) 604 Commercial street.
 Stock Report, (daily,) 16 Leidesdorff street.
 Wa-p, The (illustrated weekly,) N. W. cor. Kearny & California sts.
 Western Lancet, (monthly,) 414 Market street.
ODD FELLOWS HALL, S. W. cor. Montgomery and California sts.
OLYMPIC CLUB, 119 Post street.
PACIFIC HALL, 428 Bush street.
PLATT'S HALL, 216 Montgomery street.
PIONEER HALL, 809 Montgomery street, cor. Gold.
POLICE OFFICE, City Hall, opposite the Plaza.
POST OFFICE, Custom House, cor. Battery & Washington streets.
RAILROAD COMPANIES:
 Central Pacific, foot of Market st.; Office cor. Fourth and Townsend streets. (Includes: Central Pacific, Southern Pacific, Western Pacific, California Central, San Joaquin Valley, California and Oregon, Oakland and Alameda Roads.)
 North Pacific Coast Railroad Co., 425 California st.
 San Francisco and North Pacific Railroad Co., 425 Montgomery st.
RECORDER'S OFFICE, New City Hall, Market street.
REGISTRAR OF ELECTORS, New City Hall.
STEAMBOAT LANDINGS, Market Street Wharf.
STEAMER (Ocean) LANDINGS, cor. First and Brannan streets.
STEAMSHIP CO. OFFICES:
 American and Red Star S. S. Co., 518 Clay street.
 Anchor Line (New York to Glasgow), 603 Washington street.
 Colorado Steam Navigation Co., 10 Market street.
 Crescent City, and Port Orford Steamers, 10 Market st.
 Cunard, (New York and Liverpool, via Queenstown,) 218 California st.
 Eureka and Crescent City, 22 California st.
 Goodall, Nelson & Perkins S. S. Co. (Coast Line), 10 Market st. Ticket Office, 214 Montgomery st.
 General Trans-Atlantic, 624 Montgomery st.

PUBLIC OFFICES AND BUILDINGS.

STEAMSHIP Co. Offices: Continued.

Hamburg American Packet Co. (West India Line), 213 Sansome st.
 Humboldt Bay, 22 California st.
 North German Lloyds, 814 Washington street.
 Oregon Steamship Co., 210 Battery st.
 Pacific Coast Steamship Co., 19 Market street.
 Pacific Mail Steamship Co., First and Brannan sts.
 Red Star Line, (Philadelphia, Antwerp, Liverpool,) 233 Montgomery st.
 Royal Mail, 319 California st.

STOCK BOARDS:

California Stock Exchange Board, 423 California st.
 Pacific Stock Exchange, 320 Montgomery st.
 San Francisco Stock and Exchange Board, south side Pine st., bet. Montgomery and Sansome.

STREET RAILWAYS:

California Street, 1435 California street.
 Central (Davis, Bush, Turk, & Sixth), Office, 32 Turk street.
 City, S. W. cor. Mission and Fourteenth streets.
 Clay Street Hill, S. W. corner. Clay and Leavenworth streets.
 Golden Gate Park and Seal Rock, 615 Montgomery st.
 Market Street, cor. Fourth and Townsend streets.
 North Beach and Mission, Fourth street, near Bryant, cor. Louisa.

Omnibus, 721 Howard street, bet. Third and Fourth.
 Potrero and Bay View, Fourth and Townsend sts.
 Sutter Street, 1201 Larkin st.

SURVEYOR GENERAL'S OFFICE, U. S., 610 Commercial st.

TELEGRAPH OFFICES:

American District Telegraph Co., 222 Sansome street.
 Fire Alarm and Police Telegraph, Brenham place.
 San Francisco Telegraph, 634 Market street.
 Western Union, N. E. cor. Montgomery and Pine sts.
 Branches, Grand Hotel, Cosmopolitan Hotel, Palace Hotel, S. W. cor. Sacramento and Front sts., and 417 Washington street.

UNION HALL, Howard street, near Third.

UNITED STATES SUN-TREASURY, 423 Montgomery street.

WATER WORKS, Spring Valley, 618 California street.

YOUNG MEN'S CHRISTIAN ASSOCIATION, North side Sutter st. bet. Kearny and Dupont.

**SAN FRANCISCO
 FIRE ALARM STATIONS.**

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| <p>Box.</p> <ul style="list-style-type: none"> 2. S. W. cor. Mason and Lombard. 3. S. E. c. Stockton and Greenwich. 4. N. W. c. Sansome and Greenwich. 5. N. E. c. Battery and Union. 6. S. E. c. Montgomery and Green. 7. S. E. corner Kearny and Union. 8. S. W. cor. Powell and Union. 9. N. E. cor. Dupont and Vallejo. *12. N. W. c. California and Kearny. *13. S. W. cor. Front and Broadway. 14. S. W. c. Stockton and Broadway. *15. S. W. c. Clay & East. *16. N. W. cor. Mission and Pacific. *17. N. E. cor. Pacific and Kearny. *18. S. W. c. Sansome and Jackson. 19. N. E. cor. Davis and Washington. 21. Kearny & Merchant. 23. S. E. corner Clay and Taylor. 24. S. E. corner Clay and Powell. 25. N. W. c. Washington and Dupont. *26. N. E. corner Clay and Battery. | <p>Box.</p> <ul style="list-style-type: none"> *27. N. W. c. Montgomery and Commercial. *28. S. W. corner Pine and Dupont. *29. N. W. c. Stockton and California. *31. S. W. corner Sansome and Hallock. *32. S. W. cor. California and Drumm. *34. S. W. corner Mission and Steuart. *35. S. E. cor. Montgomery and Pine. *36. N. W. corner Folsom and Steuart. *37. N. W. corner Battery and Bush. *38. S. W. c. Market & 21. *39. N. W. corner Howard and Spear. *41. N. W. cor. Sutter and Jones. 42. S. E. cor. Geary and Mission. *43. O'Farrell & Dupont. *45. N. W. cor. O'Farrell and Jones. *46. N. W. cor. Sutter and Kearny. *47. S. W. corner Market and Powell. *48. N. E. cor. Market and Kearny. *49. N. W. cor. Stockton and Sutter. *51. N. W. corner Folsom and Beale. *52. S. W. corner Mission and Fremont. |
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PUBLIC OFFICES AND BUILDINGS.

STEAMSHIP Co. Offices: Continued.

Hamburg American Packet Co. (West India Line), 213 Sansome st.
 Humboldt Bay, 22 California st.
 North German Lloyds, 614 Washington street.
 Oregon Steamship Co., 210 Battery st.
 Pacific Coast Steamship Co., 131 Market street.
 Pacific Mail Steamship Co., First and Brannan sts.
 Red Star Line, (Philadelpia, Antwerp, Liverpool,) 226 Montgomery st.
 Royal Mail, 319 California st.

STOCK BOARDS:

California Stock Exchange Board, 425 California st.
 Pacific Stock Exchange, 320 Montgomery st.
 San Francisco Stock and Exchange Board, south side Pine st., bet. Montgomery and Sansome.

STREET RAILWAYS:

California Street, 1435 California street.
 Central (Davis, Bush, Turk, & Sixth), Office, 32 Turk street.
 City, S. W. cor. Mission and Fourteenth streets.
 Clay Street Hill, S. W. corner Clay and Leavenworth streets.
 Golden Gate Park and Seal Rock, 615 Montgomery st.
 Market Street, cor. Fourth and Townsend streets.
 North Beach and Mission, Fourth street, near Bryant, cor. Louis.
 Omnibus, 721 Howard street, bet. Third and Fourth.
 Potrero and Bay View, Fourth and Townsend sts.
 Sutter Street, 1201 Larkin st.

SURVEYOR GENERAL'S OFFICE, U. S., 610 Commercial st.

TELEGRAPH OFFICES:

American District Telegraph Co., 222 Sansome street.
 Fire Alarm and Police Telegraph, Bresham place.
 San Francisco Telegraph, 631 Market street.
 Western Union, N. E. cor. Montgomery and Pine sts.
 Branches, Grand Hotel, Cosmopolitan Hotel, Palace Hotel, S. W. cor. Sacramento and Front sts., and 417 Washington street.

UNION HALL, Howard street, near Third.

UNITED STATES SUB-TREASURY, 423 Montgomery street.
 WATER WORKS, Spring Valley, 515 California street.
 YOUNG MEN'S CHRISTIAN ASSOCIATION, North side Sutter st. bet. Kearny and Dupont.

SAN FRANCISCO

FIRE ALARM STATIONS.

Box.

2. S. W. cor. Mason and Lombard.
3. S. E. c. Stockton and Greenwich.
4. N. W. c. Sansome and Greenwich.
5. N. E. c. Battery and Union.
6. S. E. c. Montgomery and Green.
7. S. E. corner Kearny and Union.
8. S. W. cor. Powell and Union.
9. N. E. cor. Dupont and Vallejo.
- *12. N. W. c. California and Kearny.
- *12. S. W. cor. Front and Broadway.
14. S. W. c. Stockton and Broadway.
- *15. S. W. c. Clay & East.
- *16. N. W. cor. Mason and Pacific.
- *17. N. E. cor. Pacific and Kearny.
- *18. S. W. c. Sansome and Jackson.
- *19. N. E. cor. Davis and Washington.
21. Kearny & Merchant.
23. S. E. corner Clay and Taylor.
24. S. E. corner Clay and Powell.
25. N. W. c. Washington and Dupont.
- *26. N. E. corner Clay and Battery.

Box.

- *27. N. W. c. Montgomery and Commercial.
- *28. S. W. corner Pine and Dupont.
- *29. N. W. c. Stockton and California.
- *31. S. W. corner Sansome and Hallock.
- *32. S. W. cor. California and Drumm.
- *34. S. W. corner Mission and Steuart.
- *35. S. E. cor. Montgomery and Pine.
- *36. N. W. corner Folsom and Steuart.
- *37. N. W. corner Battery and ...
- *38. S. W. cor. Market & 21.
- *39. N. W. corner Howard and Spear.
- *41. N. W. cor. Sutter and Jones.
42. S. E. cor. Geary and Mason.
- *43. O'Farrell & Dupont.
- *45. N. W. cor. O'Farrell and Jones.
- *46. N. W. cor. Sutter and Kearny.
- *47. S. W. corner Market and Powell.
- *48. N. E. cor. Market and Kearny.
- *49. N. W. cor. Stockton and Sutter.
- *51. N. W. corner Folsom and Beale.
- *52. S. W. corner Mission and Fremont.

FIRE ALARM STATIONS.

- *53. King, east of Third.
- *54. Engine No. 4, second, near Howard.
- *56. No. side Bryant, west of First.
- *57. N. W. cor. Brannan and Second.
- *58. N. W. corner Folsom and First.
- *59. P.M.S.S. Co.'s wharf, foot of First.
- 61. S. W. corner Howard and Third.
- *62. S. W. corner Mission and Fourth.
- *63. N. E. cor. Harrison and Fourth.
- 64. S. W. corner Howard and Fifth.
- 65. S. W. corner Mission and Sixth.
- *67. N. E. cor. Brannan and Hawthorne.
- *68. N. E. corner Brannan and Fourth.
- *69. S. W. c. Bryant & 31.
- 71. S. W. c. Mission and Eleventh.
- 72. S. E. cor. Mission and Thirteenth.
- 73. S. E. cor. Howard and Eighth.
- 74. Engine No. 7, Sixteenth St.
- 75. S. W. cor. Jones and McAllister.
- 76. S. W. cor. Market and Hayes.
- 78. N. E. cor. Folsom and Ninth.
- 79. N. W. cor. Folsom and Twelfth.
- 81. S. E. corner Franklin and Hayes.
- 82. N. E. cor. Fulton and Gough.
- 83. N. E. cor. Octavia and Oak.
- 84. Valencia and Market.
- 85. N. E. cor. Laguna and Hayes.
- 86. N. W. cor. Broadway and Montgomery.
- *87. Haight and Webster.
- *91. N. E. cor. Hyde and Turk.
- 92. N. E. cor. Franklin and Turk.
- *93. N. E. cor. Jones and Turk.
- 94. S. E. cor. Polk and Ellis.
- *96. N. E. cor. Market and Taylor.
- 122. S. E. cor. Hyde and Union.
- 124. Pioneer Woolen Mills, Black Pt.
- 125. N. W. cor. Filbert and Jones.
- *126. S. E. cor. Hyde and Washington.
- 127. S. E. cor. Broadway and Polk.
- 128. S. E. corner Clay and Leavenworth.
- 129. N. W. cor. Pacific and Leavenworth.
- *132. S. W. cor. Pine and Mason.
- 134. S. E. c. Bush & Hyde.
- 135. S. E. c. Bush & Polk.
- 136. N. E. cor. Post and Van Ness av.
- 137. N. W. cor. Post and Larkin.
- 138. N. W. cor. California and Larkin.

