



THE  
UPPER CANADA  
**ALMANAC,**  
AND  
FARMER'S CALENDAR,  
FOR THE YEAR OF OUR LORD

**1831:**

Being the Third after Bissextile, or  
Leap Year;

AND  
THE SECOND YEAR OF THE REIGN OF HIS MAJESTY  
KING WILLIAM THE FOURTH.



*The Calculations for the Meridian of York.*

North Latitude,.....43° 39' 10"

West Longitude,.....79° 36' 6"



BY JAMES G. CHEWETT,  
*Philomath's.*



York, U. C.

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# PRINCIPAL ARTICLES

OF THE

## ALMANAC,

FOR

# 1831.

### CHRONOLOGICAL CYCLES

Dominical Letter.....	B,
Lunar Cycle, or Golden } .....	8
Number, ..... }	
Epact .....	17
Solar Cycle .....	20
Roman Indiction .....	4
Julian Period .....	6,544

### EMBER DAYS:

February .....	23, 25, and 26
May .....	25, 27, and 28
September .....	21, 23, and 24
December.....	14, 16, and 17

### MOVEABLE FEASTS.

Septuagesima Sunday, Jan. 30	Low Sunday, ..... April 10
Quinquagesima, or Shrove	Rogation Sunday, ..... May 8
Sunday..... Feb. 13	Ascension Day, or Holy
Ash Wednesday, or 1st day	Thursday, ..... May 12
of Lent, ..... Feb. 16	Whit Sunday, ..... May 22
Mid Lent Sunday, .... Mar 13	Trinity Sunday, ..... May 29
Palm Sunday, ..... Mar. 27	Advent Sunday, ..... Nov. 27
Easter Day, ..... April 3	

### UPPER CANADA TERMS.

Hilary begins January 3rd, and ends January 15th.  
 Easter begins April 18th, and ends April 30th.  
 Trinity begins June 20th, and ends July 2nd.  
 Michaelmas begins November 7th, and ends Nov. 19th.

### COMMENCEMENT OF THE SEASONS.

Spring, .....	Sun enters ♈	March 21d 8h 21m, morning.
Summer, .....	Sun enters ♊	June 22d 6h 38m, morning.
Autumn, .....	Sun enters ♎	Sept. 23d 7h 6m, afternoon.
Winter, .....	Sun enters ♏	Decr. 22d 1h 6m, afternoon.

## SOLAR AND LUNAR ECLIPSES IN THE YEAR 1831.

**February 12**—The Sun will be Eclipsed at 26 minutes past 5 o'clock in the afternoon;—*here invisible*

**February 26**—The Moon will be Eclipsed at 25 minutes past 10 o'clock in the morning;—*here invisible*

**August 7**—The Sun will be Eclipsed at 24 minutes past 10 o'clock in the afternoon;—*here invisible.*

**August 22**—The Moon will be Eclipsed, *partly visible*, and calculated as follows:—

Beginning,.....3h 22m, morning.

Middle, .....4h 40m

Ecliptic  $\varnothing$  .....4h 48m

End, .....5h 56m

Digits Eclipsed  $5^{\circ} 48'$  from the Southern side of the  $\oplus$ 's shadow, or on the  $\ominus$ 's Northern limb.

### NAMES AND CHARACTERS OF THE PLANETS.

$\odot$ The Sun,		$\♂$ Mars,
$\odot$ The Moon,		$\♃$ Jupiter,
$\☿$ Mercury,		$\♄$ Saturn,
$\♀$ Venus,		$\♁$ Georgian.
$\oplus$ The Earth,		

### NAMES AND CHARACTERS OF THE ASPECTS.

- $\odot$  A Planet's Ascending Node.
- $\oslash$  The Descending Node.
- $\wedge$  Conjunction, or Planets situated in the same Longitude.
- $\square$  Quadrature, or Planets situated in Longitudes differing three signs from each other.
- $\otimes$  Opposition, or Planets situated in opposite Longitudes, or differing six signs from each other.

### THE TWELVE SIGNS OF THE ZODIAC.

First, $\♈$ Aries,		Seventh, $\♎$ Libra,
2, $\♉$ Taurus,		8, $\♏$ Scorpio,
3, $\♊$ Gemini,		9, $\♐$ Sagittarius,
4, $\♋$ Cancer,		10, $\♑$ Capricornus,
5, $\♌$ Leo,		11, $\♒$ Aquarius,
6, $\♍$ Virgo,		12, $\♓$ Pisces.

The Planet ( $\♀$ ) Venus will be the Evening Star until the 1st March, the Morning Star until the 19th December; and then the Evening Star to the end of the year.

1st Month]

JANUARY,

[bath-31 days]

It freezes on ;

Till morn, late rising o'er the drooping world

Efts her pale eye unjoyous. Then appears

The various labour of the silent night :

Prone from the dripping eave and dumb cascade,

Whose idle torrents only seem to roar,

The pendant icicle ; the frost work fair

Where transient hues and fancy'd figures rise.

☾ Last Quar 5th 5h 37m Eve | ☽ First Quar 21st 2h 12m Morn  
 ☾ New Moon 13th 8h 20m Ev | ☽ Full Moon 27th 9h 16m Eve

D	D	Aspects, Holy Days, Anni-	☾	☽	☾	☽	☽
M	W	versaries, &c.	Pl	Rise	Set.	Rise.	Set.
1	Sa	Circumcision, Cold.	☾	7 36	4 24	8 32	9 28
2	B.	2d Sund. after Christmas. Rain	☾	7 36	4 24	9 31	10 6
3	M	☾ in ☾ if W. wind;	☾	7 35	4 25	10 36	10 42
4	Tu	☽ Slower Cl. 4 37, Snow if E.	☾	7 35	4 25	11 34	11 6
5	W		☾	7 34	4 26	morn	11 36
6	Th	Epiphany, Clear and	☾	7 33	4 27	0 3	aft 31
7	Fr	☽ in Apogee, cold.	☾	7 33	4 27	0 30	1 28
8	Sa	Lucian	☾	7 32	4 28	1 0	2 20
9	B	1st Sunday after Epiph Snow.	☾	7 31	4 29	1 30	3 24
10	M		☾	7 31	4 29	2 7	4 19
11	Tu	More	☾	7 30	4 30	2 47	5 13
12	W	☽ in ☾ 9h 30m snow.	☾	7 29	4 31	3 31	6 7
13	Th	Hilary Cam. Term begins. high	☾	7 28	4 32	4 21	6 47
14	Fr	Oxford Term begins winds,	☾	7 27	4 33	5 20	7 40
15	Sa	☽ slow clock 10m and cold	☾	7 26	4 34	6 20	8 24
16	B.	2nd Sunday aft Epiph. weather.	☾	7 25	4 35	7 23	9 1
17	M.	☾ in ☾ ☽ Sta.	☾	7 24	4 36	8 31	9 33
18	Tu	Prisca The cold	☾	7 23	4 37	9 34	10 6
19	W	☽ in ☽ 8 h 15 mode-	☾	7 22	4 38	10 36	10 46
20	Th	Fabian rates.	☾	7 22	4 38	11 13	11 51
21	Fr	Agnes More	☾	7 21	4 39	11 48	morn
22	Sa	Vincent snow	☾	7 20	4 40	aft 24	1 0
23	B.	3rd Sund aft Epiph. and stormy	☾	7 19	4 41	1 49	2 10
24	M	Hilary Term begins weather.	☾	7 18	4 42	1 58	3 19
25	Tu	Conversion of St. Paul	☾	7 17	4 43	2 58	4 20
26	W	☾ in Perigee Now	☾	7 16	4 44	3 52	5 24
27	Th	Duke of Sussex born, '73. clear	☾	7 15	4 45	4 58	6 22
28	Fr	☽ slow clock 13m 13s and	☾	7 14	4 46	6 1	7 10
29	Sa	K. Geo IV access. 1820, settled.	☾	7 13	4 47	7 11	7 51
30	B	Septuag. Sun. K. Ch's I, Martyr	☾	7 12	4 48	8 11	8 23
31	M	King Geo. IV. proclaimed, 1820	☾	7 11	4 49	9 11	8 58

2nd Month]

**FEBRUARY,**

[hath 28 days.

The whit'ning shower descends  
 Broad, wide, and fast, dimming the day  
 With a continual flow. The laborer-ox  
 Stands cover'd o'er with Snow :—The fowls of heaven  
 Tam'd by the cruel season crow'd around  
 The winnowing store, and claim the little boon  
 Which Providence assigns them. The bleating kind  
 Eye the bleak heaven—and sad, dispers'd,  
 Dig for the wither'd herb, through heaps of snow.

