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No. 238
D. S. L. d.
1858

DESERET ALMANAC

FOR THE YEAR

1858:

THE SECOND AFTER LEAP YEAR; AND AFTER THE SIXTH OF APRIL, THE TWENTY-NINTH YEAR OF THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS:

CALCULATED FOR THE LATITUDE AND LONGITUDE OF GREAT SALT LAKE CITY.

BY W. W. PHELPS:

ECLIPSES.

There will be four eclipses in 1858: two of the Sun and two of the Moon.

- I. A partial eclipse of the Moon, Feb. 27, at 2h 37m afternoon; invisible in Utah.
- II. An annular eclipse of the Sun, March 15, at 4h 44m in the morning; invisible in Utah.
- III. A partial eclipse of the Moon, August 24. Greatest obscuration, 6h 43m. in the morning; it will begin to be visible at about 5h 30m.
- IV. A total eclipse of the Sun, September 7, 6h 47m in the morning; invisible in Utah, but may be seen in South America and the Pacific ocean.

Venus (♀) will be Evening Star from Feb. 12, to Dec. 12; then Morning Star till the end of the year.

Jupiter (♃) will be Evening Star till May 18; then Morning Star till Dec. 6; thence Evening Star again till the end of the year.

☾ The rising and setting of the Moon are given till June, after that the southing.

SIGNS OF THE ZODIAC.

<p>♈ Aries, the Ram, the head; ♉ Taurus, the Bull, the neck; ♊ Gemini, the Twins, the arms; ♋ Cancer, the Crab, the breast; ♌ Leo, the Lion, the heart; ♍ Virgo, the Virgin, the bowels;</p>		<p>♎ Libra, the Scales, the reins, ♏ Scorpio, the Scorpion, the secrets; ♐ Sagittarius, the Archer, the thigh; ♑ Capricornus, the Goat, the knees, ♒ Aquarius, the Waterman, the legs; ♓ Pisces, the Fishes, the Feet.</p>
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WASTE AND EXTRAVAGANCE!

If a family waste one ounce of flour per day, they waste yearly 22 pounds 13 ounces.
 At this rate 20,000 families waste daily 1,250 pounds,
 and yearly, 450,000 do;
 which, at six cents per pound, is \$27,000.

If a family wastes crumbs and other refuse matter from the kitchen, sufficient to fatten one hog of 200 pounds in a year: (at 15 cents a pound) \$30 is wasted.

With 20,000 families, at the same ratio of a hog a piece, wasted for want of economy from the kitchen, only \$600,000 is lost.

If a man chews six dollars worth of tobacco a year, 20,000 men will chew the no small sum of \$120,000 worth in the same time.

If a man is idle one third of his working days in a year, he has lost, at \$1,50 per day, allowing 300 working days, \$150.

20,000 at this rate lose \$3,000,000, only three millions!

If one man drinks a pint of liquor per week, at a dollar a pint, \$52 go yearly;
 at which rate 20,000 use \$1,040,000 worth.

If a woman spins street yarn, one third of a year, (100 days) at 50 cents a day, she throws away \$50, and 20,000 at this rate throw away \$1,000,000; long yarn!

If one family use a pound of tea per month, at \$2 per lb., 20,000 will drink \$480,000 worth.

If a nippy pays ten dollars for flounces and extra tucks and tucks a year, for dresses, in order to attract attention by wrinkles, \$200,000 is the pretty fashionable sum for 20,000 families!

Ribbons, artificials, parasols and extra tucks, ditto, do., \$200,000.

If she neglects to manufacture five hats or bonnets from straw, worth about one dollar a piece, there are \$5 lost, and with 20,000 families \$100,000.

If a woman fails to manufacture from our Mountain Sulphur, her own matches, and also tinder, for firing, when she by so doing could save \$2 per year, 20,000 families lose \$40,000 at the same rate.

But to cut a great matter short, the grand total of all this waste and extravagance, among the 20,000 families is six millions, eight hundred and seven thousand dollars! The mere tithing of which, in five years, would build a Temple worth more than three millions! Verily waste and extravagance among Saints, costs more than sickness and grasshoppers. See that nothing is lost. Mormonism is the honey of human happiness.

How much does Deseret lack of 20,000 families? and how long before the number will swell to 40,000? Then with the waste and extravagance of the world, she could waste millions and let millions suffer.

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January has 31 days.