FIRE ALARM STATIONS.

- *139. S. E. cor. O'Farrell and Hyde.
- 142. N. E. c. Valencia and Twentieth.
- *143. N. E. corner Mission & Twenty-second.
- 145. N. W. cor. Folsom and Twenty-second.
- 146. S. W. cor. Folsom and Sixteenth.
- 147. N. E. c. Howard and Twentieth.
- 148. N. E. c. Mission and Sixteenth.
- 149. S. W. cor. Folsom and Eighteenth.
- *152. N. W. cor. Brannan and Eighth.
- *153. N. W. cor. Harrison and Seventh.
- 154. N. W. corner Bryant and Clark.
- *155. N. E. corner Fourth and Berry.
- *157. South side Folsom, east of 4th.
- 158. South side Folsom, east of Fifth.
- 159. Engine No. 8, Sixth, near Folsom.
- 162. S. E. cor. Pacific and Franklin.
- 163. N. E. c. Sacramento and Franklin.
- 164. S. E. cor. Clay and Polk.
- 172. N. E. cor. McAllister and Buchanan.
- 173. S. W. cor. Ellis and Buchanan.
- 174. N. E. cor. Turk and Fillmore.
- 175. S. W. corner Webster and Grove.
- *176. Post and Octavia.
- *182. S. E. cor. Sixth and Townsend.
- 189. S. E. cor. Mission and Eighth.
- *192. N. W. cor. California and Front.
- 193. S. W. cor. Hyde and Chestnut.
- 194. N. W. cor. Stockton and Francisco.
- *213. S. W. c. Bush and Buchanan.
- *14. N. E. cor. Bush and Steiner.
- 215. S. E. cor. Washington and Webster.
- 216. S. E. cor. Sacramento and Fillmore.
- 217. S. E. cor. Bush and Devisadero.
- 218. N. E. cor. Post and Fillmore.
- 219. S. E. cor. Filbert and Fillmore.
- 231. S. E. cor. Howard and Twenty-fourth.
- 234. N. W. cor. Harrison and Twenty-fourth.
- 235. City & County Hospital.
- *236. N. E. c. Mission and Twenty-sixth.
- 237. S. E. cor. Dolores and Twenty-second.
- 238. N. E. cor. Santa Clara and Potrero av.
- 241. S. E. c. Gough & Bush.
- 243. S. E. cor. Clay and Pierce.
- 245. S. W. cor. Geary and Steiner.
- 246. S. E. cor. Geary and Devisadero.

FIRE ALARM STATIONS.

247. N. W. cor. Turk & Scott.	271. S. W. cor. Seventeenth and Church.
248. N. E. cor. Devisadero and Fulton.	273. Eighteenth, east of Castro.
264. N. E. cor. Union and Pierce.	*274. 24th and Guerrero.
261. S. W. cor. Stevenson and Ecker.	*281. San Bruno Road & Twenty-eighth st.

Boxes with numbers marked * are automatic.

THE SOLAR SYSTEM.

The Sun, the centre of the Solar System, has a diameter of 885,000 miles; its bulk is 1,400,000 times greater than that of the Earth, and 700 times greater than that of all the bodies revolving around it.

THE PLANETS.

Name.	Diameter in Miles.	Volume.	Distances from sun.	Period of Revolutions.
Mercury,	2,960	1-19	31,000,000	3 mos.
Venus,	7,800	9-10	67,000,000	7½ mos.
Earth,	7,912	1	92,000,000	1 yr.
Mars,	4,600	1-6	140,000,000	2 yrs.
Asteroids,	(approximate)		250,000,000	4½ yrs.
Jupiter,	89,000	1,400	480,000,000	12 yrs.
Saturn,	79,000	1,300	875,000,000	29 yrs.
Uranus,	35,000	86	1,782,000,000	84 yrs.
Neptune,	31,000	60	2,760,000,000	164 yrs.

The Moon's diameter is 2,160 miles, and her volume one forty-ninth of that of the Earth. She revolves in her orbit once in 29½ days, at a distance of 240,000 miles from the Earth.

The Asteroids exceed one hundred in number. Leverrier estimates that their aggregate mass does not exceed one-third of that of the Earth.

VELOCITY OF THE EARTH'S MOTION.—The Earth moves forward in its orbit, 1,640,000 miles per day, 68,000 miles per hour, 1,100 miles per minute, and nearly 19 miles every second.

GENERAL ROUTES FROM SAN FRANCISCO

Showing the most commonly traveled Routes to the Principal Towns and Places of Interest on the Pacific Coast.

SAN FRANCISCO TO

- ALAMEDA.—8 miles east.—Ferry and Railroad.
- ALBANY, Oregon.—700 miles.—Railroad to Reading, stage to Roseburg, railroad to Albany; or steamer to Portland, and rail to Albany.
- ALVARADO, Cal.—29 miles.—Ferry and rail to Hayward's, stage to Alvarado.
- ARCATA, Cal.—231 miles.—Ocean steamer via Eureka, Humboldt Bay.
- ASTORIA, Oregon.—593 miles.—Steamer once a week.
- AUBURN, Cal.—174 miles.—C. P. R. R.
- AURORA, Nev.—111 miles.—C. P. R. R. to Reno, branch railroad to Carson, stage to Aurora.
- AUSTIN, Nev.—912 miles.—C. P. R. R. to Battle Mountain, stage to Austin.
- BELMONT, Nev.—507 miles.—(Same route as to Austin), stage to Belmont.
- BIG TREES, Cal.—160 miles.—Railroad to Galt, stage to Big Trees.
- BOISE CITY, I. T.—738 miles.—C. P. R. R. to Winnemucca, stage to Boise City.
- CALISTOGA, Cal.—66 miles.—Steamer to Vallejo, railroad to Calistoga.
- CARSON, Nev.—324 miles.—C. P. R. R. to Reno, branch railroad to Carson.
- CORVALLIS, Oregon.—712 miles.—Railroad to Reading, stage to Roseburg, rail to Albany, stage to Corvallis; or steamer to Portland, rail to Albany, stage to Corvallis.
- COLUMBIA, Cal.—159 miles.—C. P. R. R. to Stockton, Coppenopolis R. R. to Milton, stage to Columbia.
- COLUSA, Cal.—220 miles.—Rail to Marysville, stage to Colusa; or rail to Williams and stage to Colusa.
- CONGRESS SPRINGS, OR SARATOGA.—68 miles.—Rail to Santa Clara, stage to Saratoga.
- CORNERS, U. T.—853 miles.—C. P. R. R.
- CRYSTAL SPRINGS.—23 miles.—3 miles west of San Mateo, by stage.

GENERAL ROUTES FROM SAN FRANCISCO.

DALLAS, Oregon.—739 miles.—Steamer to Portland, rail to Salem, stage to Dallas.
 DALLAS, Oregon.—800 miles.—Steamer to Portland, steamer to Dallas.
 DOWNSVILLE, Cal.—236 miles.—Railroad to Marysville, stage to Downsville.
 DUTCH FLAT, Cal.—197 miles.—C. P. R. R.
 EUREKA, Cal.—223 miles.—Steamer to Humboldt Bay.
 EUGENE CITY, Oregon.—637 miles.—Railroad to Reading, stage to Roseburg, rail to Eugene City; or steamer to Portland, rail to Eugene.
 GEYSERS, Cal.—Steamer to Donahue, rail to Cloverdale, stage to Geysers; or steamer to Vallejo, rail to Calistoga, stage to Geysers.
 GILROY, Cal.—80 miles.—Southern Pacific Railroad.
 GRASS VALLEY, Cal.—205 miles.—C. P. R. R. to Colfax, branch narrow gauge railroad to Grass Valley.
 HAVILAN, Cal.—359 miles.—Rail to Bakersfield, stage to Havilah.
 HARVARD'S, Cal.—224 miles.—Ferry and rail.
 HEALDSBURG, Cal.—74 miles.—Steamer to Donahue, rail to Healdsburg.
 ISLAND CITY, I. T.—774 miles.—C. P. R. R. to Winnemucca, stage to Idaho City, via Boise.
 JACKSON, Cal.—181 miles.—C. P. R. R. to Stockton, rail to Lone, stage to Jackson.
 JACKSONVILLE, Oregon.—480 miles.—Rail to Reading, stage to Jacksonville.
 LAFAYETTE, Oregon.—714 miles.—Steamer to Portland, rail to St. Joseph, stage to Lafayette.
 LA GRANDE, Oregon.—975 miles.—Steamer to Portland, steamer to Umatilla, stage to La Grande.
 LAKEPORT, Cal.—Str. to Donahue, rail to Cloverdale, stage to Lakeport.
 LAKE TAHOE.—572 miles.—C. P. R. R. to Truckee, Cal., stage to Tahoe.
 LA PAZ, A. T.—878 miles.—Steamer or rail to Los Angeles, rail to Yuma, steamer to La Paz.
 LEWISTON, I. T.—1070 miles.—Steamer to Portland, steamer to Lewiston, via Dallas.
 LOS ANGELES, Cal.—399 miles.—Steamer to San Pedro, rail to Los Angeles; or C. P. R. R. to Lathrop, and S. P. R. R. to Los Angeles.
 MARIPOSA, Cal.—190 miles.—Rail to Merced, stage to Mariposa.

GENERAL ROUTES FROM SAN FRANCISCO.

MARTINEZ, Cal.—21 miles.—C. P. R. R., via Oakland, twice a day.
 MARTSVILLE, Cal.—190 miles.—C. P. R. R. via Sacramento.
 MERCED, Cal.—122 miles.—C. P. R. R. to Lathrop, S. J. V. R. R. to Merced.
 MONTE DIABLO.—About 50 miles.—Ferry and rail to Hayward's, stage to summit; or C. P. R. R. to Martinez, stage to summit.
 MONTEREY, Cal.—100 miles, by steamer; or via S. P. R. R. to Salinas, 117 miles, thence branch railroad to Monterey.
 NANTIMO, V. I.—830 miles.—Steamer, via Victoria.
 NAPA, Cal.—40 miles.—Steamer to Vallejo, rail to Napa.
 NEVADA, Cal.—209 miles.—C. P. R. R. to Colfax, rail to Nevada.
 NEW WESTMINSTER, B. C.—830 miles.—Steamer via Victoria.
 OAKLAND, Cal.—7 miles.—Ferry every half hour.
 OLYMPIA, W. T.—900 miles.—Steamer to Victoria, steamer to Olympia.
 OREGON CITY, Oregon.—683 miles.—Steamer to Portland, rail or steamer to Oregon City.
 OROVILLE, Cal.—216 miles.—Rail via Sacramento and Marysville.
 PANAMINT, INYO Co., Cal.—659 miles.—Str. and rail to Los Angeles, stage to Panamint; or via railroad to Caliente, stage to Panamint.
 PETALUMA, Cal.—42 miles.—Steamer, daily.
 PLOCHÉ, Nev.—815 miles.—C. P. R. R. to Fallsade, E. & P. R. R. to Eureka, stage to Ploché.
 PLACERVILLE, Cal.—180 miles.—C. P. R. R. to Sacramento, S. V. R. R. to Shingio Springs, stage to Placerville.
 PORTLAND, OR.—782 miles.—Railroad to Reading, stage to Roseburg, rail to Portland; or 675 miles, str. weekly.
 PRESOTT, ARIZON.—933 miles.—S. P. R. R. to Den Paine, stage to Prescott.
 PROVO, Utah.—790 miles.—C. P. R. R. to Ogden, branch railroad via Salt Lake City, to Provo.
 QUINCY, Cal.—276 miles.—Rail to Oroville, stage to Quincy, via La Porte.
 RED BLUFF.—575 miles.—R. R. via Sacramento and Marysville to Red Bluff.
 REDWOOD CITY, Cal.—23 miles.—S. P. R. R. three times a day.
 ROSEBURG, Oregon.—582 miles.—Rail to Pendling, stage to Roseburg; or steamer to Portland, rail to Roseburg.

GENERAL ROUTES FROM SAN FRANCISCO.