② Last Qr. 4th, 2h 55m Even | ① First Qr. 19th, 9h 42m Morn  
 ③ New Moon 12th, 11h 41m Mo | ④ Full Moon 26th, 11h 33m Mor

D	D	Aspects, Holy Days, Anni	☾	☾	☾	☾	☾
W	M	versaries, &c.	Pl	Rise	Set	Rise	Set.
1	Tu	☾ slow clock 13m 52s	☾	7 10	4 50	9 56	9 29
2	W	Purification of B V. Mary	☾	7 9	4 51	10 24	10 14
3	Th	Bla. on mor. of Purif. 3 ret.	☾	7 8	4 52	10 53	11 10
4	Fr	☾ in Apogee <i>More</i>	☾	7 6	4 54	11 24	11 57
5	Sa	Agatha <i>snow.</i>	☾	7 5	4 55	11 58	1 4
6	B	Sexagesima Sunday	☾	7 4	4 56	morn	2 2
7	M	☿ Sta. <i>Good</i>	☿	7 2	4 58	0 36	2 58
8	Tu	<i>sleighting.</i>	☿	7 1	4 59	1 19	3 51
9	W	In 8 days of Purif 4 ret.	☿	6 59	5 1	2 8	4 44
10	Th	<i>Cold</i>	☿	6 58	5 2	3 3	5 31
11	Fr	☾ slow clock 14m 34s <i>high</i>	☿	6 57	5 3	4 2	6 14
12	Sa	Hilary Term ends <i>winds.</i>	☿	6 55	5 5	5 3	6 53
13	B	Quinquagesima Sunday	☿	6 53	5 7	6 12	7 32
14	M	Valentine <i>Cold</i>	☿	6 52	5 8	7 26	8 6
15	Tu	Shrove Thursday <i>continues.</i>	☿	6 50	5 10	8 24	8 44
16	W	Ash Wednesday	☿	6 49	5 11	9 12	9 40
17	Th	Camb. Term. div. m. <i>Stormy</i>	☿	6 48	5 12	9 47	10 51
18	Fr	☾ in Perigee <i>and rough,</i>	☿	6 47	5 13	10 24	11 58
19	Sa	☿ Gr Elong. <i>with snow.</i>	☿	6 45	5 15	11 5	morn
20	B	1st Sunday in Lent <i>or sleet.</i>	☿	6 44	5 16	11 51	1 7
21	M		☿	6 42	5 18	aft 41	2 15
22	Tu	☾ slow clock 13m 52s <i>Now</i>	☿	6 41	5 19	1 41	3 16
23	W	<i>moderate.</i>	☿	6 40	5 20	2 43	4 13
24	Th	St. Matthias. D: of Camb. born	☿	6 39	5 21	3 46	5 3
25	Fr	<i>Cold</i>	☿	6 38	5 22	4 52	5 46
26	Sa	☾ in ☿ <i>and</i>	☿	6 36	5 24	5 56	6 24
27	B	2nd Sunday in Lent <i>rough.</i>	☿	6 34	5 26	6 57	6 58
28	M		☿	6 32	5 28	7 52	7 27

3d Month]

**MARCH.**

[hath 31 days.]

The loosen'd tempest reigns :

The moutain thunders ; and its sturdy sons

Steop to the bottom of the rocks they shade :

Low waves the rooted forest, scatter'd by the winds-

Assiduous fury, its gigantic limbs—

Thus struggling through the dissipated grove.

The whirling tempest raves along the plain.

① Last Qr. 6th 11h 54m Morn | ④ First Qr. 20th, 5h 0m Even  
 ② New Moon 14th, 0h 32m Mor | ⑤ Full Moon 28th, 3h 4m Mor

D	D	Aspects, Holy Days, Anni-	☾	☾	☾	☾	☾
M	W.	versaries, &c.	☾	Rise	Set.	Rise.	Sets.
1	Tu	David <i>Clear</i>	☾	6 30	5 30	8 27	8 2
2	W	Chadwick <i>and</i>	☾	6 29	5 31	8 56	8 57
3	Th	☉ slow clock 12m 18s <i>frosty.</i>	☾	6 27	5 33	9 25	9 56
4	Fr		☾	6 25	5 35	9 57	10 53
5	Sa	☉ in Apogee <i>High</i>	☾	6 24	5 36	10 34	11 53
6	B	3rd Sunday in Lent <i>winds.</i>	☾	6 23	5 37	11 15	aft 48
7	M	Perpetua <i>Cold</i>	☾	6 21	5 39	morn	1 43
8	Tu		☾	6 20	5 40	0 1	2 35
9	W	☉ Lat 3 2 24 <i>A little</i>	☾	6 18	5 42	0 53	3 25
10	Th	<i>more</i>	☾	6 16	5 44	1 50	4 10
11	Fr	☉ in ♍ <i>pleasant.</i>	☾	6 15	5 45	2 52	4 52
12	Sa	Gregory, Martyr	☾	6 14	5 46	3 57	5 31
13	B	4th Sunday in Lent, Mid Lent	☾	6 12	5 48	5 15	5 57
14	M	<i>Rain</i>	☾	6 11	5 49	6 15	6 43
15	Tu	☉ slow clock 9m 17s <i>or</i>	☾	6 9	5 51	7 18	7 28
16	W	<i>sleet.</i>	☾	6 8	5 52	7 53	8 39
17	Th	☉ in Perigee	☾	6 7	5 53	8 29	9 53
18	Fr	Edward, King of West Saxons.	☾	6 5	5 55	9 9	11 5
19	Sa	<i>Clear</i>	☾	6 4	5 56	9 54	morn
20	B	5th Sunday in Lent <i>and</i>	☾	6 2	5 58	10 54	0 14
21	M	Benedict <i>cold.</i>	☾	6 0	6 0	11 44	1 26
22	Tu		☾	5 58	6 2	aft 46	2 14
23	W		☾	5 56	6 4	1 44	3 4
24	Th	☉ in ♎	☾	5 54	6 6	2 46	3 52
25	Fr	Camb. Term ends. Annunc. of	☾	5 53	6 7	3 51	4 32
26	Sa	Oxford Term ends. [R.V. Mary	☾	5 52	6 8	4 43	5 5
27	B	6th Sund. in Lent Palm Sund.	☾	5 51	6 9	5 53	5 35
28	M	<i>Stormy;</i>	☾	5 50	6 10	6 34	6 5
29	Tu	<i>rain,</i>	☾	5 48	6 12	7 3	6 51
30	W	☉ slow clock, 4m 44s <i>hail,</i>	☾	5 47	6 13	7 32	7 53
31	Th	<i>or snow.</i>	☾	5 46	6 14	8 3	8 52



4th Month]

APRIL,

[bath 30 d

No more

Th' expansive atmosphere is cramp'd with cold;  
 But, full of life and vivifying soul  
 Lifts the light clouds sublime, and spreads them thin,  
 Fleecy and white, o'er all-surrounding heaven.  
 The softer gales succeed, at whose kind touch,  
 Dissolving snows in livid torrents lost,  
 The mountains lift their green heads to the sky.

☾ Last Qr. 5th, 9h 43m Morn ☽ First Qr. 19th 1h 10m. Morn  
 ☾ New Moon 12th, 10h 43m Mo ☽ Full Moon 26th, 7h 2m Even

D	M	W	Aspects, Holy Days, Anniversaries, &c	☾	☽	☾	☽	☽
				Rise	Set	Rise.	Set.	
1	Fr		Good Friday	☾	5 43	6 17	8 43	9 51
2	Sa	☾	in Apogee	☾	5 42	6 18	9 20	10 43
3	B.		Easter Day. Rich. Ep. of Chic	☾	5 41	6 19	10 0	11 38
4	M		Easter Monday. St. Ambrose	☾	5 40	6 20	10 51	12 36
5	Fu		Easter Tuesday Rain,	☾	5 38	6 22	11 44	1 28
6	W		and	☾	5 37	6 23	morn	2 10
7	Th	☾	slow clock 2m 19s unsettled	☾	5 36	6 24	0 37	2 57
8	Fr		weather	☾	5 35	6 25	1 36	3 40
9	Sa	☾	in ☽	☾	5 33	6 27	2 54	4 4
10	B		1st Sund. aft. Easter. Low Sun	☾	5 31	6 29	4 14	4 50
11	M		More	☾	5 30	6 30	5 12	5 18
12	To		rain,	☾	5 28	6 32	5 54	6 24
13	W		Oxf. & Camb. Term begins. and	☾	5 27	6 33	6 30	7 40
14	Th	☾	in Perigee cloudy	☾	5 25	6 35	7 10	8 56
15	Fr			☾	5 24	6 36	7 56	10 8
16	Sa	☾	and Clock equal	☾	5 22	6 38	8 47	11 17
17	B.		2nd Sunday after Easter. It is	☾	5 21	6 39	9 42	morn
18	M		Fr. East in 15 days 1 ret. now	☾	5 20	6 40	10 43	0 18
19	Tu		Alphege more	☾	5 18	6 42	11 44	1 18
20	W		Easter Term begins. pleasant.	☾	5 17	6 43	12 48	2 2
21	Th	☾	in ☽ Cold	☾	5 16	6 44	1 58	2 50
22	Fr	☾	enters ☽ nights.	☾	5 14	6 46	2 54	3 13
23	Sa		St. George. K. Geo IV, b. d. kept	☾	5 13	6 47	3 53	3 48
24	B.		3rd Sunday after Easter	☾	5 11	6 49	4 45	4 17
25	M		Fr. East in 3w. 2 ret. St Mark.	☾	5 10	6 50	5 12	4 53
26	Tu		[D of Glouc. b.	☾	5 8	6 52	5 41	5 52
27	W	☾	fast clock 2m 23s pleasant	☾	5 7	6 53	6 12	6 5
28	Th	☾	Sra. lo the	☾	5 5	6 55	6 44	7 58
29	Fr	☾	in Apogee end.	☾	5 4	6 56	7 21	8 46
30	Sa			☾	5 3	6 57	8 1	9 42

5th Month]

**MAY,**

[hath 31 days.]

Of let me wander o'er the dewy fields  
 Where freshness breathes, and dash the trembling drops  
 From the bent bush, as through the verdant maze  
 Of sweet-brier hedges I pursue my walk,  
 And see the country far diffus'd around,  
 One boundless blush, one white-empurpled shower  
 Of mingled blossoms.