D. H. M.		D. H. M.		D. H. M.	
Last qr. 6 5 13 a.		First qr. 22 9 29 m.		Full Moon, 29 1 43 m.	
New Moon 14 10 4 m.		Full Moon, 29 1 43 m.		Full Moon, 29 1 43 m.	
D.	SUN	SUN	SUN	SUN	SUN
rises.	sets.	rises.	sets.	rises.	sets.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Fri. 17 27 4 41	5	17 13 5 16	10	17 13 5 16	10
Sat. 27 27 4 42	6	17 12 5 17	10	17 12 5 17	10
S 37 27 4 43	6	17 11 5 18	8 9	17 11 5 18	8 9
Mo. 47 27 4 44	6	17 10 5 20	11 0	17 10 5 20	11 0
Tu. 57 26 4 45	10	17 9 5 21	morn	17 9 5 21	morn
Th. 67 26 4 46	10	17 8 5 22	1 1	17 8 5 22	1 1
Th. 77 26 4 47	11 38	17 7 5 23	1 1	17 7 5 23	1 1
Fri. 87 26 4 48	morn	17 6 5 24	2 9	17 6 5 24	2 9
Sat. 97 26 4 49	22	17 5 5 25	3 12	17 5 5 25	3 12
S 107 25 4 50	11	17 4 5 26	4 15	17 4 5 26	4 15
Mo. 117 25 4 51	11	17 3 5 27	4 15	17 3 5 27	4 15
Tu. 127 25 4 52	3 20	17 2 5 28	5 13	17 2 5 28	5 13
Th. 137 25 4 53	4 22	17 1 5 29	6 10	17 1 5 29	6 10
Fri. 147 24 4 54	5 11	17 0 5 30	sets	17 0 5 30	sets
Sat. 157 24 4 55	6 17	16 58 5 31	6 21	16 58 5 31	6 21
S 167 24 4 56	7 23	16 56 5 32	7 14	16 56 5 32	7 14
Mo. 177 23 4 57	8 32	16 55 5 33	8 30	16 55 5 33	8 30
Tu. 187 23 4 58	9 29	16 54 5 34	9 40	16 54 5 34	9 40
Th. 197 22 4 59	10 38	16 52 5 37	10 50	16 52 5 37	10 50
Th. 207 22 5 0	11 48	16 51 5 39	11 50	16 51 5 39	11 50
Fri. 217 21 5 1	morn	16 50 5 40	morn	16 50 5 40	morn
Sat. 227 20 5 3	0	16 48 5 41	33	16 48 5 41	33
S 237 19 5 3	0	16 47 5 43	1 97	16 47 5 43	1 97
Mo. 247 19 5 4	3 20	16 45 5 44	2 8	16 45 5 44	2 8
Tu. 257 18 5 5	8	16 44 5 45	3 10	16 44 5 45	3 10
Th. 267 17 5 6	8	16 42 5 46	5 20	16 42 5 46	5 20
Th. 277 16 5 7	6 21	16 41 5 47	6 10	16 41 5 47	6 10
Fri. 287 15 5 9	5 11	16 39 5 48	rises	16 39 5 48	rises
Sat. 297 14 5 10	5 11	16 38 5 49	7 1	16 38 5 49	7 1
S 317 14 5 11	6 27	Day 10 hours long.			

Aspects, &c.
 12 New Year.
 Taurus s 9h 28m
 O. Hyde b. 1805.
 Orion s 8h 2m.
 ♄ ♀ 10h a
 B. Franklin b. 1705.
 ♄ ♀ 12h a.
 ♄ ♀ 8h a.
 ♄ ♀ 4h a.
 ♄ sets 12h 46m.
 Day 10 hours long.

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February has 28 days.

D. H. M.		D. H. M.		D. H. M.	
Last qr. 5 1 43 a.		First qr. 20 5 30 a.		Full Moon, 27 2 37 a.	
New Moon, 13 2 44 a.		Full Moon, 27 2 37 a.		Full Moon, 27 2 37 a.	
D.	SUN	SUN	SUN	SUN	SUN
rises.	sets.	rises.	sets.	rises.	sets.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Mo. 17 13 5 16	10	17 10 5 16	10	17 10 5 16	10
Tu. 27 12 5 17	10	17 9 5 17	8 9	17 9 5 17	8 9
Th. 37 11 5 18	8 51	17 8 5 18	8 51	17 8 5 18	8 51
Th. 47 10 5 20	11 0	17 7 5 20	morn	17 7 5 20	morn
Fri. 57 9 5 21	1 1	17 6 5 21	3	17 6 5 21	3
Sat. 67 8 5 22	1 1	17 5 5 22	3	17 5 5 22	3
S 77 7 5 23	1 1	17 4 5 23	3	17 4 5 23	3
Mo. 87 6 5 24	2 9	17 3 5 24	3 12	17 3 5 24	3 12
Tu. 97 5 5 25	3 12	17 2 5 25	4 15	17 2 5 25	4 15
Th. 107 4 5 26	4 15	17 1 5 26	5 13	17 1 5 26	5 13
Th. 117 3 5 27	4 15	17 0 5 27	6 10	17 0 5 27	6 10
W. 127 2 5 28	5 13	16 59 5 30	sets	16 59 5 30	sets
Fri. 137 1 5 29	6 10	16 58 5 31	6 21	16 58 5 31	6 21
Sat. 147 0 5 30	7 14	16 56 5 32	7 14	16 56 5 32	7 14
S 156 58 5 31	8 30	16 55 5 33	8 30	16 55 5 33	8 30
Mo. 166 55 5 33	9 40	16 54 5 34	9 40	16 54 5 34	9 40
Tu. 176 54 5 34	10 50	16 52 5 37	10 50	16 52 5 37	10 50
Th. 186 52 5 37	11 50	16 51 5 39	11 50	16 51 5 39	11 50
Th. 196 51 5 39	1 0	16 50 5 40	morn	16 50 5 40	morn
Fri. 206 50 5 40	33	16 48 5 41	33	16 48 5 41	33
Sat. 216 48 5 41	1 97	16 47 5 43	1 97	16 47 5 43	1 97
S 226 47 5 43	2 8	16 45 5 44	2 8	16 45 5 44	2 8
Mo. 236 45 5 44	3 10	16 44 5 45	3 10	16 44 5 45	3 10
Tu. 246 44 5 45	5 20	16 42 5 46	5 20	16 42 5 46	5 20
Th. 256 42 5 46	6 10	16 41 5 47	6 10	16 41 5 47	6 10
Th. 266 41 5 47	7 1	16 39 5 48	rises	16 39 5 48	rises
Fri. 276 39 5 48	7 1	16 38 5 49	7 1	16 38 5 49	7 1
Sat. 286 38 5 49					
S 296 38 5 49					

