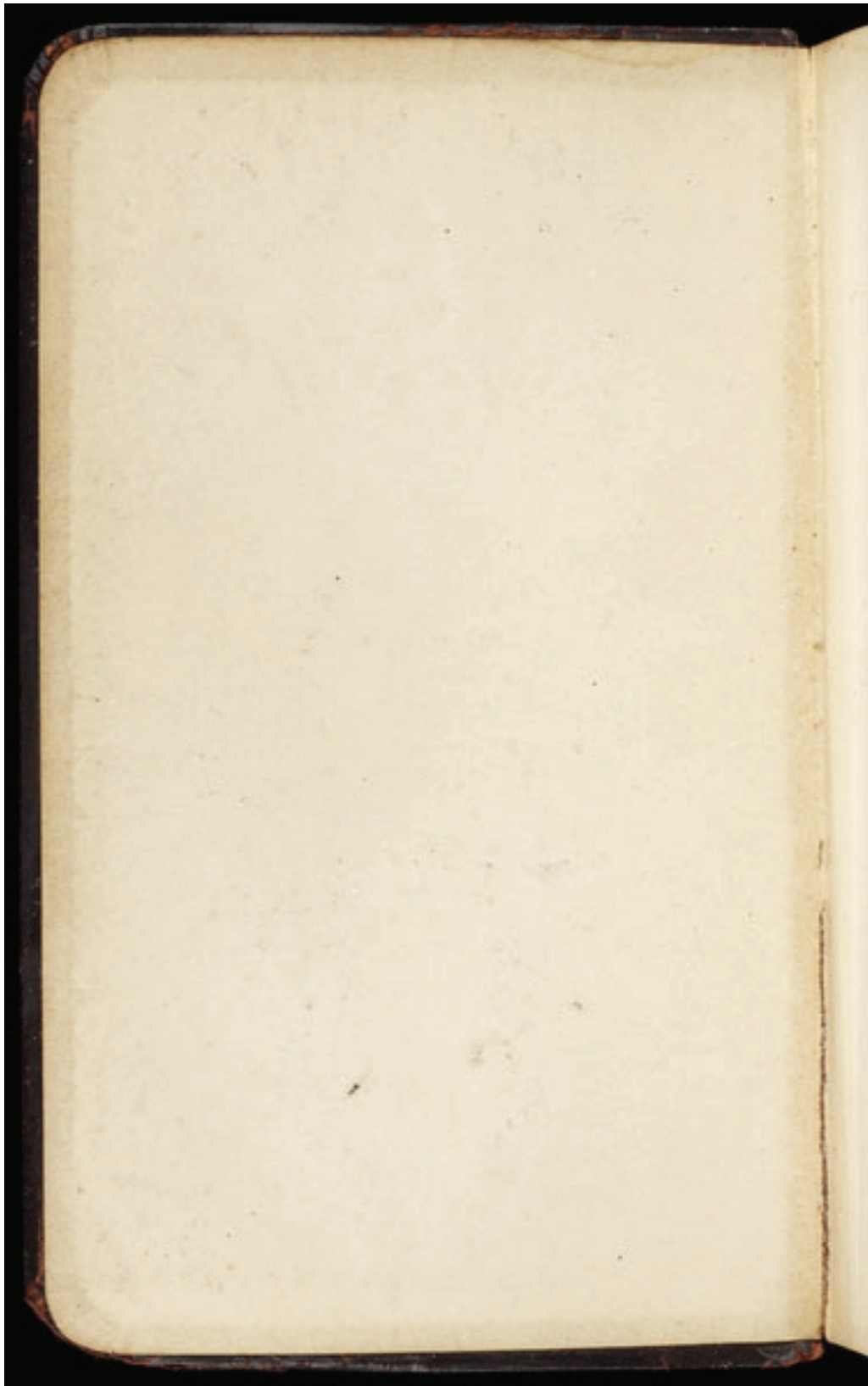


*Diary.*



to  
70

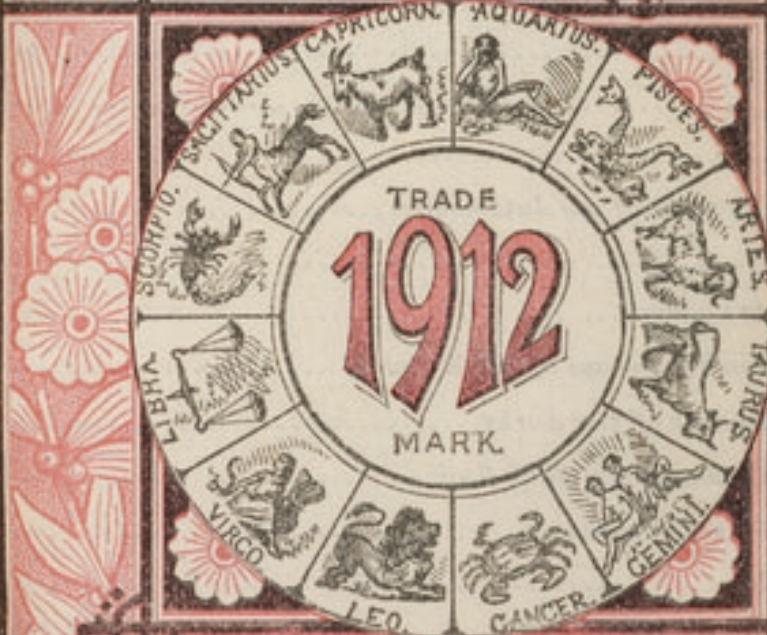
Velie  
Mc Dermid  
Emerson





THE  
STANDARD

DIARY



For Sale by All Stationers.

PUBLISHED BY  
THE STANDARD DIARY CO.

**FOR IDENTIFICATION.**

*My Name*..... *Theo Brown* .....

*My Residence*.....

*My Business Address*.....

*My Home Telephone*.....

*My Office Telephone*.....

*In case of accident or serious illness please notify*

*The make of my Automobile*.....

*Its number*.....

*Number on case of my Watch*.....

*Number of the works*.....

*Number of my Bank Book*.....

*My Weight was*.....

*On*.....

*and my Height*.....feet.....inches

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

“ *Hosiery*.....*Collar*.....

“ *Cuffs*.....*Shoes*.....

“ *Shirt*.....*Drawers*.....

DATE.....  
PAGE.....  
FEE.....  
REMARKS.....









## RATES OF POSTAGE.

(Official at time of going to press, but subject to change.)

### U. S. and Possessions, Canada, Mexico, Cuba and Shanghai.

First class (letters, etc.) . . . . .	per oz. 2c
Second class (newspapers, periodicals) . . . . .	4 " 1c
Third class (books, circulars) . . . . .	2 " 1c
Fourth class (merchandise, etc.) . . . . .	1 " 1c
Registration fee (extra postage) . . . . .	10c
Special delivery ( " " ) . . . . .	10c
Postal cards (reply cards 2c.) . . . . .	1c
Local or drop letters (where no free delivery) . . . . .	per oz. 1c
Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.	

### To Foreign Countries.

Letters for British Isles and Newfoundland . . . . .	1 oz., 2c
" for Germany . . . . .	1 " 2c
(If sent by German steamer)	
" for other countries . . . . .	1 " 5c
each additional oz. or fraction	3c
Postal Cards (reply cards, 4c) . . . . .	2c
Newspapers and printed matter . . . . .	2 oz., 1c
Samples merchandise . . . . .	first 4 " 2c
every additional 2 " . . . . .	1c
Commercial papers . . . . .	first 10 oz. or fraction 5c
every additional 2 oz., . . . . .	1c
Registration Fee (extra postage) . . . . .	10c
Reply Coupons . . . . .	6c
Parcel Post (enquire at P. O.) . . . . .	per lb. 12c
Money Orders (enquire at P. O.) . . . . .	

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

**ALL MAILABLE MATTER** not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

**MONEY ORDERS.**—For sums not exceeding \$2.50, three cents; \$2.50 to \$5, five cents; \$5 to \$10, eight cents; \$10 to \$20, ten cents; \$20 to \$30, twelve cents; \$30 to \$40, fifteen cents; \$40 to \$50, eighteen cents; \$50 to \$60, twenty cents; \$60 to \$75, twenty-five cents; \$75 to \$100, thirty cents.



## LEGAL HOLIDAYS.

*In most States when the holiday falls on Sunday  
the Monday following is observed.*

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

- ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.
- ALASKA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.
- ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.
- ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25.
- CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. election.
- COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st. Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.
- CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
- DELAWARE—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, elec. day.
- DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.
- FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election.
- GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.
- HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.
- IDAHO—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, any day of Thanksgiving, Dec. 25, general election.
- ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. days.
- INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

OWA—Jan  
day in S  
KANSAS—  
1st Mon  
general  
KENTUCKY  
1st, La  
LOUISIANA  
1st Mon  
Day, La  
25, gene  
MINE—J  
30, July  
MARYLAND  
May 30  
Oct. 12  
MASSACHU  
1st Mon  
MICHIGAN  
Monday  
evening  
MISSISSIPPI  
May 30  
gen.  
MISSOURI  
Labor  
MISSOURI  
Oct. 12  
MONTANA  
public  
Thanks  
NEBRASKA  
30, Jul  
1st, De  
NEVADA  
Thanks  
NEW HAMPSHIRE  
July 4  
Dec. 2  
NEW JERSEY  
May 30  
Dec. 2  
NEW MEXICO  
Fast  
NEW YORK  
1st Mon  
Public

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

KANSAS—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Thanksgiving, Dec. 25, gen. election.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, Arbor Day, Patriots' Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.

MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, election days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

NEBRASKA—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P.M., general election.

NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, gen. elec.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.



**NORTH CAROLINA**—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

**NORTH DAKOTA**—Jan. 1, Feb. 12 and 22, May 30, elec. last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

**OHIO**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**OKLAHOMA**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, election day.

**OREGON**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

**PENNSYLVANIA**—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

**RHODE ISLAND**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

**SOUTH CAROLINA**—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

**SOUTH DAKOTA**—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

**TENNESSEE**—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P. M.

**TEXAS**—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Mon. in September, days of Fasting and Thanksgiving, Dec. 25, election day.

**UTAH**—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Dec. 25.

**VERMONT**—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Thanksgiving, Dec. 25.

**VIRGINIA**—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P. M., general election.

**WASHINGTON**—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**WEST VIRGINIA**—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, any day of National Thanksgiving, Dec. 25, general election.

**WISCONSIN**—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

**WYOMING**—Jan. 1, Feb. 12 and 22, May 30, July 4, Arbor Day, Labor Day, Thanksgiving, Dec. 25, gen. election.

## POPULATION OF THE UNITED STATES.

	1910	1900
Alabama .....	2,138,093	1,828,697
Arizona .....	204,354	122,931
Arkansas.....	1,574,449	1,311,564
California.....	2,377,549	1,485,053
Colorado.....	799,024	539,700
Connecticut.....	1,114,756	908,420
Delaware .....	202,322	184,735
Dist. of Columbia.....	331,069	278,718
Florida .....	752,619	528,542
Georgia .....	2,609,121	2,216,331
Idaho.....	325,594	161,772
Illinois.....	5,638,591	4,821,550
Indiana.....	2,700,876	2,516,462
Iowa .....	2,224,771	2,231,853
Kansas .....	1,690,949	1,470,495
Kentucky .....	2,289,905	2,147,174
Louisiana ....	1,656,388	1,381,625
Maine .....	742,371	694,466
Maryland .....	1,294,450	1,188,044
Massachusetts.....	3,366,416	2,805,346
Michigan.....	2,810,173	2,420,982
Minnesota.....	2,075,708	1,751,394
Mississippi .....	1,797,114	1,551,270
Missouri.....	3,293,335	3,106,665
Montana.....	376,053	243,329
Nebraska.....	1,192,214	1,066,300
Nevada.....	81,875	42,335



POPULATION OF THE UNITED STATES—CONTINUED.

	1910	1900
New Hampshire.....	430,572	411,588
New Jersey.....	2,537,167	1,883,669
New Mexico.....	327,396	195,310
New York.....	9,113,614	7,268,894
North Carolina.....	2,206,287	1,893,810
North Dakota.....	577,056	319,146
Ohio.....	4,767,121	4,157,545
Oklahoma.....	1,657,155	790,391
Oregon.....	672,765	413,536
Pennsylvania.....	7,665,111	6,302,115
Rhode Island.....	542,674	428,556
South Carolina.....	1,515,400	1,340,316
South Dakota.....	583,888	401,570
Tennessee.....	2,184,789	2,020,616
Texas.....	3,896,542	3,048,710
Utah.....	373,351	276,749
Vermont.....	355,956	343,641
Virginia.....	2,061,612	1,854,184
Washington.....	1,141,990	518,103
West Virginia.....	1,221,119	958,800
Wisconsin.....	2,333,860	2,069,042
Wyoming.....	145,965	92,531
Alaska.....	64,356	63,592
Hawaii.....	191,909	154,001
Porto Rico.....	1,118,012	953,243
Military and Naval.....	55,608	91,219
United States.....	93,401,414	77,256,630

POPULA  
 O. ...  
 N. Y.  
 Pa.  
 Ga.  
 Mich.  
 N. J.  
 N. Y.  
 N. J.  
 O.  
 S. C.  
 Tex.  
 Ill.  
 O.  
 O.  
 Ky.  
 Tex.  
 O.  
 Cal.  
 La.  
 Mich.  
 Minn.  
 Ill.  
 N. J.  
 Pa.  
 Ind.  
 Mass.  
 W. Va.  
 Tex.  
 Mich.  
 Pa.  
 Conn.



## POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O. ....	69,067	42,728
Albany, N. Y. ....	100,253	94,151
Allentown, Pa. ....	51,913	35,416
Altoona, Pa. ....	52,127	38,973
Atlanta, Ga. ....	154,839	89,872
Atlantic City, N. J. ....	46,150	27,838
Baltimore, Md. ....	558,485	508,957
Bay City, Mich. ....	45,166	27,628
Bayonne, N. J. ....	55,545	32,722
Binghamton, N. Y. ....	48,443	39,647
Birmingham, Ala. ....	132,685	38,415
Boston, Mass. ....	670,585	560,892
Bridgeport, Conn. ....	102,054	70,996
Brockton, Mass. ....	56,878	40,063
Brooklyn, N. Y. ....	1,634,351	1,166,582
Buffalo, N. Y. ....	423,715	352,387
Cambridge, Mass. ....	104,839	91,886
Camden, N. J. ....	94,538	75,935
Canton, O. ....	50,217	30,667
Charleston, S. C. ....	58,833	55,807
Chattanooga, Tenn. ....	44,604	30,154
Chicago, Ill. ....	2,185,283	1,698,575
Cincinnati, O. ....	364,463	325,902
Cleveland, O. ....	560,663	381,768
Columbus, O. ....	181,548	125,560
Covington, Ky. ....	53,270	42,938
Dallas, Tex. ....	92,104	42,638
Dayton, O. ....	116,577	85,333
Denver, Col. ....	213,381	133,859
Des Moines, Ia. ....	86,368	62,139
Detroit, Mich. ....	465,766	285,704
Duluth, Minn. ....	78,466	52,969
East St. Louis, Ill. ....	58,547	29,655
Elizabeth, N. J. ....	73,409	52,130
Erie, Pa. ....	66,525	52,733
Evansville, Ind. ....	69,647	59,007
Fall River, Mass. ....	119,295	104,863
Fort Wayne, Ind. ....	63,933	45,115
Fort Worth, Tex. ....	73,312	26,688
Grand Rapids, Mich. ....	112,571	87,565
Harrisburg, Pa. ....	64,186	50,167
Hartford, Conn. ....	98,915	79,850

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Haverhill, Mass. ....	44,115	37,175
Hoboken, N. J. ....	70,324	59,364
Holyoke, Mass. ....	57,730	45,712
Houston, Tex. ....	78,800	44,633
Indianapolis, Ind. ....	233,650	169,164
Jacksonville, Fla. ....	57,699	28,429
Jersey City, N. J. ....	267,779	206,433
Johnstown, Pa. ....	55,482	35,936
Kansas City, Kan. ....	82,331	51,418
Kansas City, Mo. ....	248,381	163,752
Lancaster, Pa. ....	47,227	41,459
Lawrence, Mass. ....	85,892	62,559
Lincoln, Neb. ....	43,973	40,169
Little Rock, Ark. ....	45,941	38,307
Los Angeles, Cal. ....	319,198	102,479
Louisville, Ky. ....	223,928	204,731
Lowell, Mass. ....	106,294	94,969
Lynn, Mass. ....	89,336	68,513
Malden, Mass. ....	44,404	33,664
Manchester, N. H. ....	70,063	56,987
Memphis, Tenn. ....	131,105	102,320
Milwaukee, Wis. ....	373,857	285,315
Minneapolis, Minn. ....	301,408	202,718
Mobile, Ala. ....	51,521	38,469
Nashville, Tenn. ....	110,364	80,865
Newark, N. J. ....	347,469	246,070
New Bedford, Mass. ....	96,652	62,442
New Britain, Conn. ....	43,916	25,998
New Haven, Conn. ....	133,605	108,027
New Orleans, La. ....	339,075	287,104
New York, N. Y. ....	4,766,883	3,437,202
Norfolk, Va. ....	67,452	46,624
Oakland, Cal. ....	150,174	66,960
Oklahoma City, Okla. ....	64,205	10,037
Omaha, Neb. ....	124,096	102,555
Passaic, N. J. ....	54,773	27,777
Paterson, N. J. ....	125,600	105,171
Pawtucket, R. I. ....	51,622	39,231
Peoria, Ill. ....	66,950	56,100
Philadelphia, Pa. ....	1,549,008	1,293,697
Pittsburg and Allegheny, Pa. ....	533,905	451,512
Portland, Me. ....	58,571	50,145
Portland, Ore. ....	207,214	90,426



POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Providence, R. I. ....	224,326	175,597
Pueblo, Col. ....	44,395	28,157
Reading, Pa. ....	96,071	78,961
Richmond, Va. ....	127,628	85,050
Rochester, N. Y. ....	218,149	162,608
Rockford, Ill. ....	45,401	31,051
Sacramento, Cal. ....	44,696	29,282
Saginaw, Mich. ....	50,510	42,345
Saint Joseph, Mo. ....	77,403	102,979
Saint Louis, Mo. ....	687,029	575,238
Saint Paul, Minn. ....	214,744	163,065
Salem, Mass. ....	43,697	35,956
Salt Lake City, Utah. ....	92,777	53,531
San Antonio, Tex. ....	96,614	53,321
San Francisco, Cal. ....	416,912	342,782
Savannah, Ga. ....	65,064	54,244
Schenectady, N. Y. ....	72,826	31,682
Scranton, Pa. ....	129,867	102,026
Seattle, Wash. ....	237,194	80,671
Sioux City, Ia. ....	47,828	33,111
Somerville, Mass. ....	77,236	61,643
South Bend, Ind. ....	53,684	35,999
Spokane, Wash. ....	104,402	36,848
Springfield, Ill. ....	51,678	34,159
Springfield, Mass. ....	88,926	62,059
Springfield, O. ....	46,921	38,253
Syracuse, N. Y. ....	137,249	108,374
Tacoma, Wash. ....	83,743	37,714
Terre Haute, Ind. ....	58,157	36,673
Toledo, O. ....	168,497	131,822
Topeka, Kan. ....	43,684	33,608
Trenton, N. J. ....	96,815	73,307
Troy, N. Y. ....	76,813	60,651
Utica, N. Y. ....	74,419	56,383
Washington, D. C. ....	331,069	278,718
Waterbury, Conn. ....	73,141	45,859
Wichita, Kan. ....	52,450	24,671
Wilkesbarre, Pa. ....	67,105	51,721
Wilmington, Del. ....	87,411	76,508
Worcester, Mass. ....	145,986	118,421
Yonkers, N. Y. ....	79,803	47,931
York, Pa. ....	44,750	33,708
Youngstown, O. ....	79,066	44,885

## ECLIPSES FOR THE YEAR.

In the year 1912 there will be four Eclipses, two of the Sun and two of the Moon.

I. A PARTIAL ECLIPSE OF THE MOON, April 1-2. Invisible to the United States. Visible to Europe, Asia and Africa, and in part to the northeastern tip of North America, South America except the northwest portion, and the western portion of Australia.

II. A CENTRAL ECLIPSE OF THE SUN, April 17. Visible to the eastern portion of North America, the West Indies, the northern and northeastern portions of South America, Europe, northwest Africa, and the western part of Asia. Occurring as a partial eclipse as follows:

	Standard	Begins.	Ends.
Boston ....	Eastern	5h. 15m. M.	A. M. 6 41 M.
New York . .	"	Before sunrise.	6 38 M.
Pittsburgh . .	"	" "	6 36 M.
Washington .	"	" "	6 35 M.
Charleston . .	"	Middle before sunrise.	6 28 M.
Cincinnati . .	Central	" " "	5 33 M.
Chicago ...	"	" " "	5 36 M.
St. Paul ...	"	" " "	5 40 M.
Nashville..	"	" " "	5 30 M.
St. Louis ..	"	" " "	5 33 M.
Atlanta ....	"	" " "	5 28 M.

III. A PARTIAL ECLIPSE OF THE MOON, September 26. Visible to the central and western portions of North America, Australia and the Pacific Ocean, and in part to the eastern portions of Asia. Occurring as follows:

Standard.....	Central.	Mountain.	Pacific.
	A. M.	A. M.	A. M.
M'n enters shadow	5 3 M.	4 3 M.	3 3 M.
Middle of eclipse..	5 45 M.	4 45 M.	3 45 M.
M'n leaves shadow	6 26 M.	5 26 M.	4 26 M.

First contact of shadow, 8 degrees from the north point of the Moon's limb toward the west.  
Magnitude of Eclipse, 0.122 (Moon's diameter, 1.0).



IV. A TOTAL ECLIPSE OF THE SUN, October 10.  
 Visible to the southeast tip of the United States, the southern part of Mexico, Central America, the West Indies, South America and the southern end of Africa. Occurring as a small partial eclipse as follows:

	Standard	Begins.	Ends.
		A. M.	A. M.
Charleston .	Eastern.	6 27 M.	7 7 M.
Savannah...	Central.	Just before sunrise.	6 11 M.
Atlanta . . . .	"	Before sunrise.	6 5 M.
Jacksonville	"	" "	6 18 M.
Mobile. . . . .	"	Middle before sunrise.	6 18 M.
New Orleans	"	" " "	6 21 M.
Galveston..	"	" " "	6 25 M.

### BUSINESS LAWS IN BRIEF.

- It is a fraud to conceal a fraud.
- A note given by a minor is void.
- Ignorance of the law excuses no one.
- A contract made with a lunatic is void.
- A contract made with a minor is invalid.
- The acts of one partner bind all the others.
- An agreement without consideration is void.
- The law compels no one to do impossibilities.
- Contracts made on Sunday cannot be enforced.
- Signatures made in lead pencil are good in law.
- A receipt for money paid is not legally conclusive.
- Principals are responsible for the acts of their agents.
- It is not legally necessary to say on a note "for value received."
- Each individual in a partnership is responsible for the whole amount of the debts of the firm.
- Checks or drafts must be presented for payment without unreasonable delay.
- If the time of payment of a note is not inserted, it is held payable on demand.
- A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.



## WEIGHTS AND MEASURES.

### MEASURE OF LENGTH.

4	In. = 1 Hand.	3	Feet = 1 Yard.
7.92	In. = 1 Link.	5½	Yds. = 1 Rod or Pole
18	In. = 1 Cubit.	40	Poles = 1 Furlong
12	In. = 1 Foot.	8	Fur. = 1 Mile.
6	Ft. = 1 Fathom.	69	1-6 Miles = 1 Degree.
60 Geographical Miles = 1 Degree.			
1760 Yards } = 1 Mile.			
5280 Feet }			

### MEASURE OF SURFACE.

144	Square Inches = 1 Square Foot.
9	Square Feet = 1 Square Yard.
30¼	Square Yards = 1 Sq. Rod, Perch or Pole
40	Square Rods = 1 Square Rood.
4	Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.	
10	Square Chains = 1 Acre.
640	Acres = 1 Square Mile.
272¼	Square Feet = 1 Square Rod.
43,560	Square Feet = 1 Acre.

### MEASURE OF SOLIDITY.

1728	Cubic Inches = 1 Cubic Foot.
27	Cubic Feet = 1 Cubic Yard.

### AVOIRDUPOIS WEIGHT.

27¼	Grains = 1 Drachm (dr.) or 27¼ Grains
16	Drachms = 1 Ounce (oz.) or 437¼ "
16	Ounces = 1 Pound (lb.) or 7000 "
28	Pounds = 1 Quarter (qr.).
4	Quarters = 1 Hundred-Weight (cwt)
20	Cwts. = 1 Ton.
2240	Pounds = 1 Ton.

### TROY WEIGHT.

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

### APOTHECARIES' WEIGHT.

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

## INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	Days of Grace		Interest Rates		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	SPECIAL OR CONTRACT.	
Alabama .....	No	No	8	8 per ct.	Forft. of all int.....
Alaska.....	Yes	No	8	12 per ct.	.....
Arizona.....	No	No	6	No limit.	None.....
Arkansas.....	Yes	Yes	6	10 per ct.	Forft. principal & int.
California.....	No	No	7	No limit.	None.....
Colorado.....	No	No	8	No limit.	None.....
Connecticut.....	No	No	6	No limit.	None.....
Delaware.....	No	No	6	6 per ct.	Forfeiture principal.
District of Col...	No	No	6	10 per ct.	Forft. of entire int...
Florida.....	No	No	8	10 per ct.	Forft. of entire int...
Georgia.....	No	No	7	8 per ct.	Forft. of excess of int.
Hawaiian Isl'ds.	No	No	8	12 per ct.	.....
Idaho.....	No	No	7	12 per ct.	Fft. int. & 10 p.ct. prin.
Illinois.....	No	No	5	7 per ct.	Forft. of entire int...
Indiana.....	No	No	6	8 per ct.	Forft. int. over 6 p.ct.
Iowa.....	No	No	6	8 per ct.	Fft. int., costs, etc. ..
Kansas.....	No	No	6	10 per ct.	Fft twice ex over 10 pct
Kentucky.....	No	No	6	6 per ct.	Forft. excess of int..
Louisiana.....	No	No	5	8 per ct.	Forft. of interest.....
Maine.....	No	Yes	6	No limit.	None.....
Maryland.....	No	No	6	6 per ct.	Forft. entire interest.
Massachusetts ..	No	Yes	6	No limit.	None.....
Michigan.....	No	No	5	7 per ct.	Forft. of interest.....
Minnesota.....	No	Yes	6	10 per ct.	Forft. of prin & int...
Mississippi.....	Yes	Yes	6	10 per ct.	Forft. of interest.....
Missouri.....	No	No	6	8 per ct.	Forfeiture 10 per cent
Montana.....	No	No	8	No limit.	None.....
Nebraska.....	No	No	7	10 per ct.	Forft. entire interest.
Nevada.....	Yes	No	7	No limit.	None.....
New Hampshire..	No	Yes	6	6 per ct.	Fft. treble exc. of int
New Jersey.....	No	No	6	6 per ct.	Forft. int. & costs....
New Mexico.....	Yes	Yes	6	12 per ct.	Forft. dbl. amt. of int
New York.....	No	No	6	6 per ct.	Forft. of prin. & int..
North Carolina..	No	No	6	6 per ct.	Fft. dbl. amt. of int..
North Dakota ...	No	No	7	12 per ct.	Forft. excess of int...
Ohio.....	No	No	6	8 per ct.	Forft. excess of int...
Oklahoma.....	Yes	Yes	6	10 per ct.	.....
Oregon.....	No	No	6	10 per ct.	Fft. prin. & int.....
Pennsylvania ..	No	No	6	6 per ct.	Forft. excess of int..
Philippine Isl'ds	No	No	6	No limit.	.....
Porto Rico.....	No	No	6	12 per ct.	.....
Rhode Island ..	No	Yes	6	No limit.	None.....
South Carolina..	Yes	Yes	7	8 per ct.	Forfeit of interest ...
South Dakota ..	Yes	Yes	7	12 per ct.	Forft. int., fine, imp't
Tennessee.....	No	No	6	6 per ct.	Forft. excess of int ..
Texas.....	Yes	Yes	6	10 per ct.	Forft. entire interest.
Utah.....	No	No	8	12 per ct.	None.....
Vermont.....	No	No	6	6 per ct.	Forft. of excess.....
Virginia.....	No	No	6	6 per ct.	Forft. entire interest.
Washington.....	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia ..	No	No	6	6 per ct.	Forfeit of excess int.
Wisconsin.....	No	No	6	10 per ct.	Fft. treble amt. ex. int.
Wyoming.....	No	No	8	12 per ct.	Forft. entire interest.





## ANTIDOTES FOR POISONS.

**First.** Send for a Physician.

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

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

### SPECIAL POISONS AND ANTIDOTES.

**Acids.** MURIATIC. OXALIC. } Soap-suds, Mag-  
ACETIC. SULPHURIC (Oil of Vit- } nesia, Lime-water.  
riol). NITRIC (Aqua Fortis.) }

**Prussic Acid.** Ammonia in water. Dash water in face.

**Carbolic Acid.** Flour and water, mucilaginous drinks.

**Alkalies.** POTASH. LYE. } Vinegar or Lemon juice in  
HARTSHORN. AMMONIA. } water.

**Arsenic.** }  
**Rat Poison.** } Milk, raw Eggs, Sweet Oil, Lime-  
**Paris Green.** } water, Flour and water.

**Bug Poison.** }  
**Lead.** } Whites of Eggs, or Milk  
**Saltpetre.** } in large doses.

**Corrosive Sublimete.** }  
**Sugar of Lead.** }  
**Blue Vitriol.** }

**Chloroform.** } Dash cold water on head and chest.  
**Chloral.** } Artificial respiration. Piece of ice  
**Ether.** } in rectum.