SACRAMENTO, Cal.—Via C. P. R. R., 149 miles; via River, 117 miles; via steamer to Vallejo and rail to Sacramento, 90 miles.
 SALEM, Oregon.—725 miles.—Steamer to Portland, rail or steamer to Salem.
 SALT LAKE CRT., U. T.—618 miles.—C. P. R. R. to Ogden, rail to Salt Lake City.
 SAN ANDREAS, Cal.—132 miles.—Rail to Milton, stage to San Andreas.
 SAN BERNARDINO.—464 miles.—Steamer to San Pedro, rail to San Bernardino; or S. P. R. R. to San Bernardino.
 SAN DIEGO, Cal.—480 miles.—Steamer, weekly.
 SAN JOSE, Cal.—60 miles.—C. P. R. R. and S. P. R. R. three times a day.
 SAN LEANDRO, Cal.—18 miles.—Ferry & rail, via Alameda, five times a day.
 SAN LUIS OBISPO, Cal.—210 miles.—Steamer; or rail to Salinas, stage to San Luis Obispo.
 SAN MATEO, Cal.—20 miles.—S. P. R. R. three times a day.
 SAN PEDRO, Cal.—20 miles.—Ferry to Oakland, C. P. R. R. to San Pablo twice a day.
 SAN RAFAEL, Cal.—14 miles.—Ferry to San Quentin, rail to San Rafael.
 SANTA BARBARA, Cal.—280 miles.—Steamer; or rail to Salinas, and stage to Santa Barbara, daily.
 SANTA CLARA, Cal.—47 miles.—S. P. R. R. three times a day.
 SANTA CRUZ, Cal.—100 miles.—Rail to Watsonville, branch R. R. to Santa Cruz, or steamer direct.
 SITKA, Alaska.—1663 miles.—Steamer.
 SNEILING, Cal.—174 miles.—Rail to Merced, stage to Sneiling.
 SONOMA, Cal.—75 miles.—Steamer to Vallejo, rail to Napa, stage to Sonoma; or steamer to Lunahue, stage to Sonoma.
 SONORA, Cal.—173 miles.—Rail via Stockton to Milton, stage to Sonora.
 STOCKTON, Cal.—101 miles via C. P. R. R., or 117 miles via River.
 SUSUN AND FAIRFIELD, Cal.—43 miles.—Steamer to Vallejo, rail to Susan.
 SUSANVILLE, Cal.—296 miles.—C. P. R. R. to Reno, stage to Susanville.

GENERAL ROUTES FROM SAN FRANCISCO.

VALLEJO, Cal.—28 miles.—Steamer twice a day.
 VICTORIA, B. C.—750 miles.—Steamer every ten days.
 VIRGINIA CRT., Nev.—346 miles.—C. P. R. R. to Reno, branch railroad to Virginia.
 VISALIA, Cal.—242 miles.—C. P. R. R. to Lathrop, S. J. V. R. R. to Visalia.
 YOSEMITE VALLEY, Cal.—199 miles.—Rail to Merced, stage to the Valley.
 YREKA, Cal.—420 miles.—Rail to Redding, stage to Yreka.

METEOROLOGICAL TABLE.

The following table shows the mean Fahrenheit temperature of January and July, the semi-annual range between them, and the average annual rainfall in inches of various towns in California as compared with other places.

LOCALITY.	Jan'y	July	Range	Rain-fall in inches.
Sonoma, Cal...	45°	66°	21°	25in.
Vallejo, " ..	48	63	15	25
San Francisco, " ..	49	57	8	23
Monterey, " ..	52	63	6	20
Santa Barbara, " ..	54	71	17	15
Los Angeles, " ..	62	75	23	12
San Diego, " ..	51	72	21	10
Humboldt Bay, " ..	40	53	13	20
Sacramento, " ..	45	73	28	20
St. Augustine.....	57	80	23	55
St. Paul.....	13	73	60	30
Mentone.....	40	73	33	23
Funchal.....	60	70	10	—
New York.....	31	73	42	43
London.....	37	62	25	34

WEIGHTS AND MEASURES.

WEIGHT OF UNITED STATES COINS.

Grains. Ounces.	Grains. Ounces.
Double Eagle = 316 = 1.075	2-Dollar piece = 77.4 = .16125
Eagle..... = 258 = 0.8175	Quarter Eagle = 61.5 = .14375
Half-Eagle... = 129 = 0.40875	Dollar piece... = 25.8 = .06375

The ounce of Gold is valued at \$ 19.0046.
The ounce of Silver is valued at \$ 1.25.

TROY WEIGHT.

Ounces.	Pennyweights.	Grains.	Pounds Avair.
1 = 12 = 240 = 5,760			.822961
.. = 1 = 20 = 480			.068571
.. = .. = 1 = 24			.0034285

AVOIRDUPOIS WEIGHT.

Tons.	Cwt.	Pounds.	Ounces.	Drams.
1 = 20 = 2,240 = 35,840 = 572,140				
.. = 1 = 112 = 1,792 = 28,672				
.. = .. = 1 = 16 = 256				
.. = .. = .. = 1 = 16				

APOTHECARIES' WEIGHT.

Pounds.	Ounces.	Drams.	Scruples.	Grains.
1 = 12 = 96 = 288 = 5,760				
.. = 1 = 8 = 24 = 480				
.. = .. = 1 = 3 = 60				
.. = .. = .. = 1 = 20				

LIQUID CAPACITY.

Gallons.	Quarts.	Pints.	Gills.	Cubic Inches.
1 = 4 = 8 = 32 = 231.				
.. = 1 = 2 = 8 = 57.75				
.. = .. = 1 = 4 = 28.375				
.. = .. = .. = 1 = 7.21875				

A cylinder 7 inches in diameter and 6 inches high, holds a gallon.
A cubic foot contains 6.232 gallons.

WEIGHTS AND MEASURES.

DRY CAPACITY.

1 Bushel = 4 Pecks = 8 Gallons = 32 Quarts = 2,150.42 Cubic Inches.

A cylinder 18.5 inches in diameter and 8 inches deep, holds a bushel.

MEASURES OF LENGTH.

Mile.	Furlong.	Chain.	Rod.	Yard.	Foot.	Inches.
1 = 8 = 80 = 3,200 = 1,760 = 5,280 = 63,360						
.. = 1 = 10 = 40 = 220 = 660 = 7,920						
.. = .. = 1 = 4 = 22 = 66 = 792						
.. = .. = .. = 1 = 5.5 = 16.5 = 198						
.. = .. = .. = 1 = 1 = 3 = 36						
.. = .. = .. = 1 = 1 = 1 = 12						

1 Statute Mile = 5,280 feet = .8673 Nautical Miles.

1 Nautical Mile = 6,120 feet = 1,106.8 Statute Miles.

60 Nautical Miles = 62,545 Statute Miles.

1 Cable Length = 120 Fathoms = 240 Yards = 720 Feet.

MEASURES OF SURFACE.

Sq. Mile.	Acres.	Sq. Chain.	Sq. Rod.	Sq. Yard.	Sq. Foot.
1 = 640 = 6,080 = 102,400 = 3,097,600 = 27,878,400					
.. = 1 = 10 = 160 = 4,840 = 43,560					
.. = .. = 1 = 16 = 484 = 4,356					
.. = .. = .. = 1 = 30.25 = 272.25					
.. = .. = .. = 1 = 1 = 9					

A lot 240 by 198 feet = 1 Acre.

A 20-vara lot, San Francisco measurement, is 1,574 feet square.

A 100-vara lot is 255 feet square. The San Francisco Vara is 2 feet 9 inches. The true Vara is 2.781 feet. A San Francisco

100-vara lot = 1,7667 acres.

SIZES OF DRAWING PAPER.

Cap	Demy	Medium	Royal	Super-royal	Imperial	Elephant	Columbian	Atlas	Theorem	Double Elephant	Antiquarian	Empire	Uncle Sam
12 1/2 x 17	12 x 17	11 1/2 x 17	10 1/2 x 14	9 1/2 x 12 1/2	8 1/2 x 13 1/2	8 1/2 x 13 1/2	22 1/2 x 34 1/2	20 x 34	18 x 24	20 1/2 x 40	31 x 53	48 x 72	48 x 120

TEMPERATURE OF VARIOUS LOCALITIES.

PLACE.	LATITUDE	MEAN TEMPERATURE		
		OF YEAR	OF WINT ^r	OF SUM ^r
Algiers	33° 43'	69.98°	61.52°	80.24°
Amsterdam	52.22	51.62	39.80	65.84
Berne	46.06	49.28	32.00	66.56
Bordeaux	44.60	56.48	42.08	70.88
Brussels	50.60	51.80	39.68	66.20
Cairo	30.02	72.32	58.46	85.10
Cambridge, U.S.	42.26	50.36	33.98	70.70
Cincinnati	39.04	53.78	32.90	72.86
Copenhagen	55.41	45.88	31.74	62.40
Dublin	53.21	49.10	39.20	59.54
Edinburgh	56.57	47.94	38.08	58.28
Geneva	48.12	49.26	34.70	64.94
Havana	23.10	78.08	71.24	83.90
London	51.30	50.38	39.54	63.14
Marseilles	43.17	59.00	45.50	72.50
Moscow	55.45	40.10	10.78	67.10
Nagasaki	32.45	60.80	39.38	82.94
Natchez	31.28	64.76	48.56	79.16
New York	40.40	53.78	29.84	79.16
Paris	48.50	51.08	38.66	64.58
Pekin	39.54	54.86	26.42	82.58
Philadelphia	39.52	53.42	32.18	73.94
Quebec	46.47	41.74	14.18	68.00
Rome	41.53	60.44	45.89	75.20
Sacramento	38.32	59.90	48.46	70.77
San Francisco	37.47	55.85	50.50	58.97
Stockholm	59.20	42.26	25.32	61.88
St. Petersburg	59.56	38.54	17.06	62.06
Syera Cruz	19.11	77.72	71.04	81.50
Vienna	48.12	50.54	32.72	69.26
Warsaw	52.14	48.56	28.76	69.08

THE SEASONS.

Spring begins	March 19th,	9h. P.M.
Summer begins	June 20th,	5h. P.M.
Autumn begins	Sept. 22d,	8h. A.M.
Winter begins	Dec. 21st,	2h. A.M.

(Given in San Francisco time.)

EFFECTS OF TEMPERATURE.

ABOVE ZERO (FAHRENHEIT.)

Strong wine freezes	20°
Milk freezes	39
Ice melts	41
Mean temperature at Edinburgh	41
Mean temperature at London	50.7
Mean temperature at Sacramento	59.5
Mean temperature at Rome	60
Mean temperature at the Equator	81.5
Heat of the human blood	98
Ether boils	98
Phosphorus melts	100
Alcohol boils	173
Water boils	212
Sulphur melts	212
Nitric acid boils	237
Tin melts	242
Polished steel acquires a pale straw color	412
Bismuth melts	460
Phosphorus boils	476
Polished steel acquires a deep blue color	554
Sulphuric acid boils	560
Lead melts	594
Linseed oil boils	594
Lowest ignition of iron in the dark	600
Mercury boils	633
Zinc melts	682
Iron bright red in the dark	700
Antimony melts	732
Iron red hot in the twilight	819
Red heat fully visible in the daylight	844
Heat of a common fire	1077
Brass melts	1141
Silver melts	1599
Copper melts	1873
Gold melts	1996
Steel melts	2916
Cast iron melts	2500
Platinum melts	2880

HACK FARES IN SAN FRANCISCO.

ORDER No. 1,212.

RATES OF FARE.

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

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

SEC. 8 OF ORDER 1,212.—“From the landing of any steamboat to any point east of the west line of Larkin street, and north of the south line of Brannan street, east of Third street, shall in all cases be estimated not to exceed one mile.”

Example: \$35.00 at 6 per cent. $35.00 \times .06 = \$2.10$; Total, \$37.10

INTEREST TABLE.