☾ Last Qr. 4th, 9h 18m Eve ☽ First Qr. 18th, 10h 55m Morn  
 ☾ New Moon 11th, 6h 54m Ev ☽ Full Moon 26th, 10h 43m Morn

D	M	W	Aspects, Holy Days, Anni- versaries, &c.	☾	☽	☾	☽	☾	☽
				Pl	Rise	Set.	Rise.	Set.	
1	B.		4th Sun. aft Easter. St Philip &	♄	5 26	58	8 49	10 37	
2	M		Fr. East in 1 Mo 3 ret. [St. Jas.	♅	5 16	59	9 31	11 27	
3	Tu		Invention of the Cross. <i>Moist.</i>	♅	5 07	0	10 35	aft 3	
4	W		☼ fast clock 3m 21s. and pro-	♁	4 59	7	11 35	0 57	
5	Th		☼ in ♍ <i>bably some</i>	♁	4 58	7	2 morn	1 35	
6	Fr		St. John Ev. Ante Port L. rain	♁	4 57	7	3 0 37	2 11	
7	Sa			♁	4 55	7	5 1 43	2 45	
8	B.		5th Sun aft Easter. Rog. Sun.	♁	4 54	7	6 2 52	3 18	
9	M		Fr. East in 5w. 4 ret. [Clear	♅	4 53	7	7 3 41	3 51	
10	Tu		☼ in ☐ 11h 30m <i>Thunder</i>	♅	4 52	7	8 4 27	5 13	
11	W		☼ in Perigee <i>in ma-</i>	♅	4 51	7	9 5 3	6 29	
12	Th		Ascens. D. Holy Thurs. <i>ny pla-</i>	♅	4 49	7	11 5 47	7 47	
13	Fr		On mor. of Ascen, 5 ret. <i>ces.</i>	♅	4 48	7	12 6 28	8 50	
14	Sa		☼ fast clock 3m 55s	♅	4 47	7	13 7 31	10 9	
15	B.		Sund aft Ascens. Day. <i>Clear.</i>	♅	4 45	7	15 8 32	11 8	
16	M		Easter Term Ends	♅	4 44	7	16 9 36	morn	
17	Tu		☼ in ☐ 11h 30m <i>Change-</i>	♅	4 43	7	17 10 41	0 1	
18	W		☼ in ♌ <i>able.</i>	♅	4 42	7	18 11 46	0 45	
19	Th		Dunstan.	♅	4 42	7	18 aft 49	1 20	
20	Fr		<i>Vegitation</i>	♅	4 41	7	19 1 51	1 53	
21	Sa		Oxford Term ends <i>now</i>	♅	4 40	7	20 2 49	2 21	
22	B.		Whit Sund. Prs. of Hamburg	♅	4 39	7	21 3 17	2 51	
23	M		Whit Monday <i>rapid.</i>	♅	4 38	7	22 3 45	3 49	
24	Tu		Whit Tuesday	♅	4 38	7	22 4 14	4 47	
25	W		Oxford Term begins	♅	4 37	7	23 4 46	5 44	
26	Th		Camb. Term div n Aug. 1st,	♅	4 37	7	23 5 20	6 42	
27	Fr		Ven. Bede. [Abp of Cant.	♅	4 36	7	24 6 1	7 38	
28	Sa		<i>Perhaps a little</i>	♅	4 35	7	25 6 44	8 31	
29	B.		Trinity Sund. K. Chs. 11, resto.	♅	4 34	7	26 7 33	9 24	
30	M		On mor. of H. Tr. 1 ret. <i>more</i>	♅	4 34	7	26 8 27	10 11	
31	Tu		☼ fast clock 2m 55s <i>rain.</i>	♅	4 33	7	27 9 25	10 55	

6th Month]

JUNE

[hath 30 days]

— The breathing prospect bids the muse  
 Throw all her beauty forth. But who can paint  
 Like nature? Can Imagination boast  
 Amid its gay creation, hues like hers?  
 Or can it mix them with that matchless skill,  
 And lose them in each other, as appears  
 In every bud that blows.

☉ Last Qr. 3rd, 10h 3m Morn. ☽ First Qr 16th, 10h 42m Ev.  
 ☾ New Moon 10th, 1h 34m Mor ☿ Full Moon 25th, 1h 43m Mo

D	M	W	Aspects, Holy Days, Anni- versaries, &c.	☾	☿	☽	♂	♀
				Pi	Rise	Set	Rise	Set
1	W		Nicomede	☾	4 33	7 27	10 26	11 38
2	Th		☉ in ♊ Foggy	☾	4 33	7 27	11 28	aft 10
3			Trinity Term begins dark	☾	4 32	7 28	morn	0 46
4	Sa		weather.	☾	4 32	7 28	0 34	1 16
5	S		1st Sun aft Tr. Boniface D of	☿	4 31	7 29	1 40	1 48
6	M		In 8 days of H. Tr. 2 ret [Cam. b.	☿	4 31	7 29	2 21	2 51
7	Tu			☿	4 30	7 30	2 55	4 5
8	W		☉ fast clock 1m 28s Clear	☿	4 29	7 31	3 34	5 18
9	Th		☉ in Perigee and	☿	4 29	7 31	4 19	6 31
10	Fr		☿ Sta fine	☿	4 28	7 32	5 11	7 48
11	Sa		St. Barnabas weather.	☿	4 28	7 32	6 10	8 50
12	S		2nd Sunday after Trinity.	☿	4 28	7 32	7 12	9 48
13	M		In 15 days of H Term, 3 ret.	☿	4 27	7 33	8 18	10 38
14	Tu		☉ in ♋	☿	4 27	7 33	9 27	11 19
15	W		☉ and clock equal. Expect	☿	4 27	7 33	10 33	11 51
16	Th		some	☿	4 26	7 34	11 37	morn
17	Fr		St. Alban. Thunder	☿	4 26	7 34	aft 41	0 26
18	Sa		showers.	☿	4 26	7 34	1 19	0 49
19	S		3rd Sunday after Trinity	☿	4 25	7 35	1 46	1 36
20	M		In 3 w. of H. Tr. 4 ret. Tra. o	☿	4 25	7 35	2 15	2 34
21	Tu		☿ Gr. Elong. [Ed. K. of W. Sax	☿	4 24	7 36	2 44	3 31
22	W		Trinity Term ends	☿	4 25	7 35	3 18	4 30
23	Th		☉ in Apogee	☿	4 26	7 34	3 54	5 26
24	Fr		Nativity of St. Jno Bapt. Clear.	☿	4 26	7 34	4 37	6 22
25	Sa			☿	4 27	7 33	5 24	7 15
26	S		4th Sun. aft Trinity. Pleasant	☿	4 27	7 33	6 13	8 4
27	M		growing	☿	4 27	7 33	7 9	8 58
28	Tu		☉ slow clock 2m 44s. weather.	☿	4 28	7 32	8 11	9 31
29	W		St. Peter	☿	4 28	7 32	9 14	10 9
30	Th		☉ in ♊	☿	4 28	7 32	10 18	10 52

7th Month]

**JULY.**

[bath 31 days.]

'Tis raging Noon:—The mower sinking heaps  
 O'er him the humid hay, with flowers perfum'd;  
 And scarce a chirping grass-hopper is heard  
 Thro' the dumb mead. Distressful nature pants.  
 The very streams look languid from afar;  
 Or thro' th' unshelter'd glade, impatient, seem  
 To hurl into the covert of the shade.

☉ Last Qr. 2d, 6h 33m Even. ☾ First Qr. 16th, 0h 46m Even  
 ☊ New Moon 9th, 8h 30m Mor ☌ Full Moon 24th 3h 48m Eve

D	D	Aspects, Holy Days, Anniversaries, &c.		☉	☉	☉	☉	☉
M	W				Rise	Set.	Rise.	Set.
1	Fr	☉ slow Clock 3m 17s Now	☿	4 29	7 31	11 25	11 12	
2	Sa	Visit of B. V. Mary sultry	♊	4 29	7 31	morn	11 41	
3	B.	5th Sunday aft Trinity Some	♊	4 30	7 30	0 15	aft 31	
4	M	Transl of St. Martin distant	♋	4 30	7 30	0 47	1 41	
5	Tu	Oxford Act. and Camb. Com.	♋	4 30	7 30	1 24	2 50	
6	W	Thunder.	♌	4 31	7 29	2 2	4 2	
7	Th	☉ in Perigee Sultry.	♌	4 31	7 29	2 49	5 13	
8	Fr	Camb Term ends.	♍	4 32	7 28	3 43	6 21	
9	Sa	Oxford Term ends Now refresh	♍	4 32	7 28	4 44	7 24	
10	B.	6th Sunday aft Trinity ing	♎	4 33	7 27	5 50	8 18	
11	M	showers.	♎	4 33	7 27	7 0	9 6	
12	Tu	☉ in ♌	♎	4 34	7 26	8 0	9 34	
13	W	Clear and	♏	4 35	7 25	9 15	10 17	
14	Th	☉ slow clock 5m 23s pleasant	♏	4 36	7 24	10 18	10 48	
15	Fr	Swithin.	♐	4 36	7 24	11 18	11 18	
16	Sa	A storm	♐	4 37	7 23	11 45	morn	
17	B.	7th Sunday aft Trinity may	♑	4 37	7 23	aft 13	0 19	
18	M	☉ in Apogee be expected	♑	4 38	7 22	0 42	1 19	
19	Tu	King Geo. iv. crowned, 1821	♑	4 39	7 21	1 14	2 16	
20	W	Margaret	♒	4 40	7 20	1 50	3 14	
21	Th		♒	4 41	7 19	2 30	4 16	
22	F.	Magdalen	♓	4 42	7 18	3 18	5 4	
23	Sa	☉ enters ♏ I fear	♓	4 43	7 17	4 8	5 54	
24	B.	8th Sunday after Trinity we	♓	4 44	7 16	5 1	6 42	
25	M	St. James shall	♑	4 45	7 15	6 3	7 27	
26	Tu	St. Anne have	♑	4 46	7 14	7 5	8 7	
27	W	☉ in ♏ a little	♑	4 47	7 13	8 10	8 41	
28	Th	too much	♑	4 48	7 12	9 14	9 14	
29	F.	☉ slow clock 6m 7s rain	♒	4 49	7 11	10 17	9 44	
30	Sa	♀ Gr. Elong this	♒	4 50	7 10	10 50	10 17	
31	B.	9th Sunday aft Trinity month	♒	4 51	7 9	11 23	11 24	

8th Month]

**AUGUST,**

[hath 31 days]

Attemper'd Suns arise

Sweet beam'd, and shedding oft through lucid clouds

A pleasing calm; while broad, and brown, below

Extensive Harvests hang the heavy head.