**Carbonate of Soda.** } Soap-suds and mucil-  
**Copperas. Cobalt.** } aginous drinks.

**Iodine.** } Starch and water. Astringent  
**Antimony.** } infusions. Strong  
**Tartar Emetic.** } tea.

**Mercury AND ITS SALTS.** } Whites of Eggs. Milk.  
Mucilages.

**Nitrate of Silver.** } Salt and water.  
**Lunar Caustic.** }

**Strychnine.** } Mustard and water, Sul-  
**Tinct. of Nux Vomica.** } phate of Zinc. Absolute  
quiet. Plug the ears.







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## STANDARD TIME.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

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

### Correction for the following Cities.

<p style="text-align: center;"><b>Eastern Standard.</b> 75° Longitude.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: right; font-weight: normal;">Minutes.</th> </tr> </thead> <tbody> <tr><td>Bangor, Me. ....</td><td style="text-align: right;">- 25</td></tr> <tr><td>Augusta, Me. ....</td><td style="text-align: right;">- 21</td></tr> <tr><td>Portland, Me. ....</td><td style="text-align: right;">- 19</td></tr> <tr><td>Boston, Mass. ....</td><td style="text-align: right;">- 16</td></tr> <tr><td>Newport, R. I. ....</td><td style="text-align: right;">- 15</td></tr> <tr><td>Providence, R. I. ....</td><td style="text-align: right;">- 14</td></tr> <tr><td>Concord, N. 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## TIDE TABLE.

*To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.*

EASTERN STANDARD.	H. M.	Mean Range. Feet.
Eastport, Me.....	add 2 37	18.2
Bar Harbor, Me.....	" 2 31	10.5
Rockland, Me.....	" 2 44	9.7
Portland, Me.....	" 2 52	8.9
Portsmouth, N. H.....	" 3 6	9.2
Isle of Shoals, N. H.....	" 3 1	8.7
Newburyport, Mass.....	" 3 6	7.9
Rockport, Mass.....	" 2 39	8.6
Gloucester, Mass.....	" 2 45	8.9
Salem, Mass.....	" 3 0	9.0
Marblehead, Mass.....	" 2 52	9.2
Nahant, Mass.....	" 2 53	9.3
Hull, Mass.....	" 2 53	9.5
Plymouth, Mass.....	" 3 2	9.6
Provincetown, Mass.....	" 3 10	9.2
Nantucket, Mass.....	" 4 9	3.1
Vineyard Haven, Mass.....	" 3 25	1.7
Wood's Hole (North Side), Mass.....	sub. 0 18	4.1
Wood's Hole (South Side), Mass.....	add 0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass.....	sub. 0 17	3.8
Newport, R. I.....	" 0 31	3.5
Bristol, R. I.....	" 0 13	4.1
Providence, R. I.....	" 0 2	4.4
Point Judith, R. I.....	" 0 42	3.1
New Shoreham, Block Island, R. I.....	" 0 41	3.0
Watch Hill, R. I.....	add 0 36	2.7

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TIDE TABLE—CONTINUED.

EASTERN STANDARD.

	H. M.	Mean Range. Feet.
Stonington, Conn.....	add 0 57	2.7
New London, Conn.....	" 1 14	2.5
Norwich, Conn.....	" 1 55	3.1
New Haven, Conn.....	" 3 0	6.0
Bridgeport, Conn.....	" 3 2	7.2
Throg's Neck, N. Y.....	" 3 4	7.3
Montauk Point, L. I.....	" 0 7	2.0
Coney Island, L. I.....	sub. 0 29	4.7
West Point, N. Y.....	add 3 2	2.8
Long Branch, N. J.....	sub. 0 43	4.3
Ocean Grove, N. J.....	" 0 41	4.2
Cape May Landing, N. J.....	" 0 10	4.6
Newcastle, Del.....	add 3 40	6.4
League Island, Pa.....	" 5 26	5.4
Philadelphia, Pa.....	" 5 56	5.3
Annapolis, Md.....	sub. 3 12	0.9
Baltimore, Md.....	" 1 20	1.2
Old Point Comfort, Va.....	add 0 49	2.5
Richmond, Va.....	sub. 3 32	3.7
Hatteras Inlet, N. C.....	" 0 53	2.0
Beaufort, N. C.....	" 0 32	2.8
Charleston (C. H. Wharf), S. C.....	" 0 15	5.2

CENTRAL STANDARD.

Fort Pulaski (Savannah Ent.), Ga.....	sub. 1 18	6.9
Savannah (Dry Dock Wharf), Ga.....	" 0 23	6.5
Jacksonville, Fla.....	add 0 19	1.0
St. Augustine, Fla.....	sub. 0 14	4.2
Key West, Fla.....	add 0 47	1.2
Tampa Bay (Egmont Key), Fla.....	" 3 3	1.4
Cedar Keys (Depot Key), Fla.....	" 4 39	2.4

## VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1911, expressed in any of such metallic currencies :

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.			
			D.	C.	M.	
Argentine Rep...	Gold .....	Peso .....	0	96	5	
Austria-Hungary	Gold .....	Crown.....	0	20	3	
Belgium .....	Gold .....	Franc .....	0	19	3	
Bolivia .....	Gold .....	Boliviano .....	0	38	9	
Brazil .....	Gold .....	Milreis .....	0	54	6	
British America .	Gold .....	Dollar .....	1	0	0	
Costa Rica.....	Gold .....	Colon.....	0	46	5	
Chili .....	Gold .....	Peso.....	0	36	5	
China.....	Silver .....	Tael..	( Shanghai..	0	60	4
			Haikwan..	0	67	3
			( Customs).			
Colombia.....	Gold .....	Dollar.....	1	0	0	
Denmark.....	Gold .....	Crown.....	0	26	8	
Ecuador.....	Gold .....	Sucre.....	0	48	7	
Egypt .....	Gold .....	Pound (100 piastres)	4	94	3	
Finland.....	Gold .....	Mark .....	0	19	3	
France .....	Gold .....	Franc .....	0	19	3	
German Empire.	Gold .....	Mark .....	0	23	8	
Great Britain....	Gold .....	Pound sterling ...	4	86	6½	
Greece.....	Gold .....	Drachma .....	0	19	3	
Hayti.....	Gold .....	Gourde .....	0	96	5	
India (British) ..	Gold .....	Rupee.....	0	32	4½	
Italy .....	Gold .....	Lira.....	0	19	3	
Japan .....	Gold .....	Yen .....	0	49	8	
Liberia .....	Gold .....	Dollar.....	1	0	0	



VALUES OF FOREIGN COINS.

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE
Mexico . . . . .	Gold . . . . .	Peso . . . . .	0 49 8
Netherlands . . . . .	Gold . . . . .	Florin . . . . .	0 40 2
Newfoundland . . . . .	Gold . . . . .	Dollar . . . . .	1 1 4
Norway . . . . .	Gold . . . . .	Crown . . . . .	0 26 8
Panama . . . . .	Gold . . . . .	Balboa . . . . .	1 0 0
Persia . . . . .	Gold . . . . .	Kran . . . . .	0 17 04
Peru . . . . .	Gold . . . . .	Libra . . . . .	4 86 6½
Philippine Islds. . . . .	Gold . . . . .	Peso . . . . .	0 50 0
Portugal . . . . .	Gold . . . . .	Milreis . . . . .	1 8 0
Russia . . . . .	Gold . . . . .	Ruble . . . . .	0 51 5
Spain . . . . .	Gold . . . . .	Peseta . . . . .	0 19 3
Sweden . . . . .	Gold . . . . .	Crown . . . . .	0 26 8
Switzerland . . . . .	Gold . . . . .	Franc . . . . .	0 19 3
Turkey . . . . .	Gold . . . . .	Piaster . . . . .	0 4 4
Uruguay . . . . .	Gold . . . . .	Peso . . . . .	1 3 4
Venezuela . . . . .	Gold . . . . .	Bolivar . . . . .	0 19 3

FESTIVALS AND FASTS.

Epiphany . . . . .	Jan. 6
Septuagesima Sunday . . . . .	Feb. 4
Quinquagesima — Shrove Sunday . . . . .	Feb. 18
Ash Wednesday . . . . .	Feb. 21
First Sunday in Lent . . . . .	Feb. 25
St. Patrick . . . . .	Mar. 17
Palm Sunday . . . . .	Mar. 31
Good Friday . . . . .	April 5
Easter Sunday . . . . .	April 7
Low Sunday . . . . .	April 14
Rogation Sunday . . . . .	May 12
Ascension Day — Holy Thursday . . . . .	May 16
Pentecost — Whit Sunday . . . . .	May 26
Trinity Sunday . . . . .	June 2
Corpus Christi . . . . .	June 6
St. John Baptist . . . . .	June 24
Michaelmas Day . . . . .	Sept. 29
St. Andrew . . . . .	Nov. 30
First Sunday in Advent . . . . .	Dec. 1
Christmas Day . . . . .	Dec. 25

## SHORT METHOD FOR CALCULATING INTEREST.

Multiply the principal by as many hundredths as there are days, and

For 4 per cent.....	Divide by 90	
" 5 " " .....	" " .....	72
" 6 " " .....	" " .....	60
" 7 " " .....	" " .....	52
" 8 " " .....	" " .....	45
" 9 " " .....	" " .....	40
" 10 " " .....	" " .....	36
" 12 " " .....	" " .....	30

**EXAMPLE**—INTEREST on \$50 for 30 days at 4%.  
 $50 \times .30 = 15.00$ , which divided by 90 =  $16\frac{2}{3}$  cents—the required result.

## THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 20, 6h. A.	Mar. 20, 5h. A.
Summer Solstice.....	June 21, 2h. A.	June 21, 1h. A.
Autumnal Equinox..	Sept. 23, 5h. M.	Sept. 23, 4h. M.
Winter Solstice.....	Dec. 21, 11h. A.	Dec. 21, 10h. A.

	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 20, 4h. A.	Mar. 20, 3h. A.
Summer Solstice.....	June 21, 0h. A.	June 21, 11h. M.
Autumnal Equinox..	Sept. 23, 3h. M.	Sept. 23, 2h. M.
Winter Solstice.....	Dec. 21, 9h. A.	Dec. 21, 8h. A.

## TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.



## WEATHER BUREAU.

### Explanation of Flag Signals.

No. 1.  
White Flag.



Fair Weather.

No. 2.  
Blue Flag.



Rain or Snow.

No. 3.  
White and Blue  
Flag.



Local Rain or  
Snow.

No. 4.  
Black Trian-  
gular Flag.



Temperature.

No. 5.  
White Flag,  
Black Center.



Cold Wave.

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

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

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

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

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

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

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

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

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

No. 1, with No. 5 above it, indicates  
fair weather, cold wave.

No. 2, with No. 5 above it, indicates  
wet weather, cold wave.

Forecasts made at 10.00 A. M.,  
and displayed between 12.00 and  
1.00 P. M., forecasts the weather for  
the following day until 8.00 P. M.







**MOON'S PHASES.**  
(In Standard Time.)

Full Moon . . . . .
Last Quarter . . . . .
New Moon . . . . .
First Quarter . . . . .

**EASTERN DIVISION.**

4d. 8h. 30m. a.m.
11d. 2h. 43m. a.m.
19d. 6h. 10m. a.m.
27d. 3h. 51m. a.m.

**CENTRAL DIVISION.**

4d. 7h. 30m. a.m.
11d. 1h. 43m. a.m.
19d. 5h. 10m. a.m.
27d. 2h. 51m. a.m.

**1912**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 30	4 12	8 0	r7 24	4 7	4 57	r7 19	4 2
2	Tu	s4 39	5 32	9 3	s4 43	5 26	6 1	s4 48	5 20
3	We	r7 30	6 50	10 7	r7 25	6 43	7 4	r7 19	6 36
4	Th	s4 40	rises	11 8	s4 45	rises	8 2	s4 50	rises
5	Fr	r7 30	5 58	.....	r7 25	6 4	9 3	r7 19	6 11
6	Sa	s4 42	7 21	0 32	s4 47	7 25	9 57	s4 52	7 31
7	S	r7 30	8 40	1 25	r7 25	8 43	10 45	r7 19	8 47
8	Mo	s4 44	9 55	2 15	s4 49	9 56	11 33	s4 54	9 59
9	Tu	r7 29	11 6	3 0	r7 25	11 6	.....	r7 19	11 7
10	We	s4 46	morn	3 46	s4 51	morn	0 45	s4 56	morn
11	Th	r7 29	0 15	4 34	r7 24	0 14	1 33	r7 19	0 13
12	Fr	s4 48	1 22	5 25	s4 53	1 20	2 23	s4 58	1 18
13	Sa	r7 28	2 29	6 19	r7 24	2 25	3 17	r7 18	2 21
14	S	s4 50	3 34	7 14	s4 55	3 29	4 11	s5 0	3 24
15	Mo	r7 28	4 38	8 10	r7 23	4 32	5 7	r7 18	4 26
16	Tu	s4 53	5 39	9 3	s4 57	5 32	6 1	s5 2	5 25
17	We	r7 27	6 34	9 54	r7 22	6 27	6 52	r7 17	6 19
18	Th	s4 55	7 21	10 41	s4 59	7 14	7 36	s5 4	7 7
19	Fr	r7 26	sets	11 25	r7 21	sets	8 20	r7 16	sets
20	Sa	s4 57	6 3	.....	s5 2	6 8	9 3	s5 6	6 14
21	S	r7 25	7 7	0 25	r7 20	7 11	9 43	r7 15	7 15
22	Mo	s5 0	8 12	1 4	s5 4	8 14	10 20	s5 8	8 18
23	Tu	r7 23	9 16	1 42	r7 19	9 17	10 55	r7 14	9 19
24	We	s5 2	10 21	2 19	s5 6	10 21	11 33	s5 11	10 21
25	Th	r7 22	11 28	2 57	r7 17	11 26	.....	r7 13	11 26
26	Fr	s5 5	morn	3 39	s5 9	morn	0 38	s5 13	morn
27	Sa	r7 21	0 37	4 26	r7 16	0 34	1 25	r7 12	0 32
28	S	s5 7	1 51	5 23	s5 11	1 47	2 21	s5 15	1 42
29	Mo	r7 19	3 8	6 29	r7 14	3 2	3 26	r7 10	2 56
30	Tu	s5 10	4 25	7 40	s5 14	4 18	4 36	s5 17	4 11
31	We	r7 17	5 36	8 51	r7 13	5 29	5 48	r7 9	5 21







MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon . . . . .	3d. 5h. 42m. a.m.	3d. 4h. 42m. a.m.
Last Quarter . . . . .	10d. 2h. 55m. p.m.	10d. 1h. 55m. p.m.
New Moon . . . . .	18d. 5h. 9m. p.m.	18d. 4h. 9m. p.m.
First Quarter . . . . .	25d. 10h. 2m. p.m.	25d. 9h. 2m. p.m.

