

**SHEWAN'S
CANADIAN FARMER'S
ALMANAC,**

FOR THE YEAR OF OUR LORD

1862,



Being the Second after Bissextile or Leap Year, and until the 20th June, the Twenty-Fifth Year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 30' 26''$ North, and Longitude $73^{\circ} 24' 22''$ West, from the Royal Observatory, Greenwich, but arranged so as to serve without essential variation for all parts of Canada, East and West.

EDITION OF THIRTY THOUSAND.

Entered according to Act of Provincial Legislature, in the Year of our Lord, One Thousand Eight Hundred and Sixty, by R. & A. MILLEE, in the Office of the Registrar of the Province of Canada.

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EXPLANATION OF CALENDAR PAGES.

The Publishers of this Almanac, with a view to increase its circulation and usefulness, have adapted its calculations for the whole country. The Moon's changes are given for five different places, viz., Quebec, Montreal, Kingston, Toronto, and London. The rising and setting of the Sun are given for Montreal and Toronto. The Sun's declination North or South is given as usual. The rising and setting of the Moon are given with sufficient exactness for all practical purposes. The weather prognostications are again calculated according to the table of the celebrated Dr. Herschel, and for extraordinary accuracy Miller's Almanac retains its wonderful popularity.

CHRONOLOGICAL CYCLES.

Domical Letter,.....	E.	Julian Period,.....	6575
Golden Number,.....	1	Jewish year commencing 14th	
Jewish Lunar Cycle,.....	17	January, 1861,.....	5623
Epoch or Moon's Age,.....	—	Age of the World,.....	5865
Solar Cycle,.....	23	Mahomedan year, Oct. 15th..	1277

MOVEABLE FESTIVALS.

Septuagesima Sunday, ..	Feb. 16	Low Sunday,	April 27
Quinquagesima " ..	March 2	Rogation Sunday,.....	May 25
Ash Wednesday,.....	" 5	Ascension Day,.....	" 29
First Sunday in Lent, ...	" 9	Whitsunday,.....	June 8
Palm Sunday,.....	April 13	Trinity Sunday,.....	" 15
Good Friday,.....	" 18	Corpus Christi, Fete-Dieu, "	19
Easter Sunday,.....	" 20	Advent Sunday,.....	Nov. 30

HOLIDAYS OBSERVED AT PUBLIC OFFICES.

Circumcision,	January 1	Corpus Christi,.....	June 19
Epiphany,	" 6	St. Peter and St. Paul,....	" 29
Annunciation,.....	March 25	All Saints' Day,.....	Nov. 1
Good Friday,.....	April 18	Conception of the Blessed	
Ascension Day,.....	May 29	Virgin Mary,	Dec. 8
Queen Victoria's Birthday "	24	Christmas Day,.....	" 25

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ECL

During this year
the Moon.

I.—On the 11th
eclipse w
minutes p
begin at
the morn
minutes a

II.—On the 27th
visible on

III.—On the 21st
partial an

IV.—On the 6th
visible as
and ends
midnight
total 1 h
and 32 m

V.—On the 20th
partial, a

VI.—On the 14th
partial, a

VII.—On the 28th
partial, a

VIII.—On the 12th
partial, a

IX.—On the 26th
partial, a

X.—On the 10th
partial, a

XI.—On the 24th
partial, a

XII.—On the 8th
partial, a

XIII.—On the 22nd
partial, a

XIV.—On the 6th
partial, a

XV.—On the 20th
partial, a

XVI.—On the 4th
partial, a

XVII.—On the 18th
partial, a

XVIII.—On the 2nd
partial, a

XIX.—On the 16th
partial, a

XX.—On the 30th
partial, a

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Until Februar

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Until March 13

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18th Evening S

June 3rd, and S

and in the East

15th.

ECLIPSES DURING THE YEAR 1862.

During this year there will be five Eclipses, three of the Sun and two of the Moon.