Rich, silent, deep, they stand; for not a gale

Rolls its light billows o'er the plain:

A calm of plenty!

① Last Qr. 1st, 0h 4m Morn. ② First Qr. 15th, 5h 7m Morn.

③ New Moon 7th, 4h 16m Eve. ④ Full Moon 23d, 4h 48m Morn.

⑤ Last Quarter 30th, 5h 31m Morn.

D	M	W	Aspects, Holy Days, Anni- versaries, &c	P	Rise	Set.	Rise.	Set.
1	M		Lammas Day - Very	☾	4 52	7 8	morn	0 33
2	Tu		sultry.	☾	4 53	7 7	0 1	1 46
3	W	☉	slow clock 5m 53s indeed	☐	4 54	7 6	0 42	2 58
4	Th		Clear	☐	4 55	7 5	1 33	4 3
5	Fr	☾	in Perigee fine	☾	4 56	7 4	2 30	5 6
6	Sa		Transfig. of our Lord weather.	☾	4 57	7 3	3 31	6 7
7	B		10th Sund. aft Trinity. Name	☾	4 58	7 2	4 37	6 53
8	M	☉	in ☾ [of Jesus.	☾	4 59	7 1	5 46	7 38
9	Tu	☾	in ☉ 9h aft. Sultry,	☾	5 0	7 0	6 57	8 15
10	W		St. Lawrence with	☾	5 2	6 58	8 2	8 50
11	Th		thunder.	☾	5 4	6 56	9 5	9 21
12	Fr		King Geo. iv b. 1762	☾	5 5	6 5	9 35	10 21
13	Sa		Rain	☾	5 6	6 54	10 15	11 9
14	B.		11th Sun. aft Trinity. in many	☾	5 7	6 53	10 43	morn
15	M		places.	☾	5 8	6 52	11 24	0 7
16	Tu	☉	in Apogee	☾	5 9	6 51	11 45	1 6
17	W	☉	slow clock 3m 56s Cloudy	☾	5 10	6 50	aft 29	2 7
18	Th			☾	5 11	6 49	1 13	2 59
19	Fr		Clear and	☾	5 12	6 48	2 0	3 51
20	Sa		fine.	☾	5 13	6 47	2 55	4 40
21	B.		12th Su. aft Trin. D. of Clar. b.	☾	5 14	6 46	3 54	5 27
22	M	☉	in ☉	☾	5 16	6 44	4 55	6 6
23	Tu	☉	enters ☿ Rather	☿	5 17	6 43	6 0	5 45
24	W		St. Bartholomew change-	☿	5 18	6 42	7 6	7 20
25	Th		able.	☿	5 20	6 40	8 12	7 52
26	Fr	☉	slow clock 1m 46s	☿	5 22	6 38	8 54	8 24
27	Sa			☿	5 23	6 37	9 29	9 24
28	B.		13th Su. aft Trin. St Augustine	☾	5 26	6 34	10 6	10 31
29	M		St. Jno Bap. beheaded. Cloudy.	☾	5 28	6 32	10 44	11 40
30	Tu	☉	Gr. Elong.	☐	5 29	6 31	11 32	aft 52
31	W	☉	in Perigee	☐	5 30	6 30	morn	1 58

9th month]

**SEPTEMBER.**

[hath 30 days.]

Hence from the busy joy-resounding fields  
 In cheerful error, let us tread the maze  
 Of Autumn, unconfin'd: and taste reviv'd  
 The breath of Orchard big with bending fruit.  
 Obedient to the breeze, and beating ray  
 From the deep loaded bough a mellow shower  
 Incessant melts away.

☾ New Moon. 6 h. 3h 16m Morn | ☽ Full Moon 21st, 4h 38m Eve  
 ☾ First Qr. 13th, 11h 25m Eve | ☽ Last Qr. 28th, 11h 11m Morn

D	M	W	Aspects, Holy Days, Anniversaries, &c.	☾	☽	☾	☽	☾	☽
				Pi	Rise	Set	Rise	Set	
1	Th		St. Giles, <i>Clears</i>	☾	5 31	6 29	0 24	3 4	
2	F.		London burnt 1666 O. S. <i>up.</i>	☾	5 33	6 27	1 25	4 3	
3	Sa	☽	fast clock 0m 36s	☾	5 34	6 26	2 30	4 54	
4	B		14 Sun. aft. Trinity,	☾	5 36	6 24	3 37	5 39	
5	M	☾	in ☾ <i>weather</i>	☾	5 37	6 23	4 50	6 12	
6	Tu		<i>now</i>	☾	5 38	6 22	5 51	6 54	
7	W		Enurehus, <i>variable.</i>	☾	5 40	6 20	6 57	7 27	
8	Th		Nativity of B. V. Mary <i>Rain</i>	☾	5 42	6 18	7 54	8 0	
9	Fr		<i>in many</i>	☾	5 44	6 16	8 22	9 4	
10	Sa		<i>places.</i>	☾	5 46	6 14	8 52	10 0	
11	B.		15th Sunday after Trinity.	☾	5 48	6 12	9 20	11 2	
12	M	☽	Sta. <i>A proba-</i>	☽	5 49	6 11	9 54	morn	
13	Tu	☽	in Apogee <i>bility</i>	☽	5 50	6 10	10 32	0 1	
14	W		Holy Cross, <i>of</i>	☽	5 51	6 9	11 18	0 56	
15	Th		<i>fine weather</i>	☽	5 52	6 8	11 1	1 49	
16	Fr	☽	fast clk. 5m. <i>for</i>	☽	5 53	6 7	0 56	2 40	
17	Sa		Lambert, <i>some</i>	☽	5 54	6 6	1 48	3 22	
18	B.		16th Sunday aft Trinity, <i>time.</i>	☽	5 55	6 5	2 49	4 0	
19	M	☽	in ☽	☽	5 56	6 4	3 52	4 49	
20	Tu			☽	5 57	6 3	4 58	5 46	
21	W		St. Matthew, <i>showers</i>	☽	5 58	6 2	6 7	6 0	
22	Th		<i>of</i>	☽	5 59	6 1	7 5	6 33	
23	Fr	☽	enters ☽ <i>rain.</i>	☽	6 0	6 0	7 39	7 17	
24	Sa	☽	in ☽ 3h aft.	☽	6 1	5 59	8 13	8 27	
25	B.		17th Sun. aft Trinity, <i>Clear.</i>	☽	6 2	5 58	8 52	9 39	
26	M		St. Cyprian,	☽	6 4	5 56	9 38	10 59	
27	Tu	☽	in Perigee,	☽	6 6	5 54	10 28	aft 1	
28	W	☽	fast clk, 9m. 10s. <i>More</i>	☽	6 8	5 52	11 26	1 6	
29	Th		St. Michael, Q. of Wert. born,	☽	6 10	5 50	morn	2 6	
30	Fr		St. Jerome. <i>rain</i>	☽	6 11	5 49	0 27	2 59	

B.

10th month]

OCTOBER.

[hath 31 days.]

A sober calm

Fleeces unbounded ether : whose least wave  
 Stands tremulous, uncertain where to turn  
 The gentle current. Then is the time  
 For those whom wisdom and whom nature charm,  
 To sooth the throbbing passions into peace,  
 And woo lone quiet in her silent walks.

☾ New Moon 5.h 4h 27m Eve ☽ Full Moon 21st 8h 27m Morn  
 ☾ First Quar 13th 6h 42m Ev ☽ Last Quar 27.h 6h 45m Even

D	D	Aspects Holy Days, Anni-	☾	☽	☾	☽	☽
M	W	versaries,, &c.	Pi	Rise	Set.	Risc.	Set.
1	Sa	Remigius. Clear.	☾	6 12 5 48	1 36	3 42	
2	B	18th Sunday aft Trinity	☾	6 13 5 47	2 30	4 24	
3	M	☾ m ☾ High	☾	6 15 5 45	3 45	4 59	
4	Tu	winds,	☾	6 17 5 43	4 53	5 33	
5	W	☾ fast clock 11m 23s with	☾	6 19 5 41	5 57	6 3	
6	Th	Faith.	☾	6 21 5 39	6 30	6 56	
7	Fr	rain.	☾	6 23 5 37	7 0	7 58	
8	Sa	♀ in ♂ 0h 30m aft. Cold.	☾	6 25 5 35	7 31	8 59	
9	B	19th Sun. aft Trinity, St. Denys.	☾	6 27 5 33	7 51	10 11	
10	M	Oxf. & Camb. Term begins.	☾	6 28 5 32	8 36	11 0	
11	Tu	☾ in Apogee More	☾	6 30 5 30	9 16	11 52	
12	W	♀ Gr. Elong warm.	☾	6 31 5 29	10 0	morn	
13	Th	Transl of K. Edw. Conf.	☾	6 32 5 28	10 50	0 44	
14	Fr	☾ fast clock 12m 47s Fair	☾	6 34 5 26	11 53	1 33	
15	Sa	☾ in ☿	☾	6 35 5 25	aft 48	2 7	
16	B	20th Sunday after Trinity.	☾	6 37 5 23	1 46	2 52	
17	M	Ethelreda. Windy,	☾	6 39 5 21	2 48	3 29	
18	Tu	St. Luke and	☾	6 40 5 20	3 45	4 2	
19	W	some	☾	6 42 5 18	5 4	4 45	
20	Th	rough	☾	6 43 5 17	5 53	5 8	
21	Fr	☿ Sta.	☾	6 44 5 16	6 9	6 13	
22	Sa	weather.	☾	6 46 5 14	6 56	7 29	
23	B	21st Sund. aft. Trinity. Rain.	☾	6 47 5 13	7 41	8 44	
24	M	☾ in Perigee	☾	6 48 5 12	8 39	9 55	
25	Tu	Crispin.	☾	6 50 5 10	9 27	10 57	
26	W	Fair	☾	6 52 5 8	10 27	aft 9	
27	Th	☾ fast clock 15m 57s to the	☾	6 53 5 7	11 32	1 3	
28	Fr	St. Simon and St. Jude end.	☾	6 54 5 6	morn	1 50	
29	Sa	☾ in ☾	☾	6 55 5 5	0 37	2 33	
30	B	22nd Sunday after Trinity	☾	6 57 5 3	1 41	3 9	
31	M		☾	6 58 5 1	2 46	3 40	

[11th month],

**NOVEMBER.**

[hath 30 days.]

