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1868

French

SPECTATOR SUPPLEMENT.

SEE PAGE 63.

THE "SPECTATOR,"

CANADIAN

FARMERS' ALMANAC,

FOR THE YEAR OF OUR LORD

1868.



PUBLISHED ANNUALLY

AND

Presented to the Subscribers of the Daily and Weekly Spectator

T. & R. WHITE,

PRINTERS AND PUBLISHERS,

PRINCE'S SQUARE, HAMILTON, ONT.

STEWART & ATTWOOD,

Goldsmith's Hall.

Hamilton, Ontario.

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IN THE WORLD,



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MANUFACTURERS,  
HAMILTON, ONTARIO.

ADVERTISE IN THE SPECTATOR.

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Ontario.

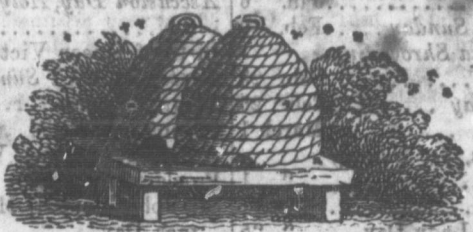
ADVERTISE IN THE SPECTATOR.

SUBSCRIBE FOR THE SPECTATOR.

# THE SPECTATOR CANADIAN FARMER'S ALMANAC,

FOR THE YEAR OF OUR LORD

## 1868,



Being Bissextile or Leap Year, and until the 20th of June,  
the Thirty-first Year of the Reign of Her Majesty, Queen  
Victoria.

Calculated for the Meridian of Toronto, in Latitude 43° 39'  
North, and Longitude 5 hours 18 minutes West of the Royal  
Observatory, Greenwich, but will answer with sufficient ex-  
actness for the whole of Ontario.

*Published Annually, and presented to the Subscribers of  
the Daily and Weekly Spectator.*

Entered according to Act of Provincial Legislature, in the Year of our  
Lord One Thousand Eight Hundred and Sixty-seven, by ADAM  
MILLER, in the Office of the Registrar of the Province of Ontario.

T. & R. WHITE,

PRINTERS & PUBLISHERS,  
PRINCE'S SQUARE, HAMILTON, ONT.

SUBSCRIBE FOR THE SPECTATOR.

GO TO THE SPECTATOR OFFICE FOR JOB PRINTING

The Publisher of this Almanac, in presenting another yearly edition, trusts that the improvements he has made in the matter, will continue to extend its popularity. The prognostications of the probable state of the weather are based upon the rules said to be drawn up by Herschel, Clarke, and Darwin, combined with a practical acquaintance with the Canadian climate.

ALMANAC

Chronological Cycles and Epochs.

Dominical Letter.....	E, D	Jewish Year begins September 10th, 1868.....	5629
Golden Number.....	7	Roman Indiction.....	11
Epact, Moon's Age, Jan. 1st.....	6	Mahomedan Era, April 24th, 1868.....	1285
Solar Cycle.....	1		
Julian Period.....	6581		

Fixed and Moveable Festivals.

Epiphany.....	Jan. 6	Ascension Day, Holy Thursday.....	May 21
Septuagesima Sunday.....	Feb. 9	Birth of Queen Victoria... "	24
Quinquagesima Shrove Sunday.....	Feb. 23	Pentecost, Whit Sunday... "	31
Ash Wednesday.....	Feb. 26	Trinity Sunday.....	June 17
St. David.....	March 1	Corpus Christi.....	" 27
Quadragesima, 1st Sunday in Lent.....	" 1	Accession of Queen Vict... "	20
St. Patrick.....	" 17	Proclamation.....	" 21
Annunciation Lady Day... "	" 25	St. John Baptist, Midsummer Day.....	" 24
Palm Sunday.....	April 5	St. Michael, Michaelmas day Sept. 29	29
Good Friday.....	" 10	Birth of the Prince of Wal. Nov. 30	30
Easter Sunday.....	" 12	1st Sunday in Advent... "	29
Low Sunday.....	" 19	St. Andrew.....	" 30
St. George.....	" 23	St. Thomas.....	Dec. 21
Rogation Sunday.....	May 17	Christmas Day.....	25

Holidays Observed at Public Offices.

Circumcision.....	Jan. 1	Corpus Christi.....	June 11
Epiphany.....	" 6	St. Peter and St. Paul... "	29
Annunciation.....	March 25	All Saints Day.....	Nov. 1
Good Friday.....	April 10	Conception of the Blessed Virgin Mary.....	Dec. 8
Ascension Day.....	May 21	Christmas Day.....	25
Queen's Birthday.....	" 24		

Beginning and Length of the Seasons.

Winter begins, December 21st, 1867.....	6 46 p.m.	Greenwich Mean Time
Spring begins, March 20th, 1868.....	7 43 a.m.	
Summer begins, June 21st, 1868.....	4 09 a.m.	
Autumn begins, September 22nd, 1868.....	6 32 p.m.	
Winter begins, December 21st, 1868.....	0 28 p.m.	

Length of the Winter  
 Length of the Spring  
 Length of the Summer  
 Length of the Autumn  
 Sun North of the Equator  
 Sun South of the Equator  
 During the year  
 Average excess of  
 Length of the Tropics  
 Solstice, 1867  
 1868  
 Average length of

The Solar year  
 twelve signs of the  
 year is 365 days 6  
 and every fourth y  
 18-5s. The Anom  
 mical year is 354  
 year is an advance  
 its excess over the  
 annual advance of

Eclipses  
 In the year 1868  
 On February 22nd  
 on this continent  
 On August 17th  
 A Transit of Mercur  
 as the transit occur

Apparitions  
 JUPITER will be  
 near until the 26th  
 November 13th, the  
 the 24th of Februa  
 quently an evening  
 a morning star durin  
 of Venus is about 4  
 nation it appears  
 53,200ths of a circle  
 conjunction, that the  
 light, this will occur  
 The satellites of J  
 the planet being too

Explanation of the Calendar Pages.

	D.	H.	M.
Length of the Winter 1867-8	89	00	57
Length of the Spring, 1868	92	20	26
Length of the Summer, 1868	92	14	23
Length of the Autumn, 1868	89	17	56
Sun North of the Equator	186	10	49
Sun South of the Equator	178	18	58
During the year 1867-8, the Sun longer in N. Signs	7	15	56
Average excess of Sun in N Signs	7	16	51
Length of the Tropical year, commencing at the Winter Solstice, 1867, and terminating at the Winter Solstice, 1868	365	5	42
Average length of the Tropical year	365	5	48

The *Solar year* is the time which the sun takes in passing over the twelve signs of the Zodiac, which is 365 days, 5h. 48m. 48s. The *Civil year* is 365 days 6 hours, or rather 365 days for three years in succession, and every fourth year 366 days. The *Sidereal year* is 365 days, 6h., 9m., 18.5s. The *Anomalistic year* is 365 days, 6h., 14m. The *lunar astronomical year* is 354 days, 8h., 48.6m., or 12 lunations. The Anomalistic year is an advance of the orbit as part of the solar system in space, and its excess over the Sidereal or Tropical year, is the stellar measure of the annual advance of the whole system.

Eclipses During the Year 1868.

In the year 1868, there will be two Eclipses of the Sun.  
 I. On February 22nd, there will be an Annular eclipse of the sun, invisible on this continent.  
 II. On August 17th, a total eclipse of the sun, invisible on this continent.  
 A Transit of Mercury over the sun's disc occurs November 4th, invisible as the transit occurs when the sun is below the horizon.

Appearances of the Planets 1868.

JUPITER will be a morning star until the 4th of July, then an evening star until the 26th of December. MARS will be a morning star until November 18th, then evening star. SATURN will be an evening star until the 24th of February, then a morning star until the 21st August, subsequently an evening star. VENUS an evening star until the 16th July, and a morning star during the remainder of the year. When the elongation of Venus is about 40° between its inferior conjunction and greatest elongation it appears brightest: for then, though its Phase be but the 1/3,200ths of a circle, it is so much nearer the earth than at its superior conjunction, that the want of surface is more than compensated by intense light, this will occur on the 21st August.

The satellites of Jupiter are invisible from February 14th to April 1st, the planet being too near the sun.

Yearly edition, will continue to be in the same state of the year, as in the Canadian edition, published by Green-wich Mean Time.

September 6629  
 October 11  
 April 24th, 1285

Thurs- May 21  
 ... " 24  
 ... " 31  
 ... June 17  
 ... " 20  
 ... " 21  
 ... " 22  
 ... " 24  
 ... Sept. 29  
 ... Wal. Nov. 9  
 ... " 29  
 ... " 30  
 ... Dec. 21

June 11  
 ... " 29  
 ... Nov. 24  
 ... Dec. 8  
 ... 25

ASONS.

3 p.m.  
 3 a.m.  
 9 a.m.  
 2 p.m.  
 1 p.m.



Explanation of the Calendar Pages.

- Column 1 & 2 Contains the days of the month and week.
  - 3 & 4 The rising and setting of the Sun's *centre* in Mean time.
  - 5 The time of the Sun's passing the meridian the difference of which from noon will give the equation of time.
  - 6 & 7 The rising and setting of the Moon in Mean time.
  - 8 The time of the Moon's southing or passing the meridian.
- The letter *a* signifies morning or that part of the astronomical day from Midnight to Noon, and *p* afternoon or from Noon to Midnight.
- The top of each page gives the Moon's phases, or times of New and Full Moon, and of the first and last quarters, or two quadratures with the Sun. And the Sun's declination or distance North or South of the Equator for four days in the month.

The Year.

The length of the year is strictly expressed by the space of time required for the revolution of the earth round the Sun, namely 365 days 5 hours, 48 minutes, 49 seconds, and 1 tenth of a second, for to such a nicety has this time been ascertained. But for convenience in reckoning, it has been found necessary to make the year terminate with a day instead of a fraction of one, lumping the fractions together so as to make a day among themselves. About forty-five years before Christ, Julius Cæsar, having, by the help of Sosigenes an Alexandrian philosopher, come to a tolerably clear understanding of the length of the year, decreed that every fourth year should be held to consist of 366 days for the purpose of absorbing the odd hours. A day in February, the sixth before the calends of March (*sextilis*), was to be repeated in that fourth year; and each fourth year was thus to be bissextile. It was as if we were to reckon the 23rd of February twice over. Seeing that, in reality, a day every fourth year is too much by 11 minutes, 10 seconds, and 3 tenths of a second, it inevitably followed that the beginning of the year moved onward ahead of the point at which it was in the days of Cæsar; in other words the natural time fell behind the reckoning. From the time of the Council of Nice in 325, when the vernal equinox fell correctly on the 21st of March, Pope Gregory found in 1582 that there had been an over reckoning to the extent of ten days, and now the vernal equinox fell on the 11th of March. To correct the past error, he decreed that the 5th of October of that year should be reckoned as the 15th, and to keep the year right in future, the overplus being 18 hours, 37 minutes, and 10 seconds in a century, he ordered that every centennial year that could not be divided by 4, should not be bissextile, as it otherwise would be; thus in short dropping the extra day three times every four hundred years. The Gregorian style, as it was called, readily obtained away in Catholic, but not in Protestant countries. It was not adopted in Britain till the year 1752, by which time the discrepancy between the Julian and Gregorian periods amounted to eleven days. An Act of Parliament was passed, dictating that the 5th of September of that year should be reckoned the 14th and that three of every four of the centennial years should, as in Pope Gregory's arrangement, not be bissextile or leap years. It has consequently arisen 1800 not having been a leap year—that the new and old styles differ by twelve days, our first of January being equivalent to the 13th of old style.

There being eclipses of the sun only when such conjunctions certainly be a distance be g to make a mi be 707' dista moon; but if of eclipses in when there a take place ur to a spectator of the sun and tator, and the sun, the eclips eclipse will b most numerou possible durat to M. Du Segon the sun can b of every solar A lunar eclips sun; and it is the surface of of the earth; between the ea traversed by th moon; and is a moon, minus th of every lunar of these quant luminaries.

Mercury is so happen when h tude, consequen place only in th this kind was n they have been till the end of 1881, May 9, 18

From	To	Distance
London	Toronto	

### Eclipses.

There being no eclipses of the Sun visible in Canada, and as no lunar eclipse happens this year the following notes on eclipses may be interesting. Eclipses can only happen when the moon is in her syzgies; and then only when she is near the place of her nodes. If, at the time of her mean conjunction with the Sun, she be less than  $13^{\circ}33'$  from her node, there will certainly be an eclipse of the Sun in some part of the world; but, if this distance be greater than  $19^{\circ}44'$ , between those limits it will be necessary to make a minute calculation. If at the time of her mean opposition she be  $7^{\circ}7'$  distant from her node, there will certainly be an eclipse of the moon; but if  $13^{\circ}21'$  distant therefrom there cannot be one. The number of eclipses in a year cannot be less than two, nor more than seven, and when there are only two, they will both be solar. A solar eclipse cannot take place unless the moon be in conjunction with the sun, and then only to a spectator on the earth under particular circumstances, when the centre of the sun and moon are in the same straight line with the eye of the spectator, and the apparent diameter of the moon is greater than that of the sun, the eclipse will be total; but, if her apparent diameter be less, the eclipse will be annular. In other cases, however, which are by far the most numerous, the sun will suffer only a partial eclipse. The greatest possible duration of the annular appearance of a solar eclipse is, according to M. Du Segour, 12m. 24s; and the greatest possible time during which the sun can be totally obscured is 7m. 58s. The magnitude and duration of every solar eclipse will in fact differ at every point of the earth's surface. A lunar eclipse takes place only when the moon is in opposition to the sun; and it is of the same magnitude and duration to every spectator on the surface of the earth. It is caused by her passing through the shadow of the earth; which is 3 and one half times longer than the distance between the earth and the moon. The breadth of this shadow in the part traversed by the moon, is about 2½ times greater than the diameter of the moon; and is equal to the sum of the horizontal parallaxes of the sun and moon, minus the semi-diameter of the sun. The magnitude and duration of every lunar eclipse will consequently vary according to the magnitude of these quantities at the given time, and the relative position of the luminaries.

### Transit of Mercury.

Mercury is sometimes seen to pass over the Sun's disk; which can only happen when he is in his nodes, and when the earth is in the same longitude, consequently this phenomenon, for many centuries to come, can take place only in the month of May or November. The first observation of this kind was made by Gassendi in November 1631. Since which period they have been frequent. The following is a list of those that will happen till the end of the present century: Nov. 4, 1868, May 6, 1878, Nov. 7, 1891, May 9, 1891, and Nov. 10, 1894.

The following is a list of those that will happen till the end of the present century: Nov. 4, 1868, May 6, 1878, Nov. 7, 1891, May 9, 1891, and Nov. 10, 1894.

Moon's Phases.	D.	Kingston.	Toronto.	London.	Sun's Declination.
First Quarter.....	2	h. m. 10 68 p.	h. m. 10 45 p.	h. m. 10 37 p.	S. ° ' " 25 1 38
Full Moon.....	9	h. m. 5 48 p.	h. m. 5 35 p.	h. m. 5 27 p.	11 21 50 17
Last Quarter.....	16	Noon.	h. m. 11 47 a.	h. m. 11 39 a.	21 19 56 36
New Moon.....	24	h. m. 2 14 p.	h. m. 2 01 p.	h. m. 1 53 p.	31 17 25 48

Days.	Sun. on Merid.	Moon on Merid.	Rises.	Sets.	EVENTS, &c.
1 Wed.	7 40	4 29	12 04	11 11	Circumcision. Fair an Wolfe b., 1727.
2 Thur.	7 40	4 29	12 04	11 10	D. Jerrold b., 1803.
3 Fri.	7 40	4 30	12 05	11 09	Silk brought to Europe, 53
4 Sat.	7 40	4 31	12 05	11 08	6th ret. from Cabool, 1842.
5 Sun.	7 39	4 32	12 06	11 07	Epiphany. High Wind
6 Mon.	7 39	4 33	12 06	11 06	A. Ramsay d., 1757. Fair
7 Tues.	7 39	4 34	12 06	11 05	Bat. of N. Orleans, 1815.
8 Wed.	7 39	4 35	12 07	11 04	Moon's perigee, 9 p.m. wit
9 Thur.	7 38	4 36	12 07	11 03	Lard beheaded, 1645.
10 Fri.	7 38	4 37	12 08	11 02	First Lottery in Eng., 156
11 Sat.	7 38	4 38	12 08	11 01	1st Sun. after Epiphany.
12 Sun.	7 37	4 39	12 08	11 00	Bat. of Chillianwallah, 184
13 Mon.	7 37	4 41	12 09	10 59	G. Frost in Eng., 1292. ple
14 Tues.	7 37	4 42	12 09	10 58	E. Everett d., 1865. day
15 Wed.	7 36	4 43	12 09	10 57	Bat. of Corunna, 1809.
16 Thur.	7 36	4 45	12 10	10 56	Franklin born, 1766.
17 Fri.	7 35	4 46	12 10	10 55	Burtpore cap., 1826. Ver
18 Sat.	7 35	4 47	12 10	10 54	2nd Sun. after Epiphany
19 Sun.	7 34	4 49	12 11	10 53	Howard, Philan. d., 1790.
20 Mon.	7 34	4 50	12 11	10 52	20th 1st E. Par., 1265. col
21 Tues.	7 33	4 51	12 12	10 51	S. Sea bubble began, 1720.
22 Wed.	7 33	4 53	12 13	10 50	Moon's apogee, 2 p.m. Sno
23 Thur.	7 31	4 54	12 13	10 49	25th Burns b., 1859. Hig
24 Fri.	7 31	4 56	12 12	10 48	St. Paul. Winds. Sno
25 Sat.	7 30	4 57	12 13	10 47	3rd Sun. after Epiphany
26 Sun.	7 29	4 58	12 13	10 46	Coffee br. to Eng., 1657. an
27 Mon.	7 29	4 59	12 13	10 45	Prescott d., 1859. rain
28 Tues.	7 27	5 01	12 13	10 44	28th bat. of Alivah, 1846.
29 Wed.	7 26	5 02	12 14	10 43	Chas. I. beh., 1639. Mont
30 Thur.	7 25	5 03	12 14	10 42	Pretender d., 1783. end
31 Fri.	7 24	5 04	12 14	10 41	

During this the season of comparative rest from out door labour, we cannot too strongly and persistently urge upon the practical farmer, who has difficulties of a serious character, in the nature of a Canadian climate, to contend with the importance of improving himself at this reasonable opportunity, and the result of which if properly directed will be not so much to increase his capacity for a given day's work, as to enable him to use implements and processes by which his labour may be lessened, the season as it were extended, and the profits increased in a corresponding ratio, an although it would be simply a waste of time to teach the ordinary farmer chemistry, yet the general principles of science, which after all is only systematic arrangement of well authenticated facts, should be a part of farmer's reading and thought.

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on Wednesday

1868]

MEMORANDUM FOR JANUARY.

Jan 1868 7

Sun's Declination  
 S. ° ' "  
 1 23 1 38  
 2 21 50 17  
 3 19 56 36  
 4 17 25 48  
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... Fair, an  
 ... 1727.  
 ... 1803.  
 ... Europe, 53  
 ... Cabool, 1842.  
 ... High Wind  
 ... 1757.  
 ... N. Orleans, 1815.  
 ... 9 p.m. wit  
 ... 1845.  
 ... Bug, 156  
 ... after Epiphany.  
 ... Chilianwallah, 184  
 ... in Bug, 1292.  
 ... 1865.  
 ... Corunna, 1809.  
 ... 1766.  
 ... 1820.  
 ... after Epiphany  
 ... Philan, d. 1790.  
 ... st E. Par, d. 1265.  
 ... bubble began, 1720.  
 ... 2 p.m. Snow  
 ... 1859.  
 ... High  
 ... Winds. Snow  
 ... after Epiphany  
 ... br to Bug, 1657.  
 ... 1859.  
 ... of Aliwal, 1846.  
 ... beh., 1639. Mont  
 ... 1783.

