



FOTHERGILL'S,

TORONTO ALMANAC;

AND

Farmer's Calendar,

FOR THE YEAR

1840.



CALCULATIONS FOR THE MERIDIAN OF TORONTO.

NORTH LAT.	-	-	-	-	43°	38'	10"
WEST LONG.	-	-	-	-	79°	38'	0

MULTUM IN PARVO:

AND

NECESSARY FOR ALL PERSONS:



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ALMANAC FOR THE YEAR 1840.

EPOCHS, AND COMMON NOTES.

EPOCHS.	
Of the Julian Period	6553
Of the Mundane <i>Æra</i>	5843
Since the Birth of Christ, according to Chronology	1844
Of the Vulgar Christian <i>Æra</i>	1840
Since the Discovery of America	348
Since the treaty which confirmed the possession of Canada to the British Crown, }	77
Since the British acknowledgement of the Inde- pendence of the United States of America, at the Peace of 1783, }	57
Since the Division of the Province of Quebec into Lower and Upper Canada, }	49
Of the Reign of Her Majesty Victoria I.	3

CHRONOLOGICAL CYCLES,

The Dominical Letter, is *E.* until the 10th of March, afterward *D.*

MOVEABLE FEASTS.

Septuages.	Febry. 16	Low Sunday,	April 26
Quinquages, or Shrove Sunday, }	March 1	Rogation Sunday, Ascension Day, }	May 24
Ash Wednesday or 1st day of Lent, }	March 4	or Holy Thurs- day, }	May 28
Mid Lent Sunday,	March 29	Whit Sunday,	June 7
Palm Sunday,	April 12	Trinity Sunday,	June 14
Easter Day,	April 19	Advent Sunday,	Nov. 29

THUNDER AND LIGHTNING.

To determine the distance of *Lightning*, count the number of *Seconds* between the *flash* and the *clap of thunder*, and allow rather less than a quarter of a mile for each second.

The middle of the room is the safest situation in a *Thunder Storm*, and lower rooms are more safe than upper-chambers.

THE FORCE OF LIGHTNING.

A person may be killed by lightning, although the explosion takes place at the distance of twenty miles, by what is called the backstroke. Suppose that the two extremities of a cloud, highly charged with electricity, hang down towards the earth, they will repel the electricity from the earth's surface, if it be of the same kind with their own, and will attract the other kind; and if a discharge should suddenly take place at one end of the cloud, the equilibrium will instantly be restored by a flash at that point of the earth which is under the other.

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A TABLE.

For foretelling the Weather through all the Lunations of each Year, forever.

This table, and the accompanying remarks, are the result of many years actual observation; the whole being constructed on a due consideration of the attraction of the sun and moon in their several positions respecting the earth; and will, by simple inspection, show the observer what kind of weather will most probably follow the entrance of the moon, into any of its *quarters*; and that so near the truth as to be seldom or never found to fail.

If the New Moon,—the First Quarter—the Full Moon—or the last Quarter, happens, between midnight and two in the morning.

	SUMMER.	WINTER.
	Fair,	Hard frost unless the wind be s. or w.
2 and 4 morning,	} Cold with frequent showers. Rain. Wind & Rain. Changeable.	Snow and stormy Rain. Stormy.
4 and 6 "		
6 and 8 "		
8 and 10 "		
10 and 12 "	Freq't showers.	Cold rain if wind west; snow if e. Cold, & high wind,
At 12 o'clock, M. and 2 P. M.	Very rainy	Snow or rain.
Between 2 and 4 P. M. 4 and 6 "	Changeable.	Fair & mild.
4 and 6	Fair.	Fair.
6 and 8	} Fair if wind n. w. Rainy if s. or s. w.	Fair & frosty if wind n. or n. e. rain or snow if s. or
8 and 10 "		
10 and midnight,	ditto. Fair.	w. ditto. Fair & frosty.

OBSERVATIONS.

1. The nearer the time of the Moon's change, First Quarter, Full, and Last Quarter, are to MIDNIGHT, the fairer will the weather be during the seven days following.
2. The space of this calculation occupies from ten at night till two next morning.
3. The nearer the MID-DAY, or NOON, the phases of the Moon happen, the more foul or wet weather may be expected during the next seven days.
4. The space for this calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to Summer, though they affect Spring and Autumn nearly in the same ratio.
5. The Moon's change—First Quarter—Full—and last Quarter, happening during six of the afternoon hours, i. e. from four to ten, may be followed by fair weather; but this is mostly dependent on the WIND, as it is noted in the Table.
6. Though the weather, from a variety of irregular causes, is more uncertain in the latter part of Spring, yet, in the main, the above observations will apply to those periods also.

THE SEASONS.

How beautiful are nature's thousand hues!
 First comes the virgin Spring, with emerald set,
 And cheeks of glowing childhood; Summer next
 With all her gay and gladsome trappings on,
 Rejoicing in the glory of her growth,
 And brading roses in her foliage;
 And next, maturer Autumn, soft at first,
 Yet oftines sad in her departing rays;
 Till hoary Winter meets her on the heath,
 And breathes destruction on her yellow cheek.

COMMENCEMENT OF THE SEASONS.

Spring—Sun enters ♈, March 20.
 Summer—Sun enters ☊, June 21.
 Autumn—Sun enters ♎, September 23.
 Winter—Sun enters ♏, December 21.

TABLE OF THE SOLAR SYSTEM

With the Names and Characters of the Planets

Names.	Diam in E. Miles.	M'n distance from the Sun.	Time of rota. ro'd their Ax's	Time of revo's round the Sun.
☉ The Sun	883,246	. . . . .	25d 14h 8m 0s	d. h. m. s.
☿ Mercury	3,224	37,000,000	14 24 5 28	87 23 15 43
♀ Venus	7,667	68,000,000	0 23 20 54	224 16 49 10
♁ The Earth	7,912	98,000,000	1 0 0 0	365 6 9 12
☾ The Moon	2,170	95,000,000	29 17 44 3	
♂ Mars	4,189	144,000,000	0 24 39 22	686 23 30 35
Vesta	238	225,000,000	. . . . .	. . . . .
Juno	1,425	252,000,000	. . . . .	. . . . .
Ceres	160	263,000,000	. . . . .	1703 16 48 0
Pallas	110	265,000,000	. . . . .	. . . . .
♃ Jupiter	89,170	490,000,000	0 9 55 37	4332 14 27 10
♄ Saturn	79,042	900,000,000	10 16 2	10759 1 51 11
♁ Herschel	35,112	1,800,000,000	. . . . .	30737 18 0 0

NAMES AND CHARACTERS OF THE ASPECTS.

- ♁ A Planet's ascending Node.
 - ♁ The Descending Node,
 - ♄ Conjunction, or Planets situated in the same Longitude,
 - ☐ Quadrature, or planets situated in Longtitudes differing three signs from each other
 - ♁ Opposition, or Planets situated in opposite Longitudes, or differing six signs from each other.
- N. North. Inf. Inferior. Im. Immersion.
 S. South. Sup. Superior. Em. Emersion.

SIGNS OF THE ZODIAC.

- | | | |
|--------------|---------------|--------------------|
| 1, ♈ Aries, | 5, ♌ Leo, | 9, ♎ Sagittarius, |
| 2, ♉ Taurus, | 6, ♍ Virgo, | 10, ♏ Capricornus, |
| 3, ♊ Gemini, | 7, ♎ Libra, | 11, ♐ Aquarius, |
| 4, ♋ Cancer | 8, ♏ Scorpio, | 12, ♑ Pisces. |

● New Mo
 ● First Qu

M W

1 Wednesday
 2 Thursday
 3 Friday
 4 Saturday
 5 E
 6 Monday
 7 Tuesday
 8 Wednesday
 9 Thursday
 10 Friday
 11 Saturday
 12 E
 13 Monday
 14 Tuesday
 15 Wednesday
 16 Thursday
 17 Friday
 18 Saturday
 19 E
 20 Monday
 21 Tuesday
 22 Wednesday
 23 Thursday
 24 Friday
 25 Saturday
 26 E
 27 Monday
 28 Tuesday
 29 Wednesday
 30 Thursday
 31 Friday.

I JANUARY.

A HYMN.

These, as they change, Almighty Father! these
 Are but the varied God. The rolling year
 Is full of thee. Forth in the pleasing spring
 Thy beauty walk. Thy tenderness and love,
 Wide flush the fields; the softening air is balm;
 Echo the mountains round; the forest smiles,
 And every scene, and every heart is joy.
 Then comes Thy glory in the Summer-months,
 With light and heat refulgent. Then thy Sun.

☉ New Moon 4th 4h. 7m., evening. | ☾ Full Moon 18th 7h. 15m., evening.
 ☽ First Quarter 12th 2h. 41m. evening | ☽ Last Quarter 26th 8h. 13m. evening.