1912	D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
			Sun	Moon	Best.	Sun	Moon	N. Y.	Sun	Moon.
			R. & S. A. m.	R. & S. A. m.	Tide. Morn'g	R. & S. A. m.	R. & S. A. m.	Tide. Morn'g	R. & S. A. m.	R. & S. A. m.
1	Fr	r6 37	5 57	9 47	r6 35	5 52	6 45	r6 34	5 47	
2	Sa	s5 51	6 28	10 42	s5 52	6 24	7 37	s5 53	6 22	
3	S	r6 34	rises	11 27	r6 32	rises	8 21	r6 31	rises	
4	Mo	s5 53	7 34	.....	s5 54	7 34	9 7	s5 55	7 35	
5	Tu	r6 30	8 45	0 29	r6 29	8 43	9 47	r6 28	8 43	
6	We	s5 55	9 56	1 9	s5 56	9 53	10 26	s5 57	9 51	
7	Th	r6 27	11 7	1 50	r6 26	11 3	11 5	r6 25	10 58	
8	Fr	s5 58	morn	2 33	s5 59	morn	11 52	s5 59	morn	
9	Sa	r6 24	0 16	3 18	r6 23	0 10	0 17	r6 22	0 5	
10	S	s6 0	1 21	4 9	s6 1	1 15	1 8	s6 2	1 8	
11	Mo	r6 20	2 21	5 7	r6 19	2 14	2 6	r6 19	2 6	
12	Tu	s6 2	3 15	6 10	s6 3	3 8	3 8	s6 4	3 0	
13	We	r6 17	4 0	7 12	r6 16	3 53	4 8	r6 16	3 46	
14	Th	s6 5	4 36	8 10	s6 5	4 30	5 7	s6 6	4 24	
15	Fr	r6 13	5 6	9 2	r6 13	5 1	6 0	r6 13	4 56	
16	Sa	s6 7	5 31	9 48	s6 7	5 27	6 46	s6 8	5 25	
17	S	r6 10	5 52	10 30	r6 10	5 50	7 26	r6 10	5 48	
18	Mo	s6 9	sets	11 7	s6 9	sets	8 1	s6 10	sets	
19	Tu	r6 6	7 10	11 41	r6 6	7 9	8 38	r6 6	7 9	
20	We	s6 12	8 19	.....	s6 12	8 17	9 16	s6 11	8 16	
21	Th	r6 3	9 31	0 37	r6 3	9 27	9 55	r6 3	9 25	
22	Fr	s6 14	10 45	1 18	s6 14	10 40	10 35	s6 13	10 35	
23	Sa	r5 59	morn	2 2	r6 0	11 54	11 21	r6 0	11 47	
24	S	s6 16	0 0	2 51	s6 16	morn	.....	s6 15	rn	
25	Mo	r5 56	1 12	3 49	r5 56	1 5	0 48	r5 57	0 57	
26	Tu	s6 18	2 17	4 58	s6 18	2 10	1 56	s6 17	2 2	
27	We	r5 52	3 12	6 13	r5 53	3 5	3 11	r5 54	2 58	
28	Th	s6 20	3 55	7 27	s6 20	3 49	4 23	s6 19	3 44	
29	Fr	r5 49	4 28	8 33	r5 50	4 24	5 30	r5 51	4 20	
30	Sa	s6 23	4 56	9 28	s6 22	4 53	6 26	s6 21	4 51	
31	S	r5 45	5 20	10 16	r5 46	5 19	7 13	r5 47	5 18	







MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION,	CENTRAL DIVISION.
Full Moon . . . . .	1d. 5h. 19m. a.m.	1d. 4h. 19m. a.m.
Last Quarter . . . . .	9d. 4h. 56m. a.m.	9d. 3h. 56m. a.m.
New Moon . . . . .	19d. 5h. 13m. p.m.	19d. 4h. 13m. p.m.
First Quarter . . . . .	29d. 9h. 11m. a.m.	29d. 8h. 11m. a.m.
Full Moon . . . . .	30d. 6h. 29m. p.m.	30d. 5h. 29m. p.m.

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Ctn. & St. Louis	
D. of M.	Day of Week.	Sun	Moon	Boat	Sun	Moon	N. Y.	Sun	Moon
		R. & S. A. m.	R. & S. A. m.	Tide. Morn'g	R. & S. A. m.	R. & S. A. m.	Tide. Morn'g	R. & S. A. m.	R. & S. A. m.
1	We	r4 56	rises	11 10	r4 59	rises	8 3	r5 3	rises
2	Th	s6 59	8 48	11 49	s6 56	8 42	8 47	s6 52	8 36
3	Fr	r4 53	9 54	0 10	r4 57	9 47	9 30	r5 1	9 41
4	Sa	s7 2	10 54	0 54	s6 58	10 47	10 14	s6 54	10 39
5	S	r4 51	11 47	1 40	r4 54	11 40	10 58	r4 58	11 32
6	Mo	s7 4	morn	2 27	s7 0	morn	11 48	s6 56	morn
7	Tu	r4 48	0 31	3 16	r4 52	0 24	0 14	r4 56	0 17
8	We	s7 6	1 7	4 7	s7 3	1 1	1 6	s6 58	0 55
9	Th	r4 46	1 35	5 0	r4 50	1 30	1 58	r4 54	1 26
10	Fr	s7 8	1 59	5 54	s7 5	1 55	2 52	s7 0	1 53
11	Sa	r4 43	2 20	6 46	r4 47	2 18	3 43	r4 52	2 16
12	S	s7 10	2 39	7 36	s7 7	2 38	4 33	s7 2	2 38
13	Mo	r4 41	2 58	8 24	r4 45	2 58	5 21	r4 50	3 0
14	Tu	s7 13	3 18	9 10	s7 9	3 20	6 8	s7 4	3 22
15	We	r4 39	3 41	9 56	r4 43	3 44	6 54	r4 48	3 48
16	Th	s7 15	4 9	10 43	s7 10	4 13	7 38	s7 6	4 19
17	Fr	r4 37	sets	11 30	r4 42	sets	8 25	r4 46	sets
18	Sa	s7 17	9 59	.....	s7 12	9 52	9 19	s7 7	9 44
19	S	r4 35	11 3	0 49	r4 40	10 56	10 13	r4 44	10 48
20	Mo	s7 19	11 54	1 45	s7 14	11 48	11 9	s7 9	11 41
21	Tu	r4 33	morn	2 43	r4 38	morn	.....	r4 43	morn
22	We	s7 21	0 33	3 41	s7 16	0 28	0 40	s7 11	0 23
23	Th	r4 32	1 4	4 42	r4 36	1 0	1 41	r4 41	0 57
24	Fr	s7 23	1 29	5 43	s7 18	1 27	2 41	s7 13	1 25
25	Sa	r4 30	1 51	6 40	r4 35	1 50	3 37	r4 40	1 50
26	S	s7 24	2 11	7 34	s7 19	2 12	4 30	s7 14	2 13
27	Mo	r4 28	2 32	8 26	r4 34	2 34	5 22	r4 39	2 37
28	Tu	s7 25	2 51	9 12	s7 21	2 57	6 10	s7 16	3 2
29	We	r4 26	3 19	9 59	r4 33	3 24	6 57	r4 38	3 29
30	Th	s7 28	3 50	10 45	s7 23	3 56	7 40	s7 17	4 2
31	Fr	r4 25	rises	11 28	r4 32	rises	8 22	r4 37	rises







MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter . . . . .	7d. 11h. 47m. a.m.	7d. 10h. 47m. a.m.
New Moon . . . . .	14d. 8h. 13m. a.m.	14d. 7h. 13m. a.m.
First Quarter . . . . .	21d. 0h. 18m. a.m.	20d. 11h. 18m. p.m.
Full Moon . . . . .	28d. 11h. 28m. p.m.	28d. 10h. 28m. p.m.

D. of M. Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
	Sun R. & S. A. M.	Moon R. & S. A. M.	Bost. Tide. Morn'g	Sun R. & S. A. M.	Moon R. & S. A. M.	N. Y. Tide. Morn'g	Sun R. & S. A. M.	Moon R. & S. A. M.
1 Mo	r4 26	9 37	0 15	r4 32	9 32	9 34	r4 38	9 26
2 Tu	s7 40	10 4	0 57	s7 35	10 0	10 15	s7 29	9 55
3 We	r4 27	10 27	1 38	r4 33	10 24	10 51	r4 39	10 22
4 Th	s7 40	10 47	2 17	s7 34	10 45	11 31	s7 29	10 45
5 Fr	r4 28	11 5	2 55	r4 34	11 4	.....	r4 40	11 5
6 Sa	s7 39	11 24	3 34	s7 34	11 25	0 32	s7 28	11 26
7 S	r4 29	11 44	4 17	r4 35	11 46	1 16	r4 41	11 48
8 Mo	s7 39	morn	5 5	s7 33	morn	2 4	s7 28	morn
9 Tu	r4 31	0 5	5 59	r4 37	0 8	2 56	r4 42	0 12
10 We	s7 38	0 32	6 58	s7 32	0 37	3 55	s7 27	0 42
11 Th	r4 33	1 7	8 1	r4 38	1 13	4 59	r4 43	1 20
12 Fr	s7 37	1 53	9 8	s7 32	2 0	6 5	s7 26	2 8
13 Sa	r4 34	2 52	10 12	r4 39	2 59	7 9	r4 45	3 8
14 S	s7 36	sets	11 12	s7 31	sets	8 7	s7 25	sets
15 Mo	r4 36	9 1	.....	r4 41	8 56	9 3	r4 46	8 51
16 Tu	s7 34	9 31	0 32	s7 30	9 28	9 56	s7 24	9 25
17 We	r4 37	9 57	1 23	r4 42	9 55	10 42	r4 47	9 54
18 Th	s7 33	10 20	2 10	s7 28	10 20	11 28	s7 23	10 20
19 Fr	r4 39	10 41	2 55	r4 44	10 42	.....	r4 49	10 44
20 Sa	s7 32	11 2	3 40	s7 27	11 5	0 39	s7 22	11 8
21 S	r4 41	11 26	4 30	r4 45	11 30	1 29	r4 51	11 35
22 Mo	s7 30	11 54	5 23	s7 25	11 59	2 21	s7 20	morn
23 Tu	r4 43	morn	6 21	r4 47	morn	3 19	r4 52	0 5
24 We	s7 28	0 26	7 21	s7 24	0 32	4 18	s7 19	0 39
25 Th	r4 44	1 5	8 20	r4 49	1 12	5 16	r4 54	1 20
26 Fr	s7 27	1 52	9 14	s7 22	1 59	6 12	s7 17	2 8
27 Sa	r4 46	2 47	10 6	r4 51	2 54	7 4	r4 56	3 3
28 S	s7 25	rises	10 52	s7 20	rises	7 47	s7 16	rises
29 Mo	r4 48	8 7	11 33	r4 53	8 2	8 28	r4 57	7 58
30 Tu	s7 22	8 31	.....	s7 18	8 28	9 9	s7 14	8 25
31 We	r4 50	8 52	0 30	r4 55	8 50	9 47	r4 59	8 48



**MOON'S PHASES.**  
(In Standard Time.)

	EASTERN DIVISION,	CENTRAL DIVISION,
Last Quarter . . . .	5d. 11h. 18m. p.m.	5d. 10h. 18m. p.m.
New Moon . . . . .	12d. 2h. 58m. p.m.	12d. 1h. 58m. p.m.
First Quarter . . . .	19d. 11h. 57m. a.m.	19d. 10h. 57m. a.m.
Full Moon . . . . .	27d. 2h. 50m. p.m.	27d. 1h. 50m. p.m.

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Ctn. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. A. M.	Moon R. & S. A. M.	Bot. Tide. Morn'g	Sun R. & S. A. M.	Moon R. & S. A. M.	N. Y. Tide. Morn'g	Sun R. & S. A. M.	Moon R. & S. A. M.
1	Th	r4 51	9 10	1 7	r4 56	9 9	10 20	r5 0	9 9
2	Fr	s7 19	9 28	1 42	s7 15	9 28	10 54	s7 11	9 29
3	Sa	r4 53	9 47	2 18	r4 58	9 48	11 31	r5 2	9 51
4	S	s7 17	10 8	2 55	s7 13	10 11	.....	s7 9	10 15
5	Mo	r4 55	10 32	3 37	r4 59	10 36	0 36	r5 4	10 41
6	Tu	s7 14	11 2	4 25	s7 10	11 7	1 24	s7 6	11 14
7	We	r4 58	11 41	5 24	r5 1	11 47	2 22	r5 5	11 55
8	Th	s7 12	morn	6 32	s7 8	morn	3 30	s7 4	morn
9	Fr	r5 0	0 33	7 46	r5 3	0 40	4 42	r5 7	0 49
10	Sa	s7 9	1 39	8 57	s7 5	1 46	5 54	s7 2	1 55
11	S	r5 2	2 57	10 4	r5 5	3 3	7 1	r5 9	3 11
12	Mo	s7 6	sets	11 1	s7 3	sets	7 55	s6 59	sets
13	Tu	r5 4	7 56	11 49	r5 7	7 54	8 46	r5 11	7 52
14	We	s7 3	8 21	0 12	s7 0	8 20	9 34	s6 57	8 20
15	Th	r5 6	8 43	0 57	r5 9	8 44	10 15	r5 13	8 45
16	Fr	s7 0	9 5	1 40	s6 58	9 7	10 56	s6 54	9 10
17	Sa	r5 8	9 29	2 23	r5 11	9 32	11 40	r5 14	9 37
18	S	s6 57	9 55	3 6	s6 54	10 0	0 4	s6 52	10 5
19	Mo	r5 10	10 26	3 56	r5 13	10 32	0 55	r5 16	10 39
20	Tu	s6 54	11 3	4 50	s6 52	11 10	1 48	s6 49	11 18
21	We	r5 13	11 48	5 51	r5 15	11 55	2 49	r5 18	morn
22	Th	s6 51	morn	6 54	s6 49	morn	3 51	s6 46	0 4
23	Fr	r5 15	0 41	7 57	r5 17	0 48	4 53	r5 20	0 57
24	Sa	s6 48	1 40	8 53	s6 46	1 47	5 50	s6 43	1 54
25	S	r5 17	2 42	9 43	r5 19	2 48	6 41	r5 22	2 55
26	Mo	s6 45	3 46	10 27	s6 43	3 51	7 23	s6 40	3 56
27	Tu	r5 19	rises	11 6	r5 21	rises	7 59	r5 24	rises
28	We	s6 42	7 18	11 41	s6 40	7 17	8 37	s6 38	7 16
29	Th	r5 21	7 35	.....	r5 23	7 35	9 13	r5 25	7 36
30	Fr	s6 39	7 53	0 32	s6 37	7 54	9 47	s6 34	7 56
31	Sa	r5 23	8 13	1 7	r5 25	8 15	10 21	r5 27	8 19







MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.		CENTRAL DIVISION.	
Last Quarter . . . . .	3d.	3h. 48m. p.m.	3d.	2h. 48m. p.m.
New Moon . . . . .	10d.	8h. 41m. a.m.	10d.	7h. 41m. a.m.
First Quarter . . . . .	17d.	9h. 6m. p.m.	17d.	8h. 6m. p.m.
Full Moon . . . . .	25d.	9h. 3m. p.m.	25d.	8h. 3m. p.m.