Aspects, &c.
 Purification of Mary
 ♄ sets 12 h.
 Hyrum Smith b. 1800.
 7* s 6h.
 Valentine. ♄ ♀ 3h a.
 Joseph's Vision, 1832.
 W. W. Phelps b. 1792.
 ♄ ♀ 2h a.
 Washington b. 1732. E.
 T. Benson b. 1811.
 ♄ ♀ 4h a.
 ♄ sets 11h 5m.
 Des. Univ'y char'd, 1850.

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March has 31 days.

D. H. M.		D. H. M.		D. H. M.	
Last qr. 7 10 42 m.		First qr. 22 0 14 m.		Full Moon, 29 4 39 m.	
New Moon 15 4 44 m.		Full Moon, 29 4 39 m.		Full Moon, 29 4 39 m.	
D.	SUN	SUN	SUN	SUN	SUN
rises.	sets.	rises.	sets.	rises.	sets.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Mo. 16 36 9 50	10	16 33 9 50	10	16 33 9 50	10
Tu. 26 35 5 51	9 40	16 32 9 51	9 40	16 32 9 51	9 40
W. 36 33 5 52	9 40	16 31 9 51	9 40	16 31 9 51	9 40
Th. 46 32 5 53	10 35	16 30 5 54	11 20	16 30 5 54	11 20
Fri. 56 30 5 54	11 20	16 29 5 55	11 50	16 29 5 55	11 50
Sat. 66 29 5 55	11 50	16 27 5 56	morn	16 27 5 56	morn
S 76 27 5 56	13	16 26 5 57	1 14	16 26 5 57	1 14
Mo. 86 25 5 57	1 14	16 25 5 58	2 17	16 25 5 58	2 17
Tu. 96 24 5 58	2 17	16 24 5 59	3 20	16 24 5 59	3 20
Th. 106 22 5 6	3 20	16 23 5 60	4 30	16 23 5 60	4 30
Th. 116 20 5 1	4 30	16 22 5 61	5 35	16 22 5 61	5 35
Fri. 126 19 5 2	5 35	16 21 5 62	6 33	16 21 5 62	6 33
Sat. 136 17 5 3	6 33	16 20 5 63	sets	16 20 5 63	sets
S 146 16 5 4	7 21	16 19 5 64	7 21	16 19 5 64	7 21
Mo. 156 14 5 5	8 38	16 18 5 65	8 38	16 18 5 65	8 38
Tu. 166 12 5 6	9 53	16 17 5 66	9 53	16 17 5 66	9 53
Th. 176 11 5 7	11 14	16 16 5 67	11 14	16 16 5 67	11 14
Fri. 186 9 5 8	11 54	16 15 5 68	morn	16 15 5 68	morn
Th. 196 7 5 9	1 20	16 14 5 69	1 20	16 14 5 69	1 20
Fri. 206 6 5 10	2 18	16 13 5 70	2 18	16 13 5 70	2 18
Sat. 216 4 5 11	3 15	16 12 5 71	3 15	16 12 5 71	3 15
S 226 4 5 11	4 10	16 11 5 72	4 10	16 11 5 72	4 10
Mo. 236 2 5 12	5 10	16 10 5 73	5 10	16 10 5 73	5 10
Tu. 246 1 5 13	6 18	16 9 5 74	6 18	16 9 5 74	6 18
Th. 256 0 5 14	7 18	16 8 5 75	7 18	16 8 5 75	7 18
Th. 266 0 5 15	8 22	16 7 5 76	8 22	16 7 5 76	8 22
Fri. 276 0 5 16	9 22	16 6 5 77	9 22	16 6 5 77	9 22
Sat. 286 0 5 17	10 15	16 5 5 78	10 15	16 5 5 78	10 15
S 296 0 5 18	11 11	16 4 5 79	11 11	16 4 5 79	11 11
Mo. 306 0 5 19	12 11	16 3 5 80	12 11	16 3 5 80	12 11
Tu. 316 0 5 20	1 11	16 2 5 81	1 11	16 2 5 81	1 11
Th. 326 0 5 21	2 11	16 1 5 82	2 11	16 1 5 82	2 11
Th. 336 0 5 22	3 11	16 0 5 83	3 11	16 0 5 83	3 11
Fri. 346 0 5 23	4 11	15 59 5 84	4 11	15 59 5 84	4 11
Sat. 356 0 5 24	5 11	15 58 5 85	5 11	15 58 5 85	5 11
S 366 0 5 25	6 11	15 57 5 86	6 11	15 57 5 86	6 11

Aspects, &c.
 W. Woodruff b. 1807.
 Dog Star s. 9h 56m.
 Boston Massacre, 1775.
 ♄ sets 10h 33m
 ♃ south 8h 20m.
 Leo south 10h
 ♄ ♀ 2h a.
 St. Patrick's day.
 ♄ ♀ 9h.
 Sun crosses the line 9h a.
 ♄ sets 9h 44m
 D. C. Smith b. 1816.
 Kirtland Tcm. ded. 1836.
 A. Lyman b. 1813

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April has 30 days.