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6	<i>paid Mege \$ 4</i>
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9	<i>Received \$ 3.7 from Mullholand</i>
10	<i>paid \$ 2.35</i>
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13	<i>paid postage 52 cents in advance</i>
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20	<i>paid Ranton \$ 1-25</i>
21	
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23	
24	<i>Dawson 1/2 Cwt flower \$ 2-00</i>
25	<i>paid Baldwin \$ 1-00</i>
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2nd Month.

February, 29 Days. Begins on Saturday.

1868]

Moon's Phases.		Kingston.		Toronto.		London.		Sun's Declination.	
	D.	h. m.		h. m.		h. m.			
First Quarter	1	1 11 p.		0 58 p.		0 50 p.		18 55	
Full Moon	8	4 31 a.		4 18 a.		4 10 a.		11 42	
Last Quarter	15	4 12 a.		3 59 a.		3 51 a.		21 13	
New Moon	23	9 16 a.		9 03 a.		8 55 a.		29 06	

Days.	Sun.		Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.	Rises.	Sets.		
1 Sat.	7 23	5 05	12 14	11 16	0 07	
2 SUN.	7 21	5 07	12 14	11 16	0 07	York Cath. burnt, 1829.
3 Mon.	7 20	5 08	12 14	11 52	1 14	1st Sunday aft. Epiphany.
4 Tues.	7 19	5 10	12 14	p.m. 30	2 19	2nd Sunday aft. Epiphany.
5 Wed.	7 17	5 12	12 14	1 27	3 27	Stormy with heavy snow.
6 Thur.	7 15	5 13	12 15	2 25	4 31	Battle of Plassy, 1757.
7 Fri.	7 14	5 15	12 15	3 35	5 31	Moon's perigee, 10 a.m.
8 Sat.	7 13	5 16	12 15	4 44	6 26	7th, Dickens b., 1812.
9 SUN.	7 12	5 17	12 15	5 59	7 12	
10 Mon.	7 11	5 18	12 15	7 43	8 07	Septuagesima. Milder
11 Tues.	7 10	5 19	12 14	9 26	9 00	9th, Can. ced. to G. B., 1763.
12 Wed.	7 08	5 21	12 14	10 36	9 05	10th, Victoria married, 1840.
13 Thur.	7 07	5 22	12 14	10 43	9 36	Rev. of 1688 compl'd. with rain.
14 Fri.	7 05	5 24	12 14	11 48	10 08	Valentine's Day. Colder,
15 Sat.	7 03	5 26	12 14	a.m. 0 50	10 41	14th, Capt. Cook k., 1799.
16 SUN.	7 02	5 27	12 14	0 50	11 17	Sexagesima. with snow
17 Mon.	7 00	5 29	12 14	1 48	11 55	Moliere d., 1673.
18 Tues.	6 59	5 30	12 14	2 43	p.m. 37	Li.ther d., 1546.
19 Wed.	6 58	5 31	12 14	3 35	1 21	3 28
20 Thur.	6 57	5 32	12 14	4 21	2 10	9 15
21 Fri.	6 55	5 33	12 14	5 04	3 03	10 02
22 Sat.	6 54	5 34	12 14	5 43	3 59	10 49
23 SUN.	6 52	5 36	12 14	6 18	4 57	11 35
24 Mon.	6 51	5 38	12 14	6 49	5 57	p.m. 20
25 Tues.	6 49	5 40	12 14	7 19	6 58	1 04
26 Wed.	6 47	5 41	12 14	7 48	7 58	1 49
27 Thur.	6 45	5 42	12 13	8 17	8 58	2 34
28 Fri.	6 43	5 43	12 13	8 46	10 01	3 19
29 Sat.	6 42	5 44	12 13	9 53	11 06	4 08

The direction to be taken in ploughing, cannot always be settled beforehand; it depends on the form and surface of the land. If the soil is impervious, and the furrows intended for drainage lines, it will be advisable to plough in the most inclined direction, in order that the water may be easily drained. However, if the land be much inclined, it will be better to plough in an oblique direction, to diminish the slope and the current of water, and thus prevent any injury. It is the only method which gives the land a regular inclination, and the same on both sides of the furrow.

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on Saturday.

Sun's Declination.
1 S 17 8 55
11 14 4 42
21 10 37 13
29 7 39 06

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1918

1868] MEMORANDUM FOR FEBRUARY.

1868

Day	Wind	Force	Sea	Temp	Bar	Humid	Dir	Dist
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2								
3								
4								
5								

Day	Wind	Force	Sea	Temp	Bar	Humid	Dir	Dist
6								
7								
8								
9								
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12								

Received 72 East from M. Island

Day	Wind	Force	Sea	Temp	Bar	Humid	Dir	Dist
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25. Discontinued...  
 26. Discontinued...  
 27. Discontinued...  
 28. Discontinued...  
 29. Discontinued...  
 30. Discontinued...  
 31. Discontinued...

32. Discontinued...  
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 100. Discontinued...



3rd Month.

March, 31 Days.

Begins on Sunday

1868]

Moon's Phases.		Kingston.	Toronto.	London.	Sun's Declination.
	D.	h. m.	h. m.	h. m.	
First Quarter .....	1	11 44 p.	11 31 p.	11 23 p.	1 S 7 16 17
Full Moon.....	8	3 18 p.	3 05 p.	2 57 p.	11 S 3 24 24
Last Quarter.....	15	10 24 p.	10 11 p.	10 03 p.	19 S 0 14 07
New Moon.....	24	1 55 a.	1 42 a.	1 34 a.	20 N 0 9 35
First Quarter.....	31	7 21 a.	7 08 a.	7 00 a.	31 N 4 27 53

Days.	Sun.		Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.	Rises.	Sets.		
1 SUN.	6 41	5 44	12 12	10 32	h. m.	
2 Mon.	6 39	5 46	12 12	10 19	0-10	1st Sunday in Lent.
3 Tues.	6 37	5 48	12 12	11 13	1 13	1st St. David. Clear and
4 Wed.	6 35	5 50	12 12	11 20	2 20	Bat. of Point Pelee, 1838.
5 Thur.	6 33	5 51	12 12	11 28	3 18	Inauguration Day, U.S.
6 Fri.	6 31	5 52	12 11	11 32	4 13	Moon's perigee, 6 p.m.
7 Sat.	6 29	5 53	12 11	11 37	5 01	B. of Eng. sus. payt., 1797.
8 SUN.	6 27	5 54	12 11	11 40	6 00	
9 Mon.	6 26	5 55	12 11	11 44	6 24	2nd Sun. in Lent. milder
10 Tues.	6 24	5 56	12 11	11 47	6 57	Oersted d., 1851. with rain.
11 Wed.	6 23	5 57	12 10	11 50	7 31	P. of Wales married, 1863.
12 Thur.	6 21	5 58	12 10	11 53	8 04	1st d'y, paper in Eng., 1703.
13 Fri.	6 20	6 00	12 10	11 56	8 37	Adm'l. Byng shot, 1775.
14 Sat.	6 18	6 01	12 10	11 59	9 12	Planet Herschell dis., 1781.
15 SUN.	6 16	6 02	12 09	12 02	9 50	Toronto a mkt. town, 1814.
16 Mon.	6 14	6 04	12 09	12 05	10 32	
17 Tues.	6 12	6 05	12 09	12 08	11 17	3rd Sun. in Lent. Fair
18 Wed.	6 10	6 06	12 08	12 11	12 03	Julien d., 1860. with high
19 Thur.	6 09	6 07	12 08	12 14	1 06	St. Patrick. winds.
20 Fri.	6 07	6 08	12 07	12 17	2 00	Moon's Apogee, 4 p.m.
21 Sat.	6 05	6 10	12 07	12 20	3 00	(18) Prin. Louisa b., 1848.
22 SUN.	6 04	6 12	12 07	12 23	4 00	Vernal Equinox. Cold with
23 Mon.	6 02	6 11	12 06	12 26	5 00	Sir I. Newton d., 1727.
24 Tues.	6 00	6 15	12 06	12 29	6 00	
25 Wed.	5 58	6 16	12 06	12 32	7 00	4th Sun. in Lent. high
26 Thur.	5 56	6 17	12 05	12 35	8 00	Smith, Geologist, b., 1789.
27 Fri.	5 54	6 18	12 05	12 38	9 00	Therwaldsen d., 1844.
28 Sat.	5 52	6 19	12 05	12 41	10 00	Lady Day. winds.
29 SUN.	5 50	6 19	12 04	12 44	11 00	B. of Eng. incor., 1694.
30 Mon.	5 48	6 20	12 04	12 47	12 00	Florida discov., 1512.
31 Tues.	5 47	6 21	12 04	12 50	1 00	Brit. dec. war agt. Rus., 1854.

Draining not only deepens the soil but largely increases the immediate and lasting value of manures. The elements of manure act only upon plants in a state of solution, hence it is of the greatest importance that they be so applied, and the soil so prepared that they may not only be readily dissolved by the rain, but that the rain may freely pass through the soil, which acting as a filter arrests and holds these elements where they will best serve as food for vegetation. The true policy of the farmer is to use any means in his power for rendering his labour more effectual, and in no way can this be better accomplished than by draining and thus deepening and increasing the productive powers of the soil.

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on Sunday

Sun's Declination.			
1	S	7	16 17
11	S	3	24 24
19	S	0	14 07
20	N	0	9 35
31		4	27 53

TS, &c.

Lent. Clear and Pelee, 1838. Day, U.S.

cold, 6 p.m. payt., 1797.

mt. milder with rain, 1863.

Eng., 1703. ot, 1775.

ll dis., 1781. town, 1814.

st. Fair with high winds, 4 p.m.

b., 1848. Cold with 1787.

high, b., 1769. S44.

winds, 1694. 312.

Rus., 1854

Stormy, 1814

mediate ly upon ice that only be ugh the re they er is to and is s deep-

1868]

MEMORANDUM FOR MARCH.

11

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- 5 Dawson 1 cut flower 3 4
- 6
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- 14 Taped the Sugar Bush
- 15
- 16 Made 2.6 lb Sugar
- 17
- 18 Made 3 1/4 lb Sugar
- 19
- 20
- 21 Made 2.6 lb Sugar
- 22 slow Pigeon
- 23
- 24 Made 6.8 lb Sugar
- 25 Made 6.6 lb Sugar
- 26 Made 6 lb Sugar
- 27 Made 3.9 lb Sugar
- 28 Made 1.9 lb Sugar
- 29 Made 4.7 lb Sugar
- 30 Made 3.8 lb Sugar
- 31 Dawson 1 cut flower 3 4  
Made 3.1 lb Sugar

4th Month. **April, 30 Days.** Begins on Wednesday.

1868]

Moon's Phases.	Kingston.		Toronto.		London.		Sun's Declination.	
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	°	'
Full Moon .....	7	2 12 a.	1 59 a.	1 59 a.	1 51 a.	11	4	51 00
Last Quarter .....	14	5 30 p.	5 17 p.	5 09 p.	5 09 p.	11	8	36 21
New Moon .....	22	3 15 p.	3 02 p.	3 02 p.	2 54 p.	21	12	07 29
First Quarter .....	29	1 13 p.	1 00 p.	0 52 p.	0 52 p.	30	15	00 42

M Week	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.		Rises.	Sets.		
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Wed.	5 45	6 23	12 04	p.m. 08	2 08	7 35	
2 Thur.	5 43	6 24	12 04	1 16	2 57	8 32	Month begins cold.
3 Fri.	5 41	6 25	12 03	2 23	3 41	9 26	1st Mutiny, in India, 1857.
4 Sat.	5 40	6 26	12 02	3 38	4 17	10 20	Moon's perigee, 11 a.m. 5th Canada discov., 1499.
5 SUN.	5 39	6 27	12 02	4 50	4 53	11 13	
6 Mon.	5 37	6 28	12 02	6 00	5 27	11 13	Palm Sunday, becoming Old Lady day, milder with Prince Leopold b. 1853.
7 Tues.	5 35	6 30	12 02	7 08	5 58	0 03	Hud. Bay Co. chart., 1692.
8 Wed.	5 33	6 31	12 01	8 15	6 33	0 54	Lee surre. to Grant, 1865.
9 Thur.	5 32	6 32	12 01	9 20	7 06	1 44	Good Friday, frequent G. Canning d., 1770.
10 Fri.	5 30	6 33	12 01	10 21	7 45	2 35	
11 Sat.	5 28	6 34	12 01	11 18	8 24	3 24	
12 SUN.	5 27	6 35	12 00	a.m. 10	9 40	4 14	Easter Sunday, showers.
13 Mon.	5 26	6 36	12 00	0 10	9 56	5 03	Rath, Lincoln Ass., 1865.
14 Tues.	5 24	6 37	12 00	0 57	10 48	5 52	Princess Beatrice b., 1857.
15 Wed.	5 23	6 39	12 00	1 38	11 41	6 38	Moon's Apogee, 11 a.m.
16 Thur.	5 20	6 40	12 00	2 15	p.m. 37	7 24	Bat. of Culloden, 1746. Fine Franklin d., 1790 mild
17 Fri.	5 18	6 41	12 00	3 49	1 34	8 06	1st Newspr. in Amer., 1704.
18 Sat.	5 17	6 43	11 59	3 21	2 33	8 54	
19 SUN.	5 15	6 44	11 59	3 50	3 35	9 39	Low Sunday, Spring Byron d., 1824 weather.
20 Mon.	5 14	6 45	11 59	4 20	3 36	10 22	22nd, Hume b., 1711.
21 Tues.	5 12	6 46	11 59	4 38	5 40	11 10	23, Shakspeare b. 1564, d. 1616
22 Wed.	5 11	6 47	11 59	5 20	6 46	11 59	St. George. Month ends
23 Thur.	5 09	6 48	11 59	5 53	7 53	p.m. 49	Defoe d., 1731. very wet. Princess Alice b., 1843.
24 Fri.	5 07	6 49	11 59	6 31	9 00	1 42	
25 Sat.	5 06	6 50	11 58	7 12	10 04	1 36	
26 SUN.	5 05	6 51	11 58	8 03	10 07	2 34	2nd Sunday after Easter.
27 Mon.	5 04	6 52	11 58	8 58	a.m. 32	3 32	26th, Cromwell b., 1599.
28 Tues.	5 02	6 54	11 57	9 59	0 04	5 30	Moon's perigee, 10 p.m.
29 Wed.	5 00	6 55	11 57	11 06	0 57	6 27	Peace with Russia, 1856.
30 Thur.	4 58	6 56	11 57	p.m. 14	1 41	7 21	Battle of Fontenoy, 1746.

Manure as much as possible on the surface, do not wash your manures by mixing them deeply with the soil. Plant shallow. Keep roots of all kinds, trees, plants and vines as near the surface as possible, there are strong reasons for the position assumed in the last sentence. If your soil be deep and dry, but plant near the surface. Top dress your grass after mowing in July, under a burning summer sun, top dress in the fall before and during the autumn rains, change your grass instead of your corn and wheat. Broaden at any time when you have manure and leisure, and some of the best authorities guarantee you will be satisfied with the result.

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slow  
slow



Wednesday

Sun's Declination.
0
1 8 4 51 00
1 8 36 21
12 07 29
15 00 42

TS, &c.

begins cold,  
India, 1867.  
11 a.m.  
cov., 1499.

becoming  
milder with  
b. 1853.  
hart., 1692.  
Grant, 1865.  
frequent  
1770.

showers.  
ss., 1865.  
ice b., 1857.  
11 a.m.  
n., 1746. Fine  
mild  
Amer., 1704.

Spring  
weather.  
1711.  
1564, d. 1810  
Month ends  
very wet.  
, 1843.

er Easter.  
b., 1599.  
10 p.m.  
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oy, 1745.

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1868]

MEMORANDUM FOR APRIL.

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- 1
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- 3 *sowed grass seed*
- 4 *sowed wheat*
- 5
- 6
- 7
- 8 *3 year old cow calved*
- 9
- 10 *shot cow called*
- 11 *Made 62 lb sugar.*
- 12
- 13
- 14 *Dawson 1 cwt. flowers \$ 1*
- 15 *Went to mill. Cow called white*
- 16 *sowed oats. Herd the hog*
- 17
- 18 *Made 12 gals Molasses*
- 20 *sowed peas*
- 21 *sowed Barley*
- 22
- 23 *Speckled cow calved*
- 24 *Sold 38 bush oats 9 bush barley \$ 36-37 1/2*
- 25 *paid Goren for mare \$ 6 due*
- 26 *Settled with Meyer balance \$ 2-12 1/2*
- 27 *Sold 57 bush oats \$ 36-75*
- 28 *Dawson 1 cwt. flowers \$ 4 first of may*
- 29
- 30

Moon's Phases.		Kingston.	Toronto.	Quebec.	Sun's Declination.
	D.	h. m.	h. m.	h. m.	N.
Full Moon .....	6	1 32 p.	1 19 p.	1 11 p.	15 16 47
Last Quarter .....	14	0 11 p.	11 58 a.	11 50 a.	11 18 48
New Moon .....	22	1 31 a.	1 18 a.	1 18 a.	21 20 37
First Quarter .....	28	6 37 p.	6 24 p.	6 11 p.	31 23 147

M	Week	Sun.		Moon		Sun on Merid	EVENTS, &c.	
		Rises.	Sets.	Rises.	Sets.			
		h. m.	h. m.	h. m.	h. m.	h. m.		
1	Fri.	4 56	7 00	11 57	1 25	2 19	8 15	Gt. Exhib. opened 1851 & 62
2	Sat.	4 54	7 00	11 56	2 25	3 56	9 05	Prin. Arthur b. 1850
3	SUN.	4 53	7 01	11 57	3 44	3 26	9 55	3rd Sun. after Easter.
4	Mon.	4 52	7 02	11 57	4 52	3 57	10 45	Seringapatam, st. 1799.
5	Tues.	4 50	7 03	11 57	5 59	4 30	11 35	Napoleon d. 1821. Shooery
6	Wed.	4 49	7 04	11 56	7 05	5 02	12 25	Gold fr. in Ausp. 1851. and
7	Thur.	4 48	7 05	11 56	8 07	5 33	0 24	Russ. invade Turkey, 1828.
8	Fri.	4 46	7 06	11 56	9 07	6 17	1 14	Hamburg burnt 1842. con
9	Sat.	4 45	7 07	11 56	10 01	7 01	2 05	Gay Lussac d. 1850. tinning
10	SUN.	4 44	7 08	11 56	10 52	7 47	2 54	4th Sun. after Easter.
11	Mon.	4 43	7 09	11 56	11 38	8 36	3 44	Mutiny in Delhi, 1857. opt
12	Tues.	4 43	7 10	11 56	a.m.	9 29	4 31	J. R. Hind, b. 1823.
13	Wed.	4 43	7 11	11 56	0 16	10 25	5 18	Moon's Apogee, 0 a.m.
14	Thur.	4 43	7 12	11 56	10 50	11 25	6 09	W. Pitt d. 1794. on side, 1868.
15	Fri.	4 40	7 13	11 56	1 23	p.m. 20	6 43	Vaccin. tried, Jenner 1796
16	Sat.	4 39	7 14	11 56	1 51	1 19	7 32	Henslow d. 1851. becoming
17	SUN.	4 38	7 15	11 56	2 18	2 21	8 16	Ascension Sunday. Fair
18	Mon.	4 36	7 16	11 56	2 47	3 22	9 01	Trial by Jury inst., 1270.
19	Tues.	4 35	7 17	11 56	3 18	4 29	9 49	Boswell d., 1795. and fine
20	Wed.	4 34	7 18	11 56	3 49	5 35	10 38	Columbus d. 1506. Weather
21	Thur.	4 33	7 19	11 56	4 24	6 44	11 30	Ascension Day. For
22	Fri.	4 33	7 20	11 56	5 05	7 51	p.m. 25	Pope d. 1683. some
23	Sat.	4 32	7 21	11 56	5 23	8 59	1 24	24th, Queen's Birthday.
24	SUN.	4 30	7 22	11 57	6 47	9 59	2 23	Sunday after Ascension.
25	Mon.	4 29	7 23	11 57	7 49	10 53	3 23	Moon's perigee, 4 a.m.
26	Tues.	4 29	7 23	11 57	8 56	11 45	4 22	Ad. Sir G. Smith d., 1840.
27	Wed.	4 28	7 24	11 57	10 02	a.m.	5 19	Hab. Corp. act passed, 1679
28	Thur.	4 28	7 25	11 57	11 16	0 24	6 12	Wm. Pitt b., 1759. time
29	Fri.	4 27	7 26	11 57	p.m. 27	1 00	7 04	K. Charles restored, 1660.
30	Sat.	4 27	7 27	11 57	1 36	2 33	7 54	Pope d., 1761. showery
31	SUN.	4 26	7 28	11 57	2 42	3 04	8 42	Pentecost, Whit Sunday.