M	W	ASPECTS, HOLIDAYS, ANIVERSARIES, &c. &c. &c.	☉	☽	☿	♁	♂	♀
			P.	R	S	R	S	
1	Wednesday	New Years' Day	↑	7	32	4	28	4 52
2	Thursday	♄ ☉ ♀ & ♃	↑	7	31	4	29	5 52
3	Friday		↑	7	30	4	30	6 48
4	Saturday		↑	7	30	4	30	sets
5	E	Duke of York died 1827. 2d Sunday after Chris.	☿	7	29	4	31	5 16
6	Monday	Epiphany. High Tides.	☽	7	29	4	31	6 24
7	Tuesday	Prs. Charlotte of Wales born 1796. ♄ ☉ & ♀	☽	7	28	4	32	7 34
8	Wednesday	Battle of N Orleans 1815. ☽ Greatest elongation W	☽	7	28	4	32	8 44
9	Thursday	♃ in Perihelion ☉ ☉ & ☽	☽	7	27	4	33	9 54
10	Friday		☽	7	27	4	33	11 3
11	Saturday		☽	7	26	4	34	morn.
12	E	Amnesty of Paris 1816. 1st Sunday after Epiphany.	☽	7	25	4	35	0 15
13	Monday	Low Tides.	☽	7	25	4	35	1 51
14	Tuesday	♄ ☉ & 7* _s	☽	7	24	4	36	2 51
15	Wednesday	Duke of Gloucester born 1779.	☽	7	23	4	37	4 10
16	Thursday	☉ in Perigee	☽	7	22	4	39	5 23
17	Friday	Dr. Franklin born 1706	☽	7	21	4	49	6 28
18	Saturday		☽	7	20	4	40	rises
19	E	Second Sunday after Epiphany	☽	7	19	4	41	5 35
20	Monday	Death of Howard the Philanthropist 1790	☽	7	19	4	41	5 48
21	Tuesday	Louis xvi beheaded 1793	☽	7	18	4	42	8 0
22	Wednesday	Battle of Frenchtown 1813. ♄ ♀ ♃ ♃	☽	7	17	4	43	9 8
23	Thursday	Wm. Pitt died 1806	☽	7	16	4	44	10 13
24	Friday		☽	7	15	4	45	11 18
25	Saturday	Conversion of St. Paul	☽	7	14	4	46	morn.
26	E	Third Sunday after Epiphany	☽	7	13	4	48	0 22
27	Monday	Duke of Sussex born 1773. ☉ in Apogee	☽	7	12	4	49	1 26
28	Tuesday		☽	7	11	4	41	2 20
29	Wednesday	Accession of George IV. ♀ in Aphelion.	☽	7	9	4	52	3 33
30	Thursday	Charles I beheaded 1649 ♄ ☉ ♀ & ♃.	☽	7	8	4	53	4 31
31	Friday.		☽	7	7	4	31	5 22

II FEBRUARY.

Shoots full perfection thro' the swelling year :
 And oft Thy voice in dreadful thunder speaks ;
 And oft at dawn, deep noon, or falling eve,
 By brooks and groves, in hollow whispering gales.
 Thy bounty shines in Autumn unconfin'd,
 And spreads a common feast for all that lives.
 In Winter awful thou ! with clouds and storms
 Around thee thrown, tempest o'er tempest roll'd,
 Majestic darkness ! on the whirlwind's wing,
 Riding Sublime, Thou bidst the world adore.

● New Moon, 8h—37m. morn. ☉ Full moon, 17th—8h. 31m. morn.
 ● First Quarter, 10th—10h. 41m. morn. ☾ Last Quarter, 25th—5h. 29m. morn.

M	W.	ASPECTS, HOLIDAYS, ANIVERSARIES, &c. &c. &c.	P.	○R	○S	R○S	
1	Saturday		☾	7	64	546	51
2	E	4th Sunday after Epiph. ☉ & ☽	☾	7	54	556	42
3	Monday		☾	7	34	57	sets
4	Tuesday	High Tides.	☾	7	24	586	25
5	Wednesday	☉ ☽ & ☿	☾	7	14	597	36
6	Thursday		☾	7	05	08	48
7	Friday	☉ ☽ & ♃	☾	6	595	110	1
8	Saturday		☾	6	575	311	15
9	E	5th Sunday after Epiph	☾	6	565	4	morn.
10	Monday	☉ ☽ & 7*'s	☾	6	555	50	31
11	Tuesday	☉ in Perigee	☾	6	545	61	50
12	Wednesday		☾	6	525	83	4
13	Thursday		☾	6	515	94	10
14	Friday	VALENTINE	☾	6	505	105	5
15	Saturday	☉ ☽ & ☿	☾	6	495	115	47
16	E	Septuagesima Sunday	☾	6	475	136	21
17	Monday	☉ Eclipsed invisible	☾	6	455	15	rises
18	Tuesday	Luther died 1546—High Tides	☾	6	445	166	48
19	Wednesday		☾	6	425	187	53
20	Thursday		☾	6	415	198	59
21	Friday		☾	6	405	2010	5
22	Saturday	Washington born 1732—D of Cumberland born 1774	☾	6	395	2111	10
23	E	Sexagesima Sunday	☾	6	375	23	morn.
24	Monday	Capture of the U. S. ship 'Peacock'—☉ Apogee	☾	6	365	240	15
25	Tuesday		☾	6	345	261	19
26	Wednesday	☉ ☽ & ♃—very Low Tides	☾	6	335	272	19
27	Thursday	Great Earthquake at Lisbon 1796	☾	6	325	283	13
28	Friday		☾	6	305	304	1
29	Saturday	☉ ♃ & ☽--☉ ☽ & ☽	☾	6	295	314	42

M	W	
1	D	St
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3	Tue	N
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6	Fri	♃
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9	Mo	♃
10	Tue	
11	Wed	□
12	Th	St
13	Fri	T
14	Sat	
15	D	2n
16	Mo	
17	Tue	St
18	Wed	
19	Th	H
20	Fri	♃
21	Sat	D
22	D	3r
23	Mo	♃
24	Tue	♃
25	Wed	
26	Th	
27	Fri	Lo
28	Sat	♃
29	D	4th
30	Mo	
31	Tue	♀

III. MARCH.

And humblest Nature with Thy northern blast,
 Mysterious round! what skill, what force divine;
 Deep felt, in these appear! a simple train,
 Yet so delightful, mix'd with such kind art,
 Such beauty and beneficence combin'd;
 Shade, unperceiv'd, so softening into shade,
 And all so forming an harmonious whole;
 That, as they still succeed, they ravish still.
 But wandering oft with brute unconscious gaze,
 Man marks not Thee, marks not the mighty hand.

☉ 3rd, 10h 45m even. | ☽ 17th 11h 15m even.
 ☊ 10th, 5h 50m even. | ☿ 26th 1h 27m morn.

M	W	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉	P	☽	R	☿	S	R	☊	S
1	D	St. DAVID.	Shrove Sunday.		☉	☾	6	27	5	33	5	15	
2	Mo				☉	☾	6	26	5	34	5	42	
3	Tue	Napoleon escaped from Elba 1815.	Shrove Tue.		☉	☾	6	25	5	35	sets		
4	Wed	Ash Wednesday.	1st day of Lent.		☉	☾	6	23	5	37	6	36	
5	Th	♂ ☉ ♂	Very high Tides.		☉	☾	6	21	5	39	7	51	
6	Fri	♃ Stationary.	♄ ☽ & ☉		☉	☾	6	20	5	40	9	10	
7	Sat	☉ in Perigee.			☉	☾	6	19	5	41	10	27	
8	D	1st Sunday in Lent.	♄ ☉ & 7*'s.		☉	☾	6	17	5	43	11	46	
9	Mo	♄ ☽ & ♂			☉	☾	6	16	5	44	morn.		
10	Tue				☉	☾	6	14	5	46	1	2	
11	Wed	☐ ♃ & ☉			☉	☾	6	13	5	47	2	9	
12	Th	St. Gregory martyr.	Low Tides.		☉	☾	6	11	5	49	3	2	
13	Fri	The Planet Herschel discov. 1781.	♃ in Perih.		☉	☾	6	10	5	50	3	48	
14	Sat				☉	☾	6	9	5	51	4	22	
15	D	2nd Sunday in Lent.			☉	☾	6	8	5	52	4	52	
16	Mo				☉	☾	6	6	5	54	5	16	
17	Tue	St. Patrick.			☉	☾	6	4	5	56	rises		
18	Wed				☉	☾	6	3	5	57	6	50	
19	Th	High Tides.			☉	☾	6	1	5	59	7	55	
20	Fri	☉ enters ♈	Vernal Equinox.		☉	☾	6	0	6	0	9	2	
21	Sat	Death of Sir Isaac Newton 1727, aged 85.			☉	☾	5	59	6	1	10	8	
22	D	3rd Sunday in Lent.	♄ ☉ ♃		☉	☾	5	57	6	3	11	12	
23	Mo	☉ in apogee.			☉	☾	5	56	6	4	morn.		
24	Tue	♄ ☉ & ♃			☉	☾	5	54	6	6	0	14	
25	Wed				☉	☾	5	52	6	8	1	11	
26	Th				☉	☾	5	51	6	9	2	2	
27	Fri	Low Tides.			☉	☾	5	50	6	10	2	43	
28	Sat	♃ Stationary.			☉	☾	5	49	6	11	3	19	
29	D	4th Sunday in Lent.	Mid Lent.		☉	☾	5	47	6	13	3	47	
30	Mo				☉	☾	5	45	6	15	4	14	
31	Tue	♀ ☉ ♀ & ♃			☉	☾	5	44	6	16	4	37	

a. morn.
9m. morn.