D. H. M. D. H. M.
 D Last qr. 6 6 15 m. (First qr. 20 6 58 m.)
 New Moon 13 3 47 a. (Full Moon 27 7 27 a.)

SUN	SUN	MOON	ASPECTS, &c.
rises sets.	rises sets.	rises sets.	
h. m.	h. m.	h. m.	
Th. 1 5 46 23	9 15	9 15	
Fri. 2 5 44 24	9 57	9 57	F. D. Richards b. 1821.
Sat. 3 5 43 25	10 50	10 50	Slow o'clock 3.
Mo. 4 5 41 26	11 40	11 40	
Tu. 5 40 27	12 0	12 0	
Th. 6 38 28	morn	morn	[1830] Ch. of L. D. B. Oct 6
W. 7 5 36 29	1 0	1 0	
Th. 8 5 34 30	2 3	2 3	
Fri. 9 5 33 31	3 7	3 7	7 1/2 sets 9h 4m.
Sat. 10 5 31 32	4 10	4 10	
S. 11 5 30 33	5 11	5 11	
Mo. 12 5 28 34	6 13	6 13	P. P. Pratt b. 1807.
Tu. 13 5 27 35	sets	sets	Slow o'clock 1.
Th. 14 5 25 36	7 23	7 23	1/2 sets 2 a.
Th. 15 5 23 37	8 50	8 50	
Fri. 16 5 22 38	10 13	10 13	L. Franklin d. 1780.
Sat. 17 5 20 39	11 30	11 30	
S. 18 5 19 40	11 59	11 59	Dat. of Lexington 1775.
Mo. 19 5 17 41	morn	morn	
Tu. 20 5 16 42	55	55	
Th. 21 5 14 43	1 40	1 40	Fast o'clock 2.
Th. 22 5 13 45	2 30	2 30	Virgo 8. 7h.
Fri. 23 5 12 46	3 35	3 35	
Sat. 24 5 10 47	4 20	4 20	
S. 25 5 9 48	5 19	5 19	h s. 7h 17m.
Mo. 26 5 7 49	6 20	6 20	
Tu. 27 5 6 50	rises	rises	
Th. 28 5 5 51	7 5	7 5	Pres't 1789.
Th. 29 5 3 52	8 10	8 10	Washington sworn first
Fri. 30 5 2 53	8 50	8 50	Fast o'clock 3.

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May has 31 days.

D. H. M. D. H. M.
 D East qr. 5 11 11 a. (First qr. 19 2 51 a.)
 New Moon 13 0 19 m. (Full Moon 27 10 36 m.)

SUN	SUN	MOON	ASPECTS, &c.
rises sets.	rises sets.	rises sets.	
h. m.	h. m.	h. m.	
Th. 1 5 16 54	9 50	9 50	1/2 sets 7h 46m.
Fri. 2 4 63 6 56	10 40	10 40	Fast o'clock 3m.
Sat. 3 4 68 6 57	11 30	11 30	
Mo. 4 4 67 6 57	morn	morn	
Tu. 5 4 66 6 58	10	10	
Th. 6 4 65 6 59	1 7	1 7	
Fri. 7 4 63 7 0	2 7	2 7	
Sat. 8 4 62 7 1	3 8	3 8	Buonaparte d. 1821.
Mo. 9 4 61 7 2	4 10	4 10	
Tu. 10 4 60 7 3	5 5	5 5	
Th. 11 4 59 7 4	6 55	6 55	
Th. 12 4 57 7 5	sets	sets	1/2 sets 11h 28m.
Fri. 13 4 56 7 6	8 40	8 40	
Sat. 14 4 55 7 7	9 30	9 30	
S. 15 4 54 7 8	10 20	10 20	
Mo. 16 4 53 7 9	11 10	11 10	
Tu. 17 4 52 7 10	11 55	11 55	
Th. 18 4 51 7 11	morn	morn	Virgo 8h 48m.
Th. 19 4 50 7 12	1 57	1 57	
Fri. 20 4 49 7 13	1 46	1 46	
Sat. 21 4 48 7 14	2 30	2 30	
S. 22 4 47 7 15	3 19	3 19	Fast o'clock 4m.
Mo. 23 4 46 7 16	4 1	4 1	Queen Victoria b. 1819.
Tu. 24 4 45 7 17	4 55	4 55	
Th. 25 4 44 7 18	5 40	5 40	
Th. 26 4 43 7 19	rises	rises	
Fri. 27 4 42 7 20	6 30	6 30	Noah Webster d. 1843.
Sat. 28 4 41 7 21	7 9	7 9	
S. 29 4 40 7 22	8 10	8 10	
Mo. 30 4 39 7 23	9 5	9 5	
Th. 31 4 38 7 24	10 55	10 55	Fast o'clock 3m.

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June has 30 days.