- I.—On the 11th of June there will be a Total Eclipse of the Moon. The eclipse will begin at Montreal 48 minutes past 11, and will end 6 minutes past 3 on the morning of the 12th. At Toronto it will begin at 25 minutes past 11, and will end at 42 minutes past 2 on the morning of the 12th. The total eclipse appears 1 hour and 7 minutes after the beginning, and lasts a few minutes over an hour.
II.—On the 27th of June there will be a partial eclipse of the Sun. Not visible on this Continent.
III.—On the 21st of November there will be an eclipse of the Sun, only partial and not visible in America.
IV.—On the 6th of December there will be a Total Eclipse of the Moon, visible as follows: begins at Montreal 51 minutes past midnight, and ends 41 minutes past 4; begins at Toronto 28 minutes past midnight, and ends 17 minutes past 4. This eclipse becomes total 1 hour and 9 min. after the beginning, and continues 1 hour and 32 minutes.
V.—On the 20th of December there will be an eclipse of the Sun, only partial, and invisible on the American Continent.

DURATION OF THE SEASONS, &c.

Table with columns D, H, M and rows for Vernal Equinox, Summer Solstice, Autumnal Equinox, Winter Solstice, Sun in Winter Signs, Sun in Spring Signs, Sun in Summer Signs, Sun in Autumnal Signs, Tropical Year, Sun North of Equator, Sun South of Equator, and Difference.

APPEARANCE OF THE PLANETS, 1862.

Until February 25th Venus will be the Evening Star, and then Morning Star until 10th Dec. Until October 5th Mars will be Morning Star. Until March 13th Jupiter will be Morning Star, then until Oct. 1st Evening Star. Until March 9th Saturn will be Morning Star, then until Sept. 18th Evening Star, then again Morning Star. Mercury about Feb. 17th, June 3rd, and Sept. 30th, will be visible in the West soon after sunset, and in the East before sunrise about March 29th, July 29th, and Nov. 15th.

1st Month. **JANUARY, 31 Days.** Begins on Wednesday.

1862.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	7	6 00 ev.	5 52 ev.	5 41 ev.	5 30 ev.	5 22 ev.
Full Moon.....	15	9 10 ev.	9 1 ev.	8 49 ev.	8 38 ev.	8 30 ev.
Last Quarter.....	23	1 51 mo.	1 43 mo.	1 31 mo.	1 20 mo.	1 12 mo.
New Moon.....	29	10 5 ev.	9 57 ev.	9 45 ev.	9 34 ev.	9 26 ev.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Wed.	7 46	4 22	7 40	4 29	22 58	8 17				<i>Circumcision.</i>
2	Thur.	46	23	40	29	22 54	7 30				Changeable but cold.
3	Fri.	46	24	40	30	22 48	8 40				Severe weather for some
4	Sat.	45	25	39	31	22 42	9 44				time.
5	E.	7 45	4 26	7 39	4 32	22 35	10 47				<i>2nd Sun. after Christmas.</i>
6	Mon.	45	28	39	33	22 28	11 46				<i>Epiphany.</i>
7	Tues.	44	29	38	34	22 20	Morn.				Clear, fair and cold, which
8	Wed.	44	30	38	35	22 12	0 46				continues for some few
9	Thur.	44	31	38	36	22 4	1 45				days.
10	Fri.	43	32	37	37	21 55	2 42				Cloudy and threatening.
11	Sat.	43	33	37	38	21 46	3 40				Wind and storm.
12	E.	7 42	4 34	7 36	4 40	21 36	4 36				<i>1st Sunday after Epiphany.</i>
13	Mon.	42	35	36	41	21 26	5 26				Look out for a good fall of
14	Tues.	42	37	35	42	21 15	6 13				snow about now. Rain, if
15	Wed.	41	38	35	43	21 4	Rises.				wind be south or south-
16	Thur.	40	39	34	44	20 53	5 57				west.
17	Fri.	39	41	33	45	20 41	7 2				Settled cold for some days
18	Sat.	38	42	33	46	20 20	8 9				now.
19	E.	7 37	4 43	7 32	4 48	20 16	9 15				<i>2nd Sun. after Epiphany.</i>
20	Mon.	36	45	31	50	20 3	10 23				Steady cold weather this
21	Tues.	35	46	31	51	19 50	11 32				week. Fair and fine.
22	Wed.	34	47	30	55	19 36	Morn.				Moderating when the wind
23	Thur.	33	49	29	54	19 22	0 44				changes to south or south-
24	Fri.	32	51	28	55	19 8	1 57				west.
25	Sat.	32	52	26	56	18 53	3 7				<i>Conversion of St. Paul.</i>
26	E.	7 31	4 53	7 25	4 57	18 38	4 12				<i>3rd Sun. after Epiphany.</i>
27	Mon.	31	54	25	58	18 23	5 11				January thaw late this year,
28	Tues.	30	55	24	5 00	18 7	5 59				but the end of the month
29	Wed.	29	57	24	1	17 51	Sets.				will be fine, fair, and
30	Thur.	28	58	23	3	17 34	6 19				frosty.
31	Fri.	27	59	23	4	17 18	7 25				Remember the poor.