☉ S R ☉ S

64	54	6	51
54	55	6	42
34	57	sets	
24	58	6	25
44	59	7	36
5	08		48
95	110		1
75	311		15
65	4	morn.	
55	50		31
45	61		50
25	83		4
15	94		10
05	105		5
95	115		47
75	136		21
55	15	rises	
45	166		48
25	187		53
15	198		59
05	2010		5
95	2111		10
75	23	morn.	
65	240		15
45	261		19
35	272		19
25	283		13
05	304		1
95	314		42

IV. APRIL.

That, ever-busy, wheels the silent spheres;
 Works in the secret deep, shoots, steaming, thence
 The fair profusion that o'erspreads the spring:
 Flings from the sun direct the flaming day,
 Feeds every creature, hurls the tempest forth,
 And, as on earth this grateful change revolves,
 With transport touches all the springs of life.
 Nature, attend! join every living soul
 Beneath the spacious temple of the sky,
 In adoration join, and ardent raise.

		● 2nd, 9h 45m morn.	☉ 16th 1h 23m even.								
		① 9th, 0h 58m morn.	☉ 24th 6h 17m even.								
M	W	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	P	R	S	R	S	R	S
1	Wed				☿	5	43	6	17	4	58
2	Th	♂ ♂ & ♀			♃	5	41	6	19	sets	
3	Fri	♂ ☉ ♀	Very high Tides.		♃	5	40	6	20	8	13
4	Sat		St. AMBROSE. ☉ in Perigee.		♃	5	39	6	21	9	34
5	D		5th Sunday in Lent. ● 7*'s.		♃	5	37	6	23	10	56
6	Mo		Old Lady Day. ♂ ♀ ☿		♄	5	36	6	24	mon.	
7	Tue		In. ♂ ♀ ☉: ♀ in aphelion. [1778.		♄	5	34	6	26	0	
8	Wed		Death of Lord CHATHAM in the House of Peers		♄	5	33	6	27	1	15
9	Th				♄	5	31	6	29	1	5
10	Fri		Low Tides.		♅	5	30	6	30	2	36
11	Sat		Birth of GEORGE CANNING 1770.		♅	5	28	6	32	3	5
12	D		Exec. of Lount & Matthews 1838. PALM SUNDAY.		♅	5	27	6	33	3	20
13	Mo				♅	5	26	6	34	3	52
14	Tue				♅	5	25	6	35	4	13
15	Wed				♅	5	23	6	37	4	33
16	Th		Maunday Thursday.		♅	5	22	6	38	rises	
17	Fri		GOOD FRIDAY.		♅	5	21	6	39	8	2
18	Sat		High Tides. ● ♄		♅	5	19	6	41	9	6
19	D		EASTER SUNDAY.		♅	5	18	6	42	10	13
20	Mo		Lord BYRON the Poet died 1824. ☉ in apogee.		♅	5	17	6	43	11	10
21	Tue	♂ ♀ & ☉			♅	5	15	6	45	morn.	
22	Wed				♅	5	14	6	46	0	2
23	Th		St. GEORGE. SHAKSPEARE born 1564 d. 1616.		♅	5	13	6	47	0	46
24	Fri				♅	5	11	6	49	1	23
25	Sat		O. CROMWELL born 1598. St. MARK. Low Tides.		♅	5	10	6	50	1	53
26	D		Low Sunday.		♅	5	9	6	51	2	20
27	Mo				♅	5	8	6	52	2	43
28	Tue	♂ ☉ ☿			♅	5	6	6	54	3	5
29	Wed				♅	5	5	6	55	3	25
30	Th	♀ ● & ♀			♅	5	4	6	56	3	49

M	W
1	Fri
2	Sat
3	D
4	Mo
5	Tue
6	Wed
7	T
8	F
9	Sat
10	D
11	Mo
12	Tue
13	Wed
14	Th
15	Fri
16	Sat
17	D
18	Mo
19	Tue
20	Wed
21	Th
22	Fri
23	Sat
24	D
25	Mo
26	Tue
27	Wed
28	Th
29	Fri
30	Sat
31	D

V. MAY.

One general song! To Him, ye vocal gales,
 Breathe soft, whose Spirit in your freshness breathes
 Oh! talk of him in solitary glooms!
 Where o'er the rock, the scarcely waving pine
 Fills the brown shade with a religious awe.
 And ye, whose bolder note is heard afar,
 Who shake th' astonish'd world, lift high to heaven
 Th' impetuous song, and say from whom you rage.
 His praise, ye brooks, attune, ye trembling rills;
 And let me catch it as I muse along.

● 1st, 7h 1m even.	☉ 16th, 6h 26m morn.
⊙ 8th, 9h 46m morn.	☉ 24th, 8h 20m morn.
	● 31st, 2h 11m morn.

S R O S

17	4 58
19	sets
20	8 13
21	9 34
23	10 56
24	mon.
26	0
27	1 1
29	1
30	2 36
32	3
33	3 20
34	3 52
35	4 13
37	4 33
38	rises
39	8 2
41	9 6
42	10 13
43	11 10
45	morn.
46	0 2
47	0 46
49	1 23
50	1 53
51	2 20
52	2 43
54	3 5
55	3 25
56	3 49

M	W	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
1	Fri	St. PHIL. & St. JAS.	Addison b. 1672. d. 1728.		♃	5	36	57																sets
2	Sat	☉ 7 ^h 's. ☉ in Perigee.		High Tides.	♃	5	16	59																8 2
3	D	Invention of the Cross.	2nd Sund. after Easter.		♄	5	07	0																9 5
4	Mo	♃ ♄ & ☉.		♃ ♄ ☉.	♄	4	59	7																11 3
5	Tue	Napoleon died 1821.		♃ greatest elongation W.	♃	4	58	7																2 morn.
6	Wed	St. JOHN EVANGELIST.			♃	4	57	7																3 0 1
7	T	Duke of York born 1767.			♃	4	56	7																4 0 45
8	F				♃	4	55	7																5 1 18
9	Sat		Low Tides.	[Easter	♃	4	53	7																7 1 43
10	D	West Indies discov. in 1497.		3rd Sunday after	♄	4	52	7																8 2 6
11	Mo				♄	4	51	7																9 2 26
12	Tue	Battle of Lodi 1797.			♄	4	50	7																10 2 44
13	Wed	Vienna taken 1809.			♄	4	49	7																11 3 2
14	Th				♄	4	48	7																12 3 25
15	Fri	♃ ♄ & ☉.			♄	4	47	7																13 3 48
16	Sat	Battle of Albuera 1811.			♄	4	46	7																rises
17	D	4th Sunday after Easter.		☉ in apogee.	♄	4	45	7																15 9 6
18	Mo	High Tides.		♃ ♄ ☉.	♄	4	44	7																16 10 0
19	Tue	St. Dunstan.		The dark day of 1780.	♄	4	43	7																17 10 46
20	Wed	Death of COLUMBUS 1506.			♄	4	42	7																18 11 26
21	Th				♄	4	41	7																19 11 58
22	Fri				♄	4	40	7																morn.
23	Sat				♄	4	39	7																21 0 26
24	D	Queen VICTORIA born 1819.		Rogation Sunday.	♄	4	39	7																21 0 48
25	Mo	Low Tides.		♃ ♄ ☉.	♄	4	38	7																22 1 9
26	Tue				♄	4	37	7																23 1 30
27	Wed	Ven. Bede. Pr. Geo. of Cumberland born 1819.			♄	4	36	7																24 1 50
28	Th	Wm. PITT born 1759.		Ascension Day.	♄	4	36	7																24 2 14
29	Fri	Restoration of King Charles II, 1660.			♄	4	35	7																25 2 47
30	Sat	ALEX. POPE died 1764.		☉ in Perigee.	♄	4	34	7																26 3 24
31	D	Sunday after Ascension.			♄	4	33	7																27 sets

VI. JUNE.

Ye headlong torrents, rapid and profound;
 Ye softer floods, that lead the humid maze
 Along the vale; and thou majestic main,
 A secret world of wonders in thyself,
 Sound His stupendous praise; whose greater voice
 Or bids you roar, or bids your roaring fall.
 Soft roll your incense, herbs, and fruits, and flowers,
 In mingled clouds to Him; whose sun exalts,
 Whose breath perfumes you, and whose pencil paints,
 Ye forests bend, ye harvests wave to Him;