D. H. M. D. H. M.
 D st qr. 4 0 1/2 m. (First qr. 18 0 46 m.)
 New Moon 11 7 18 m. (Full Moon 26 1 45 m.)

SUN	SUN	MOON	ASPECTS, &c.
rises sets.	rises sets.	rises sets.	
h. m.	h. m.	h. m.	
Th. 1 4 33 7 22	11 30	11 30	Brig. a. m Young b. 1801.
Th. 2 4 33 7 23	11 55	11 55	
Th. 3 4 32 7 24	morn	morn	
Fri. 4 4 32 7 24	40	40	1/2 sets 10m.
Sat. 5 4 32 7 25	1 30	1 30	
S. 6 4 31 7 26	2 20	2 20	
Mo. 7 4 31 7 26	3 41	3 41	Gen. Jackson d. 1845.
Tu. 8 4 31 7 27	4 20	4 20	
Th. 9 4 30 7 27	5 19	5 19	1/2 sets 9h 41m.
Th. 10 4 30 7 28	sets	sets	
Sat. 11 4 30 7 28	8 7	8 7	
S. 12 4 30 7 29	9 9	9 9	
Mo. 13 4 30 7 30	9 55	9 55	H. G. Kimball b. 1801.
Tu. 14 4 30 7 30	10 3	10 3	Slow o'clock 0.
Th. 15 4 30 7 30	10 55	10 55	Great Eclipse 1806.
Th. 16 4 30 7 31	11 40	11 40	Dat. of Bunkerhill 1775
Sat. 17 4 30 7 31	morn	morn	
S. 18 4 30 7 32	1 20	1 20	1/2 sets 9h 20m.
Mo. 19 4 30 7 32	2 15	2 15	
Tu. 20 4 30 7 32	3 7	3 7	Longest Day.
Th. 21 4 30 7 32	3 55	3 55	
Th. 22 4 30 7 33	4 20	4 20	W. Richards b. 1804.
Fri. 23 4 30 7 33	4 55	4 55	
Sat. 24 4 30 7 33	5 40	5 40	
S. 25 4 30 7 33	6 30	6 30	
Mo. 26 4 30 7 33	7 15	7 15	Geo. A. Smith b. 1817.
Tu. 27 4 30 7 33	8 20	8 20	J. & L. Smith m. 1844
Th. 28 4 30 7 33	9 15	9 15	
Th. 29 4 30 7 33	10 7	10 7	
W. 30 4 30 7 33	11 50	11 50	Farthest from sun.

1858.] July has 31 days.

D. H. M. D. H. M.
 Last qr. 3 11 15 m. Full moon 17 1 10 a.
 New moon 10 1 56 a. Full moon 25 4 34 a.

D.	SUN		MOON		Aspects, &c.
	rises	sets	rises	sets	
h.	m.	h. m.	h. m.	h. m.	
Th.	14	34 7	3	55	
Fr.	1	4 35 7	4	45	☽ sets 9: 29 m.
Sat.	3	4 37 32	5	20	☽ Slow o'clock 4 m.
Mo.	5	4 36 7	6	4	Old Independence.
Mo.	5	4 36 7	6	52	
Tu.	6	4 47 32	8	44	
Th.	7	4 37 31	8	46	☽ ☽ 7
Th.	8	4 28 7	9	46	Arcturus s 7h 4 m.
Fr.	9	4 30 7	10	53	
Sat.	10	4 29 7	12	1	
Mo.	11	4 40 7	30	5	J. Smith, sen., b. 1772
Mo.	12	4 41 7	29	2	
Tu.	13	4 41 7	29	2	
Th.	14	4 42 7	28	3	☽ sets 9h 17 m.
Th.	15	4 43 7	28	4	
Fr.	16	4 44 7	27	5	
Sat.	17	4 45 7	25	5	☽ Slow o'clock 6 m.
Mo.	18	4 46 7	25	6	☽ sets 9h 9 m.
Mo.	29	4 46 7	25	7	
W.	20	4 47 7	24	8	Day 14h 36m long.
W.	21	4 48 7	24	8	
Th.	22	4 49 7	23	9	
Fr.	23	4 49 7	22	10	
Sat.	24	4 50 7	21	11	Deseret began 1847.
Mo.	25	4 51 7	21	12	Moon Eclipsed.
Mo.	25	4 52 7	20	94	
Th.	27	4 53 7	19	1	
Th.	28	4 54 7	18	1	☽ Slow o'clock 5 m.
W.	28	4 55 7	17	2	☽ sets 9h 17 m.
Fr.	30	4 56 7	16	3	Jerusalem rebuilt 130.
Sat.	31	4 57 7	15	4	

1858.] August has 31 days.