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. A. M.	Moon R. & S. A. M.	Bot. Tide. Morn'g	Sun R. & S. A. M.	Moon R. & S. A. M.	N. Y. Tide. Morn'g	Sun R. & S. A. M.	Moon. R. & S. A. M.
1	Tu	r5 56	8 19	2 3	r5 56	8 26	11 22	r5 55	8 34
2	We	s5 41	9 12	2 54	s5 42	9 20	.....	s5 42	9 28
3	Th	r5 53	10 17	3 53	r5 53	10 24	0 52	r5 57	10 33
4	Fr	s5 38	11 32	5 2	s5 38	11 38	2 0	s5 39	11 45
5	Sa	r6 1	morn	6 16	r6 0	morn	3 14	r5 59	morn
6	S	s5 34	0 52	7 26	s5 35	0 57	4 23	s5 36	1 3
7	Mo	r6 3	2 12	8 29	r6 2	2 15	5 26	r6 1	2 20
8	Tu	s5 31	3 31	9 23	s5 32	3 33	6 22	s5 33	3 36
9	We	r6 5	4 47	10 12	r6 4	4 47	7 9	r6 3	4 48
10	Th	s5 27	sets	10 56	s5 29	sets	7 51	s5 30	sets
11	Fr	r6 8	5 52	11 36	r6 6	5 55	8 32	r6 5	6 0
12	Sa	s5 24	6 20	.....	s5 26	6 25	9 17	s5 27	6 31
13	S	r6 10	6 54	0 41	r6 8	7 0	10 0	r6 7	7 7
14	Mo	s5 21	7 34	1 25	s5 22	7 41	10 45	s5 24	7 49
15	Tu	r6 12	8 23	2 14	r6 10	8 31	11 34	r6 9	8 39
16	We	s5 18	9 18	3 4	s5 19	9 25	0 1	s5 21	9 34
17	Th	r6 15	10 19	3 58	r6 13	10 25	0 57	r6 11	10 33
18	Fr	s5 15	11 23	4 55	s5 16	11 28	1 53	s5 18	11 35
19	Sa	r6 17	morn	5 53	r6 15	morn	2 51	r6 13	morn
20	S	s5 11	0 27	6 50	s5 13	0 31	3 47	s5 16	0 37
21	Mo	r6 19	1 31	7 41	r6 17	1 34	4 37	r6 15	1 38
22	Tu	s5 8	2 35	8 28	s5 11	2 37	5 24	s5 13	2 40
23	We	r6 22	3 39	9 10	r6 19	3 40	6 8	r6 17	3 41
24	Th	s5 5	4 44	9 51	s5 8	4 43	6 49	s5 10	4 43
25	Fr	r6 24	5 51	10 32	r6 21	5 49	7 28	r6 19	5 48
26	Sa	s5 3	rises	11 11	s5 5	rises	8 4	s5 8	rises
27	S	r6 26	5 39	11 51	r6 24	5 44	8 48	r6 21	5 51
28	Mo	s5 0	6 18	0 13	s5 2	6 24	9 35	s5 5	6 32
29	Tu	r6 29	7 8	1 1	r6 26	7 15	10 23	r6 23	7 24
30	We	s4 57	8 10	1 53	s5 0	8 17	11 15	s5 3	8 26
31	Th	r6 31	9 21	2 50	r6 28	9 27	.....	r6 26	9 35







MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Last Quarter . . . . .	1d. 6h. 5m. a.m.	1d. 5h. 5m. a.m.
New Moon . . . . .	8d. 0h. 7m. p.m.	8d. 11h. 7m. a.m.
First Quarter . . . . .	16d. 3h. 0m. p.m.	16d. 2h. 6m. p.m.
Full Moon . . . . .	23d. 11h. 29m. p.m.	23d. 10h. 30m. p.m.
Last Quarter . . . . .	30d. 3h. 12m. p.m.	30d. 2h. 12m. p.m.

1912		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Ctn. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Boat Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r7 9	morn	4 36	r7 4	morn	1 35	r6 59	morn
2	Mo	s4 29	0 20	5 34	s4 34	0 21	2 32	s4 39	0 24
3	Tu	r7 11	1 33	6 31	r7 6	1 33	3 29	r7 1	1 34
4	We	s4 28	2 44	7 26	s4 33	2 42	4 23	s4 38	2 42
5	Th	r7 13	3 56	8 19	r7 8	3 53	5 17	r7 3	3 51
6	Fr	s4 28	5 8	9 11	s4 33	5 4	6 9	s4 38	4 59
7	Sa	r7 15	6 21	10 2	r7 10	6 15	6 59	r7 5	6 9
8	S	s4 28	sets	10 51	s4 33	sets	7 45	s4 38	sets
9	Mo	r7 17	4 55	11 36	r7 12	5 2	8 32	r7 7	5 11
10	Tu	s4 28	5 53	.....	s4 33	6 0	9 21	s4 38	6 8
11	We	r7 19	6 56	0 46	r7 14	7 2	10 5	r7 8	7 9
12	Th	s4 28	8 0	1 30	s4 33	8 5	10 47	s4 39	8 11
13	Fr	r7 20	9 4	2 14	r7 15	9 8	11 30	r7 10	9 13
14	Sa	s4 28	10 8	2 55	s4 33	10 11	.....	s4 39	10 15
15	S	r7 22	11 10	3 37	r7 17	11 12	0 36	r7 11	11 14
16	Mo	s4 29	morn	4 20	s4 34	morn	1 19	s4 40	morn
17	Tu	r7 23	0 12	5 5	r7 18	0 12	2 3	r7 13	0 13
18	We	s4 29	1 14	5 53	s4 35	1 13	2 51	s4 40	1 13
19	Th	r7 25	2 20	6 44	r7 20	2 18	3 41	r7 14	2 16
20	Fr	s4 30	3 30	7 37	s4 35	3 26	4 34	s4 41	3 24
21	Sa	r7 26	4 43	8 33	r7 21	4 38	5 30	r7 15	4 33
22	S	s4 31	5 58	9 30	s4 36	5 52	6 28	s4 42	5 45
23	Mo	r7 27	7 12	10 28	r7 21	7 5	7 24	r7 16	6 57
24	Tu	s4 32	rises	11 24	s4 38	rises	8 18	s4 43	rises
25	We	r7 28	6 8	.....	r7 22	6 14	9 17	r7 17	6 21
26	Th	s4 33	7 30	0 46	s4 39	7 35	10 10	s4 44	7 41
27	Fr	r7 28	8 51	1 39	r7 23	8 54	10 58	r7 18	8 58
28	Sa	s4 35	10 9	2 29	s4 40	10 11	11 50	s4 45	10 13
29	S	r7 29	11 23	3 17	r7 24	11 23	0 16	r7 18	11 24
30	Mo	s4 36	morn	4 7	s4 42	morn	1 6	s4 46	morn
31	Tu	r7 29	0 35	5 0	r7 24	0 34	1 58	r7 19	0 34

*Prefer  
Wm  
C.H  
the*

*Anna  
telep  
Wm  
C.H*

*Yes  
C.H  
30  
in*



Ther

MON. JAN. 1, 1912

Wea

Cold

Perfect rake today at shop  
Went to dinner at Mrs.  
C.H. Deere's. Mrs Buttenworth  
the Winian boys. were there.

Bed 10.45

Ther

TUESDAY 2

Wea

Arranged for gas, electricity,  
telephone etc for apartment  
Went to the Peeks to dinner  
Lieut Meesh was there.

Bed 11.45

Ther

WEDNESDAY 3

Wea

Cold.

Very cold. Mr Webber  
& Mr Steve Velie and  
E.D. Velie came to factory  
called on Mrs McCall  
in evening. She is most delightful  
Bed 11

Ther THURS. JAN. 4, 1912

Wea  
all day

A terribly cold day. Sample  
parts for spreader nearly  
complete. Went to Deere  
& Co in afternoon to see  
about engines. Played  
pool in evening. Bed 10

Ther

FRIDAY 5

Wea

The coldest day so far 12 below at noon.  
Bought a fur cap. Thought  
of wide spread attachment for  
low-down using pitman.  
Major Cutchfield talked over  
advertising

Bed 9.30

Ther

SATURDAY 6

Wea

Another cold one, 8 below  
the highest all day.  
Went up to the Peeks  
in the evening.

Bed 12



## HAIRCUT

Ther

SUN. JAN. 7, 1912

Wea

Continued cold. Went  
to apartment in morning  
and found everything nearly done.

Spent the day at the Peles  
and took some pictures of baby.  
Mrs McCall leaves tomorrow..

Bed 9.45

Ther

MONDAY 8

Wea

Went to Deere & Co and French &  
Hecht in morning to see about  
wheels. In evening went to  
after Dinner Club which  
I have just joined.

Bed 9.45

Ther

TUESDAY 9

Wea

Continued cold.  
Made a model showing  
inside of drive gear.

Bed 9

Ther WED. JAN. 10, 1912 Wea

Went to apartment but found  
the janitor had not unpacked.

Went to Deere & Co and decided  
on punches etc. for low down.

Went to see Blanche King  
in evening in "The Wall St. Girl"  
Good Show. Bed 12.30

Ther THURSDAY 11 Wea

12 below again today -

Expected mother today  
but she was delayed and  
telegraphed she would  
spend the night in Chicago.

Went with crowd to see  
"Don't Lie to Your Wife." Bed 10.45

Ther FRIDAY 12 Wea

24 below. Mother came  
today. It is fine to have  
her here. We bought a  
bed and various household  
furnishings. The janitor has  
not yet unpacked Bed 9



Ther SAT. JAN. 13, 1912 Wea

Moved into apartment today. Bought table, lamp etc. The apartment looks very nicely.

Telephone put in  
no EAST 1304

Bed 9.30

Ther SUNDAY 14 Wea

Got settled nicely today. Mr. Winan brought some flowers in the morning.

Mrs Howard called. The new home is very pleasant. Went to the hotel for dinner at night. Bed 9

Ther MONDAY 15 Wea

Uncle John came this afternoon. He spent the night with us at the apartment. Am tickled to pieces with the place. Mr Head called. Bed 10

Ther TUES. JAN. 16, 1912 Wea

Took Uncle John over  
Ther & Co's plant in morning  
He left for Kansas City at 2.30  
saying he had a fine time  
Mother & I went up to the  
Peaks to dinner.

Bed 9.30

Ther WEDNESDAY 17 Wea

First warm day for 3 weeks.  
A rather discouraging day at  
the shop. It is almost impossible  
to push and make things move.  
Received a letter from Mrs McCall.  
It is fine to have mother here.

Bed 8.45

Ther THURSDAY 18 Wea

Things are moving a little  
better today. Received applicant  
of Patent today from Bliss  
to sign.

Bed 9.



Ther

FRI. JAN. 19, 1912

Wea

8 Below.

Have not felt very lively  
all the week and have  
had things at the ship  
bother in that they do  
not seem to move along  
at all fast. Bed 7.30

Ther

SATURDAY 20

Wea

Hazy

Felt better today.

In evening, called with  
mother on the Heads  
and Howards.

Bed 11

Ther

SUNDAY 21

Wea

Warm

Went with mother to  
call on the Peeks  
in the afternoon  
and went to the Peathes  
to supper. Bed 10

Ther MON. JAN. 22, 1912 Wea

Nothing of especial interest  
today. Malleables due  
pretty soon for low downs.  
Finished reading the  
"Money Moon".

Bed 8.30

Ther TUESDAY 23 Wea

Signed application for patent  
on low-down spreader in which  
the Beater can be moved and  
the apron lowered & raised.

Mr. Todd got back to the shop  
today.

Bed 8.30

Ther WEDNESDAY 24 Wea

Received letter from Mrs McCall.  
Called on the Hunttons in  
evening. Started  
writing up aprons, ought  
to start on frames tomorrow.

Bed 9.30



Ther THURS. JAN. 25, 1912 Wea

Took pictures for catalog cover  
in afternoon. Caught  
another cold so feel rather  
mean. Got enlargement  
of picture of Mrs. McCall which  
is very good.

Bed 8.30

Ther FRIDAY 26 Wea

Bad cold all day.

Kate wrote that my  
name had been proposed  
for honorary membership in  
the Q.B.C. This would be a  
great honor.

Called on Miss Hill. Bed 9.15

Ther SATURDAY 27 Wea

Set up frame of low-down  
and started to rivet up sides.  
Parsonage came out and read  
his article on the low-down.  
Still have bad cold.

Bed. 9

Ther

SUN. JAN. 28, 1912

Wea

A dismal day. <sup>Rain</sup> started  
in about all day. In  
evening went to supper at  
the Hunttons. Mr & Mrs Lea,  
Dr & Mrs Shocomb, Miss Wilson &  
Mr Johnson were there. Bed 10.15

Ther

MONDAY 29

Wea

Started to set up frames.  
They did not go well.  
Sent letter and photo's of  
stop to Bliss in Washington  
to get patent on relief springs.

Ther

TUESDAY 30

Wea

Things seemed to go a  
little better today.  
Mother & I were invited &  
went to Mr Mixter's to  
dinner, had a very  
pleasant time. Bed 9.30



Ther WED. JAN. 31, 1912 Wea

My cold still bothers.  
The drill head came today.  
Hope to have 12 spreaders  
by the end of next week to  
ship to Kansas City.  
The Cooney's called in evening.  
Bed 10/5

Ther THURSDAY, FEB. 1 Wea  
Colder.

Mr Dain came around with  
his truck. It is a great  
thing. The truck drive  
is very clever -  
Mrs and Miss Howard  
came to dinner. Bed 10.15

Ther FRIDAY 2 Wea  
HAIRCUT cold.

Went to French & Hecht's  
in afternoon to see about  
putting pins in beater bars.  
Saw a machine that ought  
to do it well. Bed 9

Ther

SAT. FEB. 3, 1912

Wea

Went over to French & Hecht  
in afternoon with Mr Todd &  
arranged to have them  
fix up a machine they now  
have to put in beater pins.

Bed 9

Ther

SUNDAY 4

Wea

Cold

Went to Church with Mother  
in morning, and to the  
Howards to dinner.

Bed 9

Ther

MONDAY 5

Wea

Felt better & did more at  
Shop than any time for  
a month.