Then comes the Father of the tempest forth,  
 Wrapt in black glooms. First joyless rains obscure  
 Drive thro' the mingling skies with vapor foul ;  
 Dash on the mountain's brow, and shake the woods,  
 That grumbling wave below.  
 Snatch'd in short eddies plays the wither'd leaf.  
 And on the flood the dancing feather floats.

☾ New Moon 4th, 8b 21m Morn ☽ Full Moon 19th 1h 40m Eve  
 ☽ First Qr. 12th 1h 28m. Eve. ☾ Last Qr. 26th, 5h 11m Morn.

D	D	Aspects, Holy Days, Anni-	☾	☽	☾	☽	☽
M	W	versaries, &c.	P	Rise	Set.	Rise.	Set.
1	Tu	All Saints.	☾	7 1 4 59	3 51	4 7	
2	W	All Souls. [Soph. b	☾	7 2 4 58	4 31	4 57	
3	Th	On M. of All Souls 1 ret. Prs.	☾	7 3 4 57	5 6	5 52	
4	Fr	☽ fast Clock 16m 16s Change.	☾	7 4 4 56	5 33	6 53	
5	Sa	Powder Plot, 1605, [able	☾	7 5 4 55	6 4	7 52	
6	B.	23rd Sun. aft Trinity, Leonard	☾	7 6 4 54	6 38	8 50	
7	M	Michaelmas Term begins	☾	7 7 4 53	7 12	9 50	
8	Tu	Prs. Augusta Sophia b. Warm	☾	7 8 4 52	7 59	10 39	
9	W	☽ in Apogee foggy	☾	7 9 4 51	8 44	11 28	
10	Th	weather.	☾	7 10 4 50	9 36	morn	
11	Fr	St. Martin [Mar. 2 ret.	☾	7 12 4 48	10 30	0 12	
12	Sa	Cam T div. m. on mor. of St	☾	7 14 4 46	11 29	0 51	
13	B.	24th Sunday aft Trinity, Britius	☾	7 15 4 45	aft 29	1 29	
14	M	Now	☾	7 16 4 44	1 32	2 3	
15	Tu	Machutus pleasant.	☾	7 17 4 43	2 35	2 86	
16	W	☽ fast clock 15m 6s	☾	7 18 4 42	3 30	3 9	
17	Th	Hugh B. of Lincoln High	☾	7 19 4 41	4 10	3 54	
18	Fr	In 8 days of St. Martin 3 ret.	☾	7 20 4 40	4 49	4 58	
19	Sa	winds, and rain.	☾	7 21 4 39	5 25	6 9	
20	B.	25th Sunday aft Trinity Edm.	☾	7 22 4 38	6 14	7 29	
21	M	☽ in Perigee [K. & Martyr	☾	7 23 4 37	7 9	8 32	
22	Tu	Cecilia	☾	7 24 4 36	8 12	9 41	
23	W	St. Clement, Cold rain	☾	7 25 4 35	9 18	10 52	
24	Th	☽ in ☽ [Cather.	☾	7 26 4 34	10 25	11 44	
25	Fr	In 15d of St. Martin 4 ret.	☾	7 27 4 33	11 32	aft 29	
26	Sa	from West,	☾	7 28 4 32	morn	1 6	
27	B.	Advent Sunday or Snow	☾	7 29 4 31	0 35	1 41	
28	M	Mich. Term ends. from East.	☾	7 30 4 30	1 39	2 9	
29	Tu	☽ fast clock 11m 38s	☾	7 30 4 30	2 24	2 34	
30	W	St. Andrew	☾	7 31 4 29	3 3	3 43	



12th month]

**DECEMBER.**

[bath 31 days

Mysterious round! what skill, what force divine,  
 Deep felt, in these appear! a simple train,  
 Yet so delightful mixt with such kind art,  
 Such beauty and beneficence combin'd;  
 Shade, unperceived, so softening into shade;  
 And all so forming an harmonious whole,  
 That as they still succeed, they ravish still.

☾ New Moon 4th, 2h 31m Mor | ☽ Full Moon 18th, 11h 53m Ev  
 ☽ First Qr. 12th, 6h 5m Morn | ☾ Last Qr. 25th, 6h 53m Even.

D	D	Aspects. Holy Days, Anni-	☽	☽	☽	☽	☽
M	W	versaries, &c.	Pl	Rise	Set.	Rise.	Set.
1	Tu	☽ fast clock 10m 54s	☾	7 32	4 28	3 31	4 41
2	Fr		☾	7 32	4 28	4 6	5 34
3	Sa		☽	7 32	4 28	4 32	6 38
4	B.	2nd Sunday in Advent Stormy.	☽	7 33	4 27	5 9	7 25
5	M	☽ in Apogee Snow	☽	7 33	4 27	5 49	8 29
6	Tu	Nicolas. or rain.	☽	7 34	4 26	6 35	9 19
7	W	☽ in ☐ 2h 45m aft.	☽	7 34	4 26	7 22	10 4
8	Th	Conception of B. V. Mary	☽	7 35	4 25	8 13	10 47
9	Fr	☽ in ☾ Flying cloud.	☽	7 35	4 25	9 14	11 18
10	Sa	☽ fast clock 7m 9s Chilly	☽	7 36	4 24	10 8	11 58
11	B.	3rd Sunday in Advent winds.	☽	7 36	4 24	11 11	morn
12	M		☽	7 37	4 23	aft 13	0 27
13	Tu	Lucy Probability	☽	7 37	4 23	1 20	0 57
14	W	of	☽	7 38	4 22	1 55	1 20
15	Th	Snow.	☽	7 38	4 22	2 27	2 27
16	Fr	Camb. Term ends. O. Sap. High	☽	7 38	4 22	3 5	3 37
17	Sa	Oxford Term ends. cold	☽	7 39	4 21	3 46	4 49
18	B.	4th Sunday in Advent, winds.	☽	7 39	4 21	4 38	6 4
19	M	☽ in Perigee with	☽	7 39	4 21	5 37	7 17
20	Tu	snow.	☽	7 40	4 20	6 39	8 23
21	W	St Thomas.	☽	7 40	4 20	7 43	9 21
22	Th	☽ in ☾ ☽ enters ☾	☽	7 41	4 19	9 6	10 4
23	F.		☽	7 40	4 20	10 10	10 54
24	Sa	☽ and Clock equal Fair	☽	7 40	4 20	11 16	11 30
25	B.	Christmas Day. and	☽	7 39	4 21	morn	aft 2
26	M	St. Stephen. frosty.	☽	7 39	4 21	0 19	0 31
27	Tu	St. John.	☽	7 39	4 21	0 57	1 21
28	W	Innocents.	☽	7 38	4 22	1 22	2 22
29	Th		☽	7 38	4 22	1 55	3 17
30	Fr	☽ slow clock, 2m 36s Snow	☽	7 37	4 23	2 20	4 20
31	Sa	Silvester. or rain.	☽	7 37	4 23	2 54	5 16



## FARMER'S CALENDAR.

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*From the Turf Register.*

### BREAKING HORSES.

MR. EDITOR:—I have pursued for many years the following plan for breaking horses: the colt is taken between three and four years old generally, a mouthing bit is put on, with two reins, a broad surcingle is buckled round the animal, and a crupper attached to the surcingle; and the colt checked or reined up, as a horse should be in a carriage. He is then turned out in a lot or yard for several hours, for several days in succession. This tames and subdues them greatly in a very short time. About the fourth day, the animal is led into the field, where there is light ploughing to be done, and attached to a plough by the side of a gentle true horse; the colt is led up and down by a careful and resolute hand, and another at the stiles of the plough; the plough is not at first permitted to enter the ground, but after walking a short distance is gradually entered, and the animal is thus by degrees accustomed to the draught. When symptoms of fatigue are manifested, it is taken out and led to the stable. After a few spells of work in this way, the colt, after being taken from the plough, may then be mounted without difficulty and rode home to the stable. I have broken many without the least degree of difficulty—not having to lead them five minutes. The advantages of the method are the following.—the animal is completely mouthed before being backed, which saves much trouble; the crupper being put on at first prevents them from being too sensitive about the tail, when you put on the harness for driving in a carriage, and not near so likely to kick, from that circumstance. They are accustomed to being reined in from the first; and since I have adopted this plan I have never had a horse, when mounted on his back, to

throw up his head and slobber in my face,—I have ploughed with horses lightly after the above system, when designed exclusively for the saddle, and have never had cause to regret it. But when they are intended for the carriage, it is best to proceed as above before they are backed. In two instances they have not been handled till after four years old; but were then very difficult to break. If the colt evinces a vicious disposition, and is disposed to kick, it is advisable to put on gears with breeching, and let that be worn for several hours, some days, before putting it to the plough. It then can do no harm if it kicked, and may kick till perfectly accustomed to the breeching; as I experienced one occasion. I have never yet failed to break horses to harness, in a single instance, according to the above plan; although several have been afterwards spoiled by being placed in bad hands.