D. H. M. D. H. M.
 Last qr. 2 6 53 m. Full moon 16 4 14 m.
 New moon 8 9 26 a. Full moon 24 6 43 m.

D.	SUN		MOON		Aspects, &c.
	rises	sets	rises	sets	
h.	m.	h. m.	h. m.	h. m.	
S.	14	59 7	13	47	
Mo.	5	7 13	9	37	
Mo.	5	7 16	8	31	☽ Temple lot in Zion ucd.
W.	4	5 27	9	8	☽ ☽ 7 7 a.
Th.	5	5 37	8	35	
Th.	6	5 47	7	41	
Sat.	7	5 57	6	45	D. C. Smith d. 1831.
Mo.	8	5 67	5	5	
Mo.	9	5 77	4	12	
W.	10	5 87	3	18	☽ sets 8: 24 m.
Th.	11	5 97	2	24	☽ Slow o'clock 5 m.
Th.	12	5 10	1	3	☽ visible after sun set for seven days.
Fr.	13	5 11	6	4	
Sat.	14	5 12	6	5	
Mo.	15	5 13	5	6	☽ sets 9h 13 m.
Mo.	16	5 14	5	6	
Tu.	17	5 15	5	6	
Th.	18	5 16	5	7	☽ in ☽
Th.	19	5 17	5	8	☽
Fr.	20	5 18	4	9	
Sat.	21	5 19	4	10	
Mo.	22	5 20	4	11	
Mo.	23	5 21	4	11	
Tu.	24	5 22	4	11	
Th.	25	5 23	4	11	
Th.	26	5 24	4	11	
Fr.	27	5 25	4	11	
Sat.	28	5 26	4	11	
Mo.	29	5 27	4	11	
Mo.	30	5 27	4	11	
Tu.	31	5 27	4	11	

1858.] September has 30 days.

D. H. M. D. H. M.
 New Moon 7 6 47 m. Full Moon 23 7 52 a.
 Last qr. 14 9 8 a. Last qr. 29 6 24 a.

D.	SUN		MOON		Aspects, &c.
	rises	sets	rises	sets	
h.	m.	h. m.	h. m.	h. m.	
S.	1	5 29	6	25	
Mo.	2	5 30	6	24	☽ sets 8h 2m
Mo.	3	5 31	6	23	
W.	4	5 32	6	23	
Th.	5	5 33	6	23	
Th.	6	5 34	6	22	☽ Fast o'clock 2 m.
Fr.	7	5 35	6	21	Pilgrims sailed for America 1620.
Sat.	8	5 36	6	20	☽ ☽ 2h a.
Mo.	9	5 37	6	19	
Mo.	10	5 38	6	18	
W.	11	5 39	6	18	☽ sets 8h.
Th.	12	5 40	6	17	
Th.	13	5 41	6	17	
Fr.	14	5 42	6	16	Prophet Dan'l B. C. 603
Sat.	15	5 43	6	16	
Mo.	16	5 44	6	15	
Mo.	17	5 45	6	15	☽ Fast o'clock 7 m.
W.	18	5 46	6	14	Orson Pratt b. 1811.
Th.	19	5 47	6	14	
Th.	20	5 48	6	13	
Fr.	21	5 49	6	13	
Sat.	22	5 50	6	12	
Mo.	23	5 51	6	12	
Mo.	24	5 52	6	11	
W.	25	5 53	6	11	
Th.	26	5 54	6	11	
Th.	27	5 55	6	10	
Fr.	28	5 56	6	10	
Sat.	29	5 57	6	10	
Mo.	30	5 58	6	9	

Nephis's Record obtained 1837.
 ☽ sets 7h 37 m.
 ☽ ☽ 2h a.
 British Look Phil's a 1777.
 Save all you've raised.

1858.] October has 31 days.

D. H. M.		D. H. M.		D. H. M.	
New Moon 6 6 39m. Full Moon 22 7 50 a.		New Moon 13 1 14 a. Full Moon 20 6 56 a.		New Moon 5 3 2 m. Full Moon 20 5 33 m.	
First q. 14 9 13 a. Last q. 29 5 24 a.		First q. 13 1 14 a. Last q. 27 10 7 m.		First q. 13 8 0 m. Last q. 26 10 10 a.	
D.	SUN	SUN	SUN	SUN	SUN
W.	rises	rises	rises	rises	rises
M.	s. ts.	s. ts.	s. ts.	s. ts.	s. ts.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Aspects, &c.		Aspects, &c.		Aspects, &c.	
Fr.	15 59 5	39 57	8 20	Fast o'clock 10m.	
Sat.	25 05 38	10 03	9 11	Major Andre ex'd 1780.	
Mo.	3 15 36	10 0	10 0		
Mo.	4 6 25	35 10	10 47		
Tu.	5 6 45	33 10	11 30	♀ sets 7h 19m.	
W.	6 6 45	31 10	12 17		
Th.	7 8 55	30 1	1 3		
Fr.	8 6 65	28 1	1 49	♀ sets 7h 15m.	
Sat.	9 6 75	27 11	3 30	♂ ♀ 6h a.	
Mo.	10 5 95	25 11	4 21	♂ lowest south.	
Mo.	11 5 95	23 11	5 19	Fast o'clock.	
Tu.	12 6 105	22 7	6 00	Napoleon sent to Hele-	
W.	13 6 115	20 7	6 51	na 1815.	
Th.	14 6 125	19 7	7 37		
Fr.	15 6 135	17 7	8 22	♀ sets 7h 6m.	
Sat.	16 6 155	16 7	9 5		
Mo.	17 6 165	14 7	10 34		
Tu.	18 6 185	13 7	10 34		
W.	20 6 195	10 7	11 21		
Th.	21 6 205	8 7	morn	♀ sets 7h.	
Fr.	22 6 215	7 7	13		
Sat.	23 6 225	6 7	1 9	Fast o'clock 16m.	
Mo.	24 6 245	4 7	3 13	D. W. Patton mar'd 1838	
Mo.	25 6 255	3 8	4 17	D high north.	
Tu.	26 6 265	1 8	5 17		
W.	27 6 275	0 8	6 17		
Th.	28 6 285	0 8	7 8		
Fr.	29 6 295	58 7	7 57		
Sat.	30 6 305	56 7	8 41	Boggs took F. West 1838	
S.	31 6 315	56 7			

1858.] November has 30 days.