Salt may be used profitably in a crude state, sown broadcast over the fields, particularly mowing or pasture fields where grass is growing out. The quantity recommended in England, and also by those who use it in this country, ranges from three to twenty bushels per acre. As a preventive remedy for worms there is nothing to be compared with salt. For this purpose it must be used liberally, that is, from ten to fifteen bushels per acre. Salt is one of the best things that can be used on garden walks, to prevent the weeds growing, for this purpose enough must be put on to kill vegetation. Weeds in an asparagus bed may be salted to death, and the asparagus benefited.

1 *plish*  
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 4 *bold*  
 5 *John*  
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 12 *Plante*  
 13  
 14 *reciv*  
 15 *Swapt*  
 16 *Atterd*  
 17 *Black*  
 18 *Daw*  
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 31

ins on Friday

1868]

MEMORANDUM FOR MAY.

15

Sun's Declination.	N	E	S	W
1	15	16	47	
11	18	4	48	
21	20	20	37	
31	22	1	47	

1 ~~Philip N. Cree 112, Muehlenb. 8 3 5~~

2 ~~Full Moon~~

3 ~~Last Quarter~~

4 ~~New Moon~~

4 sold cow and calf and tips, 8 3 5

5 John Burns loan 8 3 5 Silver

ENTS, &c.

W	W	R	R	S	S	M	M	S	S	M	M
1	2	3	4	5	6	7	8	9	10	11	12

opened 1851 & 62

Arthur b., 1860

after Easter.

st., 1799.

1821. Shoewer

Aug. 1851. and

side Turkey, 1823.

1842. con

1850. tinning

after Easter.

Delhi, 1857. set

d, b., 1823.

agee, 6 a.m.

1858.

ried, Jenner 1796

1851. Decom

Sunday, fair

ury inst., 1270.

, 1795. and fine

d. 1506 Weather

Day.

en's Birthday.

after Ascension,

idge, 4 a.m.

Smith d., 1840.

o. act passed, 1879

b., 1759. tim

2 Planted potatoes and corn

4 received from Melkoland 8 3 - 95

5 swapped Soreb cott for black mare

6 Altered colts, lambs and pigs

7 Black mare fogged

8 Dawson 1 cut flower 8 3 5

9 Paid Baldwin 8 3 - 25

10 Soreb mare fogged

11

12

13

14

As a great deal depends on the quality of the water our farmers should be careful to select the most wholesome and purest water for their use. It is a common error to suppose that the most rapid and cleanest should be chosen, but never more pure than the water of the river. It is a good plan to have the water filtered before consumption. Great care should be taken to have the filter and slowway in which it is packed sweet and clean. Attention should also be paid to the atmosphere of the apartment in which the water is placed, and in which the subsequent operations are to be performed. There always tends to injure the quality of the water the more it is exposed to the air.

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6th Month.

June, 30 days.

Begins on Monday.

1868]

Moon's Phases.	Kingston.		Toronto.		London.		Sun's Declination.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	° ' "
Full Moon.....	5	1 50 a.	1 37 a.	1 29 a.	1	22	9 51
Last Quarter.....	13	5 09 a.	4 56 a.	4 48 a.	11	23	8 48
New Moon.....	20	9 41 a.	9 28 a.	9 20 a.	21	23	27 10
First Quarter.....	27	0 46 a.	0 33 a.	0 25 a.	30	23	8 29

M Week	Sun.		Moon		Moon		EVENTS, &c.
	Rises.	Sets.	Sun on Merid.	Rises.	Sets.	Moon on Merid.	
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Mon.	4 27	7 29	11 58	3 48	2 34	9 30	Sk. at Ridgeway. Hot and Donatti's Comet dis. 1858.
2 Tues.	4 27	7 29	11 58	4 53	3 04	10 19	Mutiny at Neemuch, 1857. Battle of Magenta, 1859.
3 Wed.	4 27	7 29	11 58	5 57	3 39	11 08	H. takes pos. of Acadia, 1755.
4 Thur.	4 26	7 30	11 58	6 56	4 15	11 57	7, Reform Bill passed, 1832.
5 Fri.	4 26	7 30	11 59	7 53	4 55	a.m.	Trinity Sunday. Sultry.
6 Sat.	4 26	7 31	11 59	8 45	5 40	0 47	T. Paine d., 1809. becoming Moon's Apogee, 11 a.m. Doland opp. by 1706. more Corpus Christi. rainy. New York incorp. 1665. Russ. def. at Silistria, 1854.
7 Sun.	4 25	7 32	11 59	9 32	6 29	1 37	1st Sunday after Trinity.
8 Mon.	4 25	7 33	11 59	10 14	7 20	2 25	Magna Charta signed, 1215
9 Tues.	4 24	7 34	11 59	10 49	8 15	3 13	Bat. of Ligny, 1815. Still
10 Wed.	4 24	7 34	11 59	11 22	9 02	4 02	Bat. of Bunker Hill, 1775.
11 Thur.	4 23	7 35	11 59	11 55	10 05	4 53	Waterloo 1815. Inevitable
12 Fri.	4 23	7 35	11 59	a.m.	11 07	5 27	Alabama Sunk, 1892
13 Sat.	4 23	7 36	12 00	0 22	p.m. 07	6 11	Accession of Q. Victoria.
14 Sun.	4 22	7 36	12 00	1 02	1 02	7 09	2nd Sunday after Trinity
15 Mon.	4 23	7 37	12 00	1 17	2 09	7 39	3rd Sunday after Trinity
16 Tues.	4 23	7 37	12 01	1 46	3 14	8 22	21, Summer Solstice. Move
17 Wed.	4 23	7 38	12 01	2 20	4 23	9 17	Mid. Sum. St. Jean Bte.
18 Thur.	4 23	7 38	12 01	2 57	5 23	10 06	Rep. of Corn Law, 1846. set
19 Fri.	4 23	7 39	12 02	3 22	6 39	11 09	Cawnpore Mass., 1857. elec
20 Sat.	4 23	7 39	12 02	4 33	7 45	p.m. 08	23, Id. Ragland, 1855. and
21 Sun.	4 24	7 40	12 02	5 33	8 43	1 09	
22 Mon.	4 24	7 40	12 02	6 39	9 35	2 10	
23 Tues.	4 25	7 40	12 02	7 51	10 21	3 10	
24 Wed.	4 25	7 39	12 02	9 04	11 01	4 07	
25 Thur.	4 25	7 39	12 02	10 15	11 36	5 00	
26 Fri.	4 26	7 39	12 02	11 25	a.m.	5 50	
27 Sat.	4 26	7 39	12 03	p.m. 34	0 06	6 40	
28 Sun.	4 26	7 39	12 03	1 41	0 38	7 23	3rd Sunday after Trinity.
29 Mon.	4 27	7 39	12 03	2 45	1 08	8 16	H. Clay d., 1852. warmer
30 Tues.	4 27	7 39	12 03	3 49	1 41	9 05	Greenwich Hos. foun., 1696

As a great deal depends on the quality of the butter our farmers send to market, they should see that the most scrupulous cleanliness should be exercised, even the hands of those making the butter should be free from the slightest taint of soap. Persons who are subject to moist hands should never make butter, as it is liable to be contaminated by any animal secretion, and it is a good plan to rinse the hands in water containing some oatmeal before commencing. Great care should be taken to have the firkins and stoneware in which it is packed sweet and clean. Attention should also be paid to the atmosphere of the apartment in which the milk is first placed, and in which the subsequent operations go on, as a tainted atmosphere always tends to injure the quality of the marketable commodity.

ns on Monday.

	Sun's Declination.
1	22 9 51
11	23 8 49
21	23 27 10
30	23 8 29

EVENTS, &c.

Highway. Hot and  
Comet dis. 1858.  
at Neemuch, 1857.  
Magenta, 1859.  
os. of Acadia, 1755.  
a Bill passed, 1832.  
  
Sunday. Sultry,  
d., 1809, becoming  
pogee, 11 a.m.  
opt b. 1706, more  
Christi. rainy.  
k incorp., 1665.  
at Silistria, 1854.  
  
ay after Trinity.  
arta signed, 1215.  
ign. 1715. Still  
unker Hill, 1775. V  
1815. Shareable  
Sun, 1862.  
n of Q. Victoria.  
  
ay after Trinity.  
1815. 1 m.  
er St. Jean Bte.  
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e Mass., 1857. the  
aglan d., 1855. and  
  
ay after Trinity.  
1. 1852. warmer  
sh Hos. foun., 1696

1868]

MEMORANDUM FOR JUNE.

17

Day	Month	Year	Day	Month	Year	Day	Month	Year	Day	Month	Year
1	June	1868	1	June	1868	1	June	1868	1	June	1868
2	June	1868	2	June	1868	2	June	1868	2	June	1868
3	June	1868	3	June	1868	3	June	1868	3	June	1868
4	June	1868	4	June	1868	4	June	1868	4	June	1868
5	June	1868	5	June	1868	5	June	1868	5	June	1868
6	June	1868	6	June	1868	6	June	1868	6	June	1868
7	June	1868	7	June	1868	7	June	1868	7	June	1868
8	June	1868	8	June	1868	8	June	1868	8	June	1868
9	June	1868	9	June	1868	9	June	1868	9	June	1868
10	June	1868	10	June	1868	10	June	1868	10	June	1868
11	June	1868	11	June	1868	11	June	1868	11	June	1868
12	June	1868	12	June	1868	12	June	1868	12	June	1868
13	June	1868	13	June	1868	13	June	1868	13	June	1868
14	June	1868	14	June	1868	14	June	1868	14	June	1868
15	June	1868	15	June	1868	15	June	1868	15	June	1868
16	June	1868	16	June	1868	16	June	1868	16	June	1868
17	June	1868	17	June	1868	17	June	1868	17	June	1868
18	June	1868	18	June	1868	18	June	1868	18	June	1868
19	June	1868	19	June	1868	19	June	1868	19	June	1868
20	June	1868	20	June	1868	20	June	1868	20	June	1868
21	June	1868	21	June	1868	21	June	1868	21	June	1868
22	June	1868	22	June	1868	22	June	1868	22	June	1868
23	June	1868	23	June	1868	23	June	1868	23	June	1868
24	June	1868	24	June	1868	24	June	1868	24	June	1868
25	June	1868	25	June	1868	25	June	1868	25	June	1868
26	June	1868	26	June	1868	26	June	1868	26	June	1868
27	June	1868	27	June	1868	27	June	1868	27	June	1868
28	June	1868	28	June	1868	28	June	1868	28	June	1868
29	June	1868	29	June	1868	29	June	1868	29	June	1868
30	June	1868	30	June	1868	30	June	1868	30	June	1868

When the grass is out, as they should be in blow and below  
each ridge and they should be in blow and below  
amount of moisture, and require careful marking but produce the  
at once housed or put into the stack and well trodden down. A  
amount of heating improves the flavor, and renders the hay more  
able to every sort of stock. Hay that has stood for such a long  
less nutritious than that cut earlier for the ewes, goats, and calves.  
matured and has been stored for some time which are the  
little better than straw. For which cows' hay is best but above  
is taken in the morning and before feeding for horses and other

farmers send to  
should be ex  
free from the  
should be  
by any animal  
containing some  
have the firkins  
Attention should  
the milk is first  
tainted atmos  
commodity.

Moon's Phases.	D.	Kingston.		Toronto.		London.		Sun's Declination	
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon .....	4	3 35 p.	3 22 p.	3 14 p.	1	23 4 2			
Last Quarter.....	12	7 36 p.	7 23 p.	7 15 p.	11	22 1 2			
New Moon .....	19	4 52 p.	4 39 p.	4 31 p.	21	20 20 1			
First Quarter .....	26	8 47 a.	8 34 a.	8 26 a.	31	18 5 5			

M Week	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.		Rises.	Sets.		
1 Wed.	4 28	7 40	12 04	4 49	2 16	9 53	Confed. of B. A. Prov. 1860
2 Thur.	4 28	7 40	12 04	5 46	2 54	10 42	1. Peel d., 1850, <i>Weather</i>
3 Fri.	4 29	7 39	12 04	6 40	3 36	11 32	Quebec founded in 1608.
4 Sat.	4 29	7 39	12 04	7 28	4 24	a.m.	Independ. of U. S., 1776!
5 SUN.	4 30	7 39	12 04	8 12	5 15	0 21	4th Sunday after Trinity
6 Mon.	4 30	7 38	12 05	8 50	6 08	1 09	Moir, d., 1851. <i>changed</i>
7 Tues.	4 31	7 38	12 05	9 24	7 04	1 55	Moon's Apogee, noon.
8 Wed.	4 32	7 37	12 05	9 57	8 01	2 40	Ed. Parry d., 1855.
9 Thur.	4 32	7 37	12 05	10 25	8 59	3 24	Hallam, hist., b., 1777.
10 Fri.	4 33	7 36	12 05	10 52	9 57	4 08	Columbus b., 1447. <i>become</i>
11 Sat.	4 34	7 36	12 05	11 19	10 56	4 51	Canada inv., 1812.
12 SUN.	4 35	7 36	12 05	11 48	11 55	5 34	5th Sunday after Trinity
13 Mon.	4 36	7 35	12 05	a.m.	p.m. 58	6 19	R. Cromwell d., 1712. <i>Oct</i>
14 Tues.	4 36	7 35	12 05	0 18	1 58	7 06	16. Hot Wednes. 1803 <i>since</i>
15 Wed.	4 37	7 34	12 06	0 52	3 08	7 56	St. Swithin. <i>thunder</i>
16 Thur.	4 38	7 33	12 06	1 32	4 16	8 51	Beranger d., 1857.
17 Fri.	4 39	7 32	12 06	2 19	5 23	9 40	Cawnpore st., Havelock.
18 Sat.	4 40	7 31	12 06	3 13	6 25	10 40	Bat of Lundy's Lane, 1813
19 SUN.	4 41	7 30	12 06	4 17	7 23	11 52	6th Sunday after Trinity
20 Mon.	4 42	7 29	12 06	5 27	8 12	p.m. 58	Moon's Perigee 8 a.m.
21 Tues.	4 43	7 29	12 06	6 41	9 06	1 53	Burns d., 1796. <i>and com</i>
22 Wed.	4 43	7 28	12 06	7 57	9 35	2 51	23. Canadas United, 1840
23 Thur.	4 44	7 27	12 06	9 11	10 08	3 44	Gibraltar cap., 1704. <i>and</i>
24 Fri.	4 45	7 26	12 06	10 21	10 40	4 35	Congress of Vienna, 1814
25 Sat.	4 46	7 25	12 06	11 31	11 11	5 25	St. James. <i>hot and c</i>
26 SUN.	4 47	7 24	12 06	p.m. 38	11 44	6 14	7th Sunday after Trinity
27 Mon.	4 49	7 23	12 06	1 41	a.m.	7 02	Reign of Terror end., 1794
28 Tues.	4 50	7 22	12 06	2 44	0 17	7 52	Ld. Durham d., 1840. <i>De</i>
29 Wed.	4 51	7 21	12 06	3 42	0 56	8 40	Spanish Armada des., 1588
30 Thur.	4 52	7 20	12 06	4 37	1 36	9 29	Cook's first voyage, 1768
31 Fri.	4 53	7 19	12 06	5 26	2 21	10 17	Penn. d., 1718. <i>changed</i>

When the grasses are cut, as they should be in blow, and before the seed ripens and their stems get tough and hard, they contain the large amount of moisture, and require careful making, but produce then the most nutritious and palatable hay, as soon as it is thoroughly dry it should be at once housed or put into the stack and well trodden down. A certain amount of heating improves the flavour, and renders the hay more palatable to every sort of stock. Hay that has stood for seed is tougher and less nutritious than that cut earlier, for the sugar, gum, and gluten of the matured seed have been abstracted from the stems, which are then apt to be little better than straw. For milch cows grass hay is best, but clover hay is richer in albuminous matter and better adapted for horses and sheep.

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Day	Sun's Declination
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p. 11	22 1
p. 21	20 20
a. 31	18 5

Day	Notes
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4	<i>Merged 12 days work \$9</i>
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9	<i>Commenced May</i>
10	<i>paid toward \$2.6</i>
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21	<i>finished May</i>
22	
23	<i>Barle</i>
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25	
26	<i>Finished field</i>
27	<i>Received \$10 dollars silver</i>
28	
29	
30	<i>Finished cutting wheat</i>
31	

EVENTS, &c.

of B. A. Prov. 1860, d. 1860, Weath founded in 1808. of U. S., 1776.

Monday after Trini d., 1851. changea Apogee, noon. rry d., 1855.

n, hist., b., 1777, bus b., 1447. becom a inv., 1812.

Monday after Trini mwell d., 1712. Oc Wednes. 1808 sto ithin. thund ger d., 1857.

st., Havelock, Lundy's Lane, 18

Monday after Trini Perizee 8 a.m.

d., 1796. and con adas United, 184 star cap., 1704. uss of Vienna, 1814 mes. hot and

Monday after Trini of Terror end., 17 urham d., 1840. M sh Armada des. 1 first voyage, 1708 l., 1718. changea

y, and before th contain the larg uce then the m dry it should down. A cert he hay more pa ed is tougher and gluten of h are then apt to eat, but clover h rses and sheep.

it proved have a laxative effect on animals. roots can be used with advantage, for in early winter its juices being the

Moon's Phases.		Kingston.	Toronto.	London.	Sun's Declination.
	D.	h. m.	h. m.	h. m.	N. S.
Full Moon .....	3	6 47 a.	6 34 a.	6 26 a.	1 17 50 43
Last Quarter .....	11	7 24 a.	7 11 a.	7 03 a.	11 15 03 47
New Moon .....	17	0 07 a.	11 54 p.	11 46 p.	21 11 52 42
First Quarter .....	24	7 42 p.	7 29 p.	7 21 p.	31 8 22 41

Days.	Sun		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.		Rises.	Sets.		
M Week	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Sat.	4 54	7 18	12 06	6 10	3 19	11 05	Lammas Day.
2 SUN.	4 55	7 16	12 06	6 50	4 02	11 52	8th Sunday after Trinity.
3 Mon.	4 56	7 14	12 06	7 26	4 57	a.m.	2, Bat. Blenheim. Showery
4 Tues.	4 57	7 13	12 06	7 58	5 54	0 38	Pil. Fathers sailed, 1620.
5 Wed.	4 58	7 12	12 05	8 29	6 51	1 22	Lord Howe d., 1799. with
6 Thur.	4 59	7 10	12 05	8 57	7 56	2 06	Prince Alfred b., 1844. high
7 Fri.	5 01	7 09	12 05	9 21	8 48	2 40	Moon's Apogee, 6 p.m.
8 Sat.	5 02	7 07	12 05	9 51	9 40	3 33	G. Canning d., 1827. winds.
9 SUN.	5 04	7 06	12 05	10 20	10 40	4 16	9th Sunday after Trinity.
10 Mon.	5 05	7 05	12 05	10 51	11 50	5 01	St. Lawrence dis., 1555.
11 Tues.	5 06	7 04	12 05	11 23	p.m. 53	5 48	Wilson, financier, d., 1860.
12 Wed.	5 08	7 02	12 04	a.m.	1 57	6 39	Bunyan d., 1688. Unsettled
13 Thur.	5 09	7 00	12 04	0 10	3 03	7 34	14, 1st prin. book pub., 1457.
14 Fri.	5 11	6 58	12 04	0 50	4 07	8 32	Ld. Clyde d., 1863. for some
15 Sat.	5 12	6 56	12 04	1 55	5 05	9 31	Napoleon b., 1769. Time.
16 SUN.	5 13	6 55	12 04	3 03	6 00	10 34	10th Sun. after Trinity.
17 Mon.	5 14	6 54	12 03	4 14	6 46	11 34	Moon's Perigee, 6 p.m.
18 Tues.	5 15	6 52	12 03	5 30	7 26	p.m. 33	Beattie, poet, d., 1803. More
19 Wed.	5 16	6 51	12 03	6 46	8 04	1 30	Pascal d., 1662. pleasant
20 Thur.	5 16	6 50	12 03	8 01	8 38	2 24	Quekett, d., 1861. and set-
21 Fri.	5 17	6 49	12 03	9 13	9 12	3 17	The admiral Crichton b., 1561.
22 Sat.	5 18	6 47	12 02	10 23	9 43	4 07	23, Sir W. Wallace ex., 1305.
23 SUN.	5 19	6 45	12 02	11 30	10 18	4 57	11th Sun. after Trinity.
24 Mon.	5 20	6 44	12 02	p.m. 35	10 54	5 47	23, Am. war beg., 1775. led.
25 Tues.	5 22	6 42	12 02	1 34	11 34	6 36	Herschel d., 1822. Warm
26 Wed.	5 23	6 40	12 01	2 30	a.m.	7 25	Prince Consort b., 1819.
27 Thur.	5 24	6 38	12 01	3 22	0 18	8 14	Cesar land. in Brit., 65 B.C.
28 Fri.	5 25	6 36	12 01	4 09	1 06	9 03	Alciers bomb., 1816. and
29 Sat.	5 26	6 35	12 01	4 50	1 58	9 49	Loss of the R. George, 1782.
30 SUN.	5 27	6 33	12 00	5 27	2 51	10 35	12th Sun. after Trinity.
31 Mon.	5 28	6 32	12 00	6 01	3 47	11 20	Sultry.