JANUARY.—That the number of thoughtful and studious farmers has greatly increased in Canada may be safely stated, but it is also certain that there are hundreds in all parts of the country who do not prosecute their business in an intelligent manner. There is an ignorant dread of scientific knowledge, and a fear that it does not pay to work according to rule and law. This ought not to be, and we recommend our farmers, especially our young men, to read and study the best books in agricultural science, and during these winter nights, thus profitably to spend a portion of their time. Learn to do every thing in the best possible way.

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2nd Month. **FEBRUARY, 28 Days.** Begins on Saturday.

1862.]

Moon's Phases.	Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 6	h. m. 3 25 ev.	h. m. 3 17 ev.	h. m. 3 5 ev.	h. m. 2 54 ev.
Full Moon.....	14	0 20 ev.	0 12 ev.	11 59 mo.	11 49 mo.
Last Quarter.....	21	9 25 mo.	9 17 mo.	9 5 mo.	8 54 mo.
New Moon.....	28	0 3 ev.	11 55 mo.	11 43 mo.	11 32 mo.

M.	Week.	Montreal.		Toronto.		Sun's Declinat.		The Moon.		Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D.	h.	m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.					
1	Sat.	7 27	5 00	7 24	5 5	17 1	8 29					
2	Sun.	7 26	5 1	7 23	5 6	16 43	9 31					
3	Mon.	25	2	22	7	16 26	10 31					
4	Tues.	23	3	21	8	16 8	11 32					
5	Wed.	22	4	20	9	15 50	Morn.					
6	Thur.	20	6	18	10	15 31	0 32					
7	Fri.	19	8	16	11	15 13	1 29					
8	Sat.	18	10	14	12	14 54	2 25					
9	Sun.	7 17	5 12	7 12	5 13	14 34	5 17					
10	Mon.	16	14	11	14	14 15	4 6					
11	Tues.	14	16	9	16	13 55	4 44					
12	Wed.	13	18	7	17	13 35	5 23					
13	Thur.	11	19	6	18	13 15	6 2					
14	Fri.	9	20	4	19	12 55	Rises.					
15	Sat.	8	22	2	20	12 34	7 3					
16	Sun.	7 6	5 24	7 00	5 22	12 14	8 13					
17	Mon.	4	25	6 59	24	11 53	9 22					
18	Tues.	3	27	57	25	11 31	10 34					
19	Wed.	1	28	56	27	11 10	11 46					
20	Thur.	0	30	55	28	10 49	Morn.					
21	Fri.	6 59	32	54	30	10 27	0 58					
22	Sat.	57	34	53	31	10 5	2 4					
23	Sun.	6 56	5 35	6 52	5 32	9 43	3 4					
24	Mon.	54	37	50	34	9 21	3 54					
25	Tues.	52	38	48	36	8 59	4 36					
26	Wed.	50	39	47	37	8 36	5 12					
27	Thur.	48	40	46	38	8 14	5 41					
28	Fri.	47	40	45	39	7 51	Sets.					

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FEBRUARY.—A practical farmer says: "I have worked a horse all winter long on carrots and hay, with better health, with equal effectiveness, and with less expense than on hay and oats. All horses will not eat them readily at first, but all will soon learn, and they are never elogged by them. I think parsnips are equally good; certainly they are equally acceptable to the animal. I leave it to chemists to ascertain the relative proportions of starch and sugar, of phosphates and nitrogenous matter in each. Carrots are the root we prefer for late spring feeding, as they keep better than turnips and most other roots. With good hay and carrots the horse will hardly feel the want of fresh grass."