		☉ 6th, 8h 11m even.	☉ 22nd, 6h 21m even.			
		☽ 14th, 9h 39m even,	☾ 29th, 8h 47m morn.			
		Aspects, Holidays, Anniversaries, &c.				
W.		P	R	S	R	S
1 Mo	Nicomede. Very high Tides.	Π	4 33	7 27	9 49	
2 Tue		☽	4 32	7 28	10 37	
3 Wed		☽	4 32	7 28	11 13	
4 Th	♂ ♀ & ♂ Geo. III, born 1738.	Ω	4 31	7 29	11 41	
5 Fri	King of Hanover born, 1771. Boniface.	Ω	4 31	7 29	morn.	
6 Sat	Battle of Burlington Heights 1813.	♃	4 30	7 30	0 7	
7 D	Pentecost. Whit Sunday. Low Tides.	♃	4 30	7 30	0 27	
8 Mo	Asiatic Cholera in U. C. 1832. Whit Monday.	♃	4 29	7 31	0 42	
9 Tue	Whit Tuesday. ♂ ♃ ☉	♄	4 29	7 31	1 5	
10 Wed	Su. ♂ ♃ ☉	♄	4 28	7 32	1 24	
11 Th	St. Barnabas. ♂ ♃ ☉. Π ♃ ☉	♃	4 28	7 32	1 48	
12 Fri		♃	4 28	7 32	2 15	
13 Sat	☉ in apogee.	♄	4 28	7 32	2 48	
14 D	Trinity Sunday. ♂ ♃ ☉	♄	4 28	7 32	rises	
15 Mo	♂ ♀ & ♂ Magna Charta 1215.	♄	4 28	7 32	8 40	
16 Tue	High Tides:	♃	4 28	7 32	9 21	
17 Wed	St. Alban. Battle of Bunker's Hill 1775.	♃	4 28	7 32	9 55	
18 Th	Battle of Waterloo 1815.	♃	4 28	7 32	10 21	
19 Fri		♃	4 28	7 32	10 47	
20 Sat	Death of William IV. 1837.	♃	4 28	7 32	11 7	
21 D	Victoria proclaimed Queen. Summer Solstice.	♃	4 28	7 32	11 28	
22 Mo	♂ ♃ ☉	♃	4 28	7 32	11 46	
23 Tue	Low Tides.	♃	4 28	7 32	morn.	
24 Wed	Nativity of St. John, Baptist.	♃	4 28	7 32	0 10	
25 Th	Battle of Bannockburn 1314.	♃	4 28	7 32	0 37	
26 Fri	Death of George IV. ♂ ☉ 7*'s.	♃	4 28	7 32	1 11	
27 Sat	Execution of Dr. Dodd in 1777.	Π	4 28	7 32	1 52	
28 D	2nd Sunday after Trinity. ☉ in Perigee.	Π	4 28	7 32	2 45	
29 Mo	St. Peter & St. Paul. Very high Tides.	☽	4 28	7 32	sets	
30 Tue		☽	4 29	7 31	9 3	

M	W
1	Wed
2	Th
3	Fri
4	Sat
5	D
6	Mo
7	Tue
8	Wed
9	Th
10	Fri
11	Sat
12	D
13	Mo
14	Tue
15	Wed
16	Th
17	Fri
18	Sat
19	D
20	Mo
21	Tue
22	Wed
23	Th
24	Fri
25	Sat
26	D
27	Mo
28	Tue
29	Wed
30	Th
31	Fr

VII. JULY.

Breathe your still song into the reaper's heart,
 As home he goes beneath the joyous moon.
 Ye that keep watch in heaven, as earth asleep
 Unconscious lies, effuse your mildest beams,
 Ye constellations, while your angels strike,
 Amid the spangled sky, the silver lyre.
 Great source of day! best image here below
 Of thy Creator, ever pouring wide,
 From world to world the vital ocean round,
 On Nature write with every beam His praise.

☉ 6th, 8h 52m morn. | ☉ 22nd, 1h 34m morn.
 ☽ 14th, 0h 17m even. | ☽ 28th, 4h 14m even

n.
rn.

S R ☉ S

27 9 49
 28 10 37
 28 11 13
 29 11 41
 29 morn.
 30 0 7
 30 0 27
 31 0 42
 31 1 5
 32 1 24
 32 1 48
 32 2 15
 32 2 48
 32 rises
 32 8 40
 32 9 21
 32 9 55
 32 10 21
 32 10 47
 32 11 7
 32 11 28
 32 11 46
 32 morn.
 32 0 10
 32 0 37
 32 1 11
 32 1 52
 32 2 45
 32 sets
 31 9 3

M	W	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉	P	☽	R	☉	S	R	☉	S
1	Wed	☉ in apogee.	Battle of the Boyne 1690.		☉	4	29	7	31	9	36		
2	Th	☉ in apogee.	Visitation of Virgin Mary.		☉	4	29	7	31	10	1		
3	Fri	☉ in apogee.	Quebec founded in 1608.		☉	4	29	7	31	10	24		
4	Sat	☉ in apogee.	Declaration of American Independence 1776.		☉	4	30	7	30	10	43		
5	D	☉ in apogee.	3rd Sunday after Trinity.		☉	4	30	7	30	11	3		
6	Mo	☉ in apogee.	Stationary.		☉	4	31	7	29	11	24		
7	Tue	☉ in apogee.	Thos. a-Becket. Sheridan d. 1816. Low Tides.		☉	4	31	7	29	11	45		
8	Wed	☉ in apogee.	☽ & ☽		☉	4	31	7	29	morn.			
9	Th	☉ in apogee.	Birth of Columbus 1447.		☉	4	32	7	28	0	11		
10	Fri	☉ in apogee.	☽ in apogee.		☉	4	32	7	28	0	42		
11	Sat	☉ in apogee.	4th Sunday after Trinity.		☉	4	33	7	27	1	19		
12	D	☉ in apogee.	St. Swithin. Destruction of Bastile 1789.		☉	4	33	7	27	2	5		
13	Mo	☉ in apogee.	French Revolution 1789.		☉	4	34	7	26	3	0		
14	Tue	☉ in apogee.	High Tides.		☉	4	35	7	25	rises			
15	Wed	☉ in apogee.	Birth of Sir Joshua Reynolds 1723, died 1792.		☉	4	36	7	24	8	20		
16	Th	☉ in apogee.	☽ greatest elongation.		☉	4	37	7	23	8	46		
17	Fri	☉ in apogee.	Battle of Lundy's Lane 1813.		☉	4	37	7	23	9	7		
18	Sat	☉ in apogee.	5th Sunday after Trinity.		☉	4	38	7	22	9	29		
19	D	☉ in apogee.	Margaret.		☉	4	39	7	21	9	49		
20	Mo	☉ in apogee.	Death of Burns the Poet, 1796.		☉	4	40	7	20	10	11		
21	Tue	☉ in apogee.	Magdalen.		☉	4	40	7	20	10	35		
22	Wed	☉ in apogee.	Gibral. tak. by the Brit. 1704.	[Low Tides.	☉	4	41	7	19	11	5		
23	Th	☉ in apogee.	☽ in Su.		☉	4	42	7	18	11	41		
24	Fri	☉ in apogee.	St. James. Duke of Cambridge born.		☉	4	43	7	17	morn.			
25	Sat	☉ in apogee.	St. Anne. 6th Sunday after Trin.	☉ in Per.	☉	4	44	7	16	0	27		
26	D	☉ in apogee.	☽ & ☽. Battle of Talavera 1809.		☉	4	45	7	15	1	29		
27	Mo	☉ in apogee.	☽ & ☽.		☉	4	46	7	14	2	43		
28	Tue	☉ in apogee.	☽ in Perihelion.		☉	4	47	7	13	sets			
29	Wed	☉ in apogee.	Death of Gray the Poet in 1771.	High Tides.	☉	4	48	7	12	4	56		
30	Th	☉ in apogee.			☉	4	49	7	11	8	22		
31	Fr	☉ in apogee.			☉	4	51	7	9	8	43		

VIII. AUGUST.

'The thunder rolls : be hush'd the prostrate world ;
 While cloud to cloud returns the solemn hymn.
 Bleat out afresh, ye hills ; ye mossy rocks,
 Retain the sound : the broad responsive lowe,
 Ye valleys raise : for the GREAT SHEPHERD reigns ;
 And his *unsuffering* Kingdom yet shall come.
 Ye woodlands all, awake : a boundless song
 Burst from the groves ! and when the restless day,
 Expiring, lays the warbling world asleep,
 Sweetest of birds ! sweet Philomela ! charm

		☉ 5th, 0h 0m morn.	☉ 20th 7h 8m morn.	☉ 13th, 2h 2m morn.	☉ 27th 1h 35m morn.					
M	W.	Aspects, Holidays, Anniversaries, &c.			P	R	S	R	S	
1	Sat	Lammas. ☐ ♃ & ☉	♈	4 51	7 9	9 4				
2	D	Seventh Sunday after Trinity.	♎	4 52	7 8	9 24				
3	Mo	Columbus sailed for America 1492.	♎	4 53	7 7	9 46				
4	Tue	♁ ☉ & ♃	♈	4 55	7 5	10 11				
5	Wed		♈	4 56	7 4	10 41				
6	Th	Transfiguration. Very low Tides.	♈	4 57	7 3	11 10				
7	Fri	Name of Jesus. Death of Queen Caroline 1821.	♁	4 58	7 2	morn.				
8	Sat	[☉ in Apogee.	♁	4 59	7 1	0 0				
9	D	Access. of Louis Phillipe 1830. 8 Sun. after Trin	♊	5 07	0 0	51				
10	Mo	St. Lawrence. Battle of Montmorency 1759.	♊	5 16	59 1	52				
11	Tue	♃ ♃ & ♀	♊	5 26	58 2	57				
12	Wed	Birth of Geo. IV. 1762. Death of Bunyan 1688.	♋	5 46	56 3	55				
13	Th	☉ Eclipsed, visible.	♋	5 56	55	rises				
14	Fri	High Tides. ♃ in Inf. ♃ ☉	♋	5 65	54 7	36				
15	Sat	Birth of Napoleon 1769. ♁ ☉ & ♀	♋	5 76	53 7	50				
16	D	Birth of D of York 1763. 9th Sun. after Trinity.	♌	5 96	51 8	19				
17	Mo	Surrender of General Hull 1812.	♌	5 106	50 8	42				
18	Tue		♌	5 116	49 9	9				
19	Wed	♃ stationary.	♌	5 136	47 9	43				
20	Th	♃ ☉ & 7*'s.	♌	5 146	46 10	25				
21	Fri	Wm IV. born 1765. Low Tides.	♌	5 156	45 11	19				
22	Sat		♌	5 176	43	morn.				
23	D	10th Sunday after Trinity. [English 1814.	♍	5 186	42 0	26				
24	Mo	♃ ☉ ♁ ♃ stationary. Washington taken by	♍	5 196	41 1	42				
25	Tue	Death of Herschell the Astronomer 1822.	♍	5 216	39 3	2				
26	Wed	Battle of Cressy 1346.	♍	5 226	38 4	20				
27	Th	☉ Eclipsed, invisible. ♃ ☉ & ♃	♍	5 236	37	sets				
28	Fri	St. Augustine. High Tides.	♍	5 246	36 7	12				
29	Sat	St. John, Baptist, beheaded.	♍	5 265	34 7	32				
30	D	11th Sunday after Trinity.	♍	5 276	33 7	54				
31	Mo		♍	5 296	31 8	17				