	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
\$0.25	0.0025	0.0050	0.0075	0.0100	0.0125	0.0150	0.0175	0.0200	0.0225	0.0250
0.50	0.0050	0.0100	0.0150	0.0200	0.0250	0.0300	0.0350	0.0400	0.0450	0.0500
1.00	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000
2.00	0.0200	0.0400	0.0600	0.0800	0.1000	0.1200	0.1400	0.1600	0.1800	0.2000
3.00	0.0300	0.0600	0.0900	0.1200	0.1500	0.1800	0.2100	0.2400	0.2700	0.3000
4.00	0.0400	0.0800	0.1200	0.1600	0.2000	0.2400	0.2800	0.3200	0.3600	0.4000
5.00	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000	0.4500	0.5000
6.00	0.0600	0.1200	0.1800	0.2400	0.3000	0.3600	0.4200	0.4800	0.5400	0.6000
7.00	0.0700	0.1400	0.2100	0.2800	0.3500	0.4200	0.4900	0.5600	0.6300	0.7000
8.00	0.0800	0.1600	0.2400	0.3200	0.4000	0.4800	0.5600	0.6400	0.7200	0.8000
9.00	0.0900	0.1800	0.2700	0.3600	0.4500	0.5400	0.6300	0.7200	0.8100	0.9000
10.00	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000	0.9000	1.0000
20.00	0.2000	0.4000	0.6000	0.8000	1.0000	1.2000	1.4000	1.6000	1.8000	2.0000
30.00	0.3000	0.6000	0.9000	1.2000	1.5000	1.8000	2.1000	2.4000	2.7000	3.0000
40.00	0.4000	0.8000	1.2000	1.6000	2.0000	2.4000	2.8000	3.2000	3.6000	4.0000
50.00	0.5000	1.0000	1.5000	2.0000	2.5000	3.0000	3.5000	4.0000	4.5000	5.0000
60.00	0.6000	1.2000	1.8000	2.4000	3.0000	3.6000	4.2000	4.8000	5.4000	6.0000
70.00	0.7000	1.4000	2.1000	2.8000	3.5000	4.2000	4.9000	5.6000	6.3000	7.0000
80.00	0.8000	1.6000	2.4000	3.2000	4.0000	4.8000	5.6000	6.4000	7.2000	8.0000
100.00	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000
200.00	2.0000	4.0000	6.0000	8.0000	10.0000	12.0000	14.0000	16.0000	18.0000	20.0000
300.00	3.0000	6.0000	9.0000	12.0000	15.0000	18.0000	21.0000	24.0000	27.0000	30.0000
400.00	4.0000	8.0000	12.0000	16.0000	20.0000	24.0000	28.0000	32.0000	36.0000	40.0000
500.00	5.0000	10.0000	15.0000	20.0000	25.0000	30.0000	35.0000	40.0000	45.0000	50.0000
600.00	6.0000	12.0000	18.0000	24.0000	30.0000	36.0000	42.0000	48.0000	54.0000	60.0000
700.00	7.0000	14.0000	21.0000	28.0000	35.0000	42.0000	49.0000	56.0000	63.0000	70.0000
800.00	8.0000	16.0000	24.0000	32.0000	40.0000	48.0000	56.0000	64.0000	72.0000	80.0000
900.00	9.0000	18.0000	27.0000	36.0000	45.0000	54.0000	63.0000	72.0000	81.0000	90.0000
1000.00	10.0000	20.0000	30.0000	40.0000	50.0000	60.0000	70.0000	80.0000	90.0000	100.0000

IMPORTANT EPOCHS AND ERAS,

WITH THE PERIODS OF THEIR COMMENCEMENT.

Grecian Year of the World.....	September 1, B. C. 5238.
Julian Period.....	January 1, B. C. 4745.
Jewish Mundane Era.....	Vernal Equinox, B. C. 3761.
Destruction of Troy.....	June, B. C. 1184.
Building of Solomon's Temple.....	May, B. C. 1015.
Era of Olympiads.....	New Moon, Summer Solstice, B. C. 776.
Roman Era.....	April 24, B. C. 753.
Era of Nabonassar.....	February 26, B. C. 747.
Melonic Cycle.....	July 15, B. C. 472.
Julian Year.....	January 1, B. C. 45.
Augustan Era.....	February 14, B. C. 27.
Indiction of Constantinople.....	September 1, B. C. 7.
Christian Era.....	January 1, A. D. 1; A. M. 4004.
Destruction of Jerusalem.....	September 21, A. D. 62.
Era of Diocletian.....	September 17, A. D. 284.
Era of Hegira.....	July 16, A. D. 622.
Persian Era.....	June 16, A. D. 622.
Conquest of England.....	October 14, A. D. 1066.
Declaration American Independence.....	July 4, A. D. 1776.

MORNING AND EVENING STARS.

MERCURY will be visible as Evening Star about March 10, July 6, and November 3; and as Morning Star about April 20, August 21, and December 13.

VENUS will be Morning Star till July 13; and Evening Star the rest of the year.

JUPITER will be Evening Star till March 15; then Morning Star till Oct. 7; and Evening Star again the rest of the year.

CHRONOLOGICAL CYCLES, 1880.

Domical Letters.....	D. C.
Epact.....	18
Lunar Cycle or Golden Number.....	19
Solar Cycle.....	15
Roman Indiction.....	8
Julian Period.....	6,533

STAMP DUTIES.

PROPRIETARY MEDICINES, Perfumery, Cosmetics, Preparations, &c., each package retailed at not over 25 cents.....	\$0 1
Over 25 cents and not over 50 cents.....	0 2
Over 50 cents and not over 75 cents.....	0 3
Over 75 cents and not over \$1.....	0 4
Every additional 50 cts. or part thereof, 2 cts. more.	
FRICITION MATCHES, or Lucifer matches, or other articles made in part of wood, and used for like purposes, each package of 100 matches, or part thereof.....	0 1
Packages of more than 100 matches, for each 100 or part thereof.....	0 1
CIGAR LIGHTS, made in part of wood, wax, glass, paper, or other materials, in packages containing 25 lights or less, each package.....	0 1
Every additional twenty-five lights, or part thereof, 1 cent more.	
PLAYING CARDS, for and upon every pack, not exceeding fifty-two cards in number, irrespective of price or value.....	0 5
No stamps are required upon any papers or documents except the two-cent stamps upon bank checks, all others, except as above specified, having been repealed by act of Congress. Took effect October 1, 1872.	

DIVISIONS OF TIME.

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

A **CALENDAR MONTH** varies in length from 29 to 31 days. A **MEAN LUNAR MONTH** is 29 days, 12 hours, 44 minutes, 2 seconds, and 5.24 thirds.

A **YEAR** is divided into 365 days. A **SOLAR YEAR**, which is the time occupied by the Sun in passing from one Vernal Equinox to another, consists of 365,242,244 solar days, or 365 days, 5 hours, 48 minutes, and 49.223 seconds. A **JULIAN YEAR** is 365 days. A **GRIGORIAN YEAR** is 365,242,243 days. Every fourth year is **BISSEXTILE**, or **LEAP YEAR**, and has 243 days.

RATES OF POSTAGE.

MAILABLE MATTER is divided into four classes, viz.

FIRST, written matter.

SECOND, periodical publications.

THIRD, miscellaneous printed matter.

FOURTH, merchandise.

FIRST CLASS.

MAILABLE MATTER of the first class shall embrace letters, postal cards, and all matters wholly or partly in writing. On mailable matter of the first class, except postal cards and drop-letters, postage shall be prepaid at the rate of three cents for each half ounce or fraction thereof.

REGISTERED LETTERS, 10 cents, in addition to the proper postage.

POSTAL CARDS shall be transmitted through the mails at a postage charge of one cent each.

DROP-LETTERS shall be mailed at the rate of 2 cents per half ounce or fraction thereof, including delivery at letter-carrier offices, and one cent for each half ounce or fraction thereof where free delivery by carrier is not established.

THE POSTMASTER GENERAL may, however, provide by regulation for transmitting unpaid and duly certified letters of soldiers, sailors and marines, in the service of the United States to their destination, to be paid on delivery.

SECOND CLASS.

MAILABLE MATTER of the second class shall embrace all newspapers and other periodical publications which are issued at stated intervals, and as frequently as four times a year, and shall be entitled to transmission through

RATES OF POSTAGE.

the mails at two cents a pound or fraction thereof, such postage to be prepaid, as now provided by law.

THIRD CLASS.

MAIL-MATTER of the third class shall embrace books, transient newspapers and periodicals, circulars, and other matter wholly in print, proof-sheets, corrected proof-sheets, and manuscript copy accompanying the same, and postage shall be paid at the rate of one cent for each two ounces or fractional part thereof, and shall fully be prepaid by postage stamps affixed to said matter. Printed matter other than books received in the mails from foreign countries under the provisions of postal treaties or conventions shall be free of customs duty, and books which are admitted to the international mails exchanged under the provisions of the Universal Postal Union Convention may, when subject to customs duty, be delivered to addressees in the United States under such regulations for the collection of duties as may be agreed upon by the Secretary of the Treasury and the Postmaster General.

FOURTH CLASS.

MAILABLE MATTER of the fourth class shall embrace all matter not embraced in the first, second, or third class, which is not in its form or nature liable to destroy, deface, or otherwise damage the contents of the mail-bag, or harm the person of any one engaged in the postal service, and is not above the weight provided by law, which is hereby declared to be not exceeding four pounds for each package thereof. All matter of the fourth class shall be subject to examination and to a postage charge at the rate of one cent an ounce or fraction thereof, to be prepaid by stamps affixed.

FOREIGN POSTAGE.

LETTERS TO MEXICO, CHINA, AND MANILLA, 5 cents for each 1-2 ounce. To PANAMA, ASPENWALL, AND FLJI ISLANDS, 5 cents for each 1-2 ounce. Postage on newspapers 2 cents each.

LETTERS TO JAPAN, 5 cents for each 1-2 ounce. Newspapers 2 cents each.

LETTERS TO BRITISH COLUMBIA, 3 cents. To the HAWAIIAN ISLANDS, 6 cents, for each 1-2 ounce.

LETTERS TO CHILI, and other Pacific South American Ports, 5 cents for each 1-2 ounce. PERU, 5 cents for each 1-2 ounce.

LETTERS TO THE DOMINION OF CANADA, 3 cents for each 1-2 ounce; prepayment necessary. Mailable matter of the 3d class to the Dominion of Canada, 10 cents for every 8 ounces or fraction thereof.

LETTERS TO GREAT BRITAIN OR IRELAND, 5 cents for each 1-2 ounce.

LETTERS TO GERMANY, 5 cents for each 1-2 ounce.

AUSTRALIA, &c.—LETTERS TO TASMANIA, the Colonies of SOUTH AUSTRALIA, and WEST AUSTRALIA, in AUSTRALIA, 5 cents for each 1-2 ounce. Newspapers, 2 cents each.

LETTERS TO NEW ZEALAND, NEW SOUTH WALES, QUEENSLAND, and VICTORIA, 12 cents for each 1-2 ounce.

LETTERS TO OTHER FOREIGN COUNTRIES vary in rate according to the route by which they are sent, and the proper information can be obtained of any Postmaster in the United States.

MEAN AND APPARENT TIME.

APPARENT TIME is reckoned by the revolutions of the Sun from the meridian to the meridian again. These intervals being unequal, of course the apparent solar days are unequal to each other.

MEAN TIME is time reckoned by the average length of all the solar days throughout the year. This is the period which constitutes the civil day of 24 hours.

THE LENGTH OF DAYS.

At San Francisco the longest day has 14½ hours; at Boston, 15½; at Berlin and London, 16½; at Stockholm and Upsal, 18½; at Hamburg, Dantzic, and Stattin, 17, and the shortest 7. At St. Petersburg and Tobolsk the longest day has 19, and the shortest 5 hours. At Bornea in Finland, the longest day has 21½, and the shortest 2½ hours. At Wanderbus, in Norway, the day lasts from the 21st of May to the 22d of July, without interruption; and at Spitzbergen, the longest day is 3½ months.

TIDES AT SAN FRANCISCO.

NOTE.—The tables of Tides for San Francisco are obtained from the latest data of the United States Coast Survey. These Tides are extremely irregular, both as regards interval and height. The two daily tides may occur either during the same morning, or during the same afternoon. In the tide columns of these pages the asterisk (*) denotes the second morning tide, and the obelisk (†) the first afternoon tide of the day when so occurring. Finally, the larger tide of the day is distinguished by the letter (l), and the smaller by (s.)

List of Sundays in 1880.

JANUARY.....	4.....11.....18.....25
FEBRUARY... 1.....8.....15.....22.....29	
MARCH..... 7.....14.....21.....28	
APRIL..... 4.....11.....18.....25	
MAY..... 2.....9.....16.....23.....30	
JUNE..... 6.....13.....20.....27	
JULY..... 4.....11.....18.....25	
AUGUST... 1.....8.....15.....22.....29	
SEPTEMBER... 5.....12.....19.....26	
OCTOBER... 3.....10.....17.....24.....31	
NOVEMBER... 7.....14.....21.....28	
DECEMBER... 5.....12.....19.....26	

ECLIPSES IN THE YEAR 1880.

In the year 1880 there will be six Eclipses, four of the Sun, and two of the Moon.

I. A TOTAL ECLIPSE OF THE SUN, January 11th. Visible to the western quarter of North America and to the Pacific Ocean; being central and total along a line distant twenty miles south of and parallel to a line drawn through Monterey, Mariposa and Salt Lake City. Elsewhere it will be partial.

The Eclipse will begin as follows:

San Francisco	11d. 2h. 35m. A.
Portland, O.	11d. 2h. 29m. A.
Victoria, W. T.	11d. 2h. 25m. A.
Monterey	11h. 2h. 47m. A.
Mariposa	11h. 2h. 38m. A.
Sacramento City	11d. 2h. 33m. A.
San Diego	11d. 2h. 32m. A.
Stockton	11d. 2h. 49m. A.
Virginia City, Nev.	11d. 2h. 48m. A.
Salt Lake City	11d. 3h. 24m. A.