Bed 9, 15



Ther TUES. FEB. 6, 1912 Wea

Got up before 5 this mornin,  
and went to a fire at the  
Barnard & Leas plant. which  
destroyed it all. A Mr. Anderson  
with a manure load was around  
but did not interest us. Some  
of all the malleable came today / Bed 9

Ther WEDNESDAY 7 Wea

Mrs Hoak started in yesterday.  
Wheels came today from F & H.  
Spreader came along pretty  
well today. Started taking  
lunches with me.

Ther THURSDAY 8 Wea

Spreader seem to be coming  
out slowly. The dull head  
we started today and used  
the new jig. The tapping  
chucks also came.

Bed 9.45

Ther

FRI. FEB. 9, 1912

Wea

Have got & have had the fear  
for a Victrola for a long  
while. Gear case finished  
today & looked very well.  
The Howards came to dinner

Bed 10.30

Ther

SATURDAY 10

Wea

A discouraging day at the  
shop. The great event -  
- a Victrola - mother & I  
bought today & it came  
at 6 o'clock. It is going  
to give me a great deal of  
pleasure.

9.30

Ther

SUNDAY 11

Wea

Played the Victrola a great  
deal. Bought ticket for  
mother to Worcester.  
Mr & Mrs Myster came to  
call in the evening.

9.30



Ther

MON. FEB. 12, 1912

Wea

Mother left today for Chicago where she will visit the rest of the week. Built 2 low downs today. Mr. Muxter came around. Went to the after dinner club. Hanley of Monmouth spoke. It was awful. Bed 10.

Ther

TUESDAY 13

Wea

Snow in P.M. which did not amount to much. Built 2 spreaders today. Terribly hard to get things going. Called on Mr. Muxter in evening. Received letter from Mrs. Melall. Bed 9:30

Ther

WEDNESDAY 14

Wea

Had the brilliant idea today of turning over the building of the So Low Downs to Cornell. Shipped the first one tonight.

Bed 9

Ther THURS. FEB. 15, 1912 Wea

Built 1 spreader & knocked down 3.  
It is hard work getting started.  
Shall be greatly relieved when  
things really get well going.  
In evening played bridge & won  
prize and the Hunttons. going then  
to dinner first. Bed 10.45

Ther FRIDAY 16 Wea

Harry Good came to live  
with me till his house  
is done. Built 4 Low Downs  
The weather is much warmer

Bed 9.30

Ther SATURDAY 17 Wea

Finished 10 spreaders this  
week. Took out a lot  
of new records for the Victrola

Bed 11.15



Ther

SUN. FEB. 18, 1912

Wea

A very warm day. Was  
lazy and stayed around  
all day. Went to the  
Popes for supper.  
Played the Victrola about  
all day.

Bed 10

Ther

MONDAY 19

Wea

Built 3 Low Downs.

Went to dinner with Harry Good  
Miss Bassett, Miss Coops,  
Miss Dabney, Mrs Pope & husband  
and afterwards to the Noline  
Theatre to see "The Royal Welch  
Women's Chorus".

Bed 11

Ther

TUESDAY 20

Wea

Three spreaders today. Painted  
wheels yellow for first time.  
The Victrola made too much noise  
so the dealer changed it today  
for another which appears to  
be much better. Bed 9.45

Ther WED. FEB. 21, 1912 Wea

Mr Mixer & Mr White  
came out today. In  
evening, went over to Davenport  
with Mr Mixer. He stopped  
in on his way home.

Bed 10.15

Ther THURSDAY 22 Wea

Made out price list of parts  
for Low Down spreader.  
Went to see the Chocolate  
Soldier at Davenport with  
Mr Peck. A very delightful  
show.

Bed 11.45

Ther <sup>HAIRCUT.</sup>  
FRIDAY 23 Wea

Bought 5 records for the Victrola  
Maudie Elmans Minnie. Come along  
my Mandy, Venetian Love song. Schubert's  
Serenade, Rag Time Valse - Allen  
Head & sister came over in evening.

Bed 10.30



Ther

SAT. FEB. 24, 1912

Wea

Warm -

The first advertising circular  
came out today on lowdown.  
shipped to Low Downs to  
Kansas City. A long week  
at the shop, glad it is over.

Bed 9.30

Ther

SUNDAY 25

Wea

Stayed indoors nearly all  
day writing & playing Vexata.  
Went to the Sea's for supper.  
Miss Bassett a friend of  
Harry Woods was there.

Started snowing in evening,

Bed 10.30

Ther

MONDAY 26

Wea

A heavy storm. The biggest snow  
of the year. Was hard  
getting to work.

In evening, Mr & Mrs Dabney,  
and Miss Bassett came.

Bed 10.45

Ther TUES. FEB. 27, 1912 Wea

Photographed all day  
for directions for setting  
up spreader. 19 pictures  
in all. Developed  
clamp to use in putting  
apron together.

Bed 8.30

Ther WEDNESDAY 28 Wea

Busy all day getting ready  
for building low down

Bed 9

Ther THURSDAY 29 Wea

Made up directions for setting  
up spreader. Started jig  
for assembling frame. Went  
to a card party in evening  
given for Miss Bassett by  
the Dabney's.

Bed 11



Ther FRI. MAR. 1, 1912 Wea

Jim Whitens chair came today.  
It is a fine, easy one.

Bought 2 records. and  
a trimmer for needle points.

The Cooneys came over in evening

Bed 10

Ther SATURDAY 2 Wea

Glad the week is nearly over.

450 men on payroll now.

Figured we need more  
presses in forge shops.

Bed 9.30

Ther SUNDAY 3 Wea

Mr. Myster came around in the  
morning & we went out to the

Harvester Plant. Took  
some pictures of the baby

and went to ride with  
them in afternoon

Bed 9.15

Ther MON. MAR. 4, 1912 Wea

On equipment all day.

Bed 9

Ther TUESDAY 5 Wea

Went over to Harvester  
Plant in P.M. with  
Mr. Winton.

Bed 1030

Ther WEDNESDAY 6 Wea

Nothing special

Bed 9.45



Ther THURS. MAR. 7, 1912 Wea

Went up to the Mixters in  
evening.

Bed 10-30

Ther FRIDAY 8 Wea

Spent all morning at  
Harvester Plant with  
Mr. Mixer, Peck, Bedell, Diner,  
Todd & a Man Morrissey  
going over Dain mower. Went  
up to see Bright in evening.

Bed 10.15

Ther SATURDAY 9 Wea

HAIRCOT  
Exchanged reading lamp today.  
Got 2 new records. Madame Butterfly  
& Carmen. Went to a most enjoyable  
dinner at the Harry Evans in Paraport.  
The A.J. Fickies and Miss Lillie Dodge.  
it was a very pleasant dinner.

Bed 11.45

Ther SUN. MAR. 10, 1912 Wea

Sanday left for Kansas City tonight  
to expect Low Down spreaders.

Mr. Mixer came around in morning  
and we went to Davenport and  
took Mr. Hecht to the Harvester plant  
Marshall. Called on Peattie & Mrs  
Howard & Mrs. Gleason. Bed 9.15

Ther MONDAY 11 Wea

Snowed nearly all day. Snow

Finished the last malleable  
patterns today. Sent Low Down  
over to Waterlown State Hospital.

Went up to the Mixers to dinner  
and they came down in the  
evening & heard the Victrola. Bed 10.15

Ther TUESDAY 12 Wea

Had report that spreader at  
Orich was doing good work.  
Jigs nearly finished for sides  
& frame.

Bed 8.30



Ther WED. MAR. 13, 1912 Wea

Two months today since I  
moved into the apartment.  
Nothing of especial note today

Allan Head came over in the evening.  
Bed 10.15

Ther THURSDAY 14 Wea

snow

Started to snow this morning  
and it kept up all day.

Pushing ahead a little in  
getting the low downs along.

wrote Mrs McCall - Bed 9.45

Ther FRIDAY 15 Wea

Had letter from Raiebeck & from  
Sandy saying they had  
started a spreader in a  
snow drift and it worked  
well. Went up to the Misters  
in evening. Ordered 2 suits Bed 10

Ther

SAT. MAR. 16, 1912

Wea

Was much pleased to receive letter from Raisbeck saying "Tell Brown to sleep well as spreader all o.k. and that I have as much confidence in low-down as I ever had in Success." Bought Peer Gynt Suite for Victrola Bed 9.30

Ther

SUNDAY 17

Wea

In morning Mr Myxter came around. Went out to E. Malone. Went to the Howard's to dinner. Went up to the Myxters in P.M. The streets are regular rivers, the snow is going fast. Bed 9.15

Ther

MONDAY 18

Wea

Worked most all day on setting up frames. New jig starts in pretty well. Arranged to core out hub on 13055-C. Keater head.

Bed 8.30



Ther TUES. MAR. 19, 1912 Wea

Went over to State Farm to see spreader at work.

Spread 19 loads today under the meanest possible conditions.

The spreader worked finely.

Called on the Peeks in the evening with Harry Good Bed 10.15

Ther WEDNESDAY 20 Wea

Snow storm today, a severe one.

It seemed yesterday as though spring were here. Today it is different.

Went to Danville in evening to see "The Easiest Way"

a play extremely well acted but unpleasant. Bed 11.45

Ther THURSDAY 21 Wea

Work all day

Bed 9

Ther

FRI. MAR. 22, 1912

Wea

Went up to the Mixter  
in evening. Bed 10

Ther

SATURDAY 23

Wea

The spreader came in from  
Mr Butterworth's farm. It  
had never been oiled but the  
gearing showed no wear.  
In the afternoon went to  
French Heclits. Promise wheels  
April 3. Bed 9.30

Ther

SUNDAY 24

Wea

Mr Mixter came around and  
we went to Marselles  
went up there to dinner  
and to the Pickie's in  
Davenport in P.M.  
Bed 9



Ther MON. MAR. 25, 1912 Wea

Sent cars to Deere & Co to  
put pins in beater. Heard  
of trouble from Homburg on low  
down

Left 7:30 train for Minneapolis  
for Deere & Webber Co with Mr. Todd.  
to see spreader. Bed 9.45

Ther TUESDAY 26 Wea

Reached Minneapolis at 8 A.M.  
Went out to see spreader with  
Homburg & Shutz. Found spreader  
with about 3 to 4 tons of manure  
on it. Found it necessary to put on side brace  
and gears. Left sill somewhat sprung.

Mr. Webber to dinner, back on 7.45 train. Bed 9.

Ther WEDNESDAY 27 Wea

Reached Uxline this morning,  
found there had been a  
riot in Rock Island and  
the city under martial  
law. Made changes on  
spreader. Bed 9.

Ther THURS. MAR. 28, 1912 Wea

Got some records. Chocolate  
Soldier - Caratuna etc.  
Went to the Guyers in Rock Island  
for dinner. Miss Elie Kaler. Miss  
Stipole. Miss Prentiss, & Miss Guyer. and  
the Harry Evans were there. A  
good time. 275.3 Bed 12.30

Ther FRIDAY 29 Wea

Got first colored proof  
of hanger for Low Down.  
Signed application for  
reissue for Canadian Low  
Down patent. Went up to  
the Mixters in evening  
Bed 10

Ther SATURDAY 30 Wea

Went over to see spreader at  
Watertown. found country day.  
Joined Y.M.C.A. Went to see  
Louisiane Lou. with Harry  
and Ben Kough. a good show.  
Bed 11.45



Ther SUN. MAR. 31, 1912 Wea

A beautiful day. In morning  
Mr Mixer came around and  
we went out to the plant.  
Went to the Pecks to dinner  
they came over to apartment  
in afternoon. Fred Smith  
came in evening. Bed 9.15

Ther MONDAY, APRIL 1 Wea

Two suits came today. Todd  
reports from Kansas City trip  
that except for sides springs  
that spreaders are doing  
well.

Bed 9.45

Ther TUESDAY 2 Wea

On the job all  
trying to get ready to  
build spreaders.  
Went to Dave Ho to see  
about putting in brat teeth

Bed 9.45

Ther WED. APRIL 3, 1912 Wea

Spent most of the day  
trying to straighten out  
gear case equipment.

Bed 7.45

Ther THURSDAY 4 Wea

shops - Have to stick  
pretty close -  
a most beautiful  
day.

Bed 8.45

Ther FRIDAY 5 Wea

Started 1st spreader today  
Has been a hard week -

Bed 9.30



## HAIRCUT

Ther

SAT. APRIL 6, 1912

Wea

Built 1st spreader today.  
Feel a little more encouraged.  
Bought a pair of shoes &  
some neckties - also  
a Causo and Amoua scard.  
Ben Kough came to dinner.

Bed 9

Ther

SUNDAY 7

EASTER

Wea

Went to church in morning.  
In afternoon called on the  
Hof's and from there  
walked over to the Rock Island  
Club and had dinner with  
Allan Head.

Bed 9.45

Ther

MONDAY 8

Wea

Went to see spreader at  
Watertown. It appeared to be  
allright, had spread 200 loads.  
The 3 horse even seemed to have  
too much play. Sent it to Pease's.  
Do not feel very well for some  
reason or other.

Bed 8.30

Ther TUES. APRIL 9, 1912 Wea

Went over to the J.M. Sechler's  
with Parsonage to see a new  
spreader made by Ernst.

Bed 9.30

Ther WEDNESDAY 10 Wea

A long hard day at  
shop

9.00

Ther THURSDAY 11 Wea

Have built 10 spreaders  
so far. Went over  
to State Farm with  
Todd to see the low down  
It was spreading 60" wide.  
Called on the Leas in evening

9.30



Ther FRIDAY, APRIL 12, 1912 Wea

Built 15 Spreaders so far.  
Found that 3 horse evenu  
was not right and Deere's  
will have to make over the  
ones we have. The Peathes  
came over in the evening.  
Bed 10.15

Ther SATURDAY 13 Wea

Filled out a long list  
of dates for Bliss on  
Spreader matters. Hattian  
came to dinner. A  
long hard week.

Bed 9.15

Ther SUNDAY 14 Wea

Took pictures of the Mixter's  
baby, in afternoon walked  
with Miss Hill to Black  
Hawk Watch Tower 7 or 8 miles  
Miss Howard, Miss Howard &  
Miss Hill came over in <sup>evening</sup>  
Bed 10.15

Ther MON. APRIL 15, 1912 Wea

Built 10 spreaders today.  
Things seem to be coming  
a little bit better.

Bed 10.15

Ther TUESDAY 16 Wea

Had telegram from Raisbeck asking  
me to come to Emporia as 2 spreaders  
were broken. 1301 S.E. Built 11  
spreaders. Went over to Todd's in  
evening, and took train for  
Kansas City at 10.18

Bed 10.30

Ther WEDNESDAY 17 Wea

Reached Kansas City at 8.30 A.M. at 9.10  
for Emporia, reaching there at 12.30  
P.M. Met Frank Raisbeck and  
made all arrangements to see the  
two spreaders in morning.