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	8	0 35 ev.	0 27 ev.	0 15 ev.	0 4 ev.	11 56 ev.
Full Moon.....	16	0 31 mo.	0 23 mo.	0 11 mo.	11 59 ev.	11 52 ev.
Last Quarter.....	22	5 3 ev.	4 55 ev.	4 43 ev.	4 32 ev.	4 24 ev.
New Moon.....	30	2 59 mo.	2 51 mo.	2 39 mo.	2 28 mo.	2 20 mo.

DAYS.		Montreal.		Toronto.		Sun's Declinat.		The Moon.	Sun on Meridian.				
M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.		R. & S.	D.	h.	m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg.	Min.	h. m.					
1	Sat.	6 45	5 42	6 44	5 40	7	28	7 14					Calendar, Aspects, &c.
2	Sun.	6 45	5 43	6 42	5 42	7	5	8 16					ST. DAVID'S DAY.
3	Mon.	44	44	40	44	6	42	9 19					Quinquagesima.
4	Tues.	42	45	39	46	5	19	10 18					Cold chilly winds.
5	Wed.	40	47	37	48	5	56	11 17					Shrove Tuesday.
6	Thur.	38	48	35	49	5	33	Morn.					Ash Wednesday.
7	Fri.	36	49	33	50	5	19	0 10					Snow in the East.
8	Sat.	34	51	31	52	4	46	1 7					Rain in the West.
9	Sun.	6 32	5 53	6 28	5 54	4	23	1 57					Rain or snow.
10	Mon.	30	54	26	56	3	59	2 42					1st Sunday in Lent.
11	Tues.	28	56	25	57	3	36	3 23					Considerable downfall these
12	Wed.	26	58	24	58	3	12	3 59					few days past and to come.
13	Thur.	24	59	22	59	2	49	4 30					Unsettled.
14	Fri.	22	6 1	20	6 1	2	25	6 0					Very uncomfortable out of
15	Sat.	20	2	18	2	2	1	Rises.					the house yet.
16	Sun.	6 18	6 3	6 16	6 3	1	38	7 3					Enough time.
17	Mon.	16	4	14	4	1	14	8 19					2nd Sunday in Lent.
18	Tues.	14	6	12	6	0	59	9 34					ST. PATRICK'S DAY.
19	Wed.	12	8	10	7	0	27	10 46					Windy and stormy.
20	Thur.	10	9	8	8	0	3	11 57					Look out for gales accom-
21	Fri.	8	10	6	9	N.	20	Morn.					panied with rain; snow
22	Sat.	6	11	4	11	0	43	58					down East.
23	Sun.	6 4	6 12	6 2	6 12	1	7	1 51					Milder weather.
24	Mon.	2	13	6 00	13	1	31	2 36					3rd Sunday in Lent.
25	Tues.	00	14	5 58	14	1	54	3 12					Pleasant weather.
26	Wed.	5 58	16	56	16	2	18	3 44					Annunciation of V. Mary.
27	Thur.	56	17	54	18	2	41	4 32					The end of this month will
28	Fri.	54	18	52	19	3	5	4 37					not be very agreeable
29	Sat.	52	19	51	20	3	28	5 25					weather.
30	Sun.	5 50	6 20	5 50	6 21	3	51	Sets.					Storms of rain and snow,
31	Mon.	48	21	40	21	4	15	8 0					4th Sunday in Lent.
													with wind.

MARCH.—The attention of Canadian farmers has been called to the cultivation of the vetch or tares. This leguminous forage-plant is reckoned very valuable, and is therefore extensively cultivated in several European countries. There are several varieties, all of which possess properties adapted more or less to the wants of the farmer. Many entertain doubts about the profitable introduction and cultivation of this plant in our climate, but considering the value of the vetch as an article of food for all the animals of the farm, all of whom are very fond of it; it might not be amiss to give the plant a fair trial in this country, before deciding that we cannot profitably raise it.

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1862.]

MEMORANDUM FOR MARCH.

Book 9

Toronto.	London.
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9 4 ev.	11 56 ev.
1 59 ev.	11 52 ev.
4 32 ev.	4 24 ev.
2 28 mo.	2 20 mo.