*Cheap substitute for Malt.*—The following is a method of brewing beer at a much cheaper rate than is usually done. The article used is well known to most people by the name of *mangelwurzels*, and is, in many respects, well worthy every person's attention. The process for brewing is, to take as many of the roots as you choose to brew, wash them well, slice them across, and fill any sized boiler with them, so cut; add as much water as the boiler will hold, and, if possible, lay a weight of some sort on the roots to keep them under the water; after boiling them for about an hour and a half, they may be taken out, well broken, and pressed, as the strongest part of the liquor remains in the roots. After they are well pressed, put the liquor that comes from them and the water they were boiled in together, and reduce, by boiling to any strength you please; then put in what quantity of hops is thought necessary, and boil for one hour. Cool the liquor as quickly as possible, and put in a sufficient quantity of yeast to work it, as ale is generally done.—The correspondent who furnishes this statement adds—"After saying so much, it may be thought by some superfluous to add more; but as this is intended chiefly for those who have not been much in the habit of brewing, I will beg leave to give the process by which I have lately brewed. I took 150lbs. of the roots, being the quantity my boiler would hold, boiled, bruised and pressed, as above, adding one pound of hops, which I infused all night in some of the hot liquor; and by a saccharometer I have made, such as is recommended by Mr. Saddington, in vol. ix. page 364. of the *Mechanic's Magazine*, I reduced the liquor to the strength of about 28lb of saccharine matter to the barrel of 36 gallons. I then boiled the hops in the liquor one hour, cooled it as soon as possible to 70 degrees Fahr. and then added one pound of good yeast, let it stand 24 hours then beat it in, and again in 12 hours; I then took off all the yeast I could,

after letting it stand six hours; in six hours more I again took all the yeast off, and tunned the beer, allowing it to work well out of the barrel. When done working, I put in a handful of the cold hops I reserved for the purpose, stirred them well in the barrel, and in a few hours bunged it down. The result is, 16 gallons of ale, apparently very strong, of a very fine flavour, and equal to any malt ale. The whole expense thereof does not exceed seven shillings, which is only  $5\frac{1}{2}$ d per gallon for ale which would not disgrace a nobleman's table. The refuse left from the press is an excellent food for pigs."

*Preservation of seeds.*—M. D'Arcet has preserved corn, which has been infested by weevils for a considerable time, by putting it into vessels previously filled with sulphurous acid. All the weevils perished, and the corn ceased to suffer. In this manner insects in seeds may not only be destroyed, but their presence prevented. As it might be inconvenient to burn sulphur in the vessels to be filled with sulphurous acid, we will indicate another method of replacing the acid, and obtaining the same results. All that is necessary is to powder the seeds well with flower of sulphur, before they are put into the bottles or other vessels; or, after having put the seeds into a bottle, the sulphur may be added, and the whole well shaken together, so as to bring it into contact with all the seeds. The presence of the sulphur will prevent entirely the attacks of insects.

*To improve the wool of Sheep by smearing.*—Immediately after the sheep are shorn, souk the roots of the wool that remain in, all over with oil or butter and brimstone, and three or four days afterwards wash them with salt and water. The wool of next season will not only be much finer, but the quantity will be in greater abundance, and it may be depended on, that the sheep will not be troubled with the scab or vermin that year. Salt water is a safe and effectual remedy against maggots.

I have adopted the above plan with my own sheep for three years past, and the difference both in the quantity and quality of my wool bags have amply compensated me for the trouble.

*German Receipt to cure Hams.*—In Westphalia they prepare the Hams in the months of November and March. The Germans place them in deep tubs, which they cover with layers of salt-petre, and with a few laurel-leaves. They are left four or five days in this state, and are then completely covered with strong brine. At the end of three weeks they are taken out, and left to soak for twelve hours in clear well-water; they are then exposed during three weeks to a smoke produced by the branches of juniper, which is very common in that country.—*Biblioth. Physico. Econom.*

*White-Wash.*—Into a common barrel half full of white-wash put one ounce of sulphuric acid, largely diluted with water—stir them together; then apply them to any wood work as common white-wash. It forms a better protection of wood from fire than common white-wash. The conjecture which occurred to the writer that such would be the case was reduced to the test of experiment this summer in Quebec, and completely succeeded.

*Cheap Antidote.*—There is not a house that does not contain a remedy for poisoning if instantly administered. It is nothing more than two tea-spoonfuls of made mustard, mixed in warm water. It acts as an instantaneous emetic.

*Potato Farina.*—The farina obtained from Potatoes is now an article of commerce in Scotland, where very fine samples of it are brought to market. It is stated to be quite equal to genuine arrow root, and is sold at about half the price of that preparation. Mixed in wheaten flour portions of one-third, it is a great improvement to Household bread, and is light of digestion. Sir John Sinclair's mode of preparing the farina is perhaps generally known; but the following short account of the process for domestic use may not be uninteresting:—Into a pail of clean water, place a fine colander or coarse sieve, so that it may be two inches in the water; grate the potatoes, when pared, into the colander, taking care from time to time to agitate the pulp in the colander, so that the farina may fall to the bottom of the pail. When the fibrous part which remains in the colander, or sieve, have accumulated so as to impede the washing of the farina into the pail, remove it. About one gallon of potatoes is sufficient for a pail of water. After the water has remained in an undisturbed state for about twelve hours, pour it off—the farina will be in a cake at the bottom. It is to be dried slowly before the fire, being rubbed occasionally between the hands, to prevent its becoming lumpy, and it is then fit for use. The French prepare an extract from the apple in the same way; but this is expensive, as the farinacious part of the apple is very small.

*Potatoes*, that useful root, which form almost an indispensable part of our daily meal, and in many places often the entire meal of the poor man, were introduced into Europe from America by Sir Walter Raleigh.

*To bottle Cider.*—To fine and improve the flavor of one hog-head, take a gallon of good French Brandy, with half an ounce of cochineal, one pound of alum, and three pounds of sugar candy; bruise them all well in a mortar; and infuse them in the brandy for a day or two; then mix the whole with your cider, and stop it close for five or six months; after which, if

fine, bottle it off. The brandy will prevent the bottles from bursting.

*To restore sour Cider.*—If cider gets sour, mix a quart of honey with a quart of brandy or pure spirits to which add a little salt of tartar, all mixed together, and put into the cask of cider.

*To fine and purify Cider* —When the juice of apples has not been well purified, it soon corrupts: the dregs which remain mixed in the liquor, being small pieces of the apples, which give the cider an unpleasant rotten taste. In order to purify it use isinglass finings; and to prevent the cider from growing sour, put a little mustard in it.

*To cure Cider which has been pricked.*—To prevent cider from being pricked, or to cure it when it is so, put a little pearl-ashes or other mild alkali, into the cask. A lump of chalk broken in pieces, and thrown in, is also very good. Salt of tartar, when the cider is about to be used, is also recommended.

*To fine Cider and give it a fine amber color.*—Take the whites of six eggs, with a handful of fine beach sand, washed clean; stir them well together—then boil a quart of molasses down to a candy, and cool it by pouring in cider and put it together with the eggs and sand into a barrel of cider, and mix the whole well together. When thus managed, it will keep for many years. Molasses alone will also refine cider, and give it a higher color; but to prevent the molasses from causing the cider to prick, let an equal quantity of brandy be put in with it. Skimmed milk, with some lime slacked in it, or with the white of eggs with the shell broken in, is also good for clarifying cider, and all other liquors, when well mixed with them; a piece of fresh bloody beef, cut into small pieces, and put into the cask, will also refine the liquor, and serve it to feed on.

*How to have good Cider in the Spring* —If your cider is well made, put into each barrel, as soon as there is any appearance of fermentation, half a pint of common mustard-seed, and immediately bung up the barrel. The fermentation will stop—the cider will retain its original sweetness, and will very soon become perfectly transparent.

*To make Pencil-writing permanent.*—Rub milk and water carefully over it, and it will last as long as though written with ink.

*Coffee from Acorns.*—The coffee made from roasted acorns is now it seems becoming very general in Germany. Some of the German papers state that persons with delicate stomachs have been able to take this coffee when they could digest no other preparation; and that after long use they have recovered the

tone of the stomach, and acquired considerable enbon point. There is nothing new in this discovery, however; for among the lower orders in many parts of Portugal, where the sweet acorns grow abundantly, they are used both for bread and coffee: although they are not considered very wholesome as an article of food, and are taken solely on account of their cheapness. They are a powerful astringent; and in cases where Peruvian Bark is recommended are said to be employed in Germany with good effect in the way of coffee.

## VARITIES.

### GOING TO LAW.

An Upper and a Lower Mill

Fell out about the water:

To war they went—that is, to LAW—

Resolved to give no quarter.

A lawyer was by each engaged;

And boldly they contended:

When fees grew slack, the war they waged.

They judged were better ended.

The heavy costs remaining still,

Were settled without pother—

One lawyer took the Upper Mill,

The Lower Mill, the other.

The first occupations of the day, for children, should be & broad, for the benefit of inhaling the morning air. Every person who notices the fact, will be struck with the difference in the health and freshness of complexion, and cheerfulness of feature, exhibited by the child who has spent some time in outdoor exercise before its morning meal and task, and the one who passes immediately from its couch to the breakfast table, and thence to study. Children are fond of early rising, when their natural activity of disposition, and disinclination to remain long in a state of quiet, have not been counteracted by habits of indulgence.

It is not two hundred years since tea and coffee were first introduced into Europe; it was only used by princes and grandees until 1767, when a tea shop was opened in London, and resorted to by all those who could afford to drink it. Coffee was introduced about the year 1652, and was sold only at public houses, which from that circumstance acquired the name of coffee houses. Previous to the introduction of tea and coffee, the people of England drank beer and wine.