Bed. 10.



Ther THURS. APRIL 18, 1912 Wea

Went out to see the two broken spreaders. They were the very first made. As far as I can see the trouble is that the dog 1348 did not set in far enough in catch plate. I brought down a heavier plate & a dog which fitted and <sup>every thing seemed to go O.K.</sup>

Ther FRIDAY 19 Wea By 9

Took 4.50 train to Strong City.

Went out to see a low down owned by Wilson Bros. Had done good work put on new stop and spread a load.

Left at 2.30 for K.C. Mr Bailey met me and we had dinner together and

then went to see "A Modern Eve" Bed 11.30

Ther SATURDAY 20 HAIRCUT Wea

With Emerson went out to Grandview, saw Soals machine spread a load. went O.K.

Went to W.J. Wyatt in Belton, he had one spreader broken. 1301.52. had a corner take out, a defective floor link caused the trouble.

Saw a Spreader at Martin City which was O.K.

Left K.C. at 9.10 for Moline Bed 8.30

Ther SUN. APRIL 21, 1912 Wea

Reached Moline at 7 A.M.

Went over to see Todd in morning  
In afternoon went over to Davenport  
to see Harry Evans. They have  
a beautiful place. Went up to  
the Mixter and stayed to  
supper. Bed 9

Ther MONDAY 22 Wea

Found that shop had gotten  
up to 20 a day on low downs.  
Frank Raisbeck was in.

Went over to French & Hecht's  
in afternoon to see about bugs  
on wheel. Went to see Mixter about  
owners with Todd. Rained <sup>very</sup> Bed 9.

Ther TUESDAY 23 Wea

Nothing special except  
work.

Bed 9.



Ther WED. APRIL 24, 1912 Wea

A day when things went wrong  
Built 22 spreaders but  
found a good many things  
being slighted. Decided  
to use cotter instead of nuts  
on front axle staples.

New 1301 today - Bed 8.30

Ther THURSDAY 25 Wea

Am to be superintendent  
starting next Monday.

Built 25 spreaders today.

Went to Empire in evening  
with Marjorie Head.

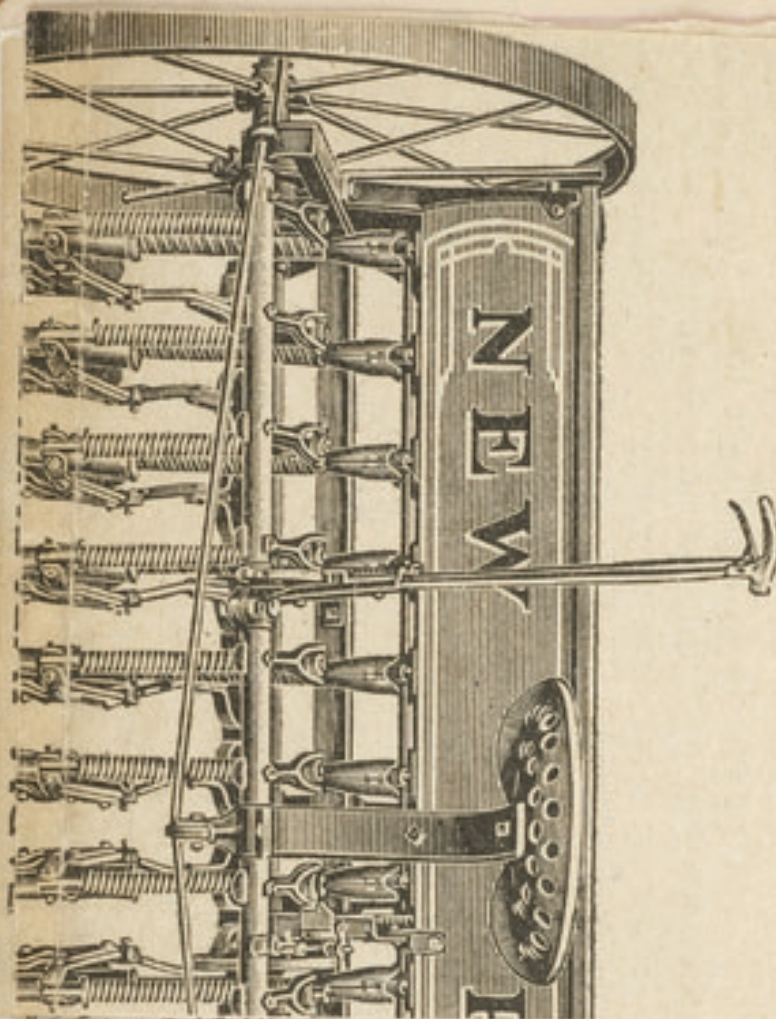
Bed 10.45

Ther FRIDAY 26 Wea

Built 35 spreaders a day  
Mr Mixer came out in  
afternoon and went over  
equipment.

Called on the buyers in  
evening.

Bed 9.45



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*Two sides*

Ther MONDAY 29 266.25 Wea

The first day as Superintendent.  
There are a lot of things  
to be done before the shop  
will be in good running  
order.

Bed 9.45



FARM IMPLEMENT NEWS

**TRI-CITY NEWS**  
MOLINE — ROCK ISLAND — DAVENPORT

Moline, Ill., May 6.—“As a general thing first order business during the season now drawing to a close has not been as good for implement factories throughout the country as was the case in the season of 1910-11,” says T. M. Sechler, president of the D. M. Sechler Implement & Carriage Company. “So far as the Sechler company is concerned, however, second order business has come in to the office in considerably larger volume than is usual. The late spring means that goods will continue to be shipped for this season, probably as late as June 1, and the deficit on first order business will be made up on second orders. This business has really been surprising, and all things considered we have reason to feel that we have had a very successful year. Manufacturers have all been aided by the late spring.”

Theodore Brown is the new superintendent of the Marseilles Manufacturing Company's plant in East Moline, succeeding last week to the position held by Martin J. Eggan since removal of shops from Marseilles to East Moline. Mr. Eggan resigned as superintendent after a faithful tenure of service and he will take an extended vacation before making decision as to his future plans. He has left the employ of the Deere corporation and is visiting in Michigan. The newly appointed superintendent is a young man of large ability and broad experience in the manufacturing business. Mr. Brown came to Moline last fall from Worcester, Mass., and has been connected with the Marseilles company since that time. He is a graduate of the Worcester Polytechnic institute, one of the foremost technical schools of the country, and added to this training he has had experience as a shop manager. Before leaving the east Mr. Brown was superintendent for the Richardson Manufacturing Company at Worcester, the firm that makes the well known Easy-Loader manure spreaders and mowing machines.

*Two orders*  
Ther

MONDAY 29 24.55 Wed

The first stay as Superintendent.  
There are a lot of things  
to be done before the ship  
will be in good running  
order.

Bed 9.15

Ther

THURSDAY 2

Wed

Hope to start assembling train  
tomorrow. The blacksmith  
shop got mostly behind.  
Went up to the Moline  
crawlers.

Bed 10.15

FARM IMPLEMENT NEW

Ther SAT. APRIL 27, 1912 Wea

A beautiful day. Built 32 spreaders. Mr Eggan came around to say good bye - Made final payment on Victrola.

Bed 9.30

Ther SUNDAY 28 Wea

A dismal rainy day. Frank Campbell came up in afternoon. Later Mr Wyster and his father came around. Mr B.F. Peck came over in evening, also the Blakes and Allen Head & his sister.

Bed 10.30

Ther MONDAY 29 266.25 Wea

The first day as superintendent. There are a lot of things to be done before the shop will be in good running order.

Bed 9.45




Ther TUES. APRIL 30, 1912 Wea

Blacksmith shop behind so  
are tied up on setting up  
spreaders. The 1st 300 lot  
is done. Mr. Wixter and

his father came out in  
afternoon. Decided to build lumber

Called on Peck in evening. Bed 9.45

Ther WEDNESDAY, MAY 1 Wea

Scarles Rose came around  
this morning. Put on  
a new oiling device on  
feed gears. In means  
drilling a hole in end of spider  
and a cross hole  $\frac{15}{16}$ " back. 

Bed 10

Ther THURSDAY 2 Wea

Hope to start assembling <sup>Train</sup>  
tomorrow. The blacksmith  
shop got terribly behind.  
Went up to the Wixters in  
evening.

Bed 10.15

Ther FRI. MAY 3, 1912 Wea

Hot - 85 in p.m.  
Started setting up spreads  
again.

Wheels with special  
lugs came from French & Herts  
Haint Bed 10

Ther SATURDAY 4 Wea

Hot again.

The Peeks came around in  
evening and took me out  
for a ride. Bed 10.30

Ther SUNDAY 5 Wea

Stayed around home all  
day, too lazy to care to  
do much. Went up to  
the Peeks to supper. Went  
for a ride in the evening  
Bed 10.15



Ther MON. MAY 6, 1912 Wea

Another fine day although  
very hot. It has been a  
hard day at shop.

Bed 9

Ther TUESDAY 7 Wea

Bed 10

Ther WEDNESDAY 8 Wea

Bed 10

Ther THURS. MAY 9, 1912 Wea

Kate wrote that our  
house had been sold  
to Roy & Ethel.

Bed 10

Ther FRIDAY 10 Wea

Built 41 spreaders so far  
today - the best so far.  
Called on Perkins in  
evening.

Bed 10

Ther SATURDAY 11 Wea

Cooler today. 30 spreaders  
today. Bought "La Boheme"  
record and Quartette for  
Regiellets.

Bed 9.30



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Ther

TUESDAY 14

Wea

46 John Deere spreaders today.  
Strenuous work keeping  
stock coming fast enough.

Bld 9.30

The Quinsigamond Boat Club.  
Worcester.

Monday, May 27<sup>th</sup> 1912.

My dear Theo:

How very negligent I have been,  
to for at the last meeting of the Quinsigamond  
Boat Club held on April 29<sup>th</sup> you were  
elected an Honorary Member of the Q. B. C.

Ther SATURDAY 11 12:10 Wea

Cooler today. 30 spreaders  
today. Bought "La Boheme"  
record and Quartette for  
Regielletto.

Bed 9.30

Ther TUESDAY 14 11:00 Wea

46 John Deere spreaders today  
Strenuous work keeping  
stock coming fast enough.

Bed 9.30



Ther

SUN. MAY 12, 1912

Wea

Stayed around all morning  
Went to Todds to dinner.  
With him went to the  
Golf Club and played golf  
for the first time. Really  
enjoyed it. Went to R.I. club  
for dinner later | Bed 9.30

Ther

MONDAY 13

Wea

45 John Deere spreaders  
today. Nothing much  
but work. The Rock Island  
started a train to take  
men back and forth.

Bed 9.30

Ther

TUESDAY 14

Wea

46 John Deere spreaders today.  
Strenuous work keeping  
stock coming fast enough.

Bed 9.30

Ther

WED. MAY 15, 1912

Wea

44 Spreaders today.  
Decided to double our  
equipment for drilling  
transmission cases. Do not  
feel very lively these days.

Bed 9.30

Ther

THURSDAY 16

Wea

44 spreaders today. Started  
a new machine today  
for making apsons which  
works well. Mr. Todd  
came to dinner.

Bed 9.30

Ther

FRIDAY 17

Wea

Built 50 spreaders today in  
11 hours. This is the day I  
have been looking for, for  
a long time. Called on  
Helen Huntton in evening.

Bed 9.45



Ther

SAT. MAY 18, 1912

Wea

Kate came today. Was more than glad to see her.

41 spreaders today making a total of 270 this week. Hope for 300 next week. Bed 10.45

Ther

SUNDAY 19

Wea

Stayed around all morning. In afternoon Mr & Mrs Wixen came to call and took Kate & myself for a ride. Later Harry Good took Kate Miss Head & myself over to the R.I. Club for dinner. Bed 10.15

Ther

MONDAY 20

Wea

52 Today. Took Kate & Harry Good through clump in evening.

Bed 9.45

Ther TUES. MAY 21, 1912 Wea

55 today. A very hot  
day. Went to dinner  
with Kate to the Peckes  
and afterwards to the  
Minneapolis Symphony  
Orchestra.

Bed 11

Ther WEDNESDAY 22 Wea

Frank Sibloway

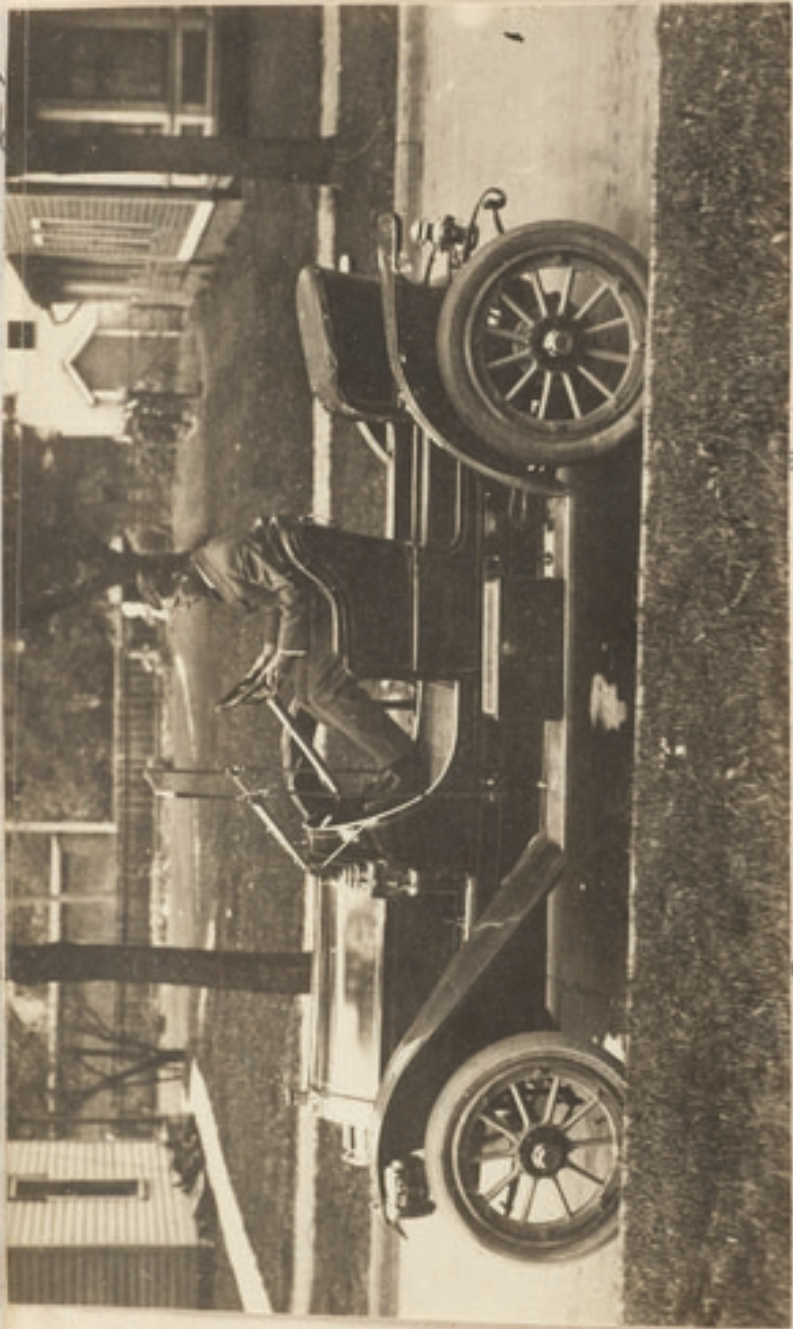
Ther THURSDAY 23 Wea



Ther

FRI. MAY 24, 1912

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ea

Ther      MON. MAY 27, 1912      Wea

55 *loda*

Ther      TUESDAY 28      Wea

Ther      WEDNESDAY 29      Wea



Ther THURS. MAY 30, 1912 Wea

Ther FRIDAY 31 Wea

Ther SATURDAY, JUNE 1 Wea

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SUN. JUNE 2, 1912

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MONDAY 3

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TUESDAY 4 1912

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THURSDAY 6

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MONDAY 10

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Ther TUES. JUNE 11, 1912 Wea