D. H. M.		D. H. M.		D. H. M.	
New Moon 13 1 14 a. Full Moon 20 6 56 a.		New Moon 5 9 20 m. Full Moon 20 6 56 a.		New Moon 5 3 2 m. Full Moon 20 5 33 m.	
First q. 13 1 14 a. Last q. 27 10 7 m.		First q. 13 1 14 a. Last q. 27 10 7 m.		First q. 13 8 0 m. Last q. 26 10 10 a.	
D.	SUN	SUN	SUN	SUN	SUN
W.	rises	rises	rises	rises	rises
M.	s. ts.	s. ts.	s. ts.	s. ts.	s. ts.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Aspects, &c.		Aspects, &c.		Aspects, &c.	
Mo.	1 6 32	4 53	10 9	John Taylor b. 1808.	
Tu.	2 6 33	4 54	10 11	Fast o'clock 16m.	
W.	3 6 34	4 53	10 47	♀ sets 6h 52m.	
Th.	4 6 35	4 52	11 41		
Fr.	5 6 37	4 50	12 26	♂ ♀ 9h a.	
Sat.	6 6 38	4 49	1 9		
Mo.	7 6 39	4 48	2 13		
Mo.	8 6 40	4 47	3 5	♂ ♀ 6h a.	
Tu.	9 6 41	4 46	3 57	E. Show b. 1818.	
W.	10 6 43	4 45	4 42		
Th.	11 6 44	4 44	5 29	♂ ♂ 4h a.	
Fr.	12 6 45	4 43	6 15		
Sat.	13 6 46	4 42	6 57	♂ Δ ♀	
Mo.	14 6 47	4 41	7 40		
Mo.	15 6 49	4 41	8 25	Fomalhaut s 7h.	
Tu.	16 6 49	4 40	9 8		
W.	17 6 51	4 39	9 57	Fast o'clock 15m.	
Th.	18 6 52	4 38	10 52	155,000 Assyrians slain	
Fr.	19 6 53	4 37	11 52	710 B. C.	
Sat.	20 6 55	4 37	morn		
Mo.	21 6 56	4 36	53		
Mo.	22 6 57	4 35	1 0	♂ ♀ 6h a.	
Tu.	23 6 57	4 35	2 5	Andromeda s 9h.	
W.	24 6 58	4 34	3 5		
Th.	25 6 59	4 34	4 9	Ten tribes went away	
Fr.	26 6 59	4 33	5 6	B. C. 720.	
Sat.	27 6 7	4 32	6 10		
Mo.	28 6 7	4 32	7 25		
Mo.	29 6 7	4 32	8 10	Fast o'clock 11m.	
Tu.	30 6 7	4 31	9 35	Days 9h 25m long.	
W.	31 6 7	4 31	10 10		

1858.] December has 31 days.

D. H. M.		D. H. M.		D. H. M.	
New Moon 5 3 2 m. Full Moon 20 5 33 m.		New Moon 5 9 20 m. Full Moon 20 6 56 a.		New Moon 5 3 2 m. Full Moon 20 5 33 m.	
First q. 13 8 0 m. Last q. 26 10 10 a.		First q. 13 1 14 a. Last q. 27 10 7 m.		First q. 13 8 0 m. Last q. 26 10 10 a.	
D.	SUN	SUN	SUN	SUN	SUN
W.	rises	rises	rises	rises	rises
M.	s. ts.	s. ts.	s. ts.	s. ts.	s. ts.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Aspects, &c.		Aspects, &c.		Aspects, &c.	
W.	1 7	4 31	10 3	♂ rises 6h.	
Th.	2 7 84	31 10	10 51		
Fr.	3 7 94	31 11	11 47		
Sat.	4 7 104	31 11	morn	Fast o'clock 10m.	
Mo.	5 7 114	31 7	23	♂ ♀	
Mo.	6 7 124	31 7	1 0		
Tu.	7 7 134	30 7	1 50		
W.	8 7 144	30 7	2 40		
Th.	9 7 154	30 7	2 27	Jacob went to Egypt B.	
Fr.	10 7 154	31	4 10	C. 1795.	
Sat.	11 7 164	31	4 52	♂ rises 5h 16m.	
Mo.	12 7 174	31	5 41		
Mo.	13 7 184	31	6 15		
Tu.	14 7 194	31	6 53	Washington d. 1799.	
W.	15 7 204	31	7 45	Fast o'clock 5m.	
Th.	16 7 214	32	8 35	♂ ♀ 17-46'	
Fr.	17 7 214	32	9 39		
Sat.	18 7 234	32	10 33		
Mo.	19 7 234	33	11 40	♂ ♀ 11h.	
Mo.	20 7 234	33	morn	Baal's prophet slain B.	
Tu.	21 7 244	34	1 47	C. 607.	
W.	22 7 244	34	1 51		
Th.	23 7 254	35	2 51	Joseph the Seer b. 1805.	
Fr.	24 7 254	35	3 47		
Sat.	25 7 254	36	4 37	Christmas.	
Mo.	26 7 264	37	5 13		
Mo.	27 7 264	37	6 7		
Tu.	28 7 264	38	6 51	7* s 8h.	
W.	29 7 264	39	7 37		
Th.	30 7 264	40	8 23		
Fr.	31 7 274	40	9 13	Cancel all debts.	