Mangold Wurzel, the common beet used for feeding cattle. The cultivation of this plant was only introduced in England as a field crop in 1786, and it is only within the last few years that its value as fodder has been really appreciated. At first so little was its value felt that the leaves only were fed to cattle. It stands a high temperature much better, and is less liable to the ravages of insects or disease than the turnip. The mode of cultivation does not differ much from that of turnips. It requires about seven pounds of seed to an acre, and as the grains are covered with a hard and rough coat, a previous soaking promotes a regular and quick braird it should be taken up before severe frost, and it is some time after storing before the roots can be used with advantage, for in early winter its juices, being unripened, have a laxative effect on animals.

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1868  
on Saturday.

Sun's Declination.	
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ENTS, &c.

y.

after Trinity.  
heim. Showery  
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d., 1799. with  
d b., 1844, high  
ree, 6 p.m.  
d., 1827. winds.

after Trinity.  
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nceier, d., 1800.  
688. Unsettled  
book pub., 1457.  
1863. for some  
1760. time.

ter Trinity.  
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d., 1803. More  
82. pleasant  
1861 and set-  
rington b., 1561.  
Wallace ex., 1805.

ter Trinity.  
eg., 1775. Wed.  
1822. Warm  
ort b., 1819.  
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b., 1816. and  
R. George, 1782.

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1868] MEMORANDUM FOR AUGUST. 12  
September, 30 Days. 30th Month

Day	London	Toronto	Kingston	Montreal
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*cut & thresh wheat*

*Clark & Co. cut & thresh wheat*

*Moore & Co. cut & thresh wheat*

The rearing and fattening of this ox is one of the most important branches of agriculture. Since the price of butcher's meat has become so high, the breeding and feeding of early has received a great impetus. The most improved method of feeding is to give the calf a liberal quantity of good hay and a small quantity of corn. On the first day of the fattening the calf should be given a small quantity of hay and a small quantity of corn. The calf should be kept in a clean and comfortable stall, and should be fed with good hay and a small quantity of corn. The calf should be kept in a clean and comfortable stall, and should be fed with good hay and a small quantity of corn.

*Burlington*  
*John Charles*  
*comer seth*



Moon's Phases.	D.	Kingston.	Toronto.	London.	Sun's Declination.	
		h. m.	h. m.	h. m.	N	S
Full Moon .....	1	10 53 p.	10 40 p.	10 32 p.	1	8 01 02
Last Quarter .....	9	5 00 p.	4 47 p.	4 39 p.	8	5 25 02
New Moon .....	16	8 15 a.	8 02 a.	7 54 a.	16	2 21 18
First Quarter .....	23	10 17 a.	10 04 a.	9 56 a.	24	0 45 29

Days.	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.		Rises.	Sets.		
1 Tues.	5 28	6 31	11 59	6 31	4 44	a m.	Yarrel, nat. d., 1856. Fair
2 Wed.	5 30	6 29	11 59	7 00	5 42	0 04	London burnt, 1666. and
3 Thur.	5 31	6 27	11 59	7 26	6 40	0 47	Battle of Worcester, 1651.
4 Fri.	5 32	6 25	11 59	7 55	7 41	1 30	Riv. Hudson discov., 1609.
5 Sat.	5 33	6 23	11 58	8 23	8 42	2 14	1st Amer. Congress, 1774.
6 Sun.	5 34	6 22	11 58	8 53	9 43	2 59	13th Sun. after Trinity.
7 Mon.	5 35	6 20	11 58	9 26	10 45	3 45	Porteous Mob, 1736. season.
8 Tues.	5 37	6 18	11 57	10 05	11 50	4 34	Sebastopol taken, 1855. able
9 Wed.	5 38	6 16	11 57	10 51	p.m. 54	5 26	Bat. of Flodden, 1513. for
10 Thur.	5 39	6 15	11 57	11 43	1 56	6 21	First import. of tea, 1391.
11 Fri.	5 40	6 13	11 56	a.m.	2 54	7 18	America dis., 1492. some
12 Sat.	5 41	6 11	11 56	0 43	3 47	8 17	Ld. Metcalf d., 1846. time.
13 Sun.	5 42	6 09	11 56	1 50	4 35	9 16	14th Sun. after Trinity.
14 Mon.	5 43	6 07	11 55	3 02	5 18	10 15	Wellington d., 1852. Unset
15 Tues.	5 44	6 05	11 55	4 16	5 55	11 12	Moon's Perigee, 3 a.m. tied.
16 Wed.	5 46	6 04	11 55	5 34	6 31	p.m. 07	Fahrenheit d., 1736. wind
17 Thur.	5 47	6 02	11 54	6 48	7 05	1 03	Bat. of Antietam, 1862. and
18 Fri.	5 48	6 00	11 54	8 00	7 39	1 54	20, Bat. of Alma, 1854. rain.
19 Sat.	5 49	5 58	11 53	9 13	8 14	2 47	Lord Sydenham d., 1841.
20 Sun.	5 50	5 56	11 53	10 18	8 50	3 37	15th Sun. after Trinity.
21 Mon.	5 51	5 54	11 53	11 23	9 29	4 28	Sir W. Scott d., 1833. con-
22 Tues.	5 52	5 52	11 52	p.m. 24	10 12	5 19	Autumnal Equinox, timing
23 Wed.	5 54	5 51	11 52	1 16	11 01	6 08	Belgian Revolution, 1830.
24 Thur.	5 55	5 49	11 52	2 07	11 40	6 57	Visct. Hardinge d., 1856.
25 Fri.	5 56	5 47	11 51	2 51	a.m.	7 45	Porson d., 1808. unsettled.
26 Sat.	5 57	5 45	11 51	3 28	0 43	8 31	27, Moon's Apogee, 8 a.m.
27 Sun.	5 58	5 43	11 51	4 02	1 40	9 17	16th Sun. after Trinity.
28 Mon.	6 00	5 42	11 50	4 33	2 36	10 01	Detroit cap., 1813.
29 Tues.	6 02	5 40	11 50	5 03	3 35	10 45	Michaelmas Day.
30 Wed.	6 03	5 38	11 50	5 31	4 34	11 28	29, Battle of Kars, 1855.

The rearing and fattening of the ox is one of the most important branches of agriculture. Since the price of butchers' meat has become so much higher, the breeding and feeding of cattle has received a great impetus. It is now the most improved method to feed the calf from the time it is dropped till it is sent to the butcher. Oil-cake is generally considered the best and most healthy auxiliary food for stock, whether old or young. The young animals are fed with hay in winter instead of straw and turnips. Cows are selected either for their properties of giving large quantities of milk, or for raising stock which are well suited for fattening. For milking the Ayrshire stands undoubtedly at the head of the list.

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Sun's  
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&c.

56. Fair  
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ss, 1774.

Trinity.  
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Trinity.  
2. Unost-  
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d., 1841.

Trinity.  
1833. con-  
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1868] MEMORANDUM FOR SEPTEMBER.  
October, 31 Days. Begins on Thursday

Day	Event	Time	Notes
1	Hard comb # 29		
2			
3			
4			
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6			
7	EVENTS		
8	sowed wheat		
9			
10	sowed wheat		
11			
12	wheat		
13			
14	sowed grass seed		
15			
16			
17			
18			
19	Moppe 1 day work		
20			
21	wheat		
22	Durson 1 cut flower		
23	Clark 1 cut flower		
24	Received for Durson		
25			
26			
27			
28			
29	Hard Burns and 75		
30			

Barley can be grown advantageously after lupine if the crop has  
 sown on the ground prepared. The ground is carefully prepared  
 ploughed and rolling to pulverize it thoroughly before the reception of  
 ploughed which is ready for a full sowing in the late of the day  
 to an acre. Even on strong clay soils good crops may be obtained if  
 sown in the winter periods the seed is sown in the ground.  
 moun is thus obtained and the crops are usually abundant and of  
 quality. It is the opinion of many materialists that the finishing machine  
 injures the germinating properties of the barley.

10th Month.

October, 31 Days. Begins on Thursday.

1833

1868

Moon's Phases.	D.	Kingston.		Toronto.		London.		Sun's Declination.	
		h.	m.	h.	m.	h.	m.	S	O
Full Moon .....	1	2	54 p.	2	41 p.	2	33 p.	1	3 29' 03"
Last Quarter .....	9	1	09 a.	0	56 a.	0	43 a.	8	6 10 43
New Moon .....	15	5	57 p.	5	44 p.	5	36 p.	16	9 10 33
First Quarter .....	23	4	38 a.	4	25 a.	4	17 a.	24	12 01 51
Full Moon .....	31	6	01 a.	5	48 a.	5	40 a.		

M	Week	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
		Rises.	Sets.		Rises.	Sets.		
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	Thur.	6 03	5 36	11 49	5 58	5 33	a.m.	Bat. of Toulon, 1793. <i>Month</i>
2	Fri.	6 04	5 34	11 49	6 27	6 33	0 12	Major André ex., 1780.
3	Sat.	6 05	5 33	11 49	6 55	7 36	0 57	Treaty of Limerick, 1691.
4	SUN.	6 06	5 31	11 49	7 30	8 40	1 44	17th Sun. after Trinity.
5	Mon.	6 07	5 29	11 48	8 05	9 43	2 32	1st E. Bible printed, 1535.
6	Tues.	6 09	5 27	11 48	8 47	10 46	3 24	Jenny Lind b. 1821. <i>begins</i>
7	Wed.	6 10	5 25	11 48	9 36	11 49	4 15	8, N. W. Pass dis., 1853. <i>very</i>
8	Thur.	6 11	5 24	11 47	10 34	p.m. 47	5 12	Arch. Whately d. 1863. <i>scat.</i>
9	Fri.	6 12	5 22	11 47	11 36	1 41	6 07	Columbus dis. Cuba, 1492.
10	Sat.	6 14	5 20	11 47	a.m.	2 31	7 06	Father Mathew b., 1790.
11	SUN.	6 15	5 18	11 47	0 45	3 12	8 01	18th Sun. after Trinity.
12	Mon.	6 16	5 17	11 46	1 56	3 51	8 57	Bat. Queenst'n, 1812. <i>More</i>
13	Tues.	6 17	5 15	11 46	3 11	4 26	9 53	Moon's Perigee, 6 a.m. <i>set d.</i>
14	Wed.	6 18	5 13	11 46	4 22	4 59	10 45	13, Gen. Brock k., 1812.
15	Thur.	6 20	5 12	11 46	5 36	5 34	11 39	Com. N. R., 1851. <i>pleasant</i>
16	Fri.	6 21	5 10	11 45	6 47	6 08	p.m. 31	Par. Houses bt., 1834. <i>and</i>
17	Sat.	6 22	5 08	11 45	7 58	6 43	1 24	Sir P. Sidney d., 1586. <i>warm,</i>
18	SUN.	6 26	5 07	11 45	9 04	7 22	2 16	19th Sun. after Trinity.
19	Mon.	6 25	5 05	11 45	10 07	8 05	3 07	Dean Swift d., 1745. <i>becom-</i>
20	Tues.	6 26	5 04	11 45	11 08	8 51	4 01	Grace Darling d., 1842. <i>ing</i>
21	Wed.	6 27	5 02	11 45	11 58	9 41	4 49	Trafalgar, 1805. <i>cooler.</i>
22	Thur.	6 28	5 00	11 44	p.m. 47	10 32	5 39	Sir W. Molesworth d., 1855.
23	Fri.	6 30	4 59	11 44	1 27	11 28	6 27	Irish Massacre, 1641. <i>Look</i>
24	Sat.	6 31	4 57	11 44	2 03	a.m.	7 13	Webster d., 1852. <i>out for</i>
25	SUN.	6 33	4 56	11 44	2 35	0 26	7 56	20th Sun. after Trinity.
26	Mon.	6 34	4 54	11 44	3 04	1 24	8 40	25, Moon's Apogee, 1 a.m.
27	Tues.	6 35	4 53	11 44	3 33	2 23	9 24	M. Servetus b., 1553. <i>snow.</i>
28	Wed.	6 36	4 51	11 44	3 59	3 23	10 07	St. Simon & St. Jude. <i>Un-</i>
29	Thur.	6 38	4 50	11 44	4 27	4 24	10 52	Tower of London b., 1842.
30	Fri.	6 39	4 49	11 44	4 56	5 25	11 37	Earl of Dundonald d., 1860.
31	Sat.	9 40	4 47	11 44	5 28	6 28	a.m.	All Hallow's Eve. <i>settled</i>

Barley can be grown advantageously after turnips, if the crop has been consumed on the ground by sheep. The ground is carefully prepared by ploughing and rolling to pulverize it thoroughly before the reception of the seed, which is usually sown by a drill machine, at the rate of two bushels to an acre. Even on strong clay soils good crops may be obtained, if the barley is sown after a summer fallow or green crop, in which case the ground ought to be ploughed in the fall to render it friable by spring. As soon as the weather permits the seed is committed to the ground. A fine mould is thus obtained, and the crops are usually abundant and of good quality. It is the opinion of many maltsters that the thrashing machine injures the germinating properties of the barley.

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1868  
Thursday.

Sun's  
Elevation.  
3 29 03  
6 10 43  
9 10 33  
12 10 11  
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&c. 7  
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793. Month  
1780.  
ick, 1691.  
Trinity.  
inted, 1535.  
221. begins  
a, 1853. very  
d. 1863. wet.  
Juba, 1492.  
b., 1790.  
Trinity.  
1812. More  
6 a.m. set d.  
1812.  
1. pleasant  
, 1834. and  
, 1586. warm.  
Trinity.  
1745. becom-  
d., 1842. and  
cooler.  
orth d., 1855.  
, 1641. Look  
52. out for  
Trinity.  
ogee, 1 a.m.  
, 1553. snow.  
Jude. Un-  
don b., 1842.  
onald d., 1860.  
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1868] MEMORANDUM FOR OCTOBER. 25

Day	Month	Year	Time	Temp	Wind	Clouds	Remarks
1	Oct	1868	...	...	...	...	...
2	Oct	1868	...	...	...	...	...
3	Oct	1868	...	...	...	...	...
4	Oct	1868	...	...	...	...	...
5	Oct	1868	...	...	...	...	...
6	Oct	1868	...	...	...	...	...
7	Oct	1868	...	...	...	...	...
8	Oct	1868	...	...	...	...	...
9	Oct	1868	...	...	...	...	...
10	Oct	1868	...	...	...	...	...
11	Oct	1868	...	...	...	...	...
12	Oct	1868	...	...	...	...	...
13	Oct	1868	...	...	...	...	...
14	Oct	1868	...	...	...	...	...
15	Oct	1868	...	...	...	...	...
16	Oct	1868	...	...	...	...	...
17	Oct	1868	...	...	...	...	...
18	Oct	1868	...	...	...	...	...
19	Oct	1868	...	...	...	...	...
20	Oct	1868	...	...	...	...	...
21	Oct	1868	...	...	...	...	...
22	Oct	1868	...	...	...	...	...
23	Oct	1868	...	...	...	...	...
24	Oct	1868	...	...	...	...	...
25	Oct	1868	...	...	...	...	It is a notorious fact that a great deal of the business of commerce is done by the means of letters, and that it is in many cases, done by the means of letters, and that it is in many cases, done by the means of letters.
26	Oct	1868	...	...	...	...	...
27	Oct	1868	...	...	...	...	...
28	Oct	1868	...	...	...	...	...
29	Oct	1868	...	...	...	...	...
30	Oct	1868	...	...	...	...	...
31	Oct	1868	...	...	...	...	...

Moon's Phases.	D.	Kingston.		Toronto.		London.		Sun's Declination.	
		h.	m.	h.	m.	h.	m.	°	'
Last Quarter.....	7	8	42 a.	8	29 a.	8	21 a.	1	14 41 30
New Moon.....	14	5	51 a.	5	38 a.	5	30 a.	8	16 48 43
First Quarter.....	22	1	42 a.	1	29 a.	1	21 a.	16	18 56 55
Full Moon.....	29	7	56 p.	7	43 p.	7	35 p.	24	20 43 29

Days.	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.		
	M	Week		Rises.	Sets.			Rises.	Sets.
				h. m.	h. m.			h. m.	h. m.
1	SUN.	6 42	4 46	11 44	6 03	7 31	21st Sun. after Trinity.		
2	Mon.	6 43	4 44	11 44	6 45	8 41	1. All Saint's Day.		
3	Tues.	6 44	4 43	11 44	7 33	9 43	Bat. of Acrr. Changeable		
4	Wed.	6 45	4 42	11 44	8 27	10 44	Transit of Mercury. High		
5	Thur.	6 47	4 41	11 44	9 28	11 39	Gunpowder plot, 1605. kee		
6	Fri.	6 48	4 39	11 44	10 31	p.m. 30	5. Bat. of Lukerman, 1854.		
7	Sat.	6 50	4 38	11 44	11 44	1 13	8. Milton d. 1674. wind		
8	SUN.	6 51	4 37	11 44	a.m.	1 51	22nd Sun. after Trinity.		
9	Mon.	6 52	4 36	11 44	0 54	2 28	Moon's Perigee, 9 a.m.		
10	Tues.	6 54	4 35	11 44	2 05	2 58	9. Birth of P. of Wales, 181		
11	Wed.	6 55	4 34	11 44	3 17	3 31	S. Sands burnt, 1857.		
12	Thur.	6 56	4 32	11 44	4 28	4 05	Montreal t. ken, 1774. pro		
13	Fri.	6 58	4 31	11 45	5 38	4 39	Curran d., 1817. sailing		
14	Sat.	6 59	4 30	11 45	6 46	5 14	p.m. 03 Source of Nile dis., 1358.		
15	SUN.	7 00	4 30	11 45	7 52	5 51	23rd Sun. after Trinity.		
16	Mon.	7 02	4 29	11 45	8 54	6 49	Forcusion astron. d., 1770		
17	Tues.	7 03	4 28	11 45	9 50	7 30	Prof. Forbes d., 1854. Clem		
18	Wed.	7 04	4 27	11 45	10 40	8 21	Luther b., 1483. ing upon		
19	Thur.	7 05	4 26	11 46	11 24	9 17	Bat. of Navarino, 1827. b		
20	Fri.	7 07	4 25	11 46	p.m. 03	10 15	5 08 Lord Elgin d., 1803. comin		
21	Sat.	7 08	4 25	11 46	0 36	11 10	5 51 Moon's Apogee, 9 p.m.		
22	SUN.	7 09	4 24	11 47	1 06	a.m.	6 35 24th Sun. after Trinity.		
23	Mon.	7 11	4 23	11 47	1 34	0 10	7 18 Arch. Tillotson d., 1694.		
24	Tues.	7 12	4 22	11 47	2 01	1 09	8 01 Knox d., 1672. pleasur		
25	Wed.	7 13	4 22	11 47	2 29	2 09	8 45 British evac. N. Y., 1783.		
26	Thur.	7 14	4 21	11 48	2 55	3 11	9 30 War. South, 1850. Cont		
27	Fri.	7 15	4 21	11 48	3 26	4 13	10 18 Bat. of Cawnpore, 1857.		
28	Sat.	7 17	4 20	11 48	4 00	5 18	11 08 28. Bat. of Pentland, 1668		
29	SUN.	7 18	4 20	11 49	4 41	6 24	a.m. Advent Sunday. un		
30	Mon.	7 19	4 19	11 49	5 25	7 30	0 02 St. Andrew. pleasur		

It is a notorious fact that a great deal of the rye grass of commerce raised in badly farmed districts; and as it is, in many cases, bought and sown by the unsuspecting farmer, without being properly cleaned, it is no wonder that he is often surprised and annoyed to find the fields overgrown with weeds of all descriptions, though he was most particular in cleaning his land before sowing it down. Another means of propagating the growth of weeds is by the wind; here again the prevention is in the hands of the farmer. Such weeds should never be allowed to come to seed; all the fields should be gone over twice in the year. That great pest, the thistle, may be destroyed, if cut a little under ground about the end of May, and a little common salt applied to the root.