The Sun setting more or less eclipsed.

II. A TOTAL ECLIPSE OF THE MOON, June 22. Partly visible. Visible to Asia, Australia, the Pacific Ocean, and western edge of North America. Occurring in San Francisco time as follows:

Moon enters Penumbra	22d. 3h. 40m. M.
Moon enters Shadow	22d. 4h. 5m. M.

III. AN ANNULAR ECLIPSE OF THE SUN, July 7th. Invisible. Visible to the southern half of South America, to Cape of Good Hope, and to South Atlantic Ocean.

IV. AN INDETERMINATE PARTIAL ECLIPSE OF THE SUN, December 1. Invisible. Visible to Southern Ocean.

V. A TOTAL ECLIPSE OF THE MOON, December 16. Partly visible. Visible more or less to the world generally, except to South America, the West India Islands, and eastern portion of North America. Occurring in San Francisco time as follows:

Moon enters Penumbra	16d. 4h. 21m. M.
Moon enters Shadow	16d. 5h. 34m. M.
Total Eclipse begins	16d. 6h. 43m. M.
Middle of Eclipse	16d. 7h. 25m. M.
Magnitude of Eclipse = 1.368 (Moon's diameter = 1)	

VI. A PARTIAL ECLIPSE OF THE SUN, December 31. Invisible. Visible to eastern portion of North America, to Europe, and to North Atlantic Ocean.

TIDES AT SAN FRANCISCO.

HIGH TIDES :: JANUARY.						HIGH TIDES :: FEBRUARY.					
D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g
1	3 46	2 47	17	4 56	4 57	11	3 47	4 46	16	3 50	5 30
2	3 56	2 47	18	4 57	4 46	12	3 47	5 28	17	4 12	6 30
3	4 11	4 46	19	5 22	5 22	13	3 51	6 28	18	4 42	7 50
4	4 50	5 22	20	5 40	5 40	14	4 10	7 16	19	5 42	8 45
5	5 27	5 40	21	6 00	6 00	15	4 30	8 00	20	6 42	9 45
6	6 16	6 00	22	6 21	6 21	16	4 50	8 40	21	7 41	10 25
7	7 21	6 21	23	6 42	6 42	17	5 10	9 15	22	8 38	11 05
8	8 41	6 42	24	7 03	7 03	18	5 30	9 50	23	9 35	11 45
9	9 61	7 03	25	7 24	7 24	19	5 50	10 20	24	10 30	12 25
10	9 41	7 24	26	7 45	7 45	20	6 10	10 50	25	11 15	1 05
11	9 56	7 45	27	8 06	8 06	21	6 30	11 20	26	12 00	1 45
12	1 16	8 06	28	8 27	8 27	22	6 50	11 50	27	12 45	2 25
13	1 56	8 27	29	8 48	8 48	23	7 10	12 20	28	1 30	3 05
14	2 56	8 48	30	9 09	9 09	24	7 30	12 50	29	2 15	3 45
15	3 56	9 09	31	9 30	9 30	25	7 50	1 20	30	3 00	4 25
16	4 56	9 30		9 51	9 51	26	8 10	2 10			

* For explanatory remarks, see Note on page 41.

HIGH TIDES :: MARCH.						HIGH TIDES :: APRIL.					
D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g
1	2 37	4 16	17	3 57	4 56	11	3 37	4 46	17	4 28	7 12
2	2 48	5 30	18	4 17	7 30	12	4 01	7 52	18	5 02	7 45
3	3 42	6 58	19	5 01	7 57	13	4 31	8 52	19	6 02	8 30
4	4 54	8 10	20	6 11	8 45	14	5 01	9 45	20	7 01	9 15
5	6 12	9 17	21	7 01	9 20	15	5 31	10 31	21	8 01	9 55
6	7 29	10 15	22	8 01	10 15	16	6 01	11 11	22	9 00	10 45
7	8 41	11 05	23	9 01	11 05	17	6 31	11 51	23	10 00	11 35
8	9 41	11 25	24	10 01	11 25	18	7 01	12 31	24	11 00	12 25
9	10 41	11 45	25	11 01	12 01	19	7 31	1 11	25	12 00	1 15
10	11 41	12 05	26	12 01	1 05	20	8 01	2 01	26	12 45	2 05
11	1 16	1 25	27	1 25	1 25	21	8 31	2 51	27	1 30	2 55
12	1 42	1 32	28	2 46	2 46	22	9 01	3 41	28	2 15	3 45
13	1 57	2 26	29	3 46	3 46	23	9 31	4 31	29	3 00	4 35
14	2 04	3 20	30	4 46	4 46	24	10 01	5 21	30	3 45	5 25
15	2 12	4 26	31	5 46	5 46	25	10 31	6 11	31	4 30	6 15
16	2 19	5 15		6 46	6 46	26	11 01	7 01			

HIGH TIDES :: MAY.						HIGH TIDES :: JUNE.					
D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g	D	Morn'g	Even'g
1	4 40	7 15	17	5 22	6 47	11	7 54	7 42	17	7 25	4 50
2	6 54	8 16	18	6 20	7 35	12	8 56	8 34	18	8 16	4 17
3	7 17	8 40	19	7 51	7 51	13	9 16	8 54	19	9 20	4 32
4	8 27	9 25	20	8 56	8 29	14	10 10	9 12	20	10 11	4 00
5	9 27	9 57	21	10 50	9 42	15	11 12	10 42	21	11 10	3 40
6	10 15	10 21	22	11 18	9 42	16	12 01	10 39	22	12 01	3 25
7	11 12	10 21	23	11 49	10 17	17	1 28	10 45	23	1 28	3 10
8	0 47	10 21	24	1 13	11 13	18	1 45	11 22	24	0 27	2 55
9	0 56	11 22	25	0 11	12 30	19	0 10	12 29	25	1 21	2 40
10	1 40	11 42	26	0 11	2 25	20	0 10	1 16	26	1 40	2 25
11	2 24	12 42	27	1 01	3 16	21	0 57	2 10	27	2 21	2 10
12	3 08	1 40	28	2 10	4 26	22	1 49	3 02	28	3 02	1 55
13	3 52	2 18	29	3 11	5 35	23	2 42	4 10	29	3 52	1 40
14	4 36	3 00	30	4 12	6 44	24	3 34	5 18	30	4 36	1 25
15	5 20	3 42	31	5 12	7 53	25	4 26	6 26	31	5 20	1 10
16	6 04	4 24		6 12	9 02	26	5 18	7 34			

TIDES AT SAN FRANCISCO.

HIGH TIDES: JULY.				HIGH TIDES: AUGUST.				
D	Morn's	Even'g	D	Morn's	Even'g	D	Morn's	Even'g
1	7 50	7 10	17	8 40	8 54	1	10 00	7 57
2	8 10	7 50	18	10 10	8 11	2	10 57	8 53
3	10 10	8 25	19	11 30	9 17	3	11 53	9 52
4	11 10	9 40	20	0 40	10 25	4	0 20	10 52
5	0 40	9 48	21	0 40	11 10	5	0 20	11 42
6	0 40	10 20	22	1 20	11 50	6	1 17	12 20
7	1 10	11 10	23	2 10	12 30	7	2 10	13 00
8	2 10	12 10	24	3 10	1 10	8	3 10	13 40
9	3 10	1 10	25	4 10	2 10	9	4 10	14 20
10	4 10	2 10	26	5 10	3 10	10	5 10	15 00
11	5 10	3 10	27	6 10	4 10	11	6 10	15 40
12	6 10	4 10	28	7 10	5 10	12	7 10	16 20
13	7 10	5 10	29	8 10	6 10	13	8 10	17 00
14	8 10	6 10	30	9 10	7 10	14	9 10	17 40
15	9 10	7 10	31	10 10	8 10	15	10 10	18 20
16	10 10	8 10				16	11 10	19 00

HIGH TIDES: SEPTEMBER.				HIGH TIDES: OCTOBER.				
D	Morn's	Even'g	D	Morn's	Even'g	D	Morn's	Even'g
1	11 40	9 20	10	10 20	10 82	17	11 20	11 42
2	11 40	10 20	11	11 40	10 52	18	12 40	12 20
3	11 40	11 20	12	12 40	11 20	19	1 40	13 00
4	11 40	12 20	13	1 40	11 50	20	2 40	13 40
5	11 40	1 20	14	2 40	12 20	21	3 40	14 20
6	11 40	2 20	15	3 40	1 20	22	4 40	15 00
7	11 40	3 20	16	4 40	2 20	23	5 40	15 40
8	11 40	4 20	17	5 40	3 20	24	6 40	16 20
9	11 40	5 20	18	6 40	4 20	25	7 40	17 00
10	11 40	6 20	19	7 40	5 20	26	8 40	17 40
11	11 40	7 20	20	8 40	6 20	27	9 40	18 20
12	11 40	8 20	21	9 40	7 20	28	10 40	19 00
13	11 40	9 20	22	10 40	8 20	29	11 40	19 40
14	11 40	10 20	23	11 40	9 20	30	12 40	20 20
15	11 40	11 20	24	12 40	10 20	31	1 40	21 00
16	11 40	12 20	25	1 40	11 20			

HIGH TIDES: NOVEMBER.				HIGH TIDES: DECEMBER.				
D	Morn's	Even'g	D	Morn's	Even'g	D	Morn's	Even'g
1	10 20	11 40	17	1 10	10 57	1	10 20	11 20
2	10 20	11 40	18	2 10	11 40	2	10 20	11 20
3	10 20	11 40	19	3 10	12 20	3	10 20	11 20
4	10 20	11 40	20	4 10	1 10	4	10 20	11 20
5	10 20	11 40	21	5 10	2 10	5	10 20	11 20
6	10 20	11 40	22	6 10	3 10	6	10 20	11 20
7	10 20	11 40	23	7 10	4 10	7	10 20	11 20
8	10 20	11 40	24	8 10	5 10	8	10 20	11 20
9	10 20	11 40	25	9 10	6 10	9	10 20	11 20
10	10 20	11 40	26	10 10	7 10	10	10 20	11 20
11	10 20	11 40	27	11 10	8 10	11	10 20	11 20
12	10 20	11 40	28	12 10	9 10	12	10 20	11 20
13	10 20	11 40	29	1 10	10 10	13	10 20	11 20
14	10 20	11 40	30	2 10	11 10	14	10 20	11 20
15	10 20	11 40	31	3 10	12 10	15	10 20	11 20
16	10 20	11 40				16	10 20	11 20

ALMANAC FOR 1880.

January.						February.					
MOON'S PHASES.						MOON'S PHASES.					
Last Quarter, 4d. 10h. 40m. A.						Last Quarter, 3d. 7h. 50m. M.					
New Moon, 11d. 2h. 31m. A.						New Moon, 10d. 3h. 5m. M.					
First Quarter, 18d. 10h. 11m. A.						First Quarter, 17d. 7h. 55m. A.					
Full Moon, 25d. 2h. 3m. M.						Full Moon, 25d. 5h. 11m. A.					