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12	10	42
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Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	7	7 26 mo.	7 18 mo.	7 6 mo.	6 55 mo.	6 47 mo.
Full Moon.....	14	10 16 mo.	10 8 mo.	9 56 mo.	9 45 mo.	9 37 mo.
Last Quarter.....	21	1 17 mo.	1 9 mo.	0 57 mo.	0 46 mo.	0 38 mo.
New Moon.....	28	6 40 ev.	6 32 ev.	6 21 ev.	6 10 ev.	6 2 ev.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
		h. m.	h. m.	h. m.	h. m.	South.	R. & S.			
						Deg. Min.	h. m.	Calendar, Aspects, &c.		
1	Tues.	5 47	6 22	5 48	6 22	4 38	9 11	All Fools' Day, so called.		
2	Wed.	45	24	46	23	5 1	10 3	April opens fine and balmy		
3	Thur.	43	25	44	25	5 24	10 57	beyond Kingston, but East		
4	Fri.	42	26	42	27	5 27	11 49	of Montreal continues		
5	Sat.	40	28	40	29	6 10	Morn.	cold but fine.		
6	E.	5 38	6 30	5 38	6 31	6 32	0 36	5th Sunday in Lent.		
7	Mon.	35	32	36	32	6 55	1 17	Disagreeable and stormy		
8	Tues.	33	33	34	33	7 17	2 3	weather this quar-		
9	Wed.	32	34	32	34	7 40	2 27	ter of the Moon.		
10	Thur.	30	36	30	35	8 2	2 58	Some sun shine, but		
11	Fri.	28	37	28	36	8 24	3 27	unsteady.		
12	Sat.	26	38	26	37	8 46	3 54			
13	E.	5 24	6 39	5 24	6 38	9 8	4 25	6th Sunday in Lent.		
14	Mon.	22	40	23	39	9 29	1 13	Rises. The Moon's change brings		
15	Tues.	20	41	21	40	9 51	8 25	no decided change. The		
16	Wed.	18	42	20	41	10 12	9 39	barometer is		
17	Thur.	16	44	18	42	10 33	10 48	changeable.		
18	Fri.	14	45	16	44	10 54	11 47	GOOD FRIDAY.		
19	Sat.	12	46	14	45	11 15	Morn.	Fine day.		
20	E.	5 10	6 47	5 12	6 46	11 35	0 34	Easter Sunday.		
21	Mon.	8	48	11	47	11 56	1 13	Easter Monday.		
22	Tues.	7	49	10	48	12 16	1 47	Easter Tuesday.		
23	Wed.	6	50	8	49	12 36	2 14	ST. GEORGE'S DAY.		
24	Thur.	4	51	7	50	12 56	2 40	Calm and clear.		
25	Fri.	2	53	6	51	13 16	3 7	St. Mark.		
26	Sat.	1	55	5	52	13 35	3 33	Good weather.		
27	E.	4 59	6 56	5 4	6 53	13 54	3 59	1st Sunday after Easter.		
28	Mon.	57	57	3	54	14 13	Sets.	The Moon's change brings		
29	Tues.	55	58	2	55	14 32	7 56	rain if wind be South or		
30	Wed.	54	59	1	56	14 50	8 51	South West.		

APRIL.—We have often protested against the shameful waste of manure visible in many parts of Canada. Increasing intelligence among our farmers is greatly diminishing the grounds of complaint, and we trust every farmer will be brought to see the great folly of wasting the very substances which produce growth and wealth. A valuable article appeared on this subject last year, in the "Canadian Agriculturist," published in Toronto. A careful attention to the advices and direction of the Editor would speedily add to the riches of Canada. Our limited foot-notes will not permit us to go extensively into the subject, but to awaken attention we shall devote two or three paragraphs to it.

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begins on Tuesday.

1862.] MEMORANDUM FOR APRIL.

Toronto.	London.
h. m.	h. m.
6 55 mo.	6 47 mo.
9 45 mo.	9 37 mo.
0 46 mo.	0 38 mo.
6 10 ev.	6 2 cv.

on Meridian.

h.	m.	s.
12	3	54
12	1	34
11	59	29
11	57	50

lar, Aspects, &c.

Day, so called. fine and balmy Kingston, but East Montreal continues fine.

Day in Lent. ble and stormy this quar- the Moon. shine, but y.

Day in Lent. s change brings led change. The er is ole. DAY.

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aste of manure e among our and we trust sting the very uable article griculturist," and direction Our limited bject, but to to it.