Sun's Declination	
1	14 41 30
8	16 48 43
16	18 56 55
24	20 43 29

EVENTS, &c.

after Trinity.  
 in's Day.  
 Changeable  
 of Mercury. High  
 der plot, 1603. Ke  
 of Lukerman, 1854.  
 d, 1874.

after Trinity.  
 Prigee, 9 a m.  
 of P. of Wales, 181  
 a burnt, 1857.  
 t ken, 1774. pr  
 l, 1817. vailin  
 of Nile dis, 1853.

after Trinity.  
 n. astron. d, 1770.  
 bes d, 1854. Clem  
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 uin d, 1803. comi  
 Apocoe, 9 p.m.

after Trinity.  
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 Cawnpore, 1857.  
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Sunday. un  
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Day	Month	Year	Time	Event	Location
1	Nov	1868	11:00	...	...
2	Nov	1868	10:50	...	...
3	Nov	1868	10:40	...	...
4	Nov	1868	10:30	...	...
5	Nov	1868	10:20	...	...
6	Nov	1868	10:10	...	...
7	Nov	1868	10:00	...	...
8	Nov	1868	9:50	...	...
9	Nov	1868	9:40	...	...
10	Nov	1868	9:30	...	...
11	Nov	1868	9:20	...	...
12	Nov	1868	9:10	...	...
13	Nov	1868	9:00	...	...
14	Nov	1868	8:50	...	...
15	Nov	1868	8:40	...	...
16	Nov	1868	8:30	...	...
17	Nov	1868	8:20	...	...
18	Nov	1868	8:10	...	...
19	Nov	1868	8:00	...	...
20	Nov	1868	7:50	...	...
21	Nov	1868	7:40	...	...
22	Nov	1868	7:30	...	...
23	Nov	1868	7:20	...	...
24	Nov	1868	7:10	...	...
25	Nov	1868	7:00	...	...
26	Nov	1868	6:50	...	...
27	Nov	1868	6:40	...	...
28	Nov	1868	6:30	...	...
29	Nov	1868	6:20	...	...
30	Nov	1868	6:10	...	...
1	Dec	1868	6:00	...	...

It is desired to have rows in a short time they should  
 be confined in small coops; troughs for food and water should be fastened  
 round the edge of the coop, and the whole placed in a cool building away  
 from other fowls. For the first few days water should be given  
 second day commence feeding regularly three times daily, with the usual  
 ration of food. Commence with white bread, and gradually  
 change should be cleaned daily, and supplied with plenty of fresh water.  
 The fowls should be kept in the morning and in the afternoon  
 all times. In room for them to scratch they will be in their best  
 condition when the ground is light and they have some  
 (discontinued)



Moon's Phases.	D.	Kingston.	Toronto.	London.	Sun's Declination.		
		h. m.	h. m.	h. m.	S	o	'
Last Quarter.....	6	4 29 p.	4 16 p.	4 08 p.	1	21	58 31
New Moon.....	13	8 29 p.	8 16 p.	8 08 p.	8	22	48 55
First Quarter.....	21	11 24 p.	11 11 p.	11 03 p.	16	22	21 50
Full Moon.....	29	8 43 a.	8 30 a.	8 22 a.	24	23	24 52

Days.	Sun.		Sun on Merid.	Moon.		Moon on Merid.	EVENTS, &c.
	Rises.	Sets.		Rises.	Sets.		
M Week	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1 Tues.	7 20	4 19	11 49	6 17	8 36	0 58	Elliott, corn law poet d. 1849
2 Wed.	7 21	4 19	11 50	7 18	9 35	1 56	Coup d'Etat, Paris, 1858.
3 Thur.	7 22	4 18	11 50	8 24	10 26	2 55	Bat. of Hohenlinden, 1800.
4 Fri.	7 23	4 18	11 51	9 33	11 13	3 53	Moon's Perigee, 3 a.m.
5 Sat.	7 24	4 18	11 51	10 45	11 55	4 49	Bat. Austerlitz, 1805. <i>crally</i>
6 SUN.	7 25	4 18	11 52	11 54	p.m. 31	5 43	2nd Sunday in Advent.
7 Mon.	7 26	4 18	11 52	a.m.	1 02	6 34	6, Reb. in Canada, 1837. <i>fair</i>
8 Tues.	7 27	4 18	11 52	1 05	1 34	7 25	DeQuincy d., 1859. <i>with</i>
9 Wed.	7 28	4 18	11 53	2 15	2 06	8 15	Father Mathew d., 1856.
10 Thur.	7 29	4 18	11 53	3 23	2 38	9 04	Gen. Williams, Kars b., 1800.
11 Fri.	7 30	4 18	11 54	4 31	3 12	9 55	<i>some pleasant days for</i>
12 Sat.	7 31	4 18	11 54	5 36	3 51	10 46	N. Zealand dis., 1642. <i>some</i>
13 SUN.	7 31	4 18	11 55	6 42	4 32	11 38	3rd Sunday in Advent.
14 Mon.	7 32	4 18	11 55	7 49	5 19	p.m. 30	Washington d., 1790. <i>time.</i>
15 Tues.	7 33	4 19	11 56	8 32	6 11	1 21	14, Prince Consort d., 1861.
16 Wed.	7 34	4 19	11 56	9 20	7 04	2 11	Weber, composer b., 1786.
17 Thur.	7 34	4 19	11 57	10 01	8 01	2 59	Sir H. Davy b., 1779. <i>Grad-</i>
18 Fri.	7 35	4 20	11 57	10 37	8 59	3 45	Ld. Lynedoch d., 1843. <i>ually</i>
19 Sat.	7 35	4 20	11 58	11 09	9 58	4 30	Moon's Apogee, 7 p.m.
20 SUN.	7 36	4 20	11 58	11 37	10 56	5 13	4th Sunday in Advent.
21 Mon.	7 36	4 21	11 59	p.m. 04	11 54	5 56	St. Thomas. <i>changes to</i>
22 Tues.	7 37	4 21	11 59	0 30	a.m.	6 38	Winter Solstice. <i>wtrnd.</i>
23 Wed.	7 37	4 22	12 00	0 56	0 55	7 21	22, Bat. of Ferozeshah, 1845.
24 Thur.	7 38	4 23	12 00	1 25	1 56	8 07	Thackeray d., 1863. <i>Rain</i>
25 Fri.	7 38	4 23	12 01	1 56	2 59	8 55	Chris'mas Day. <i>and</i>
26 Sat.	7 38	4 24	12 01	2 32	4 03	9 47	St. Stephen's Day. <i>snow.</i>
27 SUN.	7 39	4 25	12 02	3 13	5 10	10 42	1st Sun. after Christmas.
28 Mon.	7 39	4 25	12 02	4 04	6 16	11 41	Buffalo burnt, 1813.
29 Tues.	7 39	4 26	12 03	5 01	7 20	a.m.	De'tr. of the Caroline, 1837.
30 Wed.	7 39	4 27	12 03	6 07	8 19	0 41	Black Rock burnt, 1813.
31 Thur.	7 39	4 28	12 04	7 18	9 09	1 41	Moon's Perigee, 1 p.m.

**Fattening Fowls.** If it is desired to fatten fowls in a short time, they should be confined in small coops; troughs for food and water should be fastened round the edge of the coop, and the whole placed in an out building, away from other fowls. For the first 24 hours give water but no food, on the second day commence feeding regularly three times daily, with the most nutritious food, such as oatmeal mixed with milk, boiled wheat, &c. The troughs should be cleaned daily, and supplied with plenty of fresh water. The fowls must be fed very early in the morning, and all they will eat at all times. In from fourteen to twenty days they will be in their best condition, when they should be killed, for if kept longer they soon become diseased.

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Tuesday.

Sun's Declination.	
S	D
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8	22 48 55
6	22 21 50
4	23 24 52

TS, &c.

law poet d. 1849  
 Paris, 1858.  
 blinden, 1800.  
 see, 3 a.m. Gen-  
 tz, 1805. *erally*

*in Advent.*  
 ada, 1837. *fair*,  
 1859. *with*  
 new d., 1856.  
 ns, Kars b., 1800.  
 asant days for  
 is., 1842. *some*

*in Advent.*  
 d., 1790. *time*.  
 onsort d., 1861.  
 oposer b., 1786.  
 b., 1779. *Grad-*  
 ch d., 1843. *ually*  
 gece, 7 p.m.

*in Advent.*  
 , *changes to*  
 tice. *wind*.  
 erozeshah, 1845.  
 d., 1863. *Rain*  
 Day. *and*  
 's Day. *snow*.

*ter Christmas.*  
 rnt, 1813.  
 he Caroline, 1837.  
 k burnt, 1813.  
 rige, 1 p.m.

me, they should  
 d be fastened  
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 with the most  
 wheat, &c. The  
 of fresh water.  
 they will eat at  
 their best con-  
 ey soon become

1868]

MEMORANDUM FOR DECEMBER.

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- 29 *Received 9-70*
- 30 *Received 7-19*
- 31 *Bawson 2 cut flowers*

Denis Gobley, Governor of Canada's Secretary

# The Royal Family.

## THE QUEEN.

VICTORIA, Queen of the United Kingdom of Great Britain and Ireland; only daughter of His late Royal Highness Edward Duke of Kent; and Victoria late Duchess of Kent, daughter of Francis, Duke of Saxe-Cobourg; born the 24th May, 1819; succeeded to the Throne on the decease of her Uncle, William IV., June 20th, 1837; proclaimed June 21st, 1837; Crowned June 28 h. 1838; Married February 10th, 1840, to Field Marshall His Royal Highness Prince Albert Augustus Charles Emmanual, Prince of Saxe Cobourg and Gotha, who died at Windsor Castle, December 14th, 1861.

### ISSUE.

Victoria Adelaide Mary Louise (Princess Royal) born November 21st, 1840; married January 25th, 1858, H. R. H. Frederick William, Prince of Prussia; Albert Edward, (Prince of Wales) born November 9th, 1841, married Princess Alexandra of Denmark, 10th of March, 1863; Alice Maud Mary, born April 22nd, 1843, married July 1st, 1862, H. R. H. Prince Louis of Hesse; Alfred Ernest Albert, born August 6th, 1844; Helena Augusta Victoria, born May 25th, 1846, married 6th of July, 1866, Prince Christian of Augustenburg; Louise Caroline Alberta, born March 18th, 1848; Arthur William Patrick Albert, born May 1st, 1850; Leopold George Duncan Albert, born April 7th 1853; Beatrice Mary Victoria Feodore, born April 14th. 1857.

THE QUEEN'S COUSINS—George Duke of Cambridge, born March 26th, 1819; Princess Augusta, (Duchess of Mecklenburg Strelitz) born July 19th, 1822; Mary Adelaide Wilhelmina Elizabeth, born November 27th, 1833, married June, 1866, Prince Teck of Austria.

## DOMINION OF CANADA.

### THE GOVERNOR GENERAL.

The Right Honourable Charles Stanley Viscount Monck, Governor General of British North America, and Captain General and Governor in Chief in and over the Dominion of Canada, and the Island of Prince Edward, and Vice-Admiral of the same, &c.  
Denis Godley, Governor General's Secretary.

Aides de  
Aide-de C  
Col. Irvine,  
Aide de Ca  
Lient. Ge  
in B. N. A  
Guards; A  
Lient. Har  
Asst. A. Ge  
Asst. Q. M  
Command  
Capt. Majun  
Command  
Campa, Cap  
of Brigade,  
Command  
de Camp, G  
Command  
de Camp, Ca  
MEMBERS  
Hon. Sir J. A  
" G. E. C  
" S. L. T  
" W. Mc  
" W. P. F  
Wm. H. L  
asst. Clerk of  
warrants for  
Minister of Ju  
Minister of M  
Minister of C  
Minister of F  
Minister of P  
Minister of In  
Secretary of S  
President of T  
Minister of M  
Postmaster G  
Minister of A  
Secretary of S  
Receiver Gen



*Aides de Camp*:—Lieut. Col. the Hon. R. Monck, Military Secretary and Aide-de-Camp; Captain Pemberton, 60th Rifles, Aide-de-Camp; Lieut. Col. Irvine, Provincial Aide-de-Camp; Lieut. Col. F. W. Cumberland, extra Aide de Camp.

Lieut. General Sir O. Ash Wincham, K.C.B., commanding the Forces in B. N. America. Military Secretary Lieut. Col. Earle, Grenadier Guards; Aides-de-Camp Capt. the Hon. R. Montmorenci, 32nd Foot, and Lieut. Harris, 86th Foot; Deputy Adjutant General, Col. J. E. Thickwell, Asst. A. General, Col. Lyons, Deputy Q. M. General, Col. G. J. Wolsley, Asst. Q. M. General, Lieut. Col. Sir Henry M. Havelock.

Commanding in Quebec, Major-General David Russel, C.B., Aide-de-Camp Capt. Major 75th Foot, Major of Brigade, Capt. Healy, 46th Foot.

Commanding in Ontario, Major-General H. W. Stisted, C.B., Aide-de-Camp, Capt. Fryer, Rifle Brigade and Capt. Moorson, 30th Foot, Major of Brigade, Capt. Parsons.

Commanding in Nova Scotia, Major General Hastings Doyle; Aide-de-Camp, Capt. De Winton, R. A.

Commanding in New Brunswick, Colonel Hardinge, C. B.; Aide-de-Camp, Capt. H. W. Clarke, 62nd Foot.

**MEMBERS OF THE QUEEN'S PRIVY COUNCIL FOR CANADA.**

- |                                  |                            |
|----------------------------------|----------------------------|
| Hon. Sir J. A. Macdonald, K.C.B. | Hon. A. J. Ferguson Blair. |
| " G. E. Cartier, C.B.            | " Peter Mitchell.          |
| " S. L. Tilley, C. R.            | " Alex Campbell.           |
| " W. McDougall, C.B.             | " J. C. Chapuis.           |
| " W. P. Howland, C.B.            | " H. L. Langevin.          |
| "                                | " E. Kenny.                |

Wm. H. Lee, Clerk of the Privy Council for Canada, Wm. A. Hinworth, asst. Clerk of the Privy Council, and Deputy Governors for signing money warrants for the Province of Canada.

*Ministry of the Dominion of Canada.*

- |   |                           |
|---|---------------------------|
| Minister of Justice and Attorney-General..... | Hon. Sir J. A. Macdonald. |
| Minister of Militia.....                      | " G. E. Cartier.          |
| Minister of Customs.....                      | " S. E. Tilley.           |
| Minister of Finance.....                      | " A. T. Galt.             |
| Minister of Public Works.....                 | " Wm. McDougall.          |
| Minister of Inland Revenue.....               | " Wm. P. Howland.         |
| Secretary of State for Province.....          | "                         |
| President of Privy Council.....               | " A. G. F. Blair.         |
| Minister of Marine and Fisheries.....         | " P. Mitchell.            |
| Postmaster General.....                       | " A. Campbell.            |
| Minister of Agriculture.....                  | " J. C. Chapuis.          |
| Secretary of State for Canada.....            | " H. L. Langevin.         |
| Receiver General.....                         | " E. Kenny.               |

The Act of 29th March, 1867, having declared that (clause 7) there shall be one Parliament for Canada, consisting of the Queen, an Upper House, called the Senate, (72 members) and the House of Commons, (181 members) and that (clause 25) such persons shall be first summoned to the Senate as the Queen thinks fit to approve. The following whose names were inserted in the Queen's Proclamation of Union, comprise the

SENATE OF CANADA.

Hon. Joseph Cauchon, Speaker.

From the Province of Ontario—24 Members.

- |                         |                        |
|-------------------------|------------------------|
| Hon. John Hamilton      | Hon. Asa A. Burnham.   |
| " Roderick Matheson.    | " John Simpson.        |
| " John Ross.            | " James Skead.         |
| " Samuel Mills.         | " David L. Macpherson. |
| " Benjamin Seymour.     | " George Crawford.     |
| " Walter H. Dickson.    | " Donald Macdonad.     |
| " James Shaw.           | " Oliver Blake.        |
| " A. J. F. Blair, C. B. | " James C. Aikens.     |
| " Alexander Campbell.   | " Elijah Leonard.      |
| " David Christie.       | " Billa Flint.         |
| " David Reesor.         | " Walter McCrea.       |
| " Wilham McMaster.      | " George W. Allan.     |

From the Province of Quebec—24 Members.

- |                      |                          |
|----------------------|--------------------------|
| Hon. James Leslie.   | Hon. E. H. J. Duchesnay. |
| " Asa B. Foster.     | " David E. Price.        |
| " Joseph N. Bosse.   | " Leandre Dumonchel.     |
| " Louis A. Oliver.   | " Louis Lacoste.         |
| " Jacques O. Bureau. | " Joseph F. Armand.      |
| " Charles Malhiot.   | " Charles Wilson.        |
| " Louis Renaud.      | " William H. Chaffers.   |
| " Luc L. St. Just.   | " J. B. Guevremont.      |
| " Ulric J. Tessier.  | " James Ferrier.         |
| " John Hamilton.     | " J. Cauchon.            |
| " Charles Cormier.   | " Thomas Ryan.           |
| " A. J. Duchesnay.   | " John S. Sanborn.       |

From the Province of Nova Scotia—12 Members.

- |                        |                       |
|------------------------|-----------------------|
| Hon. Edward Kenny.     | Hon. John W. Ritchie. |
| " Jonathan McCully.    | " Benjamin Weir.      |
| " Thomas D. Archibald. | " John Locke.         |
| " Robert B. Dickey.    | " Caleb R. Hill.      |
| " John H. Anderson.    | " John Bourimont.     |
| " John Holmes.         | " William Miller.     |

From the Province of New Brunswick—12 Members.

- |                        |                          |
|------------------------|--------------------------|
| Hon. Amos E. Bestford. | Hon. William H. Steeves. |
| " Edward B. Chandler.  | " William Todd.          |
| " John Robertson.      | " John Ferguson.         |
| " Robert L. Hazler.    | " Robert D. Wilmot.      |
| " William H. Odell.    | " A. R. McLellen.        |
| " David Wark.          | " Peter Mitchell.        |

Alterations may probably take place shortly in the members of Government, but it was judged unadvisable to postpone publication.

Clause 37 consist of 18 Quebec, 19 fo enacts that e solved by the

NOTE.—The under the sep

- Addington...
- Algoma .....
- Bothwell .....
- Brant, N .....
- Brant, S .....
- Brockville .....
- Bruce, N .....
- Bruce, S .....
- Carleton .....
- Cornwall .....
- Cardwell .....
- Dundas .....
- Durham, E .....
- Durham, W .....
- Essex .....
- Elgin, E .....
- Elgin, W .....
- Frontenac .....
- Glengary .....
- Grenville, S .....
- Grey, S .....
- Grey, N .....
- Halton .....
- Hamilton .....
- Hastings, W .....
- Hastings, E .....
- Hastings, N .....
- Haldimand .....
- Huron, N .....
- Huron, S .....
- Kent .....
- Kingston .....
- Lanark, N .....
- Lanark, S .....
- Leeds, N. and .....
- Greenville, N .....
- Leeds, S .....
- Lincoln .....
- London .....
- Lambton .....
- Lennox .....
- Monk .....