M	W.
1	Tue
2	Wed
3	Th
4	Fri
5	Sat
6	D
7	Mo
8	Tue
9	Wed
10	Th
11	Fri
12	Sat
13	D
14	Mo
15	Tue
16	Wed
17	Th
18	Fri
19	Sat
20	D
21	Mo
22	Tue
23	Wed
24	Th
25	Fri
26	Sat
27	D
28	Mo
29	Tue
30	Wed

IX. SEPTEMBER.

The listening shades, and teach the night His praise.
 Ye chief, for whom the whole creation smiles,
 At once the head, the heart, and tongue of all,
 Crown the great hymn! in swarming cities vast,
 Assembled men, to the deep organ join
 The long resounding voice, oft-breaking clear,
 At solemn pauses, through the swelling bass;
 And, as each mingling flame increases each,
 In one united ardor rise to heaven:
 Or if you rather choose the rural shade.

morn.		morn.	
R	S	R	S
51	7 9	9	4
52	7 8	9	24
53	7 7	9	46
55	7 5	10	11
56	7 4	10	41
57	7 3	11	10
58	7 2	morn.	
59	7 1	0	0
0	7 0	0	51
1	6 59	1	52
2	6 58	2	57
4	6 56	3	55
5	6 55	rises	
6	5 54	7	36
7	6 53	7	50
9	6 51	8	19
0	6 50	8	42
1	6 49	9	9
3	6 47	9	43
4	6 46	10	25
5	6 45	11	19
7	6 43	morn.	
8	6 42	0	26
9	6 41	1	42
1	6 39	3	2
2	6 38	4	20
3	6 37	sets	
4	6 36	7	12
6	5 34	7	32
7	6 33	7	54
9	6 31	8	17

		☉ 3rd, 5h 30m even.	☉ 18th, 0h 30m even.						
		☽ 11th, 3h 43m even.	● 25th, 1h 27m even.						
M	W.	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉ P	☉ R	☉ S	☉ R	☉ S
1	Tue	St. Giles. ♂ ☉ & ♀	♁ ♃	♀ greatest elong.	♁	5 30	6 30	8	46
2	Wed	London burnt in 1666.			♁	5 31	6 29	9	20
3	Th	New Stile introduced 1751.			♁	5 32	6 28	10	1
4	Fri	☉ in apogee. ♂ ☉ & ♀			♁	5 34	6 26	10	49
5	Sat	Very high Tides.			♁	5 35	6 25	11	46
6	D	12th Sunday after Trinity.			♁	5 37	6 24	morn.	
7	Mo	Enurchus. ☐ ♃ & ☉			♁	5 38	6 22	0	47
8	Tue	Nativ. of Virgin Mary.			♁	5 39	6 21	1	55
9	Wed	Battle of Flodden Field 1513.			♁	5 41	6 19	3	6
10	Th	♁ ♃ & ☉. Battle of Lake Erie 1813.			♁	5 42	6 18	4	13
11	Fri	♁ ☉ & ♃. Battle of Champlain 1814.			♁	5 44	6 16	rises	
12	Sat	High Tides.			♁	5 45	6 15	6	31
13	D	Death of Wolf in 1759. 13th Sund. after Trin.			♁	5 47	6 13	6	53
14	Mo	Holy Cross. Moscow burnt 1812.			♁	5 48	6 12	7	20
15	Tue				♁	5 49	6 11	7	52
16	Wed	♁ ☉ & 7*'s. Quebec taken 1759.			♁	5 51	6 9	8	32
17	Th	Lambert. ☉ in Perigee.			♁	5 52	6 8	9	24
18	Fri				♁	5 54	6 6	10	26
19	Sat	Low Tides. Battle of Poitiers 1356.			♁	5 55	6 5	11	38
20	D	14th Sunday after Trinity.			♁	5 56	6 4	morn.	
21	Mo	Death of Sir Walter Scott 1832.			♁	5 58	6 2	0	56
22	Tue	☉ enters ♍. Autumnal Equinox.			♁	5 59	6 1	2	12
23	Wed	Battle of Worcester 1642.			♁	6 15	59	3	25
24	Th				♁	6 25	58	4	38
25	Fri	♁ ● & ♀ Battle of Ciudad Rodrigo 1811.			♁	6 45	56	sets	
26	Sat	St. Cyprian. Old H. Rood. ♀ in Su. ♂ ☉			♁	6 55	55	6	6
27	D	15th Sunday after Trinity. ♂ ● & ♀			♁	6 75	53	6	26
28	Mo	Detroit taken by Brock 1813.			♁	6 85	52	6	55
29	Tue	St. Michael. ♂ ☉ & ♃			♁	6 95	51	7	26
30	Wed	St. Jerome. Whitefield died 1770.			♁	6 115	49	8	4

X. OCTOBER.

And find a fane in every sacred grove;
 There let the shepherd's flute, the virgin's lay,
 The prompting seraph, and the poet's lyre,
 Still sing the G D OF SEASONS, as they roll.
 For me, when I forget the darling theme,
 Whether the blossom blows, the summer ray
 Russets the plain, *inspiring* Autumn gleams;
 Or Winter rises in the blackening east,
 Be my tongue mute, may Fancy paint no more,
 And, dead to joy, forget my heart to beat!

		☉ 3rd, 11h 41m morn.	☉ 17th, 7h 5m even.								
		☽ 11th, 2h 20m morn.	☾ 25th, 4h 7m morn.								
M	W.	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉	☽	☿	♃	♄	♅	
1	Th	Remigius.	♁ ☉ & ♃.	☉ in apogee.	♄	6	12	5	48	8	49
2	Fri				♄	6	14	5	46	9	44
3	Sat				♃	6	15	5	45	10	44
4	D	16th Sunday after Trinity.			♃	6	17	5	43	11	48
5	Mo	Death of Tecumseh in 1813.		Low Tides.	♃	6	18	5	42	morn.	
6	Tue				♃	6	19	5	41	0	55
7	Wed				♃	6	20	5	40	2	2
8	Th	♁ ☉ & ♃.			♃	6	22	5	38	3	11
9	Fri	St. Denys.			♃	6	23	5	37	4	20
10	Sat			[Trinity.	♃	6	25	5	35	5	30
11	D	Duncan's visit at Camperdown.		17th Sund. after	♃	6	26	5	34	rises	
12	Mo	Battle of Queenston 1812.		Very high Tides.	♃	6	28	5	32	6	1
13	Tue	Tranl. of K. Ed. Confessor.	♁ ☉ & 7*'s.	☉ in Per.	♃	6	29	5	31	6	38
14	Wed	Birth of Wm. Penn, 1644.			♃	6	31	5	29	7	28
15	Th	♀ in ☉.			♃	6	32	5	28	8	26
16	Fri	Dark day at Quebec 1765.			♃	6	33	5	27	9	37
17	Sat	Etheldreda.			♃	6	34	5	26	10	54
18	D	St. Luke. 18th Sunday after Trinity.			♃	6	36	5	24	morn.	
19	Mo	Low Tides.			♃	6	38	5	22	0	10
20	Tue	♁ ☉ & ♃.			♃	6	39	5	21	1	22
21	Wed	Battle of Trafalgar and death of Nelson 1805.			♃	6	41	5	19	2	34
22	Th	♁ ♀ & ♃.			♃	6	42	5	18	3	43
23	Fri	Discovery of America 1492.			♃	6	43	5	17	4	51
24	Sat				♃	6	45	5	15	5	59
25	D	Crispin. 19th Sund. after Trin.	♁ ☉ & ♃.		♃	6	46	5	14	sets	
26	Mo	♁ ☉ ♀ & ♃.		Battle of Chateaugay 1813.	♃	6	47	5	13	5	32
27	Tue	♁ ♀ & ♃.			♃	6	49	5	11	6	8
28	Wed	St. Simon & St. Jude.			♄	6	50	5	10	6	50
29	Th	♁ ☉ & ♃.	♁ ♀ & ♃.	☉ in apogee.	♄	6	51	5	9	7	39
30	Fri				♃	6	53	5	7	8	36
31	Sat				♃	6	54	5	6	9	39

M	W.
1	D
2	Mo
3	Tue
4	Wed
5	Th
6	Fri
7	Sat
8	D
9	Mo
10	Tue
11	Wed
12	Th
13	Fri
14	Sat
15	D
16	Mo
17	Tue
18	Wed
19	Th
20	Fri
21	Sat
22	D
23	Mo
24	Tue
25	Wed
26	Th
27	Fri
28	Sat
29	D
30	Mo

XI. NOVEMBER.

Should Fate command me to the farthest verge
Of the Green earth, to distant barb'rous climes,
Rivers unknown to song, where first the sun
Gilds Indian mountains, or his setting beam
Flames on th' atlantic isles, 'tis nought to me :
Since God is ever present, ever felt.
In the void waste, as in the city full!
And where He vital breathes, there must be joy.
When even at last the solemn hour shall come,
And wing my mystic flight to future worlds.