D	M	Rise	Set	Days	Moon	D	D	Rise	Set	Days	Moon
M	A	A	A	A	R	M	A	A	A	A	R
1	Th	7 16	4 51	9 35	0 9	1	Mo	7 6	5 23	10 18	11 27
2	Fr	7 16	4 52	9 35	10 14	2	Mo	7 4	5 24	10 20	morn
3	Sa	7 17	4 53	9 37	11 20	3	Tu	7 3	5 25	10 22	0 34
4	Mo	7 17	4 54	9 37	morn	4	We	7 3	5 26	10 24	1 48
5	Mo	7 17	4 55	9 38	0 25	5	Th	7 2	5 26	10 26	2 56
6	Tu	7 17	4 56	9 39	0 25	6	Th	7 1	5 27	10 28	3 69
7	We	7 17	4 57	9 40	2 48	7	Fr	7 0	5 28	10 31	4 53
8	Th	7 16	4 57	9 41	4 0	8	Sa	6 58	5 31	10 33	6 29
9	Fr	7 16	4 58	9 42	5 9	9	Mo	6 57	5 32	10 35	6 19
10	Sa	7 16	4 59	9 43	6 13	10	Tu	6 56	5 33	10 37	sets
11	Mo	7 16	5 0	9 44	sets	11	We	6 55	5 34	10 39	7 21
12	Mo	7 16	5 1	9 45	6 18	12	Th	6 54	5 35	10 41	8 21
13	Tu	7 15	5 2	9 47	7 29	13	Fr	6 53	5 36	10 43	9 27
14	We	7 15	5 3	9 48	8 36	14	Sa	6 52	5 37	10 45	10 29
15	Th	7 15	5 4	9 49	9 41	15	Mo	6 51	5 38	10 47	11 30
16	Fr	7 15	5 5	9 50	10 44	16	Mo	6 49	5 39	10 50	morn
17	Sa	7 14	5 6	9 52	11 41	17	Tu	6 48	5 41	10 53	0 29
18	Mo	7 14	5 7	9 53	morn	18	We	6 46	5 42	10 56	1 26
19	Mo	7 13	5 8	9 55	0 42	19	Th	6 45	5 43	10 58	2 20
20	Tu	7 13	5 9	9 56	1 41	20	Fr	6 44	5 44	11 0	3 9
21	We	7 12	5 10	9 58	2 40	21	Sa	6 43	5 45	11 2	3 64
22	Th	7 12	5 11	9 59	3 37	22	Mo	6 41	5 46	11 4	4 35
23	Fr	7 11	5 13	10 2	4 29	23	Mo	6 40	5 47	11 7	5 10
24	Sa	7 11	5 14	10 3	5 17	24	Tu	6 39	5 48	11 9	5 42
25	Mo	7 10	5 15	10 5	6 1	25	We	6 38	5 49	11 11	rises
26	Mo	7 9	5 16	10 7	6 33	26	Th	6 36	5 50	11 14	7 0
27	Tu	7 9	5 17	10 8	rises	27	Fr	6 35	5 51	11 16	8 8
28	We	7 8	5 19	10 11	7 1	28	Sa	6 33	5 52	11 19	9 17
29	Th	7 8	5 20	10 12	8 7	29	Mo	6 32	5 53	11 21	10 23
30	Fr	7 7	5 21	10 14	9 13						
31	Sa	7 6	5 22	10 15	10 13						

ALMANAC FOR 1880.

March.

MOON'S PHASES.

Last Quarter, 5d. 2h. 58m. A.
New Moon, 10d. 4h. 38m. A.
First Quarter, 18d. 4h. 27m. A.
Full Moon, 26d. 5h. 14m. M.

April.

MOON'S PHASES.

Last Quarter, 1d. 10h. 4m. A.
New Moon, 9d. 6h. 53m. M.
First Quarter, 17d. 11h. 5m. M.
Full Moon, 26d. 2h. 41m. A.

D	D	Sun	Sun	Days	Moon	D	D	Sun	Sun	Days	Moon
of	of	Rises	Sets	Length	R & S	of	of	Rises	Sets	Length	R & S
M	W	A m	A m	A m	A m	M	W	A m	A m	A m	A m
1	Mo	6 31	5 54	11 23	11 39	1	Th	5 44	6 24	12 40	0 44
2	Tu	6 29	5 55	11 20	morn	2	Fr	5 43	6 24	12 41	1 35
3	We	6 28	5 56	11 28	0 48	3	Sa	5 41	6 25	12 44	2 17
4	Th	6 26	5 57	11 31	1 52	4	Mo	5 40	6 26	12 46	2 51
5	Fr	6 25	5 58	11 33	2 49	5	Mo	5 38	6 27	12 49	3 23
6	Sa	6 24	5 59	11 35	3 37	6	Tu	5 37	6 28	12 51	3 51
7	Su	6 22	6 01	11 38	4 16	7	We	5 35	6 29	12 54	4 18
8	Mo	6 21	6 1	11 40	4 50	8	Th	5 34	6 30	12 56	4 44
9	Tu	6 19	6 2	11 43	5 21	9	Fr	5 32	6 31	12 59	sets
10	We	6 18	6 3	11 45	sets	10	Sa	5 31	6 32	13 1 8 4	
11	Th	6 16	6 4	11 48	7 11	11	Su	5 29	6 33	13 4 9 2	
12	Fr	6 15	6 5	11 50	8 16	12	Mo	5 28	6 33	13 5 10 0	
13	Sa	6 13	6 11	11 53	9 16	13	Tu	5 28	6 34	13 8 10 53	
14	Su	6 12	6 7	11 55	10 14	14	We	5 25	6 35	13 10 11 42	
15	Mo	6 10	6 8	11 58	11 14	15	Th	5 21	6 36	13 12 morn	
16	Tu	6 8	8 9	12 1 morn		16	Fr	5 22	6 37	13 15 0 25	
17	We	6 7	8 10	12 3	0 10	17	Sa	5 21	6 38	13 17 1 4	
18	Th	6 5	8 10	12 5	1 1	18	Su	5 19	6 39	13 20 1 37	
19	Fr	6 4	8 11	12 7	1 48	19	Mo	5 18	6 40	13 22 2 2	
20	Sa	6 2	8 12	12 10	2 22	20	Tu	5 17	6 41	13 24 2 36	
21	Su	6 1	8 12	12 12	3 5	21	We	5 16	6 42	13 26 3 4	
22	Mo	5 59	8 14	12 15	3 38	22	Th	5 15	6 42	13 28 3 32	
23	Tu	5 58	8 15	12 17	4 9	23	Fr	5 13	6 43	13 30 4 3	
24	We	5 56	8 16	12 20	4 38	24	Sa	5 12	6 44	13 32 4 40	
25	Th	5 55	8 17	12 22	5 6	25	Su	5 11	6 46	13 34 rises	
26	Fr	5 53	8 18	12 25	rises	26	Mo	5 10	6 46	13 36 9 29	
27	Sa	5 52	8 19	12 27	8 11	27	Tu	5 8	6 47	13 39 10 33	
28	Su	5 50	8 20	12 30	9 25	28	We	5 7	6 48	13 41 11 29	
29	Mo	5 49	8 21	12 32	10 39	29	Th	5 6	6 49	13 43 morn	
30	Tu	5 47	8 22	12 35	11 44	30	Fr	5 6	6 50	13 45 0 15	
31	We	5 46	8 23	12 37	morn						

ALMANAC FOR 1880.

May.

MOON'S PHASES.

Last Quarter, 1d. 8h. 44m. M.
New Moon, 8d. 10h. 1m. A.
First Quarter, 17d. 2h. 19m. M.
Full Moon, 24. 10h. 25m. A.
Last Quarter, 32d. 2h. 41m. A.

June.

MOON'S PHASES.

New Moon, 7d. 1h. 46m. A.
First Quarter, 15d. 1h. 42m. A.
Full Moon, 23d. 5h. 35m. M.
Last Quarter, 29d. 1h. 49m. M.

D	D	Sun	Sun	Days	Moon	D	D	Sun	Sun	Days	Moon
of	of	Rises	Sets	Length	R & S	of	of	Rises	Sets	Length	R & S
M	W	A m	A m	A m	A m	M	W	A m	A m	A m	A m
1	Sa	5 46	5 51	13 47	0 53	1	Tu	4 40	7 16	14 38	0 51
2	Su	5 24	5 51	13 49	1 26	2	We	4 39	7 16	14 37	1 19
3	Mo	5 16	5 52	13 51	1 54	3	Th	4 39	7 17	14 38	1 48
4	Tu	5 0	5 53	13 53	2 21	4	Fr	4 39	7 18	14 39	2 18
5	We	4 59	5 54	13 55	2 48	5	Sa	4 39	7 18	14 39	2 52
6	Th	4 58	5 55	13 57	3 14	6	Su	4 38	7 19	14 41	3 31
7	Fr	4 57	5 54	13 59	3 43	7	Mo	4 38	7 19	14 41	sets
8	Sa	4 56	5 57	14 1 4 15		8	Tu	4 38	7 20	14 42	8 20
9	Mo	4 55	5 58	14 3	sets	9	We	4 38	7 20	14 42	8 59
10	Tu	4 54	5 59	14 5 8 40		10	Th	4 38	7 21	14 43	9 36
11	We	4 53	5 59	14 7 9 39		11	Fr	4 38	7 21	14 43	10 8
12	Th	4 52	5 59	14 8 10 20		12	Sa	4 38	7 22	14 44	10 36
13	Fr	4 51	5 59	14 10 11 0		13	Su	4 38	7 22	14 44	11 3
14	Sa	4 50	5 59	14 12 11 34		14	Mo	4 38	7 22	14 44	11 30
15	Su	4 49	5 59	14 14 morn		15	Tu	4 38	7 23	14 45	11 58
16	Mo	4 48	5 59	14 16 0 5		16	We	4 38	7 23	14 45	morn
17	Tu	4 48	5 59	14 16 0 31		17	Th	4 38	7 24	14 46	0 27
18	We	4 47	5 59	14 19 1 1		18	Fr	4 38	7 24	14 46	1 2
19	Th	4 46	5 59	14 20 1 29		19	Sa	4 38	7 24	14 46	1 44
20	Fr	4 46	5 59	14 22 1 59		20	Su	4 38	7 24	14 46	3 22
21	Sa	4 45	5 59	14 23 2 32		21	Mo	4 38	7 25	14 46	3 29
22	Su	4 44	5 59	14 24 3 10		22	Tu	4 38	7 25	14 46	rises
23	Mo	4 44	5 59	14 25 3 55		23	We	4 38	7 25	14 46	8 42
24	Tu	4 43	5 59	14 27 rises		24	Th	4 38	7 25	14 46	9 22
25	We	4 43	5 59	14 28 9 16		25	Fr	4 40	7 25	14 46	9 55
26	Th	4 42	5 59	14 30 10 8		26	Sa	4 40	7 25	14 46	10 26
27	Fr	4 42	5 59	14 30 10 51		27	Su	4 41	7 25	14 46	10 53
28	Sa	4 41	5 59	14 32 11 26		28	Mo	4 41	7 25	14 46	11 21
29	Su	4 41	5 59	14 33 11 57		29	Tu	4 41	7 25	14 46	11 49
30	Mo	4 41	5 59	14 34 morn		30	We	4 42	7 25	14 46	morn
31	Tu	4 40	5 59	14 35 0 24							

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July. MOON'S PHASES.

New Moon, 7d. 5h. 12m. M.
First Quarter, 14d. 10h. 7m. A.
Full Moon, 21d. 0h. 43m. A.
Last Quarter, 28d. 3h. 32m. A.

August. MOON'S PHASES.

New Moon, 5d. 7h. 39m. A.
First Quarter, 12d. 4h. 33m. M.
Full Moon, 19d. 9h. 5m. A.
Last Quarter, 27d. 8h. 6m. M.

D of M	D of W	Sun Rises A.M.	Sun Sets A.M.	Days' Length A.M.	Moon R & S A.M.	D of M	D of W	Sun Rises A.M.	Sun Sets A.M.	Days' Length A.M.	Moon R & S A.M.	
1	Th	4 42	7 25	14 43	0 20	1	Th	5 47	8 14	4 0 57		
2	Fr	4 43	7 25	14 42	0 53	2	Mo	5 57	7 14	2 1 48		
3	Sa	4 43	7 25	14 42	1 33	3	Tu	5 67	6 14	0 2 44		
4	Su	4 44	7 25	14 41	2 14	4	We	5 77	5 13	68	3 42	
5	Mo	4 44	7 25	14 41	3 3	5	Th	5 77	4 12	57	4 42	
6	Tu	4 45	7 24	14 39	3 58	6	Fr	5 87	3 13	55	sets	
7	We	4 45	7 24	14 39	sets	7	Sa	5 97	2 13	53	7 39	
8	Th	4 46	7 24	14 38	8 11	8	Su	5 107	1 13	51	8 7	
9	Fr	4 47	7 24	14 37	8 40	9	Mo	5 117	0 13	49	8 31	
10	Sa	4 47	7 23	14 36	9 8	10	Tu	5 116	68	13	47	9 5
11	Su	4 48	7 23	14 35	9 34	11	We	5 126	57	13	45	9 39
12	Mo	4 48	7 22	14 34	10 1	12	Th	5 136	58	13	43	10 29
13	Tu	4 49	7 22	14 33	10 29	13	Fr	5 146	55	13	41	11 7
14	We	4 50	7 21	14 31	11 1	14	Sa	5 156	54	13	39	morn
15	Th	4 51	7 21	14 30	11 37	15	Su	5 156	52	13	37	0 3
16	Fr	4 51	7 20	14 29	morn	16	Mo	5 166	51	13	35	1 7
17	Sa	4 52	7 20	14 28	0 21	17	Tu	5 176	50	13	33	2 16
18	Su	4 53	7 19	14 26	1 13	18	We	5 186	49	13	31	3 39
19	Mo	4 54	7 18	14 24	2 14	19	Th	5 196	47	13	28	4 44
20	Tu	4 54	7 18	14 24	3 24	20	Fr	5 206	46	12	25	rises
21	We	4 55	7 17	14 22	rises	21	Sa	5 216	44	13	22	7 21
22	Th	4 56	7 17	14 22	7 51	22	Su	5 226	43	13	21	7 51
23	Fr	4 56	7 16	14 20	8 23	23	Mo	5 236	42	13	19	8 21
24	Sa	4 57	7 15	14 18	8 53	24	Tu	5 246	40	13	16	8 53
25	Su	4 58	7 14	14 16	9 21	25	We	5 246	39	13	15	9 27
26	Mo	4 58	7 14	14 16	9 48	26	Th	5 256	37	13	12	10 7
27	Tu	4 59	7 13	14 14	10 10	27	Fr	5 266	36	13	10	10 52
28	We	5 0	7 12	14 12	10 53	28	Sa	5 276	35	13	8	11 41
29	Th	5 1	7 11	14 10	11 30	29	Su	5 286	34	13	5	morn
30	Fr	5 2	7 10	14 8	morn	30	Mo	5 296	33	13	4	0 44
31	Sa	5 3	7 9	14 6	0 11	31	Tu	5 296	32	13	1	1 32

ALMANAC FOR 1880.