HOUSE OF COMMONS.

Clause 37 of the Union Act settles that the House of Commons shall consist of 181 members, of whom 82 shall be elected for Ontario, 65 for Quebec, 19 for Nova Scotia, and 15 for New Brunswick; and clause 50 enacts that each Parliament shall continue five years, unless sooner dissolved by the Governor General.

NOTE.—The division of Canada into Electoral Districts will be found under the separate head of Provinces.

Members from Ontario.

Addington....	Lepum, E.	Middlesex, E. Wilson, C.
Algoma .....	Simpson, W.	Middlesex, N. Scatcherd, T.
Bothwell .....	Mills, D.	Middlesex, W. Macdonald, A. P.
Brant, N .....	Bown, J. Y.	Northum'd. E. Keeler, J.
Brant, S .....	Wood, E. B.	Northum'd. W. Cockburn, J.
Brockville .....	Crawford, James.	Norfolk, S. ... Lawson, P.
Bruce, N .....	Sproat, A.	Norfolk, N. ... Walsh, A.
Bruce, S .....	Hurden, F.	Ningara, ... Morrison, A.
Carleton .....	Holmes, J.	Ontario, N. ... Thomson, J. H.
Cornwall .....	Macdonald, J. S.	Ontario, S. ... Gibbs, T. N.
Cardwell .....	Ferguson, T. R.	Oxford, N. ... Oliver, T.
Dundas .....	Ross, J. S.	Oxford, S. ... Bodwell, E. V.
Durham, E. ...	Burton, F. H.	Ottawa .....
Durham, W. ...	Blake, E.	Prescott .....
Essex .....	O'Connor, J.	Prince Edw'd. Ross, W.
Elgin, E. ....	Dobbie, S. W.	Perth, N. ... Redford, J.
Elgin, W. ....	Munro, J. H.	Perth, S. ... Macfarlane, R.
Frontenac .....	Kirkpatrick, T.	Peel .....
Glengary .....	Macdonald, D. A.	Peterboro', E. Grover, P. M.
Grenville, S. .	Shanly, W.	Peterboro' W. Perry, C.
Grey, S .....	Jackson, G.	Russel .....
Grey, N. ....	Snider, G.	Renfrew, S. .
Halton .....	White, J.	Renfrew, N. ... Rankin, J.
Hamilton .....	Magill, C.	Stormont .....
Hastings, W. .	Brown, J.	Simcoe, N. ... McConkey, T. D.
Hastings, E. .	Read, R.	Simcoe, S. ... Little, W. G.
Hastings, N. .	Bowell, McK.	Toronto, W. ... Harrison, R. A.
Haldimand ...	Thompson, D.	Toronto, E. ... Beatty, J.
Huron, N. ...	Whitehead, Jos.	Victoria, N. .
Huron, S. ....	Cameron, M. C.	Victoria, S. .
Kent .....	Stephenson, R.	Wentworth, N. McMonies, J.
Kingston .....	Macdonald, Sir. J. A.	Wentworth, S. Rymal, J.
Lanark, N. ...	Macdougall, W.	Wellington, N. Drew, G. A.
Lanark, S. ...	Morris, A.	Wellington, O. Parker, T. S.
Leeds, N. and )	Jones, F.	Wellington, S. Stirton, D.
Grenville, N. }		Welland .....
Leeds, S. ....	Crawford John.	Waterloo, N. ... Bowman, Jas. E.
Lincoln .....	Benson, J. R.	Waterloo, S. ... Young, J.
London .....	Carling, J.	York, E. ....
Lambton .....	McKenzie, A.	York, W. ....
Lennox .....	Cartwright, R. J.	York, N. ....
Monk .....	McCallum, L.	



## FARMER'S ALMANAC.

## From the Province of Quebec.

Argenctenil ..... Abbot, J. J. C.  
 Bague ..... Gendrow, A.  
 Bague ..... Roger, J.  
 Beauharnois ..... Cayley, J. M.  
 Beillevue ..... Ca-sault, M. H.  
 Berthier ..... Piquet, A. H.  
 Bonaventure ..... Robitaille, T.  
 Boome ..... Dunkin, C.  
 Chambly ..... B. Wolf, M.  
 Champlain ..... Ross, J. J.  
 Charlevoix ..... Chouin, M. H.  
 Chateauguay ..... Holton, L. P. A.  
 Chicoutimi ..... Tremblay, G.  
 Compton ..... Pope, J. H.  
 Dochester ..... Langevin, H. L.  
 Drummond and Genereau, M.  
 D'Arthabaska .....  
 Gaspé ..... Fortin, P.  
 Hochelaga ..... Dorion, A. A.  
 Huntingdon ..... Boet, J.  
 Iberville ..... Berthard, M.  
 Jacques Cartier ..... Gauthier, G.  
 Joliette ..... Godin, F. B.  
 Kamouraska ..... No Membre.\*  
 Laprairie ..... Pin-somneault, A.  
 L'Assomption ..... Archambault, L.  
 Laval ..... Bellore, J. H.  
 Lewis ..... Blanchet, J. G.  
 Lislet ..... Pouloy, B.  
 Lotbinière ..... Joly, H. G.  
 Maskinongé ..... Caron, G.  
 Maritime ..... Irvine, G.  
 Missisquoi ..... Chamberlain, B.

Montreal ..... Dufresne, J. O.  
 Montmagny ..... Bouchon, J. O.  
 Montmorency ..... Duchon, J.  
 Montreal, E ..... Cartier, G. H.  
 Montreal, W ..... W. McKinn, T.  
 Montreal, C ..... McGee, T. D.  
 Napierville ..... Conal, S.  
 Niobe ..... Giquet, J.  
 Ottawa County ..... Wright, A.  
 Pontiac ..... Heath, E.  
 Portneuf ..... Bronsseau, J. D.  
 Quebec, E ..... Huot, P. G.  
 Quebec, C ..... Simard, G. H.  
 Quebec, W ..... McGreevy, T.  
 Quebec County ..... Cheuvain, P. J. O.  
 Rich'd. & Wolfe ..... Webb, W. H.  
 Richelieu ..... Motarthy, J.  
 Rimouski ..... Cheval, G.  
 Ronville ..... Kierskowski, M.  
 St. Hyacinthe ..... Bonnesse, T.  
 St. John's ..... Bessalieres, Dr.  
 St. Maurice ..... Ham-judon, L. B.  
 Sheford ..... tait, A. T.  
 Sherbrooke ..... Masson, L.  
 Soulanges ..... Colby, C.  
 Stanstead ..... Bertand, M. C.  
 Temiscouata ..... Masson, L. R.  
 Terrebonne ..... De Niverville, C. B.  
 Three Rivers ..... Dumst, J. B.  
 Two Mountains ..... McMillan, S.  
 Val-dreuil ..... Goffroy, F.  
 Vercheux ..... Fortier, M.  
 Yamaska .....

\* In Kamouraska a new election (which is caused by the riots on the day of nomination) will have to take place after the meeting of Parliament.

## From the Province of Nova Scotia.

Annapolis ..... Bay, W. H.  
 Antigonish ..... McDonald, H.  
 Cape Breton ..... McKenney, J.  
 Colchester ..... McLean, A. W.  
 Cumberland ..... Tupper  
 Digby ..... Sway, A. W.  
 Guysborough ..... Campbell, S.  
 Halifax ..... Jones, A. G.  
 Hants ..... Power, P.  
 Kings ..... Howe, J.

Inverness ..... Caperton, H.  
 King's ..... Chipman, W. H.  
 Lunenburg ..... McDonald, E. V.  
 Pictou ..... Carmichael, J. W.  
 Queens ..... Forbes, J.  
 Richmond ..... Cooke, W. J.  
 Shelburne ..... Coffin, T.  
 Victoria ..... Ross, W.  
 Yarmouth ..... Kullam, T.

## From the Province of New Brunswick.

Albert ..... Wallace, J.  
 Carleton ..... Connel, O.  
 Charlotte ..... Buiton, W.  
 Gloucester ..... Austin, T.  
 Kent ..... Bonapart, A.  
 King ..... Ryan, G. M.  
 Northumberland ..... Johnson, J. M.  
 Restigouche ..... McMillan, J.

St. John, City ..... Tilley, S. L.  
 St. John, Coun. ..... Gray, J. L.  
 Sable ..... Burp, O.  
 Queen's ..... Ferris, G.  
 Victoria ..... Gosselin, B.  
 Westmoreland ..... Smith, A. J.  
 York ..... Ferris, C.

Attorney General  
 Secretary and  
 Treasurer of  
 Commissioners  
 Commissioners  
 Clerk of the  
 Chancery, Sal

Adlington  
 Aloupe  
 Bothwell  
 Brant, N  
 Brant, S  
 Brockville  
 Bruce, N  
 Bruce, S  
 Carterton  
 Cornwall  
 Cardwell  
 Dundas  
 Duham, F  
 Durham, W  
 Essex  
 Elich, E  
 Fitch, W  
 Fontaine  
 G. carry  
 Grayville, S  
 Gray, N  
 Grey, S  
 Halton  
 Hamilton  
 Hastings, W  
 Hastings, F  
 Hastings, N  
 Haldimand  
 Huron, N  
 Huron, S  
 Kent  
 Kingston  
 Lanark, N  
 Lanark, S  
 Leeds, N. and  
 Grenville, N.  
 Leeds, S  
 Lincoln  
 London  
 Lambton  
 Lennox  
 Monk

Clause 85 of the  
 years, unless previ

FARMER'S ALMANAC

PROVINCE OF ONTARIO

Major-General Henry W. Stisted, C. B., Lt.-Governor of Ontario

Executive Council.

Attorney General.....	Hon. J. S. Macdonald.
Secretary and Registrar .....	" M. C. Cameron.
Treasurer of the Province.....	" E. B. Wood.
Commissioner of Crown Lands .....	" S. Richards.
Commissioner of Agriculture and Public Works .....	" J. Carline.
Clerk of the Executive Council, R. J. Dalton, Esq., Q. C.,	Clerk of the Crown in
Chancery, Salter Vankoughnet, Esq.	

Legislative Assembly of Ontario.

Addington .....	Hooper, E. J.	Middlesex, E.....	Evans, J.
Alcona .....	Cumberland, F. W.	Middlesex, N .....	Smith, J. S.
Bothwell .....	McKellar, A.	Middlesex, W .....	Currie, N.
Braut, N.....	Finlayson, H.	Northum'd, E.....	Byrre, J.
Braut, S.....	Wood, R. B.	Northum'd, W.....	Fraser, A.
Brookville .....	Fitz-Simmons, W.	Norfolk, S.....	McCall, S.
Bruce, N.....	Shuchat, D.	Norfolk, N.....	Wilson, J.
Bauer, S.....	Bake, E.	Niagara .....	Robertson, D.
Carleton .....	Lyon, R.	Ontario, N.....	Paxton, T.
Cornwall .....	Macdonald, J. S.	Ontario, S.....	McGill, Dr.
Cardwell .....	Swinnerton, T.	Oxford, N.....	Perry, G.
Dundas .....	Cook, J.	Oxford, S.....	Olivey, A.
Durham, E.....	Williams, A. T. H.	Ottawa .....	Scott, R. W.
Durham, W.....	McLeod, J.	Prescott .....	Royd, J.
Essex .....	Wiele, S.	Prince Edward.....	Greely, A.
Elgin, E.....	Luton, D.	Porth, N.....	Monteith, A.
Elgin, W.....	McCull, N. Col.	Perth, S.....	Trow, J.
Frontenac .....	Smith, H. Sir.	Peel .....	Covne, J.
Georgian .....	Craig, J.	Peterboro', E.....	Rid. G.
Grey, S.....	Clark, M.	Peterboro', W.....	Carnegie, J.
Grey, N.....	Scott, T.	Russel .....	Craik, W.
Grey, S.....	Linder, A. W.	Renfrew, S.....	McDonnell, J. L.
Halton .....	Barber, W.	Renfrew, N.....	Supples, J.
Hamilton .....	Williams, J. M.	Stormont .....	Cottingham, —
Hastings, W.....	Graham, K.	Simcoe, N.....	Louit, W.
Hastings, E.....	Corby, J.	Simcoe, S.....	Ferguson, T. R.
Hastings, N.....	Boulter, G. H.	Toronto, W.....	Wallis, J.
Haldimand .....	Baxter, Dr.	Toronto, E.....	Ameron, M. O.
Huron, N.....	Hays, Torrance, W.	Victoria, N.....	Cockburn, A. P.
Huron, S.....	Gibbons, R.	Victoria, S.....	Matchett, T.
Kent .....	Smith, J.	Wentworth, N.....	Christie, R.
Kingston .....	Strance, M. W.	Wentworth, S.....	Sexton, W.
Laurel, N.....	Guthrie, D.	Wellington, N.....	McKin, J.
Leamington .....	Shaw, M. W.	Wellington, O.....	Ferrier, A. D.
Leeds, N. and .....	Smith, H. D.	Wellington, S.....	Gow, P.
Leeds, S.....	Tett, B.	Welland .....	Bratty, W.
Lincoln .....	Rykert, J. O.	Waterloo, N.....	Springer, M.
London .....	Arthur, J.	Waterloo, S.....	Cloncus, J.
Lambton .....	Pardee, J. R.	York, E.....	Crosby, H. P.
Lennox .....	Stevenson, J.	York, W.....	Graham, T.
Monk .....	Secord, G.	York, N.....	McMurrich, J.

Clause 83 of the Union Act enacts that each Assembly shall continue for four years, unless previously dissolved by the Lt.-Governor of the Province.

## Province of Quebec.

Sir Narcisse F. Belleau, Kt., Lieut. Governor of the Province of Quebec.

The Executive Council of Quebec consists of an Attorney General, Secretary and Registrar, Treasurer of the Province, the Commissioner of Crown Lands, the Commissioner of Public Works, Solicitor General, and the Speaker of the Legislative Council.

## Legislative Council of Quebec.

To be composed of Twenty-four members, to be appointed by the Lieut. Governor in the Queen's Name, one being appointed to represent each of the twenty-four electoral divisions of Lower Canada, specified in Schedule A, Chap I. of the Consolidated Statutes of Canada. The power of appointing a Speaker of the Legislative Council is also vested in the Lieut. Governor, said Speaker being also a Member of the Executive Council.

## Legislative Assembly of Quebec

Shall be composed of Sixty-Five Members to be elected to represent the sixty-five electoral divisions of this Province.

## Nova Scotia.

Major General O. Hastings Doyle, Lieut. Governor.

The Constitution of the Legislature of this Province remains unaltered, it consists of an Executive Council of 9 members, a Legislative Council of 21 members, nominated by the Crown, and a House of Assembly of 55 members elected every 4 years, by the inhabitants of the 18 Counties and the principal towns.

## New Brunswick.

Colonel Hardinge, C. B., Lieut. Governor.

The Constitution of the Legislature of this Province remains unaltered and the House of Assembly shall, unless sooner dissolved, continue for the period for which it was elected.

*Note.*—In the offices of Lieutenant-Governor of the Maritime Provinces a change will likely take place shortly.

The exclusive Legislative authority of the Parliament of Canada extends to all matters coming within the classes of subjects hereinafter mentioned.

1. Public Debt and Property.
2. Regulation of Trade and Commerce.
3. The raising of Money by any mode of Taxation.
4. The Borrowing of Money on the Public Credit.
5. Postal Service.
6. Census and Statistics.
7. Militia, Military and Naval Service and Defence.
8. The Fixing of, and providing for the salaries and allowances of Civil and other officers of the Government of Canada.
9. Beacons, Buoys, and Light-houses.
10. Navigation.
11. Quarantine and the establishment and maintenance of Marine Hospitals.
12. Sea, Coast and Inland Fisheries.
13. Ferries between a Province and any British or Foreign country or between two Provinces.
14. Currency and Coinage.
15. Banking and Incorporation of Banks and issue of Paper Money.
16. Saving Banks.

17. Weigh
  18. Bills of
  19. Interest
  20. Legal T
  21. Bankrup
  22. Patents
  23. Copyrig
  24. Indians
  25. Naturali
  26. Marriag
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8. Municip
9. Shop, S
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10. Local W
11. The inco
12. The sole
13. Property
14. The adm
- tion
- Civil
15. The imp
16. Generall

## Pro

1. Canals w
2. Public H
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17. Weights and Measures.
18. Bills of Exchange and Promissory Notes.
19. Interest.
20. Legal Tender.
21. Bankruptcy and Insolvency.
22. Patents of Invention and Discovery.
23. Copyright.
24. Indians and Lands reserved for Indians.
25. Naturalization of Aliens.
26. Marriage and Divorce.
27. The Criminal Law.
28. The Establishment and Maintenance of Penitentiaries.
29. Such classes of subjects as are not assigned exclusively to the Legislature of the Provinces.

In each Province the Legislature may exclusively make laws in relation to matters coming within the Classes next enumerated.

1. The amendment from time to time notwithstanding any thing in this act, of the Constitution of the Province, except as regards the office of Lieut. Governor.
2. Direct Taxation within the Province in order to raise a revenue for provincial purposes.
3. The Borrowing of Money on the sole credit of the Province.
4. The establishment and tenure of Provincial offices and the appointment and payment of Provincial officers.
5. The management and sale of Public Lands belonging to the Province, and the timber and wood thereon.
6. The establishment and management of public and Reformatory prisons in and for the Province.
7. The establishment, maintenance, and management of Hospitals, Asylums, and Charities in and for the Province, other than marine hospitals.
8. Municipal Institutions in the Province.
9. Shop, Saloon, Tavern, Auctioneer, and other licences, in order to the raising of a revenue, for provincial, local or municipal purposes.
10. Local Works and other undertakings.
11. The incorporation of companies with provincial objects.
12. The solemnization of marriage within the Province.
13. Property and civil rights within the Province.
14. The administration of Justice in the Province, including the Constitution, maintenance, and organization of Provincial Courts, both of Civil and Criminal jurisdiction.
15. The imposition of punishment by fine, penalty, or imprisonment.
16. Generally all matters of a merely local or private nature in the Province.

*Provincial Public Works to be the property of Canada.*

1. Canals with lands and water-power connected therewith.
2. Public Harbors.
3. Lighthouses, Piers, and Sable island.
4. Steamboats, dredges, and public vessels.
5. River and Lake improvements.
6. Railway and Railway Stocks, mortgages, and other debts due by Railway companies.
7. Military Roads.
8. Custom Houses, Post Offices, and all other public buildings except such as the Government of Canada appropriate for the use of the Provincial Legislature.

- 9. Property transferred by the Imperial Government, and known as Ordnance property.
- 10. Armories, Drill Sheds, Military Clothing and Munitions of War, and land set apart for general public purposes.

**POST OFFICE DEPARTMENT.**

Hon. Alexander Campbell, postmaster general; W. H. Griffin, deputy postmaster general; H. A. Wickstead, accountant; Wm. White, secretary; P. LeSuer, Superintendent of Money Order branch; J. Ashworth, cashier.

**RATES OF POSTAGE ON LETTERS.**

From one place to another in Canada, 5 cents per half oz., if prepaid; 7 cents if unpaid, and on *prepaid or unpaid* letters between any place in Canada and Nova Scotia, New Brunswick, Prince Edward Island and Cape Breton, 5 cents per half oz.

To Newfoundland,	12½ cents per half oz. ; must be prepaid.
British Columbia,	10 " " " " " "
Red River,	10 " " " " " "
United States,	10 " " " " " " prepayment optional.

The single rate of postage on letters to the United Kingdom, is by Canadian Steamer, 12½ cents per half oz. By Cunard Steamer, 17 cents per half oz. The postage on all letters posted in Canada for the United Kingdom, should be *prepaid*, if sent unpaid, 6½ sterling will be charged on each letter on delivery, in addition to the ordinary postage rate.