Ther WEDNESDAY 12 Wea

Ther THURSDAY 13 Wea

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FRI. JUNE 14, 1912

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SUNDAY 16

Wea



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Ther MON. JUNE 17, 1912 Wea

Ther TUESDAY 18 Wea

Ther WEDNESDAY 19 Wea

Ther THURS. JUNE 20, 1912 Wea

Ther FRIDAY 21 Wea

Ther SATURDAY 22 Wea



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SUN. JUNE 23, 1912

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MONDAY 24

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TUESDAY 25

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Ther WED. JUNE 26, 1912 Wea

Ther THURSDAY 27 Wea

Ther FRIDAY 28 Wea



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SAT. JUNE 29, 1912

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SUNDAY 30

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MONDAY, JULY 1

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Ther TUES. JULY 2, 1912 Wea

Ther WEDNESDAY 3 Wea

Ther THURSDAY 4 Wea



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FRIDAY, JULY 5, 1912

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Ther THURS. JULY 11, 1912 Wea

Ther FRIDAY 12 Wea

Ther SATURDAY 13 Wea

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SUN. JULY 14, 1912

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MONDAY 15

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TUESDAY 16

Wea

Built 100 spreaders  
for first time



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WED. JULY 17, 1912

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THURSDAY 18

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FRIDAY 19

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Ther      MON. JULY 29, 1912      Wea

Ther      TUESDAY 30      Wea

Ther      WEDNESDAY 31      Wea

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THURSDAY 8

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Ther SAT. AUG. 10, 1912 Wea

Ther SUNDAY 11 Wea

Ther MONDAY 12 Wea

Ther TUES. AUG. 13, 1912 Wea

Ther WEDNESDAY 14 Wea

Ther THURSDAY 15 Wea



Ther      FRI. AUG. 16, 1912      Wea

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Ther      SUNDAY 18      Wea

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Ther TUESDAY 20 Wea

Ther WEDNESDAY 21 Wea

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Ther FRIDAY 23 Wea

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FRI. SEPT. 6, 1912

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SATURDAY 7

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Ther THURS. SEPT. 12, 1912 Wea

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WED. SEPT. 18, 1912

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THURSDAY 19

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FRIDAY 20

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Ther TUES. SEPT. 24, 1912 Wea

Ther WEDNESDAY 25 Wea

Ther THURSDAY 26 Wea

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FRI. SEPT. 27, 1912

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SATURDAY 28

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Ther      MON. SEPT. 30, 1912      Wea

Ther      TUESDAY, OCT. 1      Wea

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Ther FRIDAY 15 Wea

Ther SATURDAY 16 Wea

Ther      SUN. NOV. 17, 1912      Wea

Ther      MONDAY 18      Wea

Ther      TUESDAY 19      Wea

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SUN. DEC. 29, 1912

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MONDAY 30

Wea

Ther

TUESDAY 31

V

MEMORANDA  
Deere & Webber  
2100 Low Downs

Jan. 17 1912

March 50

April 400

May 400

June 200

July 300

Aug. 500

Sept 150

Oct 100

Machine

1500

MALLEABLES-

Jan 22 1912

MEMORANDA

1357 S-C

- 1335 S.C. Upper Eccentric Strap
- 556 S Lever Head
- 1074 S Front Axle Collar
- 1177 S Apron Links
- 1307 S.C. Right Front Corner Bracket
- 1308 S.C. Left " " "
- 1313 S.C. Lock Arm for No 1312 S.C.
- 1314 S.C. Change of Feed Shoe
- 1315 S.C. Offset Feed Pawl Holder
- 1316 S.C. Straight " " "
- 1317 S.C. Feed Pawl
- 1330 S.C. Front Shaft Bearing
- 1331 S.C. Rear " " Right L
- 1332 S.C. " " " Left R
- 1333 S.C. Upper Eccentric Rod & Lower  
Half of Strap
- 1334 S.C. Lower " Strap Rod
- 1337 S.C. Grip Collar for Gear Axle
- 1341 S.C. Oil Can Holder
- 1342 S.C. Socket for Apron Take up
- 1343 S.C. Drive Wheel Pawl
- 1344 S.C. Right Knee Angle Bracket
- 1345 S.C. Left " " "
- 1348 S.C. Stop Pawl
- 1349 S.C. " " Bracket



Patented 1901

# MEMORANDA

Tapped for 1/2" hole

4 holes to punch

4 holes to punch

Other punch hole

2.25

1.7

.97

.42

.17

.3

.53

.3

.55

CAST IRON

1/22/12

MEMORANDA

- 1352 S.C. Ratchet Feed Lock Pawl
- 1075-S Front Axle Washer
- 1193-S.C. Spider Wheel
- 1300-S.C. Drive Gear Case
- 1301-S.C. " " " Cover
- 1302-S.C. Brace for Studs Inside Gear Case
- 1303-S.C. Internal Gear
- 1304-S.C. Step Gear
- 1305-S.C. Right Beater Head
- 1306-S.C. Left " "
- 1310 S.C. Ratchet Feed Wheel
- 1311 S.C. Internal Feed Gear
- 1312 S.C. Eccentric " "
- 1318 S.C. Right Rear Axle Bearing
- 1319 S.C. Left " " "
- 1320 S.C. Drive Wheel Ratchet
- 1321 S.C. T.H. Pawl Holder
- 1322 S.C. L.H. " "
- 1323 S.C. Eccentric for Left Beater H.
- 1324 S.C. Rear Space Block L. Bearing H.
- 1325 S.C. Front " " " "
- 1328 S.C. Apron Trollers
- 1338 S.C. Lower Troller
- 1339 S.C. Bevel Washer
- 1340 S.C. Wrench
- 1347 S.C. Washer for Take Arm

MEMORANDA

Gated Pattern

Same as Success arcade

" " Stripper bored & pin hole

Stripper & rock over

Arcade Rock over

Stripper 480. 2079

Stripper 085. 11079

Stripper & rock over 1111

Arcade rock over 10173 + 1111

Stripper 1111 1111

Stripper 1111

3-20-12

Stripper

Arcade 1358 Patched holes

Arcade 1359 Eccentric

Stripper no work for slow feed

Stripper

Stripper

Stripper no work

Stripper

Stripper

Arcade Rock over

Gated pattern

Stripper



CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
1	Breakfast Dinner etc		1 35
	2-14-12 -		
	Main Frame	575	lbs-
	Beater	684	
	Apron	230	
	Wheels	228	
Netley	Eycner	61	
	Front Rig	<u>3122</u>	
		1900	lbs

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
4-16	to K C	9 20	-
	Break.	1 00	
	Tip	25	-
	to Emporia	3 00	-
	Buss	25	-
	Dinner	50	
	Supper	50	
	Breakfast	50	
	Dinner	1 00	
	2 nights	2 50	
	Breakfast	50	
	Livery	2 25	
	Dinner	35	
	Telephone	25	
	To K. C.	2 70	-
	Hotel	50	
	Break & Dinner	2 50	
	Hotel	2 50	
	Car	30	
	To Melina	9 20	-
	Tip	25	-





















CASH ACCOUNT. MAY.

Date.		Received.	Paid.
Jan. 10	1st spreader (experimental)		
Feb 12	1st of 30 experimental		
April 6	1st of regular spreader		
April 15	10 spreaders a day		
May 17	50 "	"	"
July 16	100 "	"	"

CASH ACCOUNT. JUNE.

Date. Received. Paid.

July 10 100  
May 15 20  
April 15 10  
April 10 10  
April 5 10  
July 12 100





































SUMMARY OF CASH ACCOUNT.

	Received.		Paid.	
JAN.				
FEB.				
MAR.				
APR.				
MAY.				
JUNE.				
JULY.				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				

COUNT.

BILLS PAYABLE. JANUARY.

received.

date.

NAME.

Dolls.

Cts.

RECEIVABLE.

BILLS PAYABLE. FEBRUARY

Date.	NAME.	Dolls. C
-------	-------	----------

RECEIVABLE.



FEBRUARY

BILLS PAYABLE. MARCH

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

RECEIVABLE. MARCH

BILLS PAYABLE. APRIL.

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

RECEIVABLE.

APRIL

BILLS PAYABLE. MAY.

Date.

NAME.

Dolls.

Cts.

RECEIVABLE.



BILLS PAYABLE. JUNE.

Date.	NAME.	Dolls.
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RECEIVABLE.

JUNE.

BILLS PAYABLE. JULY.

Date. NAME. Dolls. Cts

RECEIVABLE

BILLS PAYABLE. AUGUST.

Date.	NAME.	Dolls.
-------	-------	--------

RECEIVABLE.



AUGUST.

BILLS PAYABLE.      SEPTEMBER.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

OCTOBER

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.



BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.







ADDRESSES.

NAME. Katharine Farrington  
STREET, No. 2100 Stevens Avenue  
CITY. Minneapolis  
TELEPHONE No.

NAME. Mrs Jessie Phillips McCall  
STREET, No. 503 West 121st St NYC.  
CITY.  
TELEPHONE No.

NAME.  
STREET, No.  
CITY.  
TELEPHONE No.

NAME.  
STREET, No.  
CITY.  
TELEPHONE No.

NAME.  
STREET, No.  
CITY.  
TELEPHONE No.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

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STREET, No.

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TELEPHONE No.

ADDRESSES.

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TELEPHONE No.



ADDRESSES.

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STREET, No.

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TELEPHONE No.

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STREET, No.

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ADDRESSES.

NAME.

STREET No.

CITY.

TELEPHONE No.

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STREET, No.

CITY.

TELEPHONE No

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME

STREET, No.

CITY.

TELEPHONE No.

ADDRESSES.

NAME.

*Leach*

STREET, No.

*1120*

*18th Ave*

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.



ADDRESSES.

NAME.

*W. J. ...*

STREET, No.

CITY.

TELEPHONE NO.

NAME.

STREET, No.

CITY.

TELEPHONE NO.

NAME.

STREET, No.

CITY.

TELEPHONE NO.

NAME.

STREET, No.

CITY.

TELEPHONE NO.

NAME.

STREET, No.

CITY.

TELEPHONE NO.

ADDRESSES.

NAME. *Harry Evans*

STREET, No. *320 E 11th St.*

CITY. *Davenport*

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

# Foreman's Bonus Plan

CALLS.

Ac'd.

NAME.

Returned.

Deer & Co. July 1 1910

General Foremen will receive 1%.  
Regular Foremen 10% of all savings  
created in their department.

One half cost of machinery,  
tools or equipment required to  
effect savings, full cost of increased  
material, scrap & loss from defective  
work all to be deducted before computing

Savings on general supplies  
not to be included.

Savings on material will be  
considered only in originating in department  
claiming same.

No savings to be computed  
which results in additional operations  
or increased cost of further process.

All items for which plans are  
already completed to be exempted

Savings to be computed on  
actual production for 12 mo.



FORWARD PLAN

CALLS.

Rec'd.	NAME.	Returned
--------	-------	----------

beginning at time reduced cost is effective. settlements to be made as of July 1st.

Machine tools or other equipment required are to be arranged for in regular manner through tool department.

Contractors & experimental men are not to participate in this plan.

This is a ~~plan~~ bonus to employees remaining with the Co. The right is reserved to reject any or all proposed plans for saving & no obligation is assumed by the Co. to pay or continue same.



CALLS.

Rec'd

NAME.

Returned

*[Faint handwritten notes in the left column, possibly including dates like 'July 1' and names like 'Machine']*













LETTERS.

Rec'd.

NAME.

Answered.

7-8-12  
100 on  
copy to  
100-120  
180  
190







# LUG TEST LETTERS.

Rec'd.	NAME.	Answered.
	5-7-12 <sup>Wet</sup> <del>Wet</del>	
	Wet Dry Grass	
Req.	16 32-40	
Req + plate	32 40-80	
$\frac{1}{2}$	40 60-100	
$\frac{5}{8}$	60 80-100	
$\frac{3}{4}$	couldn't stop —	

5-8-12

LOADED 1700 on rear wheel  
Dry to Medium

Req.	160-190
$\frac{1}{2}$	180
$\frac{5}{8}$	190

Success 200 lbs + empty.

LETTERS.

Rec'd.

NAME.

Answered.

try a coarser pitch  
on internal feed gear

J. H. Dixon  
Emporia

4 hairs teeth -  $\frac{1}{2}$

9 ft pole

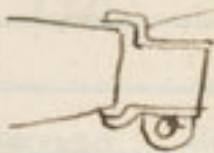
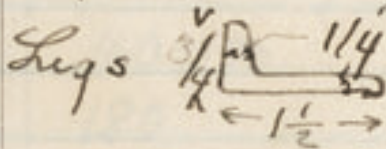
April 12

LETTERS.

Rec'd.	NAME.	Answered.
1300	- Wrench -	
1302	- eccentric cover for - - 1348 - rounder, top of 1349 - cylinder heads - - " " bars -	
1305	- " " oil holes -	
1306	1201 sc. stronger	
1528	1 note for slipper handle	

April 17 - 1912

- 54" wheels - for traction.



Gand collar  
on grip collars

lock nuts for gear stud brace

Change oil hole in gear cases

sq. ends long cone bars  
lock together



LETTERS.

Rec'd.	NAME.	Answered.
--------	-------	-----------

1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	
1891	[Faint handwriting]	

## LETTERS.

Rec'd.	NAME.	Answered
	JANUARY	9.43 P.M.
	FEBRUARY	9.53 P.M.
	MARCH	9.59 P.M.
	APRIL	9.32 P.M.

3 P.M.

53 P.M.

59 P.M.

32 P.M.

W. J. Wyatt

Belt

1 cover plate

3 links

1 stop dog.

J. Wyatt

Warrin City

1 Spg.

Bolts for wheels