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Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	6	10 38 ev.	10 30 ev.	10 18 ev.	10 7 ev.	9 59 ev.
Full Moon.....	13	6 14 ev.	6 6 ev.	5 54 ev.	5 43 ev.	5 35 ev.
Last Quarter.....	20	10 52 mo.	10 44 mo.	10 33 mo.	10 22 mo.	10 14 mo.
New Moon.....	28	10 40 mo.	10 32 mo.	10 18 mo.	10 9 mo.	10 1 mo.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. E. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Thur.	4 53	7 00	4 59	6 57	15 8	9 43	1	11 56	56	St. Philip & St. James..
2	Fri.	52	1	58	58	15 26	10 31	9	11 56	14	May smiles, and cheers the heart of the farmer.
3	Sat.	51	2	57	59	15 44	11 14	17	11 56	8	
4	E.	4 50	7 3	4 55	7 00	16 2	11 53	25	11 56	38	
5	Mon.	49	4	53	1	16 19	Morn.	2nd Sunday after Easter. The weather is warm & fine. The industrious Western farmer may get through a good deal of spring work. Out East a great amount of work to be done.			
6	Tues.	47	6	51	2	16 36	0 27				
7	Wed.	45	8	49	3	16 52	0 57				
8	Thur.	43	9	47	4	17 9	1 26				
9	Fri.	42	10	46	5	17 25	1 53				
10	Sat.	41	11	45	6	17 41	2 22				
11	E.	4 40	7 12	4 44	7 7	17 56	2 53	3rd Sunday after Easter. Serviceable weather. The Moon's phase is just so as to indicate variable weather but chiefly fair and fine for some days.			
12	Mon.	39	13	42	8	18 11	3 28				
13	Tues.	37	15	41	10	18 26	Rises.				
14	Wed.	36	16	40	12	18 41	8 27				
15	Thur.	34	17	39	12	18 55	9 32				
16	Fri.	33	18	38	13	19 9	10 23				
17	Sat.	32	19	37	14	19 22	11 11				
18	E.	4 31	7 20	4 36	7 15	19 36	11 48	4th Sunday after Easter. This quarter will be showery and quite unsteady weather for some days, but growing and warm.			
19	Mon.	30	21	35	16	19 49	12 2	Q. VICTORIA BIRTH DAY.			
20	Tues.	29	22	34	17	20 1	0 19				
21	Wed.	28	23	33	18	20 14	0 45				
22	Thur.	27	24	32	19	20 26	1 12				
23	Fri.	26	25	31	20	20 37	1 36				
24	Sat.	25	26	30	21	20 43	2 2				
25	E.	4 24	7 28	4 29	7 22	20 59	2 32	5th Sunday after Easter. Some frost these nights. Fine days. I am pretty certain the month will end with showery weather.			
26	Mon.	23	29	29	23	21 10	3 3				
27	Tues.	22	30	28	24	21 20	3 40				
28	Wed.	22	31	28	25	21 30	Sets.				
29	Thur.	21	32	27	26	21 39	8 30	ASCENSION DAY.			
30	Fri.	20	33	27	26	21 48	9 13				
31	Sat.	20	34	27	27	21 57	9 52				

MAY.—Farm-yard manure, varies much in the degree of its fertilizing power, from several causes; such as particularly the kind of food on which animals are fed, and the amount of skill and care that is taken in preserving and mixing their solid and liquid excrements with straw, and other substances which by fermentation produce a compost more or less rich in the food of plants. Animals liberally fed on hay, turnips, linseed and grain, produce a manure exceedingly rich in nitrogen, and the various salts required by our cultivated crops. During the process of the formations of his manure, the farmer should pay particular attention to the chemical action and change to which the mass is at all times subject.

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gins on Thursday.

1862.]

MEMORANDUM FOR MAY.

Toronto.	London.
h. m.	h. m.
10 7 ev.	9 59 ev.
5 43 ev.	5 35 ev.
10 22 mo.	10 14 mo.
10 9 mo.	10 1 mo.

on Meridian.

h.	m.	s.
11	56	56
11	56	14
11	56	8
11	56	38

lar, Aspects, &c.

p & St. James. es, and cheers the of the farmer.

ay after Easter. er is warm & fine. lustrious Western may get through eal of spring work. t a great amount to be done.

ay after Easter. e weather. s phase is just ndicate eather but air and fine days.

ay after Easter. r will be showery e unsteady For some growing and

A BIRTH DAY.