**Newspapers and Periodicals.**

Newspapers published in Canada may be sent by Post from the office of publication addressed to any place in Canada at the following rates, if paid quarterly in advance, by either the publisher at the post office where the papers are posted, or by the subscriber at the delivery post office:

For a paper published 6 times a week,	40 cents per quarter.
" " " " 8 " " "	20 " " "
" " " " 2 " " "	15 " " "
For a paper published once a week,	6½ " " "
" " " " semi-monthly,	3½ " " "
" " " " monthly,	1½ " " "

When the above rates are not paid in advance by either the publisher or subscriber, the papers are charged 1 cent each on delivery.

**Postage Stamps.**

Postage stamps of the respective values of 1 cent, 2 cents, 5 cents, 10 cents, 12½ cents, and 17 cents, are provided for sale to the public.

**Registration.**

By the prepayment of the following fee, in addition to the ordinary postage, letters and parcels can be registered at the office at which posted:

On letters addressed to any place in Canada or the other British American Provinces.....	2 cents.
On letters addressed to any place in the United States.....	5 " "
" " " " United Kingdom.....	8 " "
On parcels, packets of patterns, or samples, to any part of Canada.....	5 " "
On book packets and newspapers to the United Kingdom.....	8 " "

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When letters are registered, for whatever destination, both the postage and the registration fee must be prepaid. The registration does not render the Post Office responsible for its safe delivery; it simply makes its transmission more secure, by rendering it practicable to trace it when passing from one place to another in Canada, and at least to the frontier or port of dispatch in the case of the United States or England.

**Money Orders.**

Money Orders, payable in the Province, may be obtained at any Money Order Office (of which a list can be seen at any Post Office), at the following rates:

Under and up to \$10 .....	5 cents.
Over \$10 and not exceeding \$20.....	10 "
" 20 " 40.....	20 "
" 40 " 60.....	30 "
" 60 " 80.....	40 "
" 80 " 100.....	50 "

No single order can be issued for more than \$100.

**Money Orders on England, Ireland and Scotland**—Money Orders payable at any Money Order Office in Great Britain and Ireland can be obtained at any Canadian Money Order office. The Orders are drawn in sterling, the commission chargeable being for £2 and under, 25 cents; from £2 to £5, 50 cents; from £5 to £7, 75 cents; from £7 to £10, \$1.00. No order can be drawn for more than £10; but any number of orders for £10 each may be procured.

The rate of commission charged on orders on Nova Scotia, New Brunswick, Newfoundland, and Prince Edward Island, over and above the currency value of the sterling is as follows:—

For orders not exceeding £5 sterling.....	25 cents.
£5. and not exceeding £10 sterling.....	50 "
£10, " " £15 ".....	75 "
£15, " " £20 ".....	1 dollar.

**DUTIES ON PROMISSORY NOTES AND BILLS OF EXCHANGE.**

*Stamps required for Single Notes, Drafts, and Bills of Exchange.*

3 cent- for \$100.....	\$1.00
3 " " every additional \$100.....	\$1.00
3 " " every additional fraction of.....	\$1.00

*For Notes and Drafts, Bills in Duplicate.*

2 cents on each part of.....	\$1.00
2 " " for every additional.....	\$1.00
2 " " and for every additional frac- tion of.....	\$1.00

*For Notes, Drafts and Bills, in more parts than two.*

1 cent on each part for.....	\$1.00
1 " " for every additional.....	\$1.00
1 " " for every additional fraction of.....	\$1.00



By a recent alteration this Act is extended to sums under \$100 as follows:—Under \$25, 1 cent; \$25 and upwards to \$50, 2 cents; \$50 and upwards to \$100, 3 cents; interest payable at maturity to be counted as principal. The fourth clause of this Stamp Act enacts that—Any cheque upon a chartered bank or licensed banker, or on any savings' bank, if the same shall be payable on demand: any post office money order, and any municipal debenture, or coupon of such debenture, shall be free of duty under this Act.

The name of the maker, drawer, or acceptor, or his initials, or some integral part of the instrument, shall be written (as far as practicable) upon the stamp so used, to identify it with the instrument, and to show that it has not before been used.

### JUDICIARY OF ONTARIO.

**COURT OF ERROR AND APPEAL.**—*Judges*, Hon. P. M. Vankoughnet, Chancellor of Upper Canada; combined with the Judges of the Chancery, Queen's Bench, and Common Pleas Courts.

**COURT OF QUEEN'S BENCH.**—The jurisdiction of this Court extends to all manner of actions, causes, and suits, criminal and civil, real, personal, and mixed, within Ontario. *Chief Justice*, Hon. W. H. Draper, C.B. *Puisne Judges*, Hon. John Hawkins Hagarty, D.C.L., and Hon. J. C. Morrison.

**COURT OF CHANCERY.**—This Court has the like jurisdiction as the Court of Chancery in England, in cases of fraud, accident, trusts, executors, administrators, co-partnerships, accounts, mortgages, dowers, infants, idiots, lunatics, and their estates, waste, specific performances, discovery, and to prevent multiplicity of suits, staying proceedings at law prosecuted against equity and good conscience, and may decree the issue, repeal, or avoidance of letters patent, and generally the like powers which the Court of Chancery in England possesses, to administer justice in all cases in which there is no adequate remedy at law. *Chancellor*, Hon. P. M. Vankoughnet, D.C.L. *Vice-Chancellors*, Hon. Oliver Mowat, and Hon. John Godfrey Spragge. *Master*, Andrew Norton Buell.

**COURT OF COMMON PLEAS.**—This Court has the same powers and jurisdiction as a Court of Record, as the Court of Queen's Bench. *Chief Justice*, Hon. W. B. Richards. *Puisne Judges*, Hons. A. Wilson, and J. Wilson.

**HEIR AND DEVISEE COURT.**—*Commissioners*, the Judges of the Superior Courts, and such other person as may be appointed by commission under the Great Seal. These duties are to determine claims to lands in Upper Canada, for which no patent has issued from the Crown in favor of the proper claimants, whether as heirs, devisees or assignees. Sittings at Toronto, first Monday in January and July in each year. *Clerk of Commissioners*, W. B. Heward.

**COUNTY COURTS.**—Presided over by a resident Judge in each County. Their jurisdiction extends to all personal actions where the debt or damages claimed do not exceed £50; and to all suits relating to debt, covenant or contract, where the amount is ascertained by the acts of the parties or signature of the defendant, to £100. The appeal lies to either of the Superior Courts of Law. These Courts also possess equity powers, to the amount of £50, subject to an appeal to the Court of Chancery.

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**SURROGATE COURTS.**—The jurisdiction of these Courts relates to all testamentary matters and causes, and to the granting or revoking of probate of wills, and letters of administration of the effects of deceased persons having estate or effects in Upper Canada. The County Judges are also judges of the Surrogate Courts. Sir J. L. Robinson, Surrogate Clerk, Toronto.

**DIVISION COURTS.**—For the summary disposal of cases by a Judge; but a jury of five persons may be demanded in certain cases. Their jurisdiction extends to actions of debt or contracts amounting to £25; injuries or torts to personal chattels amounting to £10. Courts are held once in two months in each division, or oftener, at the discretion of the Judge.

**RECORDER'S COURT.**—In the cities of Toronto, Hamilton, London, Kingston and Ottawa, the Recorder's Court takes the place of the County Sessions, the Justices for Counties having no jurisdiction in the Cities—the care of which is confined to the Recorder, Mayor, Aldermen, and Police Magistrate of each. Sessions held 2nd Monday in January, 1st Monday in April and July, and 3rd Monday in November. *Recorders*, George Duggan, Toronto; James O'Reilly, Kingston; John E. Start, Hamilton; Wm. Horton, London; J. B. Lewis, Ottawa.

**INSOLVENT DEBTOR'S COURT.**—The County Judge in each County presides.

TERMS OF THE COURTS.

**APPEAL TERMS.**—Commence on the second Thursday next after Hilary, Easter, and Michaelmas Terms.

**LAW TERMS.**—Hilary begins first Monday in February, and ends Saturday of the ensuing week; Easter begins 3rd Monday in May, and ends Saturday of the ensuing week. Michaelmas begins 3rd Monday in November, and ends Saturday of the ensuing week. Long vacation from 1st July to 21st August.

**CHANCERY TERMS.**—From 4th Monday in April until Saturday of following week; and from 3rd Monday in November till Saturday of following week—and every Tuesday except during vacations.

**COUNTY COURT TERMS.**—Commence on the 1st Monday in January, April, July, and October, and end the following Saturday.

CIRCUITS OF THE COURTS.

**LAW CIRCUITS.**—The Circuits are held twice a year in each county, between Hilary and Easter Terms, and between the 21st of August and Michaelmas Terms, except in the County of York, where there are three in each year, commencing on Thursday next after municipal elections in January, the second Monday in April, and the second Monday in October in each year.

LEGAL HOLIDAYS.

Sunday; New Year's Day; Epiphany; Annunciation; Good Friday; Ascension; Corpus Christi; St. Peter; St. Paul; All Saints; Christmas Day, and any day appointed by proclamation for a general fast or thanksgiving.

EDUCATIONAL.

UNIVERSITY COLLEGE, TORONTO.—Dr. McCaul, President, with a staff of nine Professors in Arts, a Lecturer in Oriental Languages, and a Classical Tutor.

UNIVERSITY OF QUEEN'S COLLEGE, KINGSTON.—Rev. W. Snodgrass, Principal, with fourteen Professors in Arts, Divinity, and Medicine.

VICTORIA COLLEGE, COBOURG.—Dr. Nelles, President, assisted by a full staff of Professors in Arts, Medicine, and Law.

TRINITY COLLEGE, TORONTO.—Provost, Rev. Mr. Whittaker, M.A. Seven Professors of Divinity, Arts, and Music, are attached to this College.

UPPER CANADA COLLEGE, TORONTO.—G. R. R. Cockburn, M.A. Principal, with a staff of teachers in Classics, English, and Modern Languages.

JUDGES, SHERIFFS, AND COUNTY ATTORNEYS, U. C.

COUNTY.	JUDGE.	SHERIFF.	COUNTY ATT'Y.
Algoma District	J. Prince	R. Carney	J. M. Hamilton.
Bronte	N. J. Jones	J. Smith	G. Van Norman.
Carleton	C. Armstrong	S. Fraser	R. Lees.
Elgin	D. L. Hughes	C. Munro	J. Stanton.
Essex	G. W. Leggat	J. McEwan	S. Macdonell.
Frontenac	W. G. Draper	W. Ferguson	R. M. Wilkison.
Gray	H. Macpherson	J. Maughan	J. Crenor.
Haldimand	J. G. Stephenson	R. Martin	J. R. Martin.
Halton	J. Davis	G. C. McKinsey	G. T. Bastedo.
Hastings	G. Sherwood	G. Taylor	C. L. Coleman.
Huron and Bruce	R. Cooper	J. McDonald	Ira Lewis.
Kent	Wm. Wells	J. Mercer	A. D. Melgan.
Lambton	C. Robinson	J. Flintoft	T. B. Pardee.
Lanark	J. G. Malloch	J. Thompson	D. Fraser.
Leeds and Grenville	G. Malloch	C. Dickenson	E. Senkler.
Lennox & Addington	J. J. Burrows	O. T. Prayn	W. Wilkison.
Lincoln	J. M. Lawder	J. A. Woodruff	R. M. McDonald.
Middlesex	J. E. Small	Win. Glass	C. Hutchinson.
Norfolk	Wm. Salmon	E. Deedes	W. M. Wilson.
Northum'd & Durh'm	G. M. Beswell	R. N. Waddell	J. D. Armour.
Ontario	Z. Burnham	N. S. Reynolds	S. H. Cochrane.
Oxford	D. S. McQueen	A. Ross	F. Ball.
Perth	D. H. Lizars	R. Morderwell	M. Hayes.
Peterborough	R. M. Butcher	J. Hall	C. A. W. Her.
Prescott and Russell	J. Daniel	C. P. Treadwell	E. T. Dartuall.
Prince Edward	D. Fairfield	H. J. Thorp	P. Low.
Simeoe	J. R. Gowan	Wm B. Smith	J. H. Cotter.
Renfrew	J. Deacon	J. Morris	Wm. Duck.
Stormont, Dundas, and Glengary	G. S. Jarvis	D. E. McIntyre	J. F. Pringle.
Victoria	J. Smith	N. McDougall	A. Lacourse.
Waterloo	Wm. Miller	G. Davidson	T. Miller.
Wellington	A. Macdonald	G. Grange	H. W. Paterson.
Wentworth	A. Logie	E. C. Thomas	S. B. Freeman.
Welland	H. W. Price	R. Hobson	L. D. Raymond.
York	J. Boyd, deputy.	F. W. Jarvis	John McNab.

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Clause 96. of the union act, provides—that the Governor General shall appoint the judges of the Superior, District, and County Courts in each province, except those of the Courts of Appeal in Nova Scotia and New Brunswick. The act also defines that the Judges of the different courts shall be selected from the Bars of their respective provinces, that they shall hold office during good behaviour, and that their salaries shall be fixed and provided by the Parliament of Canada.

Power is, also, given to the Parliament to constitute and maintain a general court of appeal for the Dominion of Canada.

**MEDICAL BOARD FOR UPPER CANADA.**—Constituted by act of Parliament for the Registration of properly qualified Medical Practitioners, the determining of a complete course of study, and the examination of candidates for license. President, Dr. Dickson; Registrar and Secretary, Dr. Strange, Hamilton. Examiner, Dr. Walker, Port Dover.

Dr. Morton, York and Peel.

“ Turquand, Gore and Thames.

“ Patullo, Home and Burlington.

“ Dewar, Newcastle and Trent.

“ Wm. McPherson, Erie & Niagara.

“ J. A. Grant, Bathurst & Rideau.

“ Richardson, University of Toronto

“ Dickson, Quinte and Cataraqui.

“ Brouse St. Lawrence & Eastern.

“ Sullivan, Regiopolis College.

Dr. Wm. McGill, King's and Queen's

“ Clarke, Brock and Saugueen.

“ Berryman, Victoria College.

“ Fulton, Malahide and Tecumseh.

“ Askam, Western and St. Clair.

“ Aikins, Toronto School of Medi-

cine.

“ Yates, Queen's College, Kingston

“ Laval, Coll. of P. and Surgeons.

“ Beaubien, Ottawa College.

**LUNATIC ASYLUM, TORONTO.**—A provincial institution, supported by an annual grant from the Province, and a small tax of one half cent in the dollar on the ratable property of each municipality; commenced in 1841 by Dr. Rees; present building erected 1845, at present being greatly enlarged under the superintendence of inspectors appointed by government Medical Officer, John Workman, M.D. Branches of this institution exist at Fort Malden, Co. of Essex, Orillia for Chronic patients, and one for convalescents in the University Park, Toronto.

**THE TORONTO SCHOOL OF MEDICINE.**—In connection with the University of Toronto. Session extends from beginning of October to end of following March. President W. T. Aikins, M.D. A full course of instruction is provided by twelve lecturers in Surgery, Medicine, Chemistry and Botany. Degrees obtained by students of this school from the University are recognized by the Medical Institutions of England.

**MEDICAL DEPARTMENT OF THE UNIVERSITY OF VICTORIA COLLEGE.**—Hon. John Rolph, Dean. Lectures begin in October and continue for six months. Examinations are held twice during the session. A course of study at this institution qualifies for examination before the principal Medical boards in England. A staff of nine Lecturers, independent of the dean, carry on the work of this college.

**MEDICAL FACULTY OF QUEEN'S COLLEGE, KINGSTON.**—H. Yates, M.D., Dean, in conjunction with nine Lecturers on Medicine, Chemistry and Anatomy. Session extends from the first Wednesday of October to the last Thursday of March.

## BANKS IN CANADA.

*Their Capital, Branches and Agencies in British North America.*

**BANK OF BRITISH NORTH AMERICA.**—Capital, £1,000,000 stg.—Montreal

*Branches.*—Brantford, Halifax, N. S.; Hamilton, Kingston, London, Quebec, St. John, N. B.; Toronto, Victoria, V. I.

*Agencies.*—Dundas, Ottawa.

**BANK OF MONTREAL.**—Capital, \$6,000,000.—Montreal.

*Branches.*—Belleville, Brantford, Brockville, Cobourg, Guelph, Hamilton, Kingston, London, Ottawa, Quebec, Peterboro, Toronto, Whitby.

*Agencies.*—Cornwall, Elora, Fergus, Goderich, Lindsay, Mount Forest, Perth, Picton, Simcoe, St. Catherines, St. Mary's, Stratford, Waterloo.

**BANK OF TORONTO.**—Capital \$2,000,000.—Toronto.

*Agencies.*—Barrie, Cobourg, Montreal, Peterboro, Port Hope.

**BANK OF UPPER CANADA.**

This institution became insolvent, September, 1866, and exists only to wind up its affairs.

**BANQUE JACQUES CARTIER.**—Capital \$1,000,000.—Montreal.

**BANQUE DU PEUPLE.**—Capital \$2,000,000.—Montreal.

**BANQUE NATIONALE.**—Capital \$1,000,000.—Quebec.

**CITY BANK.**—Capital \$1,200,000.—Montreal.

*Branches.*—Toronto, Quebec, Sherbrooke.

**COMMERCIAL BANK OF CANADA.**—Capital \$4,000,000.—Kingston.

*Branches.*—Belleville, Brockville, Galt, Hamilton, London, Montreal, Peterborough, Toronto.

*Agencies.*—Berlin, Chatham, Ingersoll, Owen Sound, Perth, Prescott, Southampton, Stratford, St. Thomas, Windsor, Napanee.

**EASTERN TOWNSHIPS BANK.**—Capital \$4,000,000.—Sherbrooke, Stanbridge, Stanstead.

**GORE BANK.**—Capital \$1,000,000.—Hamilton.

*Branches and Agencies.*—Galt, Guelph, Hamilton, London, Paris, Simcoe Woodstock.

**MOLSON'S BANK.**—Capital \$1,000,000.—Montreal.

*Branch.*—Toronto.

**ONTARIO BANK.**—Capital \$2,000,000.—Bowmanville.

*Branches.*—Dundas, Guelph, Hamilton, Lindsay, Oshawa, Prescott, Toronto, Alexandria.

**QUEBEC BANK.**—Capital \$3,000,000.—Quebec.

*Branches and Agencies.*—Nicolet, Ottawa, Three Rivers, Toronto, Gaspé

**ROYAL CANADIAN BANK.**—Capital \$2,000,000.—Toronto, Bowmanville, Brampton, Cobourg, Goderich, Hamilton, Kingston, Montreal, Ottawa, Perth, Peterborough, Port Hope, Stratford, Whitby, Woodstock.

**BANK OF COMMERCE.**—Toronto, London.

**MERCHANTS' BANK.**—Montreal, Capital \$2,000,000.

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**NATURAL BAROMETERS.**—Chick weed is an excellent Barometer. When the flower expands fully we are not to expect rain for several hours; should it continue in that state no rain will disturb the sky. When it half conceals its miniature flower, the day is generally showery; but if it entirely shut up or veils the white flower, with its green mantle, let the traveller put on his greatcoat.

**POPULAR SCIENCE.**—Of the sixty-two primary elements known in nature, only eighteen are found in the human body, and of these, seven are metallic. Iron is found in the blood, phosphorus in the brain, limestone in the bile, lime in the bones, dust and ashes in all. These human elements have their essential basis in four substances, represented in the familiar names of fire, water, saltpetre, and charcoal. And such is man, a spark of fire, a drop of water, a grain of gunpowder, an atom of charcoal.

**HEATING VALUES OF DIFFERENT WOODS.**—Shell bark hickory being taken as the standard, 100; pignut hickory, 95; white hazel, 72; apple tree, 70; red oak, 69; black walnut, 66; white beech, 65; black birch, 62; yellow oak, 60; hard maple, 59; white elm, 58; red cedar, 50; wild cherry, 55; yellow poplar, 52; butternut, 52; white birch, 49; white pine, 42.

**BARKING OF DOGS.**—This is an acquired hereditary instinct, supposed to have originated in an attempt to imitate the human voice, wild dogs, and domestic breeds which have become wild, never bark only howl. Cats in their wild state in S. America are quite silent.