## SIMPLE BALLAD.

BY MRS. HEYMANS

YOUNG Rosa was gay, and her heart always light,  
 Her cheek ever blooming, her eye ever bright,  
 And her laugh was so joyous, so wild, and so free!  
 Youth, beauty and mirth,—oh! she had them all three.  
 But Colin, false Colin, soon stole all away;  
 For, guiltless no longer, no longer she's gay;  
 With her innocence all her enjoyment went too,  
 Forsaken, heart-broken, what could Rosa do?  
 Then the rose on her cheek, ah! how soon did it fade!  
 While her dim, sunken eye her soul's anguish betray'd;  
 And she who had seem'd never destin'd to sigh,  
 Felt the first wound of sorrow, and felt it to die.  
 But o'er the green grave that poor Rosa contains,  
 The flowers that wave are her beauty's remains;  
 No mortal, the villagers say, placed them there,  
 Like her Nature's children, like her they are fair.

Carpets are of modern invention; the floors of the first houses in England were strewed with common rushes so late as the year 1580.

*Adversity.*—A certain philosopher said, the greatest object in the universe, was, a good man struggling with adversity. There is one greater still, the man who comes to his relief.

According to a calculation recently made, there are 103 Canals in Great Britain, extending 2,832 miles, and formed at an expense of thirty millions Sterling.

## BOB FLETCHER.

I once knew a ploughman, Bob Fletcher his name,  
 Who was old, and was ugly, and so was his dame;  
 Yet they lived quite contented, and free from all strife,  
 Bob Fletcher the ploughman, and Judy his wife.

As the morn streaked the East, and the night fled away,  
 They would rise up for labour, refreshed as the day;  
 The song of the lark, as it rose on the gale,  
 Found Bob at the plough, and his wife at the pail.

A neat little cottage, in front of a grove,  
 Where in youth they first gave their young hearts up to love.  
 Was the solace of age, and to them doubly dear,  
 As it called up the past with a smile or a tear.

Each tree had its thought, and the vow could impart,  
 That mingled in youth the warm wish of the heart;  
 The thorn was still there, and the blossoms it bore,  
 And the song from its top seemed the same as before.



When the curtain of night over nature was spread,  
 And Bob had returned from his plough to his shed,  
 Like the dove on her nest, he reposed from all care,  
 If his wife and his youngsters contented were there.

I have passed by his door when the evening was gray,  
 And the hill and the landscape were fading away.  
 And have heard from the cottage, with grateful surprise,  
 The voice of thanksgiving, like incense, arise.

And I thought on the proud, who would look down with scorn  
 On the neat little cottage, the grove, and the thorn,  
 And felt that the riches and follies of life  
 Were dross, to contentment like Bob and his wife.

An anecdote was related to us by an eye witness, of the ready wit of the unsophisticated sons of St Patrick. A case was trying before one of the Judges of our City Court, in which a drayman, a legitimate son of Erin, was called to testify. He was sworn on his *voir dire*. A limb of the law, who prides himself on his skill in perplexing witnesses, commenced the examination with "Pray, sir, are you not directly or indirectly interested in the termination of this suit?" Not a bit, sir." "Will you not gain any thing in case of its terminating in favor of the Plaintiff?" "Gain any thing! By my word, I'll rather lose than gain any thing!" Ah, ah, says the wise one, (with a very significant look,) so you will "rather lose than gain by it? Pray, how may you lose by it?" "*By standing here answering questions, while my horse and dray stand idle in the street.*" The effect was contagious, and extended to his honor, so that the throne of justice shook for a time.

### SONG.

BY T. CAMPBELL,

When Love came first to earth, the Spring  
 Spread rose-beds to receive him,  
 And back he vow'd his flight he'd wing  
 To heaven, if she should leave him.

But Spring, departing, saw his faith  
 Pledged to the next new comer—  
 He revelled in the warmer breath  
 And richer bowers of Summer.

Then sportive Autumn claim'd by rights  
 An archer for her lover,  
 And even in Winter's dark cold nights,  
 A charm he could discover.

Her routs and balls, and fire-side joy,  
 For this time were his reasons—  
 In short, Young Love's a gallant boy,  
 That likes all times and seasons.



# CIVIL LIST OF UPPER CANADA, AND PUBLIC OFFICERS.

## LIEUTENANT GOVERNOR,

His Excellency Sir JOHN COLBORNE, Knight Commander of the  
Most Honorable Military Order of the Bath, Major General  
Commanding His Majesty's Forces in Upper Canada, &c. &c.

*Private Secretary*..... Z. Mudge, Esquire.

*Aid-de-Camp*..... Captain Blois, 52d. Regt.

## MEMBERS OF THE EXECUTIVE COUNCIL.

The Hon. John Beverly Robinson, Chief Justice.... *Chairman.*

The Right Reverend, Charles, Lord Bishop of Quebec.

The Hon. James Baby.

“ and Ven. Archdeacon, J. Strachan, D.D. & L.L.D.

“ George H. Markland.

“ Peter Robinson.

“ James B. Macaulay.

*Clerk of the Council*..... John Small, Esquire.

*Regular Council Day*..... First Thursday in every month.

## MEMBERS OF THE LEGISLATIVE COUNCIL.

The Hon. John Beverly Robinson..... *Speaker.*

The Hon. & Right Rev. the Lord Bishop of Quebec.

The Hon. W.D. Powell.

The Hon. Angus McIntosh.

“ James Baby.

“ Joseph Wells.

“ John McGill.

“ Duncan Cameron.

“ Thomas Talbot.

“ George H. Markland.

“ Thomas Clark.

“ John Henry Dunn.

“ William Dickson.

“ William Allan.

“ Neil McLean.

“ Sir William Campbell.

“ George Crookshank.

“ Peter Robinson.

“ and Ven. The Archdeacon  
of York.

“ Charles Jones.  
“ James Gordon.

*Clerk*..... Grant Powell, Esquire.

## MEMBERS OF THE HOUSE OF ASSEMBLY.

(*Speaker*.....The Hon. MARSHALL S. BIDWELL.)

Glengarry, Alexander M'Martin & Alex. Fraser—*Stormont*, Arch. M'Lean & Ambrose Blacklock—*Dundas*, Peter Shaver & George Brouse—*Prescott & Russel*. Donald M'Donald—*Lanark*, William Morris—*Carleton*. Thomas Radenhurst—*Leeds*, John Kilborn & Wm. Buel—*Grenville*. George Longley and Rufus C. Henderson—*Town of Kingston*. Don. Bethune—*Frontenac*, Hugh C. Thomson and Thomas Dalton—*Lenox and Addington*. Marshall S. Bidwell & Peter Perry—*Prince Edward*, James Wilson and Paul Peterson—*Hastings*, James H. Sampson and Joseph N. Lockwood—*Northumberland*, James Lyons & Benj. Ewing—*Durham*, Charles Fothergill & John D. Smith—*Town of York*, R. Baldwin,—*York*, Jesse Ketchum & Wm. L. M'Kenzie—*Simcoe*, John Cawthra—*Hutton*, Caleb Hopkins & Geo. Rolph—*Wentworth*, John Wilson & Geo. Hamilton—*Town of Niagara*, Robert Dickson—*Lincoln*, Robert Randall, John J. Lefferty, Wm. Woodruff & Wm. Terry—*Oxford*, Thomas Hornor & Finlay. Malcolm—*Norfolk*, Duncan M'Call & Wm. W. Baldwin—*Mid-dlesex*, John Rolph & John Matthews—*Kent*, Wm. Berkzy—*Quebec*, Alexander Wilkinson and Francois Baby, Esquires.

*Clerk*.....James Fitzgibbon, Esquire.

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 COURT OF KING'S BENCH.

*Chief Justice*, The Hon. John B. Robinson—*Puisne Judges*, The Hon. Levis P. Sherwood & James B. Macaulay—*Attorney General*, Henry John Boulton, Esq.—*Solicitor General*, Christopher A. Hagerman, Esq.—*Clerk of the Crown & Pleas*, Charles C. Small, Esq.—*Reporter*, William H. Draper, Esq.

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 PUBLIC OFFICERS.

*Receiver General*, The Hon. John H. Dunn—*Inspector General*, The Hon. James Baby—*Secretary & Registrar*, The Hon. D. Cameron—*Deputy Registrar*, Sam P. Jarvis, Esq.—*Surveyor General*, (acting) William Chewett, Esq.—*Surveyor General of Woods, and Agent for Sale of Crown Lands*, Hon. P. Robinson—*Auditor General of Land Patents*, D'Arcy Boulton, jun. Esq.—*Official Principal Surrogate Court*, Grant Powell, Esq.—*Printer to the King's Most Excellent Majesty*, Robert Stanton, Esq.

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 KING'S COLLEGE.

*Chancellor*, HIS EXCELLENCY THE LIEUTENANT GOVERNOR—*President*, The Hon. and Venerable J. Strachan, D. D. & L.L.D., Archbishop of York—*Bursar*, The Hon. Joseph Wells—*Registrar*, The Hon. George H. Markland.

## DISTRICT APPOINTMENTS.

DISTRICT.	SHERIFF.	Clk. of the Peace.	TREASURER.
Eastern,	D. M'Donnell,	A. M'Lean,	Hon. N. M'Lean
Ottawa,	A. M'Donnell,	R.P. Hotham,	D. McDonald,
Bathurst,	Jas. H. Powell,	Geo. H. Reade,	John Watson,
Johnstown,	Adiel Sherwood,	H. Walker,	A. Sherwood,
Midland,	John M'Lean,	Allan M'Lean,	T. Markland,
Newcastle,	Henry Ruttan,	Thomas Ward,	Z. Burnham,
Home,	Wm. B. Jarvis,	S. Washburn,	F. T. Billings,
Fore,	Wm. M. Jarvis,	John Berrie,	E. Secord,
Niagara,	R. Leonard,	C. Richardson,	Wm. Clark,
London,	A. A. Rapelje,	J. B. Askin,	John Harris,
Western,	W. Hands, Esqrs.	C. Askin, Esqrs.	W. Hands, Esqrs.