☉ 2d, 8h 8m morn. | ☽ 16th, 3h 59m morn.
☽ 9th, 1h 0m even. | ☿ 23rd, 9h 17m even.

S R ☉ S

18 8 49
16 9 44
45 10 44
43 11 48
42 morn.
41 0 55
40 2 2
38 3 11
37 4 20
35 5 30
34 rises
32 6 1
31 6 38
29 7 28
28 8 26
27 9 37
26 10 54
24 morn.
22 0 10
21 1 22
19 2 34
18 3 43
17 4 51
15 5 59
14 sets
13 5 32
11 6 8
10 6 50
9 7 39
7 8 36
6 9 39

M	W.	Aspects. &c.	Holidays. &c.	Anniversaries. &c.	☉	☽	R	☉	S	R	☉	S
1	D		All Saints.		☽	6	52	5	8	10	51	
2	Mo		All Souls. Duke of Kent born 1767.		☽	6	53	5	7	11	54	
3	Tue	☉ ☽	Prs. Sophia born. Low Tides.		☽	6	54	5	6	morn.		
4	Wed		7*'s south 0. 44. Land'g of K.W.III.1688.		☿	6	55	5	5	0	58	
5	Th		The famous Gunpowder Plot in 1605.		☿	6	57	5	3	2	4	
6	Fri		Leonard.		☿	6	58	5	2	3	10	
7	Sat				☿	6	59	5	1	4	20	
8	D		Prs. Augusta born 1768. Death of Milton 1674.		☿	7	0	5	0	5	35	
9	Mo		♀ sets. 6. 14. Lord Mayor's day (of London.)		☽	7	1	4	59	rises		
10	Tue		Birth of Luther 1483. Spurzheim died 1832.		☽	7	2	4	58	5	25	
11	Wed		St. Martin. ☉ in Perigee. Battle of Chrysler's		☽	7	3	4	57	6	24	
12	Th		♃'s gr. elong. ☉ runs high. [Farm 1813.		☽	7	4	4	56	7	31	
13	Fri		Britius. ♂ ♀ ♃. Battle of Preston Pans 1715.		☽	7	5	4	55	8	44	
14	Sat				☽	7	6	4	54	10	1	
15	D		Machutus. Lord Chatham born 1708.		☽	7	7	4	53	11	17	
16	Mo	☉ ☽			☽	7	8	4	52	morn.		
17	Tue		Hugh Bishop of Lincola. Low Tides.		☽	7	9	4	51	0	28	
18	Wed		♀ sets 6. 22. ♂ ♂ & ☽		☽	7	10	4	50	1	35	
19	Th		7*'s south 11. 41.		☽	7	11	4	49	2	41	
20	Fri		Edmund K. and Martyr.		☽	7	12	4	48	3	45	
21	Sat		☉ enters ♄. ☽ ☽ ♃.		☽	7	13	4	47	4	48	
22	D		St. Cecilia. ☽ stat. 23rd Sunday after Trinity.		☽	7	14	4	46	5	51	
23	Mo		St. Clement.		♄	7	15	4	45	sets		
24	Tue		Peace of 1814. Very high Tides.		♄	7	16	4	4	4	50	
25	Wed		♃ stat. ☉ runs low. St. Catherine.		☽	7	17	4	43	5	33	
26	Th		☉ in apogee. Great Storm of 1703.		☽	7	17	4	43	6	32	
27	Fri		♀ sets 6. 35.		☽	7	18	4	42	7	32	
28	Sat				☽	7	19	4	41	8	33	
29	D		Advent. Death of Cardinal Wolsey, 1530.		☽	7	20	4	40	9	36	
30	Mo		St. ANDREW. ☉ ☽.		☽	7	20	4	40	10	39	

XII. DECEMBER.

I cheerful will obey; there with new pow'rs
 Will rising wonders sing: I cannot go
 Where Universal Love not smiles around,
 Sustaining all yon orbs and all their suns;
 From *seeming Evil* still educing *good*,
 And *better* thence again, and *better* still,
 In infinite progression. But I lose
 Myself in Him, in Light Ineffable:
 Come then, expressive Silence! muse His praise.

		2nd	2h	21m	morn.	15th,	4h	0m	even.	
		8th,	11h	17m	even.	23rd,	4h	17m	even.	
						31st,	5h	33m	even.	
M	W.	Aspects. &c.	Holidays. &c.	Anniversaries. &c.		P	R	S	R	S
1	Tue	Advent.	Alex. of Russia died 1825.		☾	7	21	4	39	11 42
2	Wed	Inf. ☉ ☽ ♀	☉ ☽ & ☿ in Perihelion.		☾	7	22	4	38	morn.
3	Th	7*'s south 10. 46.	Low Tides.		♄	7	22	4	38	0 45
4	Fri	♀ sets 6. 49.	The Outbreak in U. C. 1837.		♄	7	23	4	37	1 50
5	Sat				♃	7	23	4	37	3 0
6	D	Nicholas.	Diet of Wurms, 1540.		♃	7	24	4	36	4 14
7	Mo	Rebels dispersed at Montgomery's, 1837.			♃	7	24	4	36	5 32
8	Tue	☽ ☽ ☿ Conception of Virgin Mary.			♁	7	25	4	35	rises
9	Wed	☽ runs high. ☽ in Perigee. Milton b. 1608.			♁	7	25	4	35	5 0
10	Th	7*'s south 10. 18.			♁	7	26	4	34	6 14
11	Fri	♀ stationary.			♁	7	26	4	34	7 33
12	Sat	Trial of Louis XVI. 1792.			♁	7	26	4	34	8 53
13	D	☽ ☽ Death of Dr. Johnson, 1784. Lucy.			♁	7	26	4	34	10 7
14	Mo	Death of Washington 1799.			♁	7	27	4	33	11 16
15	Tue	☉ ☽ ♃.			♁	7	27	4	33	morn.
16	Wed	♂ ☉ ♂ & ☽ Low Tides.			♁	7	27	4	33	0 21
17	Th	♀ sets 7. 18.	♂ in aphelion.		♁	7	27	4	33	1 25
18	Fri				♁	7	27	4	33	2 30
19	Sat	7*'s south 9. 43.	Capture of Fort Niagara.		♁	7	27	4	33	3 36
20	D	4th Sunday in Advent.			♁	7	27	4	33	4 38
21	Mo	St. Thomas. ☽ enters ♃. ♀'s gr. elong.			♁	7	27	4	33	5 40
22	Tue	☽ runs low.			♁	7	27	4	33	6 37
23	Wed	☽ in apogee.			♁	7	27	4	33	sets
24	Th	Treaty of Ghent 1814.			♁	7	27	4	33	5 12
25	Fri	CHRISTMAS DAY.	High Tides.		♁	7	27	4	33	6 14
26	Sat	St. Stephen.			♁	7	27	4	33	7 16
27	D	St. John. ☽ ☽. ♂ ☽ & ♀			♁	7	27	4	33	8 18
28	Mo	Innocents.			♁	7	27	4	33	9 21
29	Tue	Destruction of the Caroline 1837.			♁	7	27	4	33	10 23
30	Wed	7*'s south 9. 0.	Black Rock burnt 1813.		♁	7	26	4	34	11 27
31	Th	♀ sets 7. 50.	Silvester.		♁	7	26	4	34	morn.

CIVIL, MILITARY, & NAVAL OFFICERS.

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CIVIL, MILITARY, LEGAL, ECCLESIASTICAL, & MISCELLANEOUS REGISTER.

Governor General,.....The Right Hon. Charles Poulett Thomson,
Military Secy and principal } Major George D. Hall,
Aud de Camp, }
Chief Secretary,.....T. W. Clinton Murdoch, Esq.
Commander of the Forces,.....Lieut. General Sir Rich'd D. Jackson,
Military Secretary,.....Sir Charles O'Donell,
Aides de Camp,.....Capt. Taylor and Warre,

UPPER CANADA.

Lieutenant Governor,.....Major General Sir George Arthur, K. C. H. &c. &c.
Aides de Camps,.....Capt. Fred. L. Arthur, and Lt. C. Domville,
Assistant Military Secy,.....Capt. Fred. Halkett, Coldstream Guards,
Adj't. General's Department,.....Col. Colley Foster,
Qt. Master General's Do.,.....Col. M. Fraser, A. Q. M. and Capt. F. Marham,
.....D. Q. M. G.
Adj't. General of Militia,.....Col. Richard Bullock,
Assistant Adj't. General,.....Col. Walter O'Hara,

In U. C., there are 108 Regiments of Militia, exclusive of 4 Battalions of Incorporated Militia—and 12 Provincial Batt's, Artillery, Cavalry and Independant Companies—The regular troops of the line now in this Province, are, *Infantry*. 32nd 43rd 73rd 85th 34th 65th 83rd & 93rd Regiments.—*Cavalry*. Two Troops of the King's Dragoon Guards. with an efficient force of Artillery & the Royal Engineers.