**WHY BEES WORK IN THE DARK.**—It seems that honey exposed to the action of light rapidly crystallises, or candies, while that kept in the dark remains liquid, we can now see why bees are so careful to obscure the glass windows which are some times placed in their hives. The existence of their young depends upon the liquidity of their food, under the action of light it would acquire a more or less solid consistency, it would seal up the cells and prove fatal to the inmates.

**GREEN CHEESE.**—The grand error in our cheese making, is the want of care in not ripening the cheese before it is sent to market. The curd is a green apple, the cheese is the ripened fruit. If you were going to send hay to market you would not send the green grass from the field, and yet you often sell your cheese when it is as green as grass. In the Cheshire dairies of England, none is ever sold under six months old. The cheese are kept in a moderately warm room until thoroughly ripened and cured.

**LAND MEASURE.**—Every farmer should have a rod measure, a light stiff pole just 16½ feet long, for measuring land. Ascertain the number of rods in length and width of a lot which you wish to measure, and multiply, divide by 160 and you have the number of acres.

**ALPHABETS.**—The number of letters in the alphabets of different languages is as follows:—English, 26; French, 25; German, 26; Spanish, 24; Dutch, 26; Greek, 24; Latin, 25; Slavonic, 27; Arabic, 28; Persian, 31; Turkish, 33; Georgian, 36; Hebrew, Chaldee, and Syriac, each, 22; Coptic, 32; Sanscrit, 50; Bengala, 21; Burmese, 19.

**DRIVING A BUSINESS.**—Drive your business, but never permit your business to drive you, to drive one's business is a proposition easily understood, but how to prevent its becoming the driver is a more difficult problem. How often do we see merchants bowed down with premature old age, resting under the pressure of heavy business cares, these men are permitting their business to be the driver, very few of them really enjoy one moment of their lives, while more than four-fifths of them die poor. On



the other hand, were these men willing to do less, always seeing the end from the beginning, they could show at the close of life their worldly work accomplished, without taking all their time from higher and better thoughts and works, a fair balance in money made, and blessed with satisfaction and comfort.

**BE-T TIME TO CUT TIMBER.**—The months of August, September, and October are the best months in the year to cut hard wood timber. If cut in these months the timber is harder, more elastic and durable than if cut in Winter months, it is also less liable to be attacked by worms and it is not so liable to crack.

**ADVICE TO YOUNG MEN OF BUSINESS.**—Do not undertake a business with which you are not perfectly acquainted. Never attempt a business for which you have no taste or tact. Never connect yourself with those in whom you have not perfect confidence. Never attempt to do more business than you can safely do on your capital. Avoid taking the extraordinary risks of long credit. Give no credit to any one of a bad moral character. Supervise, carefully your own business, *not your neighbours*. Have an eye on the condition of the country, its crops, and the general prospects for business. Keep good company. Value integrity more than money. Live within your means. Eschew wine, theatres and horses. Use no profane language. Never quarrel with a partner. Be kind, considerate and generous to clerks and also to your unfortunate debtors. Cultivate the friendship of all. Do your proper share in promoting the public weal. Be a man, a gentleman, and a christian; and you will make sure of an inheritance in this life and of untold riches in the life which is to come.

**Mess Pork.**—The following standard rules, known as "Getty's Directions," are those given for putting up prime mess pork, to meet the requirements of the English market. **Quality and weight of Pigs.**—The pigs to weigh about 160 or 170 pounds each, and to be in good condition, strictly corn-fed or hard pork. The head is to be excluded, also the fore leg up to the breast or brisket, the hind leg, including the hock or gambrel joint, and the rump, if the hams are not cut up along with the sides.

**What constitutes a barrel of Prime Mess.**—A barrel of prime mess pork consists of fifty pieces of four pounds each. If the hams are cut up and put in, there shall not be less than twenty-three side pieces; if without hams, not less than thirty side pieces. **How to cut and cure.**—After the pig has been split through the back, cut each side lengthways into two strips; pack the strips into large casks or vats, and fill up with brine, having saltpetre added at the rate of one ounce to three gallons of brine; leaving the strips in the brine for eight or ten days to extract the blood, and for the lean meat to take a pink color. When ready to be packed into barrels, have each strip carefully cleaned, using a knife and brush if necessary. Cut them into four pound pieces as nearly as possible; select the pieces as indicated, and pack neatly and compactly in layers, with sufficient salt to preserve it. **Barrels.**—The barrel should be twenty-eight inches long, and seventeen and a half over the end, (when finished), made of seasoned white oak, free from sap, full bound with hickory or white oak hoops, and one iron hoop, one inch wide, on each end next below the chine hoop.

**Theory of Messing.**—Pigs averaging say 150 pounds will work up in messing about as follows:—When the side, including the ham, is cut up there will be twenty-four pieces of side meat, eight pieces of ham and saddle, and eighteen or nineteen of shoulder or neck to the barrel. In no case should there be more than six pieces of the leg part of the shoulder put into a barrel.

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## City of Hamilton,

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 THOS. BEASLEY, City Clerk.  
 ALFRED H. HILLS, assistant City Clerk.  
 R. W. KERR, Chamberlain.  
 A. STUART, Collector.  
 WM. HASKINS, Manager of Water Works and City Engineer.  
 JOHN MOORE, License Inspector.  
 JAMES McCracken, High Bailiff.

### POLICE.

- JAMES OAHILL, Stipendiary Magistrate.  
 W. H. NICOLLS, Chief of Police.  
 H. F. AHRENS & R. GRAHAM, Sergeants.

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*Hamilton to Ancaster.*—Stages leave American Hotel at 3.30 p.m.  
*Hamilton to Caledonia.*—Stages leave American Hotel, King Street, at 10 a.m. and 4 p.m.  
*Hamilton to Waterdown, Carlisle Kilbride and Cumminsville.*—Stages leave American Hotel, King Street, at 2.30 p.m.

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**EASTER TERM.**—Begins third Monday in May, and ends on the Saturday of the second week thereafter.

**MICHAELMAS TERM.**—Begins third Monday in November, and ends on Saturday of the second week thereafter.

**COUNTY COURT & QUARTER SESSIONS.**—A. Logie, Judge; S. H. Ghent, Clerk. Sittings, second Tuesday in March, June, September and December.

**RECORDER'S COURT.**—Presided over by J. E. Start, Recorder of the City. Sessions are held on the first Monday in March, June, and September, and the third Monday in December.

**SITTINGS OF DIVISION COURTS, County of Wentworth, FOR THE YEAR 1868.**

No. of Court.	Where held.	Name of Clerk.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
			First	Hamilton	Wm. Griffin	14	26		8	26		8	26	
Second	Dundas	A. F. Bague	15	27		9	27		9	27		13		1
Third	Waterdown	J. McMonies, jr.	3	29		30		26		29			3	
Fourth	Roxton	W. McDonald	4		8		1	27		31		4		
Fifth	Stoney Creek	J. J. Bradley	8		4		2	29				1		
Sixth	Ancaster	L. A. Gurnett	9		5		5		1			6		
Seventh	Glanford	J. Atkinson	13		7		6		3			4		
Eighth	Hall's Corners	H. Hall	13		7		6		3			4		

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- W. H. KILSON, Collector.
- WM. BEATTY, Surveyor.
- CHAS. R. M. SEWELL, Chief Clerk.
- JOHN L. SMITH, Clerk.
- FRANCIS SHEPARD, do.
- JOHN BURSE, do.
- H. W. WOODWARD, do.
- GEO. B. SPENCER, Appraiser.
- WM. AGNEW, Searcher and Packer.
- JOS. WEATHERALL, Chief Land Waiter.
- THOMAS CLARKE, Landing Waiter.
- W. G. MUNDY, do.
- HERBERT DIXON, do.

Quarterly Meet  
February, May, A

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F N Drew  
T F Ross  
R C Coop

R C Coop  
F N Drew

J Stevenso  
C E Pierce

Rev. J G  
Rev. J H

St. A

PRESIDENT  
1st VICE-  
2nd VICE-  
SECRETAR  
TREASURER  
CHAPLAIN  
PHYSICIAN  
CHARITAB  
James

**St. George's Benevolent Society.**

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**2nd VICE-PRESIDENT.**—R C Cooper, Esq.

**SECRETARY & TREASURER:**

W. Storrer.

**BOARD OF MANAGEMENT:**

F N Drew, M Howles, A Green,  
T F Ross, C E Pierce, J Peacock,  
R C Cooper, J Stevenson, J Davies.

**CHARITABLE COMMITTEE:**

R C Cooper, Chairman, J Peacock, S F Ross,  
F N Drew, J Davies.

**STEWARDS:**

J Stevenson, A Green, J Peacock,  
C E Pierce, S F Ross, J Davies.

**AUDITORS:**

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**CHAPLAINS:**

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Rev. J Hebden, Rev. Dr. Neville.

**PHYSICIANS:**

Dr. Ridley and Dr. Billings.

**St. Andrew's Benevolent Society.**

**PRESIDENT.**—James Watson, Esq.

**1st VICE-PRESIDENT.**—Robert Service, Esq.

**2nd VICE-PRESIDENT.**—A Sutherland, Esq.

**SECRETARY.**—Archd. McKeand.

**TREASURER.**—Robert Osborne.

**CHAPLAINS.**—Revds. D Inglis and A B Simpson.

**PHYSICIANS.**—Drs. McDonald and McIntosh.

**CHARITABLE COMMITTEE.**—P Fraser, Convener; J Campbell,  
James Harvey, J A Bruce.

Quarterly Meetings held at the Royal Hotel, on second Thursdays of  
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### Masonic Register for 1868.

Record containing all the Regular Meetings of the various Masonic Bodies, to be held at the Masonic Hall, corner of John & Main Streets.

Friday,	January	3.—	Godfrey De Bouillon Encampment.
Monday,	"	6.—	The Hiram Chapter, No. 2.
Wednesday,	"	8.—	Barton Lodge, No. 6.
Thursday,	"	9.—	St. John's Chapter, No. 6.
Thursday,	"	16.—	St. John's Lodge, No. 40.
Tuesday,	"	21.—	Strict Observance Lodge, No. 27.
Friday,	"	24.—	Acacia Lodge, No. 61.
Monday,	February	3.—	The Hiram Chapter, No. 2.
Friday,	"	7.—	Godfrey De Bouillon Encampment.
Wednesday,	"	12.—	Barton Lodge, No. 6.
Thursday,	"	13.—	St. John's Chapter, No. 6.
Tuesday,	"	18.—	Strict Observance Lodge, No. 27.
Thursday,	"	20.—	St. John's Lodge, No. 40.
Friday,	"	28.—	Acacia Lodge, No. 61.
Monday,	March	2.—	The Hiram Lodge, No. 2.
Friday,	"	6.—	Godfrey De Bouillon Encampment.
Wednesday,	"	11.—	Barton Lodge, No. 6.
Thursday,	"	12.—	St. John's Chapter, No. 6.
Tuesday,	"	17.—	Strict Observance Lodge, No. 27.
Thursday,	"	19.—	St. John's Lodge, No. 40.
Friday,	"	27.—	Acacia Lodge, No. 61.
Friday,	April	3.—	Godfrey De Bouillon, Encampment.
Monday,	"	6.—	The Hiram Chapter, No. 2.
Wednesday,	"	8.—	Barton Lodge, No. 6.
Thursday,	"	9.—	St. John's Chapter, No. 6.
Thursday,	"	16.—	St. John's Lodge, No. 40.
Tuesday,	"	21.—	Strict Observance Lodge, No. 27.
Friday,	"	24.—	Acacia Lodge, No. 61.
Friday,	May	1.—	Godfrey De Bouillon Encampment.
Monday,	"	4.—	The Hiram Chapter, No. 2.
Wednesday,	"	13.—	Barton Lodge, No. 6.
Thursday,	"	14.—	St. John's Chapter, No. 6.
Tuesday,	"	19.—	Strict Observance Lodge, No. 27.
Thursday,	"	21.—	St. John's Lodge, No. 40.
Friday,	"	22.—	Acacia Lodge, No. 61.
Monday,	June	1.—	The Hiram Chapter, No. 2.
Friday,	"	5.—	Godfrey De Bouillon Encampment.
Wednesday,	"	10.—	Barton Lodge, No. 6.
Thursday,	"	11.—	St. John's Chapter, No. 6.
Tuesday,	"	16.—	Strict Observance Lodge, No. 27.
Thursday,	"	18.—	St. John's Lodge, No. 40.
Wednesday,	"	24.—	Festival St. John the Baptist, all Lodges.
Friday,	"	26.—	Acacia Lodge, No. 61.

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- Friday, July 3.—Godfrey De Bouillon Encampment.  
 Monday, " 6.—The Hiram Chapter, No. 2.  
 Wednesday, " 8.—Barton Lodge, No. 6.  
 Thursday, " 9.—St. John's Chapter, No. 6.  
 Thursday, " 16.—St. John's Lodge, No. 40.  
 Tuesday, " 21.—Strict Observance Lodge, No. 27.  
 Friday, " 24.—Acacia Lodge, No. 61.  
 Monday, August 3.—The Hiram Chapter, No. 2.  
 Friday, " 7.—Godfrey De Bouillon Encampment.  
 Wednesday, " 12.—Barton Lodge, No. 6.  
 Thursday, " 13.—St. John's Chapter, No. 6.  
 Tuesday, " 18.—Strict Observance Lodge, No. 27.  
 Thursday, " 20.—St. John's Lodge, No. 40.  
 Friday, " 28.—Acacia Lodge, No. 61.  
 Friday, Sept. 4.—Godfrey De Bouillon Encampment.  
 Monday, " 7.—The Hiram Chapter, No. 2.  
 Wednesday, " 8.—Barton Lodge, No. 6.  
 Thursday, " 10.—St. John's Chapter, No. 6.  
 Tuesday, " 15.—Strict Observance Lodge, No. 27.  
 Thursday, " 17.—St. John's Lodge, No. 40.  
 Friday, " 23.—Acacia Lodge, No. 61.  
 Monday, Oct. 5.—The Hiram Chapter, No. 2.  
 Friday, " 7.—Godfrey De Bouillon Encampment.  
 Thursday, " 8.—St. John's Chapter, No. 6.  
 Wednesday, " 14.—Barton Lodge, No. 6.  
 Thursday, " 15.—St. John's Lodge, No. 40.  
 Tuesday, " 20.—Strict Observance Lodge, No. 27.  
 Friday, " 23.—Acacia Lodge, No. 61.  
 Monday, Nov. 2.—The Hiram Chapter, No. 2.  
 Friday, " 6.—Godfrey De Bouillon Encampment.  
 Wednesday, " 11.—Barton Lodge, No. 6.  
 Thursday, " 12.—St. John's Chapter, No. 6.  
 Tuesday, " 17.—Strict Observance Lodge, No. 27.  
 Thursday, " 19.—St. John's Lodge, No. 40.  
 Friday, " 27.—Acacia Lodge, No. 61.  
 Friday, Dec. 4.—Godfrey De Bouillon Encampment.  
 Monday, " 7.—The Hiram Chapter, No. 2.  
 Wednesday, " 9.—Barton Lodge, No. 6.  
 Thursday, " 10.—St. John's Chapter, No. 6.  
 Tuesday, " 15.—Strict Observance Lodge, No. 27.  
 Thursday, " 17.—St. John's Lodge, No. 40.  
 Friday, " 25.—Acacia Lodge, No. 61.  
 Sunday, " 27.—Festival St. John the Evangelist, all Lodges

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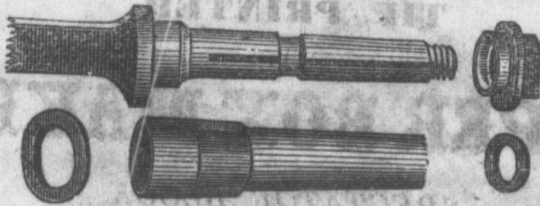
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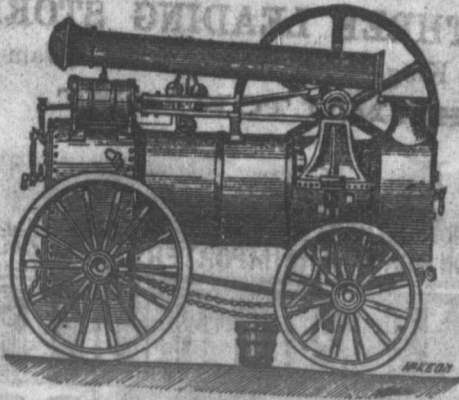
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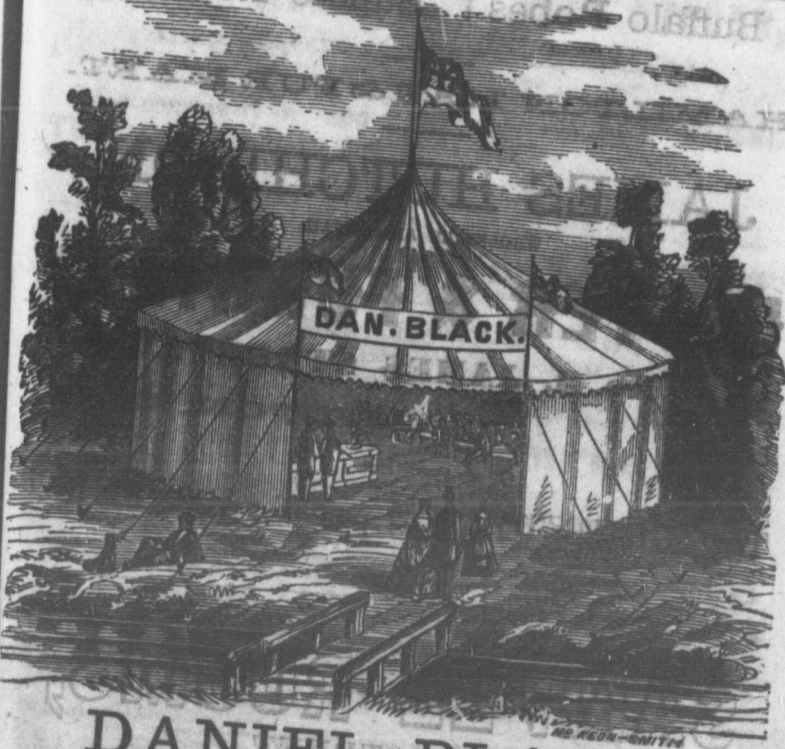
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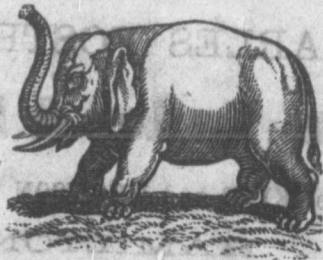
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| R. GIBBONS, Esq., <i>M. P. P., Goderich.</i> | A. T. WOOD, Esq., <i>Hamilton.</i>      |
| HENRY HALL, Esq., <i>Binbrook.</i>           |   |

The "VICTORIA" is managed on strictly MUTUAL principles; every member being responsible *only* for his proportion of such losses as may occur during the term of his policy. When a loss takes place, a rate to cover the same is declared on all Premium Notes in force *at that date*. Assessments to cover the losses of each year, are made payable in the following Autumn. By this SYSTEM every member knows when he may expect notice of payments. Every person insured in the Company becomes a *Member*—there are no *Stockholders* to whom profits must be paid—and no one is called upon to pay more than the *actual cost* of his insurance. A payment is required at time of insuring, for expenses of management and for the creation of a fund to be used in payment of small losses or other claims that may arise against the Company. As soon as the term of a Policy expires, the balance of the Premium Note becomes cancelled.

No Hazardous risks are accepted. The RATES are as low as possible, consistent with perfect security and permanent prosperity.

Economy in the management of the affairs of the Company has been carefully studied the expenses are consequently kept within moderate bounds. The greatest care and attention are given to the thorough examination of applications for insurance; and no Policy is issued until the application for it has been approved by the Board.

Just claims settled speedily and satisfactorily.

W. D. BOOKER,  
*Secretary & Treasurer.*

HAMILTON, December, 1867.

Read about Elephant, at Page 83.

First Prize Sewing Machines, Corner Hughson and King Streets.

For Sewing Machines, See Page 63.