## UPPER CANADA COLLEGE.

(ESTABLISHED AT YORK.)

*Visitor*, The Lieutenant Governor—*Principal*, The Rev. J. H. Harris, D.D.—*Vice Principal*, The Rev. T. Phillips, D.D.—*Classical Masters*, The Rev. C. Matthews, M.A. & The Rev. W. Boulton, B.A.—*Mathematical Department*, The Rev. C. Dade, A.A.—*French Master*, Mr. J. P. De La Haye—*English Writing and Arithmetic*, Mr. G. A. Barber & Mr. J. Padfield—*Drawing Master*, Mr. Drury.

The College Quarters are ordered as follows:—

*First Quarter*—Begins immediately after the Christmas Vacation, (about the 4th of January,) and ends on the 20th of March.

*Second Quarter*—Begins on the 20th of March, and ends on the 10th of June.

*Third Quarter*—Begins on the 10th of June, and ends at the commencement of the Summer Vacation, (about the 16th of August.)

*Fourth Quarter*—Begins immediately after the Summer Vacation, (about the 1st of October,) and ends at the commencement of the Christmas Vacation, (about the 21st of December.)

## BANK OF UPPER CANADA.

*President*.....Hon. William Allan.

### DIRECTORS.

Hon. John H. Dunn,	George Monro,
" James Baby,	Samuel P. Jarvis,
" Joseph Wells,	Christopher Widmer,
James Wiunielt,	John Elmsley,
John S. Baldwin,	Alexander Wood,
William Proudfoot,	Samuel Ridout, &
Wm. Gamble, Esqrs.	Thomas Helliwell, Esqrs.
<i>Cashier</i> .....	Thomas G. Ridout,

## POST OFFICES AND POST MASTERS IN UPPER CANADA.

**EASTERN DISTRICT**---*Alexandria, A McDonald*---*Cornwall, Guy C Wood*---*Lancaster, William McIntosh*---*Lochiel, James Benton*---*Martintown, A McMartin*---*Matilda, George Brouse*---*Williamsburgh, John Cryser*---*Saint Andrew's, Township of Cornwall, Duncan McDonnell.*

**OTTAWA DISTRICT**---*Hawkesbury, Thomas Mears*---*Longueil, R. P. Hotham*---*Dunnville, Township of Moulton, A. S. St. John*---*West Williamsburgh, Township of Williamsburgh, H.G. Stearns.*

**BATHURST DISTRICT**---*Lanark, J A Murdock*---*March, Thos Read*---*Perth, Josias Taylor*---*Richmond, G T Burke*---*Smith's Falls, Township of Elmsley, William Mettleberger.*

**JOHNSTOWN DISTRICT**---*Bastard, J K Hartwell*---*Brockville, Henry Jones*---*Gananoqui, J McDonald*---*Maitland, Samuel Thomas*---*Prescott, A Jones.*

**MIDLAND DISTRICT**---*Adolphustown, Thomas Dorland*---*Bath, R W Warffe*---*Belleville, Thomas Parker*---*Fredericksburgh, Henry Thorpe*---*Hillier, G A Clarke*---*Kingston, John Macaulay*---*Murray, C Biggar*---*Marmora, A Manahan*---*Napanee, A McPherson*---*Picton, J S Hermans*---*River Trent, S Hawley.*

**NEWCASTLE DISTRICT**---*Cramabe, Jos A Keeler*---*Cobourg, J G Bethune*---*Darlington, Robert Fairburn*---*Peterborough, Thomas Tupper*---*Port Hope, David Smart.*

**HOME DISTRICT**---*Markham, Thorne and Parsons (on Yonge Street) and A Barker (in the Township.)*---*New Market, W B Robinson*---*Whitby, J B Warren*---*York, James S Howard.*

**GORE DISTRICT**---*Ancaster, John Buricell*---*Brantford, W Richardson*---*Dundas, Edward Lesslie & Sons*---*Galt, A Shade*---*Guelph, W Leyden*---*Hamilton, A K Smith*---*Nelson, William Chisholm*---*Stoney Creek, J Williamson*---*Trafalgar, A Proudfoot*---*Wellington Square, A Bates.*

**NIAGARA DISTRICT**---*Chippawa, R Kirkpatrick*---*Fort Erie, William Smith*---*Grimsby, H Nelles*---*Niagara, J Crooks*---*Queenston, A Hamilton*---*Saint Catharines, Wm H Merritt*---*Thorold, Jacob Kerfer*---*Drummondville, Falls of Niagara, H. C. Leonard*---*Wainfleet, Township of Wainfleet, Datto Thomson.*

**LONDON DISTRICT**---*Burford, G W Whitehead*---*Delaware, R Mount*---*London, Ira Schofield*---*Oxford, C Ingersoll*---*Port Talbot, M Burwell*---*Saint Thomas, L Bigelow*---*Waterford, J W Powell.*

**WESTERN DISTRICT**---*Amherstburgh, J Wilson*---*Raleigh, W McCrac*---*Sandwich, William Hands.*

# POPULATION

## OF

### UPPER CANADA FOR 1829.

<i>Districts.</i>	<i>Population.</i>	<i>Members returned to the Assembly.</i>
1. Eastern,	19,159	6
2. Ottawa,	3,732	1
3. Bathurst,	14,851	2
4. Johnstown,	19,062	4
5. Midland,	30,960	9 Including Town of Kingston.
6. Newcastle,	13,993	4
7. Home,	25,093	4 Including Town of York.
8. Gore,	20,958	4
9. Niagara,	20,617	5 Including Town of Niagara.
10. London,	21,305	6
11. Western.	8,711	3
<b>TOTAL.....</b>	<b>198,441</b>	<b>48</b>
<b>1828.....</b>	<b>188,558</b>	
<b>INCREASE.....</b>	<b>9,883</b>	

Intelligence of the Death of HIS MAJESTY KING GEORGE THE FOURTH—and of the Accession of HIS MAJESTY KING WILLIAM THE FOURTH, having been received after the *Almanac* was completed, the following are noted as additions:—

June 26,—KING GEORGE THE FOURTH, Died (1830.) Reigned Ten Years, Four Months and Twenty-seven Days.

June 26,—Accession of KING WILLIAM THE FOURTH, and QUEEN ADELAIDE.

June 28,—KING WILLIAM THE FOURTH, Proclaimed.

August 13—Queen's Birth Day, born 1796.

August 21—King's Birth Day, born 1763.

\* \* A New Title page has been struck, to correspond with His Majesty's Reign.

## DISCOUNT PER CENT.

$2\frac{1}{2}$ per cent. is 0s. 6d. in a £	$17\frac{1}{2}$ per cent. is 3s. 6d. in a £
5                    1 0	20                    4 0
7 $\frac{1}{2}$ 1 6	22 $\frac{1}{2}$ 4 6
10                  2 0	25                    5 0
12 $\frac{1}{2}$ 2 6	30                    6 0
15                  3 0	35                    7 0

Table of Interest at Six per Cent.

	1 Week.			1 Month.			3 Months			6 Months			1 Year.		
	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.
SHILLINGS.	1	0	0	0	0	0	0	0	0	0	0	1	0	0	3
	2	0	0	0	0	0	0	0	1	0	0	3	0	1	2
	3	0	0	0	0	0	0	0	2	0	1	0	0	2	0
	4	0	0	0	0	0	0	0	2	0	1	1	0	2	3
	5	0	0	0	0	1	0	0	3	0	1	3	0	3	2
	6	0	0	0	0	1	0	1	0	0	2	0	0	3	4
	7	0	0	0	0	1	0	1	1	0	2	2	0	5	0
	8	0	0	0	0	2	0	1	1	0	2	3	0	5	2
	9	0	0	0	0	2	0	1	2	0	3	0	0	6	0
	10	0	0	0	0	2	0	1	3	0	3	2	0	7	2
POUNDS.	1	0	0	1	0	1	0	3	2	0	7	0	1	2	0
	2	0	0	2	0	2	1	0	7	0	1	2	0	2	4
	3	0	0	3	0	3	2	0	10	3	1	9	2	3	7
	4	0	1	0	0	4	3	1	2	1	2	4	2	4	9
	5	0	1	2	0	6	0	1	6	0	3	0	0	6	0
	6	0	1	3	0	7	0	1	9	2	3	7	0	7	2
	7	0	2	0	0	8	1	2	1	0	4	2	0	8	4
	8	0	2	1	0	9	2	2	4	3	4	9	2	9	7
	9	0	2	2	0	10	3	2	8	1	5	4	2	10	9
	10	0	3	0	1	0	0	3	0	0	6	0	0	12	0
TENS OF POUNDS.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
20	0	0	6	0	2	0	0	6	0	0	12	0	1	4	0
30	0	0	9	0	3	0	0	9	0	0	18	0	1	16	0
40	0	1	0	0	4	0	0	12	0	1	4	0	2	8	0
50	0	1	3	0	5	0	0	15	0	1	10	0	3	0	0
60	0	1	6	0	6	0	0	18	0	1	16	0	3	12	0
70	0	1	9	0	7	0	1	1	0	2	2	0	4	4	0
80	0	2	0	0	8	0	1	4	0	2	3	0	4	16	0
90	0	2	3	0	9	0	1	7	0	2	14	0	5	8	0
100	0	2	6	0	10	0	1	10	0	3	0	0	6	0	0
1000	1	5	0	5	0	0	15	0	0	30	0	0	60	0	0