TABLE I.--DOMINICAL LETTERS.

From 0 to the year 2000, A. D.
Twenty Centuries.--New Style.

Centuries.

Odd years less than a Hundred

NOTE.—Where the lines from the centuries and the odd years meet, is the Letter.

0	*	*	*
1	29	57	85
2	30	58	86
3	31	59	87
4	32	60	88
5	33	61	89
6	34	62	90
7	35	63	91
8	36	64	92
9	37	65	93
10	38	66	94
11	39	67	95
12	40	68	96
13	41	69	97
14	42	70	98
15	43	71	99
16	44	72	*
17	45	73	*
18	46	74	*
19	47	75	*
20	48	76	*
21	49	77	*
22	50	78	*
23	51	79	*
24	52	80	*
25	53	81	*
26	54	82	*
27	55	83	*
28	56	84	*

100	200	300	400
500	600	700	800
900	1000	1100	1200
1300	1400	1500	1600
1700	1800	1900	2000

C	E	G	BA
B	D	F	G
A	C	E	F
G	B	D	E
FE	AG	CB	DC
D	F	A	B
C	E	G	A
B	D	F	G
AG	CB	ED	FE
F	A	C	D
E	G	B	C
D	F	A	B
CB	ED	GF	AG
A	C	E	F
G	B	D	E
F	A	C	D
ED	GF	BA	CB
C	E	G	A
B	D	F	G
A	C	E	F
GF	BA	DC	ED
E	G	B	C
D	F	A	B
C	E	G	A
BA	DC	FE	GF
G	B	D	E
F	A	C	D
E	G	B	C
DC	FE	AG	BA

TABLE II.—To find the day of the Week answering to a given day of the month, forever.

MONTHS.		
January.	October.	*
February,	March,	November.
April.	July.	*
May.	*	*
June.	*	*
August.	*	*
September.	December.	*

DOMINICAL LETTERS.						
A	B	C	D	E	F	G
D	E	F	G	A	B	C
G	A	B	C	D	E	F
B	C	D	E	F	G	A
E	F	G	A	B	C	D
C	D	E	F	G	A	B
F	G	A	B	C	D	E

For Rules to the Dominical Tables, see next page.

MONTH DAYS.						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	*	*	*	*

Rule and Examples to Dominical Tables.

RULE.—Find the Dominical Letter for the given year against the given month; and the figures below the letter thus found are the Sundays of that month, from the nearest of which to the given day, count backward and forward.

EXAMPLE 1.—On what day of the week was the American Independence declared?—1776 being Leap year, the Dominical Letter the ten last months we find by Table 1, to be F; in the line with July, and under F, we have 7, 14, 21, 28, the Sundays in that month—hence the 4th was on Thursday.

EXAMPLE 2.—Washington was born on the 22d of February, 1732. What day of the week was it? That year being also Leap Year, the Dominical Letter the two first months was F. Against February and under F, we find the 4th Sunday on the 24th; therefore the 22d was Friday. [Old Almanac.

RULE TO MEASURE WOOD, &c.

With a line, measure round the load or log, as^t also the length; then multiply the circumference and length together and the product is the answer in feet and parts of feet. For instance, a load of wood 12 feet long and 11 feet round, gives a product of 132 feet, which is one cord and four feet.

A log 3 feet 6 inches in circumference and 20 feet long, gives 70 feet; which is a half cord and 6 feet of wood. Where a load of poles is loose or brushy, allowance should be made.

TO MEASURE BOXES.

Multiply the depth, length and breadth together; and again multiply that product by 4 and divide by 10, and you have the number of bushels it will contain. For instance, a box 8 feet long, 3 feet wide and four feet high will contain 33 4.10 bushels. So, also, a box, 10 ft. square will hold 400 bushels of grain. For example, $10 \times 10 = 100 \times 10$, $1000 \times 4 = 4000 \div 10 = 400$ bushels.

LONGITUDE.

At the Equator a degree of longitude is	-	-	69 10 miles.
At five degrees latitude it is	-	-	68-84 do.
At ten do do	-	-	68-05 do.
At fifteen do do	-	-	67-75 do.
At twenty do do	-	-	64-93 do.
At twenty-five do do	-	-	62-63 do.
At thirty do do	-	-	59-80 do.
At thirty-five do do	-	-	56-60 do.
At forty do do	-	-	52-93 do.
At forty-five do do	-	-	48-86 do.
At fifty do do	-	-	44-42 do.
At fifty-five do do	-	-	39-63 do.
At sixty do do	-	-	34-55 do.
At sixty-five do do	-	-	29-20 do.
At seventy do do	-	-	23-63 do.
At seventy-five do do	-	-	17-38 do.
At eighty do do	-	-	12-00 do.
At eighty-five do do	-	-	6-03 do.
At ninety do do	-	-	0-00 —

WEIGHT.

A square solid inch of silver weighs a fraction over 6 ounces.

A square solid inch of lead a little over 6 1-2 ounces.

A square solid inch of mercury almost 8 ounces.

A square solid inch of gold nearly 11 1-4 ounces.