September. MOON'S PHASES.

New Moon, 4d. 8h. 43m. M.
First Quarter, 11d. 10h. 16m. M.
Full Moon, 18d. 7h. 20m. M.
Last Quarter, 26d. 2h. 39m. M.

October. MOON'S PHASES.

New Moon, 3d. 8h. 34m. A.
First Quarter, 10d. 4h. 35m. A.
Full Moon, 17d. 8h. 17m. A.
Last Quarter, 25d. 10h. 51m. A.

D of M	D of W	Sun Rises A.M.	Sun Sets A.M.	Days' Length A.M.	Moon R & S A.M.	D of M	D of W	Sun Rises A.M.	Sun Sets A.M.	Days' Length A.M.	Moon R & S A.M.
1	We	5 30	8 29	12 59	2 31	1	Fr	5 56	5 43	11 47	3 20
2	Th	5 31	8 28	12 57	3 32	2	Sa	5 57	5 41	11 44	4 24
3	Fr	5 32	8 26	12 54	4 33	3	Su	5 58	5 40	11 42	5 30
4	Sa	5 32	8 25	12 53	sets	4	Mo	5 59	5 38	11 39	sets
5	Su	5 33	8 23	12 50	6 37	5	Tu	6 0	5 37	11 37	6 18
6	Mo	5 34	8 21	12 48	7 7	6	We	6 1	5 35	11 34	7 3
7	Tu	5 35	8 20	12 45	7 41	7	Th	6 2	5 34	11 32	7 54
8	We	5 36	8 19	12 43	8 19	8	Fr	6 3	5 33	11 29	8 54
9	Th	5 37	8 17	12 40	9 6	9	Sa	6 4	5 31	11 28	9 58
10	Fr	5 38	8 16	12 38	9 57	10	Su	6 4	5 29	11 25	11 7
11	Sa	5 39	8 14	12 35	10 57	11	Mo	6 5	5 28	11 23	morn
12	Su	5 40	8 12	12 32	morn	12	Tu	6 6	5 27	11 21	0 17
13	Mo	5 41	8 11	12 30	0 6	13	We	6 6	5 25	11 18	1 27
14	Tu	5 41	8 9	12 28	1 17	14	Th	6 6	5 24	11 16	2 31
15	We	5 42	8 7	12 26	2 28	15	Fr	6 6	5 22	11 13	3 40
16	Th	5 43	8 6	12 23	3 37	16	Sa	6 10	5 21	11 11	4 45
17	Fr	5 44	8 4	12 20	4 45	17	Su	6 11	5 20	11 9	5 48
18	Sa	5 45	8 3	12 18	rises	18	Mo	6 12	5 18	11 6	rises
19	Su	5 45	8 1	12 16	6 13	19	Tu	6 13	5 17	11 4	5 59
20	Mo	5 46	8 0	12 14	6 51	20	We	6 14	5 15	11 1	6 49
21	Tu	5 47	7 58	12 11	7 25	21	Th	6 15	5 14	10 59	7 27
22	We	5 48	7 57	12 9	8 3	22	Fr	6 16	5 13	10 57	8 13
23	Th	5 49	7 55	12 6	8 45	23	Sa	6 17	5 12	10 55	9 12
24	Fr	5 49	7 54	12 5	9 33	24	Su	6 18	5 10	10 52	10 8
25	Sa	5 50	7 52	12 2	10 28	25	Mo	6 19	5 9	10 50	11 6
26	Su	5 51	7 51	12 0	11 22	26	Tu	6 20	5 8	10 48	morn
27	Mo	5 52	7 49	11 57	morn	27	We	6 21	5 7	10 46	0 6
28	Tu	5 53	7 48	11 55	0 29	28	Th	6 22	5 6	10 44	1 6
29	We	5 54	7 46	11 52	1 20	29	Fr	6 23	5 4	10 41	2 9
30	Th	5 55	7 45	11 50	2 19	30	Sa	6 24	5 3	10 39	3 12
31	Fr	5 56	7 43	11 47	3 11	31	Su	6 25	5 2	10 37	4 17

ALMANAC FOR 1880.

November.

MOON'S PHASES.

New Moon, 2d. 7h. 45m. M.
 First Quarter, 9d. 0h. 11m. M.
 Full Moon, 16d. 0h. 30m. A.
 Last Quarter, 24d. 5h. 56m. A.

December.

MOON'S PHASES.

New Moon, 1d. 4h. 17m. A.
 First Quarter, 8d. 10h. 25m. M.
 Full Moon, 16d. 7h. 27m. M.
 Last Quarter, 24d. 10h. 45m. M.
 New Moon, 31d. 5h. 47m. M.

D of M	D of W	Sun Rises A m	Sun Sets A m	Days' Length A m	Moon R & S A m	D of M	D of W	Sun Rises A m	Sun Sets A m	Days' Length A m	Moon R & S A m
1	Mo	6 26	6 1	10 35	5 25	1	We	6 58	4 41	9 48	6 30
2	Tu	6 27	5 0	10 33	6 37	2	Th	6 59	4 41	9 42	sets
3	We	6 29	4 59	10 30	sets	3	Fr	7 0	4 41	9 41	6 40
4	Th	6 30	4 58	10 29	6 43	4	Sa	7 1	4 41	9 40	7 53
5	Fr	6 31	4 57	10 28	7 48	5	Su	7 2	4 41	9 39	9 5
6	Sa	6 32	4 56	10 24	8 58	6	Mo	7 3	4 41	9 38	10 16
7	Su	6 33	4 55	10 22	10 10	7	Tu	7 4	4 41	9 37	11 24
8	Mo	6 34	4 54	10 20	11 29	8	We	7 4	4 41	9 37	morn
9	Tu	6 35	4 53	10 18	morn	9	Th	7 5	4 41	9 36	0 29
10	We	6 36	4 52	10 16	0 26	10	Fr	7 6	4 41	9 35	1 32
11	Th	6 37	4 51	10 14	1 31	11	Sa	7 7	4 41	9 34	2 34
12	Fr	6 38	4 50	10 12	2 35	12	Su	7 8	4 41	9 33	3 35
13	Sa	6 40	4 50	10 10	3 39	13	Mo	7 8	4 42	9 33	4 34
14	Su	6 41	4 49	10 8	4 40	14	Tu	7 9	4 42	9 33	5 31
15	Mo	6 42	4 48	10 6	5 42	15	We	7 10	4 42	9 32	6 27
16	Tu	6 43	4 47	10 4	6 41	16	Th	7 11	4 42	9 32	rises
17	We	6 44	4 47	10 3	rises	17	Fr	7 11	4 43	9 32	5 52
18	Th	6 45	4 46	10 1	6 11	18	Sa	7 12	4 43	9 31	6 48
19	Fr	6 46	4 46	10 0	7 3	19	Su	7 12	4 44	9 31	7 43
20	Sa	6 47	4 45	9 58	7 59	20	Mo	7 13	4 44	9 31	8 46
21	Su	6 48	4 45	9 57	8 58	21	Tu	7 13	4 45	9 31	9 44
22	Mo	6 49	4 44	9 55	9 53	22	We	7 14	4 45	9 31	10 42
23	Tu	6 50	4 44	9 54	10 53	23	Th	7 14	4 46	9 32	11 42
24	We	6 51	4 43	9 52	11 52	24	Fr	7 15	4 46	9 32	morn
25	Th	6 52	4 43	9 51	morn	25	Sa	7 15	4 47	9 32	0 45
26	Fr	6 53	4 43	9 50	0 53	26	Su	7 15	4 48	9 33	1 50
27	Sa	6 54	4 42	9 49	1 57	27	Mo	7 15	4 48	9 33	2 58
28	Su	6 55	4 42	9 47	3 2	28	Tu	7 16	4 49	9 33	4 7
29	Mo	6 56	4 41	9 45	4 12	29	We	7 16	4 49	9 33	5 17
30	Tu	6 57	4 41	9 44	5 24	30	Th	7 16	4 50	9 34	6 21
31	Fr	7 16	4 51	0 35	7 19	31	Fr	7 16	4 51	0 35	7 19

THURSDAY, JANUARY 1, 1880

FRIDAY 2

SATURDAY 3

SUNDAY, JANUARY 4, 1880

MONDAY, 5

TUESDAY, 6

WEDNESDAY, JANUARY 7, 1880 1892

~~Sold Golden 4 1/2 acres,
and 12 lots in Morris
Addition for \$7000.00
with 1/4 acre~~

~~10 acres in Pa. Ave
for \$750.00
sold to Police~~

~~8 1/2 acres in Roseville
for \$400.00~~

~~10 acres in 212, for \$250.00~~

~~Sold by J. L. White
4 shares of my 10 shares
in the 1st and 2nd additions~~

~~for \$475.00 (Remainder)
to the 6 shares - \$15.00
a month~~

~~[Scribbled out text]~~

FRIDAY, JANUARY 16, 1890

~~1st Sale of Real Estate 1892~~
Sold Gordon 45 acres
and 12 Lots in Morse's
Addition for + \$1000.00
Pd -
Commission to Gordon -

SATURDAY 17th

~~1st Sale -~~ 1892
2nd sale -
Sold O. J. Stough
10 acres in "La Mesa"
for \$750.00 - Pd -
Commission to Grinnell -

SUNDAY 18th

~~1st Sale -~~ 1892
Sold to Tintzelsberg -
4 shares of my 10 shares
in the Building Loan
Association, for \$475.00
remains 6 shares!
\$15.00 a month

THURSDAY, JANUARY 1880

Sept-23rd/92.

Shut up Abstract for
Mr. Beaton, on Matfield
property -

Received three rents

\$12.00 from Woods for
3 month house in Old
Town (in advance)

Oct 7th received
12.00 rent of beach
house in Old Town

SATURDAY 24

SUNDAY, JANUARY 1880

July - 1892.
Sold to S. O. McCarthy
Frank's printing plant
for \$1,000.00 on a note
for one year, bearing
interest \$10.00 monthly
in advance.

Monday 1892

Received payments
for July 15th 10.00
" Aug " 10.00
remaining due for Sept
15th 10.00 Pd -
see 3rd 10.00 Pd
" " 5.00 (account, 5 due)

TUESDAY

Sept. 3rd Sale 1892.
Sold to Mrs Kelley &
Cob above Pateville
for \$2,000.00, received
check from Gordon for
the same Sept 20th
Comm. sent Gordon 10.00

WEDNESDAY, JANUARY 28, 1880

Mrs Hayward
Came to work on
the 5th
paid in Oct \$1.40
Nov 1.40
Dec 1.00

THURSDAY 29

paid - \$3.80
Bal - \$2.20
Dec 3 - Paid Mrs Hayward.
\$466.00

FRIDAY 30

SATURDAY, JANUARY 31, 1880

Sept - 3rd late - 18.92
Sold 10 Acres in (212)
to Metcalf for \$256.00
Received check for same
Sept 20.
Commission Gordon \$12.50

SUNDAY, FEBRUARY 1

1892
Paid City Taxes
Sept 20th - \$4154.00

MONDAY 2

Sept 1892
Paid Jenkins
\$20.00 with an
\$2000.00
mortgage

TUESDAY, FEBRUARY 3, 1886

Mr Stewart has
received for
gross to Fleming &
as Attorney's fee.
Att. Fee \$ 75.00
also 25.00
15 15.00

WEDNESDAY 4

THURSDAY 5

FRIDAY, FEBRUARY 6, 1886

Oct 22 1882
Mr. Hartley, 1/2 acid
brought 10.00 ind
and written pdant.
(50 p. 11.1)

SATURDAY 7

SUNDAY 8

MONDAY, FEBRUARY 9, 1880

TUESDAY 10

Dec 3rd 1892

Paid Jeff William,
(1 year) Pd - \$10.00
Premium on
Insurance of Bessie
Flouke in Old Town
Dec 5th - 402000, 00

WEDNESDAY 11

THURSDAY, FEBRUARY 12, 1880

1892

In account with
D. O. M^oCarthy on
Printing plant -
20,000.00
bearing interest - 10.00
in advance (monthly)

FRIDAY 13

SATURDAY 14

Cleveland had hay weighed
" " " " " "
" " " " " "
" " " " " "

SUNDAY, FEBRUARY 15, 1880

WEDNESDAY, FEBRUARY 18, 1880

J. B. McCarthy

MONDAY 16

THURSDAY 19

TUESDAY 17

3

FRIDAY 20

SATURDAY, FEBRUARY 21, 1880

TUESDAY, FEBRUARY 24, 1880

SUNDAY 22

WEDNESDAY 25

MONDAY 23

THURSDAY 26

TUESDAY, NOVEMBER 23, 1880

924-25.