The Legislative Council has 32 Members, The House of Assembly has 60 Members,
 The Executive Council consists of 5 Members, of whom The Hon. Robert Bald; Sullivan is President,

Receiver General,.....The Hon. Jno. H. Dunn,
Inspector General,.....The Hon. Jno. Macaulay,
Secretary and Register,.....The Hon. R A Tucker,
Commissioner of Crown Lands..... } The Hon. R. B. Sullivan,
and Surveyor General,..... }
Chief Justice,.....The Hon. J. B. Robinson,
Puisne Judges,..... } The Hon. L. P. Sherwood; J. B. Macaulay ;
..... } Arch'd McLean, and Jona Jones,
Attorney General,.....Chrsit: A. Hagerman, Esq. H
Solicitor General,.....The Hon. Wm. H. Draper,
Clerk of the Crown,.....C. C. Small, Esq.

ECCLESIASTICAL DEPARTMENT.

Lord Bishop of Toronto,.....The Right Rev. John Strachan, D. D.
Archdeacon of Kingston.—The Venerable Geo. O'Kill Stewart L. L. D. with 76 Clergy men of the Church of England including *Missionaries* 88 Churches are already built; and 20 others in various parts of the Province are in Progress. Dr. Macaul is Principal of Upper Canada College. *Roman Catholic Bishop of Kingston* The Rt. Revd. Alexander McDonell Do. of *Tabraca*, The Rt. Revd. Remigins Gaülin *Vicars General*. Rev. W. P. McDonell & the Rev. A McDonell with 32 Clergymen of that Church. *The Clergymen of the Established Church of Scotland* who are resident in U. C. are 45 in number. *The Wesleyan Methodist Church of U. C.* has 57 stations of Resident Ministers. 95 travelling Preachers & 12 superannuated, with upwards of 15,000 Members. *Population of Kingston* (in 1839) 3877 *of the City of Toronto* (in 1839) 12, 571. *Total Population of the Province* 513, 467. †

Upper Canada, from the best evidence that can be at present obtained, has now

- * 1, 738, 503 Acres of Land under cultivation,
- 678 Grist Mills,
- 933 Saw Mills,

† It is impossible to go more into detail on this occasion, but the curious can be fully satisfied as to particulars, in the various departments by reference to the royal calendar of U. C. 1840 which can now be had at a greatly reduced price by application at the Palladium Office in York Street Toronto.

R S
 11 42
 morn.
 0 45
 1 50
 3 0
 4 14
 5 32
 rises
 5 5 0
 6 14
 7 33
 8 53
 10 7
 11 16
 morn.
 0 21
 1 25
 2 30
 3 36
 4 38
 5 40
 6 37
 sets
 5 12
 6 14
 7 16
 8 18
 9 21
 10 23
 11 27
 morn.

- * 76, 563 Horses of three years old and upwards,
- * 57, 641 Oxen of four years old and upwards,
- * 156, 252 Milch Cows, and at least,
- * 608, 895 Young Cattle, from two to four years old,

And in the whole, an *actually assessed* property rated at *more than TWENTY MILLIONS* of DOLLARS, but, in reality, upwards of TWENTY-FIVE MILLIONS!! *exclusive of floating capital.*

The following Table will shew the aggregate population of *all the BRITISH PROVINCES* of NORTH AMERICA: the germ of an Empire that, under the Blessing of Divine Providence and the fostering care of the Mother country, is designed to occupy the broad shoulders of this continent, and influence, direct, or control its destinies; and, perhaps, hereafter to command both the *Old* and the *New World*!

Provinces.	Population.
Upper Canada,.....	513,467
Lower Canada,.....	750,000
New Brunswick,.....	260,000
Nova Scotia,.....	230,000
Cape Breton,.....	78,000
Prince Edward,.....	80,000
Newfoundland,.....	95,000
	<i>total 2,006,467</i>

ANECDOTES TO BE REMEMBERED.

NOBILITY SPRUNG FROM HONEST TRADE.

In *Pennant's History of London*, he gives a curious list of some of our principal noble families' who owe their origin to honest trade, in the following words, viz. :—"I beg leave here to remind several noble Peers of their industrious forefathers.

John Coventry was an opulent mercer of the city of London, and mayor in 1425, a most spirited magistrate. From his loins is descended the Earl of Coventry.

The family of Rich, Earls of Warwick and Holland, arose from Richard Rich, an opulent mercer, sheriff in 1441.

The Holles, Earls of Clare and Dukes of Newcastle, sprung from Sir. W. Holles, mayor in 1540, son of Wm. Holles, citizen and banker.

Sir Thomas Leigh, mayor in 1558, furnished the peerage with the addition of two viz., Leigh, Earls of Chichester, and Leigh, Lord Leigh, of Stoneley

The Bouveries, Earls of Radnor, descend from Edward des Bouverie, an opulent Turkey merchant; died in 1694.

Lord Ducie was descended from Sir Robert Ducie sheriff in 1620, mayor in 1631; banker to Charles I and afterwards created a baronet.

Paul Bayning, sheriff in 1593, was father of Paul, created Visc. Bayning.

The Cranfields, Earls of Middlesex, rose from Lionel Cranfield, a citizen bred up in the custom house. The Duke of Dorset is descended from Frances Cranfield heiress of the third Earl.

The noble family of Ingram, Viscount Irwin (now represented by the Marchioness of Hertford), were raised in the reign of Elizabeth, by Hugh Ingram, citizen, merchant, and tallow chandler.

Sir Stephen Brown, mayor in 1438, was a grocer, and gave us another peer in the person of Sir Anthony Brown, created Viscount Montague, in 1554.

The ancestor of the Legges, Earls of Dartmouth, was mayor of London in 1347, and in 1357, having, in his trade of a skinner, attained great wealth.

Sir. Geoffrey Bullen, mayor in 1458, was grandfather to Thomas Bullen, Earl of Wiltshire, father of Anna Bullen, and grandfather to Queen Elizabeth; the highest genealogical honour the city ever possessed.

Sir Francis Hicks, a mercer founded the peerage of Campden.

Sir Wm. Capel, draper, mayor in 1503, founded the noble family of Capel, now Earls of Essex.

Edward Osborne, mayor in 1583, was ancestor of the Duke Osborne of Leeds.

Michael Dormer, mercer, mayor in 1542, produced the future Lords Dormer,

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From Sir Wm. Craven, merchant tailor, mayor in 1611, sprung the Earls of Craven Lord Viscount Dudley and Ward is descended from Wm. Ward, a wealthy goldsmith in London, and jeweller to the Queen of Charles I.

Biographical Considerations.—Most insects play on some instrument. The musquito blows an octave trumpet, the doe-bug a bassoon; the cricket turns a grindstone; and the bullfrog plays the Scotch bag-pipe

Snuff is considered a very powerful medicine by moths.

Money is the *root* of all evil; thus *diggers* generally become affluent.

Barbers inherit a ground-rent on the chins of the rich as well as the poor.

Posthumous fame is the most enduring; thus Spanish flies bite sharper after death.

Milk has such a propensity to intoxication that it gets blue on water.

Every creature should confine himself to his own element; a swimming hog cuts his own throat.

If the ocean should boil, all lobsters would probably become red.

Study makes the eyes weak and the brains strong.

Death of Captain Death.—Perhaps history cannot afford a more remarkable instance of desperate courage than that shown by the officers and crew of an English privateer, called the *Terrible*, under the command of Captain Death, of twenty six guns and two hundred men. On the 23d of December, 1775, he engaged and made prize of a French ship, from St Maloes, after an obstinate battle in which he had his brother and sixteen seamen killed; he then secured his prize with forty men, and directed his course for England; but in a few days he had the misfortune to fall in with the *Vengeance*, of thirty-six guns, a privateer, off St. Domingo. Their first step was to attack the prize, which was easily retaken.

The two ships then bore down upon the *Terrible* whose mainmast was shot away by the first broadside.

Notwithstanding this disaster, the *Terrible* maintained such a furious engagement against both, as can hardly be paralleled in the annals of the British Navy.

The French Commander and his second lieutenant were killed, with two-thirds of his company; but the gallant Captain Death, with the greater part of his officers and almost his whole crew, having met with the same fate the ship was boarded by the enemy, who found no more than twentysix persons alive, sixteen of whom were mutilated by the loss of a leg or an arm, and the other ten grievously wounded!!! The ship itself lay like a wreck upon the water and the whole exhibited a scene of horror and destruction. The victor itself, was so shattered that it was scarcely able to tow the *Terrible* into St. Maloes, where she was beheld with astonishment and terror. This adventure was no sooner known in England, than a liberal subscription was raised for the support of Death's widow and that part of the crew which survived the engagement.—There was a strange combination of names belonging to this privateer; the *Terrible* was equipped at Execution Dock, commanded by Captain Death, his lieutenant was named Devil, and the surgeon's name was Ghost.—*Chronicles of the sea.*

DESCRIPTIVE

The Cedars of Lebanon.