Thendrick	—	\$10.00
Pillie	—	15.00
Mrs Fr.	—	5.00
B. L. Co.	—	300.40.
		<u>330.40</u>

WEDNESDAY 24

Dr Stockton	—	\$5.00
Coal Bill	—	7.00
Man	—	10.00
Amelia	—	15.00
		<u>37.00</u>
		330.70

THURSDAY 25

		<u>367.70</u>
		60.00
		427.70
Union	—	36.00

Bal — \$186.65

FRIDAY, NOVEMBER 26, 1880

SATURDAY 27

SUNDAY 28

MONDAY, NOVEMBER 29, 1880

TUESDAY 30

WEDNESDAY, DECEMBER 1

Sold me 1/3 of Building
Morse, Thalia & Dalton
to E. H. Mudd for
\$14,000.00. Recd
from him \$9,343.50
coming to me after paying
what I owed him.

THURSDAY, DECEMBER 2, 1880

D. O. McCarthy by his son
gave me \$1,000, on acct
of int on note of \$1,000,
printing plant.

FRIDAY 3

D. O. McCarthy by his
son Harvey gave
me \$10.00 for acct
of interest on note of
\$1,000 remaining due
of three months \$15.00.

SATURDAY 4

SUNDAY, DECEMBER 5, 1880

914.35
427.70
486.65
427.70
914.35

MONDAY 6

~~WEDNESDAY, DECEMBER 8, 1880~~

Mabel's Lots in Morris
Addition.
35th & 36th in blk
66.

THURSDAY 9

TUESDAY 7

FRIDAY 10

SATURDAY: DECEMBER 11, 1880

MONDAY: MARCH 1880

MARCH 1880	
Dolla	Cts

SUNDAY: 12

WEDNESDAY: 15

MONDAY: 13

THURSDAY: 16

SATUR

Outside Property
BILLS PAYABLE APRIL

DECEMBER 20, 1850

Date	NAME	Acct	Dolls	Cts
	San Mida Col		10.	00
	" "	" "	00	82
	Lot 15 - blk 8, Tract			
	7 1/2 acres on Sine of Cal. & Oregon R.R.			
	2. Occidente Lots - No	9-10		
	blk 25. Ang	ans Add.		
	La Playa Lots			
	Roseville Lots, 1 blk	179.		
	Old Town - blk	2102		
	Lot 4	150.		
	" 1	480.		
	" 2-3.	406.		
	all of	487.		

Sa

TUESDAY 21

Su

WEDNESDAY 22

Jan 10" / 91 -

THURSDAY, DECEMBER 23, 1880

Bills to pay 70 3.45
 Coal - Pd - 2.25
 Milk - Pd - 1.50
 Gas - Pd - 6.10
 Rice - Pd - 2.50
 White - 1.50

FRIDAY 24

Plumber - 1.75
 Union .85 ^{dp} 11.75

SUNDAY, DECEMBER 26, 1880 -

Dress dyed Pd - ^{dp} 2.00
 " Made 7.50
 " " 6.10

MONDAY 27

Got Hendricks to go
 and Henderson
 Mc Cormick

Jan 10" / 91 -

SATURDAY 25

Mattfield bill Pd - 5.25
 Mills bill Pd - 4.50
 Mrs Hill Pd 15.15
 Dress dyed Pd - 2.00
 Wash sock .25
 Linens .25
 Raisins .25

TUESDAY 28

Jan 27th
 Saw Hendricks ^{dp} on
 on account B. Deane
 Schuchaley (advance
 fee)

WEDNESDAY, DECEMBER 29, 1890 -

Milk - Pd -
Coal - owe 500 lbs 97 3.75
union -
load - Pd - 6.50
water -
white - 4 1/2 cts 1.12 1/2 -

THURSDAY 30

Maules -
Rocke fixing floor of balloon -
Pd + 97 3.50

FRIDAY 31

MEMORANDA

Mar 18.80. Note Puffer long time in asphy
id his of Coby 13.80.
" " Fred Schwarz.
" 20. P. O. No. 100.
Elizabeth Whaley
May 2. Fred Schwarz
Donside
J. D. Moore -

~~Lindrick has spent
to my 2nd set of
as well of J. K.~~

Taxes on Printing
Office - 97 3.60

MEMORANDA

Makes to be paid
Dec 25"/90 -
Gas for Florida -

Union - Dec /90.
.85-

Int to Bank 1000, 58.33
Paid - per month

Interest on my Sat bill, 131, 25
Paid to Government

Due Agard Feb 1st /91.

Due to Walter on loan 00 to
March 1st /91. 30. 00

Pay to Conor mail Bill

MEMORANDA

To Jentz, interest on
400, 00

Due Dec 25"/90 - 120, 00
3 by 6" Paid 2 years

Int to J. Sherman on
20, 50, 00

Due Jan 1st /91 -
100, 00

Pay to 1st Nat Bank, 3 months

Int to Adam Hammond
3 - 33
100

Int due again Jan 5th

MEMORANDA

~~Building Loan
Due Dec 20¹⁹¹⁵ 20⁰⁰
Paid~~

~~Milk for December -
Paid - to January -~~

~~Coal 10 sacks in Dec -
5 sacks paid ad.
due on 5 sacks - 23.75~~

~~Taxes, Frank on Print-
ing Press -~~

MEMORANDA

~~Taxes for Estate -
on State & County -
1914 14.50~~

~~Taxes for Mrs Whaley -
208.50/100~~

~~Insurance on these premises
Paid.~~

~~Dr Gochenauer for services
62.10~~

~~J. White Gardening
Paid 99.50
100
1.50~~

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
<u>C. L. Jenks</u>	20.00	
<u>Ant. Gas month</u>	20.00	
Upwards note judgment		
Harriet Davis note	20.00	
928.35	300.00	
380.00	25.00	
<u>546.35</u>	15.00	
	15.00	
	8.00	
Jan 4 -	20.00	
	<u>380.00</u>	

January 30
1891

CASH ACCOUNT.

Date.	Received.	Paid.
Jan 31	Received from Freight of Saloon on my Bot 8 1/2 of D-44, for 9th St, to City 1st.	
	Went to Court House with Mrs. Flanders to be sworn in and get letters of Admission	
	gave Flanders 15.00 and have the receipt for my Bondmen for 70.00 - all deposit in Bank - hand.	
	J. Daley -	
	W. J. Christian,	
	C. W. Morse.	

December
CASH ACCOUNT. 1890-

Date.	Received.	
1/30	In more furnishing	\$10.00
Dec 27	Cash Cont. (Pt)	
"	Warrants -	20.00

December
CASH ACCOUNT. 1890

Date.	Received.	Paid.
27	John Lee Arnold B.L.	\$11.00
	Commission Cash	
	Warrants - Pd -	\$7.00
Decembe		
29	Paid Publican Exam (Pd.)	\$20.00
Jan		
" 26	Paid to ...	20.00

December - 1890 -

December 190
CASH ACCOUNT FOR JUNE

Date	Received	Paid
Dec		
	Gave Hendricks my Sift Seed to a etc. Coded - It is recorded	
	Gave Hendricks the 3m Carrier's Biddle's with papers and all other papers - Jan 1891 - (Paid)	
	sent seed of prairie and sale to A. Elliker to be recorded (to B. H. H.)	
Jan 1891	sent bill of J. Whaling to Hendricks to be examined	

Date	Received	Paid
Dec 7		
	Paid H. Smallton to be in full Pd \$2.50	
Dec		
	Paid Marion Newby paper to .85 Jan 1891	
Dec.		

CASH ACCOUNT DECEMBER.

Date.	Received.	Paid.
11/9/14.85		
cloak		15.00
Cape		5.00
Dec 6. G. G. McCarthy		
on acct	7.15	00

CASH ACCOUNT DECEMBER 1892

Date.	Received.	Paid.
Dec 11		50.00
Coal	3.00	
gro	15.00	
But	3.50	
cloak	10.00	
Cape	10.00	
dinner	1.50	
But Fl.	5.00	
	9.50	
water		1.00
Paper		85

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.	8th freight	Produce
FEB.	to 1st amt of	of
MAR.	of bill - (Paid)	70.50
APR.		
MAY.		
JUN.	Mrs W.	21.50
JUL.		
AUG.	914.35	
SEPT.	884.30 bal	
OCT.		
NOV.		10.00
DEC.		15.00
		5.00
		30.00

BILLS PAYABLE. MAY.

Date.	NAME.	Dolls.	Cts.
	Middletown	5	5.00
Mar	Genl " 4, 5, 6, 7, 8, 9	21	17.00
	Middletown	all	of
	"	127	
	"	237	
		15.00	00
		00	00
		5.00	00
		40.00	00
		20	00
		1.00	00
		5.00	00
		2.00	00
		75	00
		20	00

RECEIVABLE:

Mr. Burns note	5.00	00
La. Bldg Bank	40.00	00
W. L. Davis	20	00
Cartwright	1.00	00
Office furniture	5.00	00
Carriage	2.00	00
Cart	75	00
Harness - saddle	20	00

BILLS PAYABLE AUGUST.

Date.	NAME.	Dolls.	Cts.
	Mr. J. F. on 5" steel		
	of Salmon		
	Int. on Winn		
	every 2 months	121-	24/10
	of Winn Winn		
RECEIVABLE			
		600	
		380	
		<u>220</u>	
		935.85-	
		10.00	
		<u>935.35-</u>	

MEMORANDA.

Date.	NAME.	Dolls.	Cts.
Dec 25 190-	Gave John two		
	Coverd warrants		
	to Cash for one		
	one \$75.00,		
	one (P.O.) 5.00		
	one 100.00		
	one 100.00		
	Hendricks Leed		
	75-		
	125-		
	15-		
	<u>115-</u>		
	926.35-		
	835.10-		
	<u>591.25-</u>		

MEMORANDA:

Date: June 27 1891 Dolls. Cts.

\$500.00

~~June 27 1891~~
~~White Mustard Seed, 1 lb. 25~~
~~Black Mustard Seed, 3 lb. 10~~
~~29.50~~

\$21.50

~~June 27 1891~~
~~1000.00~~
~~750.00~~
~~475.00~~
~~200.00~~
~~250.00~~
~~2695.00~~
~~1500.00~~
~~3195.00~~

1000.00
 750.00
 475.00
 200.00
 250.00
2695.00
1500.00
3195.00

30 - 225 - 914 30
 250 - 3000
 135 - 854 30

White Mustard Seed, 1 lb. 25
 Black Mustard Seed, 3 lb. 10
 29.50
 after meals, in
 water or wine
 quantity of water
 as wine.

884.30
 500.00
 373.25
126 75
378 25
500.00

A. L. BANCROFT & COMPANY,
721 MARKET ST., SAN FRANCISCO.

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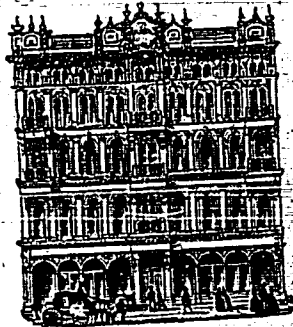
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Foreclosure of mortgages -

J. Norman Lot 40 - blk 84 -

C. J. Young Lots 9-10. blk 84 -

Miss A. B. Fote Lots 27-28, blk 86 -

Thos. Baird (widow) Lot 26-27 blk 86 -

Sept 15/92 Est Northley SE 1/4 SE 1/4 PL 212

* 200

4

4 Lots 168 Blk 179 Arsville
and E 1/2 PL 1215

* 400

To be paid
out -

Turkey for christ =

Terminations of mortgages

J. Norman - Lots 40 - blk 87.
B. J. Young - Lots 9-10. blk 84.
Minor A. J. Fogle - Lots 27-28 blk 86
Thomas Bissett (Fidelity) - Lots 26-27. blk 85

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