As we entered the last defile the minstrels and singers of the caravan commenced a psalm. Altars fumed from various points of the chasm above; and Syrian priests were seen in their robes performing the empty rites of idolatry. I turned away from this perversion of human reason, and passed forward through the lingering multitude, until the forest rose in its majesty before me. My step was checked in solemn admiration. I saw the earliest produce of the earth—the patriarchs of the reviving globe had sat beneath these green and lovely arches; the final generation was to sit beneath them. No roof so noble ever rose above the heads of monarchs, though it were covered with gold and diamonds. The forest had been greatly impaired in extent and beauty, by the sacrilegious hand of war. The perpetual conflicts of the Syrian and Egyptian dynasties laid the axe to it with remorseless violation. It once spread over the whole range of the mountains its diminished strength now, like the relics of a mighty army, made it stand among the central fortresses of its native region; and there majestically bade defiance to the farther assault of steel and fire. The forms of the trees seemed made for duration; the trunks were of prodigious thickness, smooth and round as pillars of marble, some rising to a great height, and throwing out a level roof of foliage, some dividing into a cluster of trunks, and with various heights of branch and leaf, making a succession of verdurous caves; some propagating themselves by circles of young cedars, risen where the fruit had dropped upon the ground; the whole bore the aspect of a colossal temple of nature—the shafted column, the deep arch, the solid buttresses branching off into the richest caprices of oriental architecture, the solemn roof high above, pale, yet painted by the strong sunlight through the leaves with transparent and tessellated dyes, rich as the color of the Indian mines. In the momentary feeling of awe and wonder, I could comprehend why paganism loved to worship under the shade of forests; and why the poets of paganism filled the shade with the attributes and presence of deities. The airy whisperings, the loneliness, the rich twilight were the food of mystery. Even the forms that towered before the eyes, these ancient trees, the survivors of the general law of mortality gigantic, hoary, covered with their weedy robes, bowing their heads in the blast and uttering strange sounds and groanings in the struggle, gave to the high wrought supersession of the soul, the image of things unearthly, the oracle and the God! Or was this impression but the obscure revival of one of those lovely truths that shone upon the days of paradise, when man drew knowledge from its fountain nature; and all but his own passions were disclosed to the first born of creation!—*Salathiel*.

THE MASCAL PLANT.—This extraordinary vegetable production, (a description of which has never been published) is only to be found on the Rio Grande, and its tributary streams, N. W. of the Mexican republic—it grows spontaneously on the most barren and sterile mountains in that country, & is as much esteemed as an article of food by the Mexican Indians as is the Buffalo, the Elk, and the Deer, by their more Northern neighbors. The Mascal grows in the shape of a cabbage head, & may be found as large in size as half a barrel; it is thickly covered with sharp prickly protuberances to the length of from twelve to eighteen inches, the root is very small, the head has also a thick covering of leaves, much resembling in shape, those of the Plantain tree, which are very juicy, and when prepared for eating in the same manner as the head, affords a sweet, and nutritious beverage, answering every purpose to allay thirst.

The process used for cooking this plant is very singular, yet if digressed from in a single instance, the Mascal is spoiled and rendered unfit for use; it consists of digging a hole or pit in the ground to the depth of four or five feet, which must be covered with a layer of heated rocks, on which the Mascal is placed with the root downward; a thick coat of leaves and bushes must be thrown over the mouth of the the pit, over all of which is to be lain a thin coat of dirt sufficient to prevent the heat or steam from escaping. In this situation must the Mascal remain (according to Indian computation) for three days and three nights, when it may be taken out, and will be found perfectly cooked, and most delicious food. In flavour it resembles a ripe mellow peach, each succeeding day adding to its qualities; it increases in excellence by age. On this plant alone do the Indians subsist for months being perfectly satisfied with their food, and esteeming it above all other. About half a pound of Mascal is by them deemed sufficient to satisfy the cravings of hum

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ger for a day, and it is always carried with them on their hunting and other excursions. As I before observed, the leaves of this favoured plant contain a rich & delightful beverage, altogether forming a most extraordinary combination of food and drink, thus affording another illustration of the beneficence of a kind Providence in securing even to the wild & untutored savage a luxury which their more favoured and civilized brother might well envy.

I have seen the Mascal so thick in some places as to form almost impenetrable forests of thorns, as formidable in appearance as would be the same number of glittering spears, covering the whole expanse of the country as far as the eye could see, in travelling through which the incautious or unwary will be reminded by a gentle stab of the necessity there is to have a care.

I may also mention that many of the peasantry of the states of Lonora and Chibushua, bordering on this country, also cultivate the Mascal in their fields and gardens, and I have been informed distil from its liquor which is said to be excellent, and not inferior to the best Jamaica Rum.

THE DAHLIA.—The Dahlia was discovered by Humboldt, on the high sandy plains of Mexico, about 5000 feet above the level of the sea. It was first introduced into this country some thirty years ago; but it is only within the last ten years that its cultivation became an object of great attention on the part of the floriculturists; and such have been the results of care and experiment, that there are now about one thousand varieties; the best differing in price from one guinea to one shilling, according to their novelty, and the common sort, still cheaper, but looking very beautiful to those who have not

Procured a taste to double the surprise,

And gazed on dahlia charms with learned eyes.

These things, united with very little difficulty of cultivation, (apart from the preservation of its roots in the winter,) and a capability in the plant of blooming, almost any where, have rendered the dahlia a universal favourite—popular, but not common.

Both convolvulus & the pimpnel fold up their leaves on the approach of wet weather. The latter is called the poor man's weather glass. In the same manner species of trefoil contract their leaves at the approach of a storm, and they have been named the husbandman's barometer. Chickweed is another plant which answers the same purpose. When the flower expands boldly and fully, no rain will hapen for four hours or upwards; if it continue in that open state, no rain will disturb the summer's day. When it half conceals its miniature flower, the day is generally showery, but if it is entirely shut, or veils the white flower, with its green mantle, let the traveller put on his great coat, and the ploughman with his beasts of draught expect rest from their labors.

A GIFTED BIRD.—Mr. J. P. Robertson gives the following account of the wonderful imitative powers of a Paraguay parrot, which he owned when he resided at Assumption:

So acute was the bird—so exquisite his ear—so sagacious his perception—and so strong and instinctive his imitative powers, that I have seen him listen attentively for five minutes to one person's speaking, and give both the words and tone of the speaker. No mimic more accurate—no critic more caustic—no satirist more libellous than this chattering bird. I have heard him imitate the cry of the child, the squeak of the pig, the bark of the dog, and mew of the cat; and all so admirably, that it was impossible not to class him as ventriloquist of the first order. He gave the word of command like a drill-sergeant to a company of soldiers; played trumpet for them, and beat the drum; and then sang the song of "Viva la Prtria."

THE FARMER'S RECEIPT BOOK,
THE SUN FLOWER.

The Sun Flower is a plant of much greater value than is generally known. Instead of a few being permitted to grace a parterre, and considered only as a gaudy flower, experience warrants my saying it should be cultivated by our planters and farmers, as a part of his provision crop. It can be turned to profitable account on all our plantations. For certain purposes it is more valuable than any other grain known to us; inasmuch as it can be made to yield more to the acre in exhausted soils, with little labour, and with great prospect of success.

Its seeds are wholesome and nutritious food for poultry, cattle and hogs, and very much relished by them.

From the seed an oil is obtained, with great facility, as delicate, it is believed, as that of olives.

They are also pectoral. A tea is made of them quite as effective as flax seed, or any other, in catarrhal affections. On one occasion, this tea, sweetened with honey, was of so much more service to me than the prescriptions of my physician, that I attributed my early restoration to health to its agency. Certainly a favorable change did not occur until I used this tea, which I did upon recommendation of a citizen of one of the upper counties of North Carolina.

Its leaves and stalks, in the green state, are preferred by cattle to any provender. I have thrown green grass and fodder in one heap, and sun flowers leaves in another to try the cattle, and they have commenced eating the latter first; this I have tried often with the same result. The whole plant, cut up in the green state, and boiled with cotton seed, or a little meal, affords a delicious food for cattle and hogs. To be convinced of this let one taste the bruised leaves or stalk of the plant; he will find its flavor aromatic, like that of the parsnip, with more sweetness.—*Southern Agriculturist*.

To make a Brilliant Stucco—White-Wash for all buildings, inside & out.—Add one fourth of a pound of whitening or burnt alum pulverised, to one pound of loaf sugar, three quarts of rice flour, made into a thin and well boiled paste, one pound of cleanest glue, dissolved as cabinet makers do. This may be put on cold within doors, but hot outside. This will be as brilliant as plaster of Paris, and retain its brilliancy for many years. The east end of the President's house in Washington, is washed with it.

How to stop a Leak—The best thing for stopping a leak in a cask, is whitening beaten up with common yellow soap; if this mixture be well rubbed into the leak, it will be found to stop it after every thing else has failed.

Frying Pork.—Take one fresh egg, beat it, add half a gill of sweet milk, and a sufficient quantity of flour to make a batter, freshen and fry the pork as usual; then dip the pieces in the batter, which will, of course adhere, replace

‡ As New receipts will be given every year, in this work:—purchasers will find it to their advantage to keep the different numbers of it, by them, until they shall have enough to bind up into a volume. Since no receipts will be given, but those which can be relied upon, after the best experience.