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its fertilizing d of food on at is taken in th straw, and more or less turnips, lin- gen, and the e process of lar attention at all times

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Moon's Phases.		Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
First Quarter.....	5	9	57 mo.	9	49 mo.	9	37 mo.	9	26 mo.	9	18 mo.
Full Moon.....	12	1	31 mo.	1	23 mo.	1	11 mo.	0	59 mo.	0	52 mo.
Last Quarter.....	18	10	26 ev.	10	18 ev.	10	6 ev.	9	55 ev.	9	47 ev.
New Moon.....	27	2	8 mo.	2	00 mo.	1	48 mo.	1	37 mo.	1	29 mo.

DAYS.	M.	Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.	
			Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m.		s.
			h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.					
1		E.	4 20	7 34	4 27	7 28	22 5	10 28	1	11	57	31	1
2		Mon.	20	36	27	29	22 13	10 59	9	11	58	54	2
3		Tues.	19	37	26	30	22 20	11 28	17	12	0	33	3
4		Wed.	19	37	25	31	22 28	11 55	25	12	2	17	4
5		Thur.	18	38	24	31	22 34	0 22					5
6		Fri.	17	39	24	32	22 44	0 51					6
7		Sat.	17	40	24	33	22 47						7
8		E.	4 17	7 40	4 24	7 34	22 52	1 22					8
9		Mon.	17	41	24	34	22 57	1 58					9
10		Tues.	17	42	24	35	23 2	2 43					10
11		Wed.	16	42	24	36	23 6	3 37					11
12		Thur.	16	43	23	36	23 10	Rises.					12
13		Fri.	16	43	23	37	23 14	9 2					13
14		Sat.	16	44	23	37	23 17	9 46					14
15		E.	4 16	7 44	4 23	7 38	23 19	10 18					15
16		Mon.	16	44	23	38	23 22	10 47					16
17		Tues.	16	45	23	39	23 24	11 14					17
18		Wed.	16	46	23	39	23 25	11 40					18
19		Thur.	16	46	23	40	23 26	0 6					19
20		Fri.	16	46	23	40	23 27	0 35					20
21		Sat.	17	47	24	40	23 27						21
22		E.	4 17	7 47	4 25	7 39	23 27	1 4					22
23		Mon.	17	47	25	39	23 28	1 40					23
24		Tues.	17	47	25	39	23 25	2 20					24
25		Wed.	18	46	25	39	23 24	3 4					25
26		Thur.	18	46	26	39	23 22	3 55					26
27		Fri.	19	46	26	39	23 19	Sets.					27
28		Sat.	19	46	26	39	23 17	8 29					28
29		E.	4 20	7 46	4 27	7 38	23 14	9 3					29
30		Mon.	20	46	27	38	23 10	9 32					30

JUNE.—To preserve and increase manure let no unnecessary waste occur. Eave-troughs ought to be provided in all places where cattle are kept, and their manure exposed to the action of the weather. If this precaution be neglected, a large portion of the soluble salts will be washed out, and make their escape, as is too commonly seen, in the form of a dark brown liquid flowing from the yards or heap over the lower levels of the adjoining ground, till it meets with a final exit in the watercourse of a neighbouring ravine. The amount of valuable manure that is thus annually lost would baffle all attempts at calculation. This subject claims your attention.

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begins on Sunday.

1862.] MEMORANDUM FOR JUNE.

Toronto.	London.
h. m.	h. m.
9 26 mo.	9 18 mo.
0 59 mo.	0 52 mo.
9 55 ev.	9 47 ev.
1 37 mo.	1 29 mo.

on Meridian.

h.	m.	s.
11	57	31
11	58	54
12	0	33
12	2	17

Aspects, &c.

After Ascension.
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 the Moon's first

Full moon you may
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After Trinity.
 THE BAPTIST.
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After Trinity
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7th Month.

JULY, 31 Days.

Begins on Tuesday.

1862.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 4	h. m. 6 4 ev.	h. m. 5 56 ev.	h. m. 5 44 ev.	h. m. 5 33 ev.	h. m. 5 25 ev.
Full Moon.....	11	8 52 mo.	8 44 mo.	8 32 mo.	8 21 mo.	8 13 mo.
Last Quarter.....	18	0 27 ev.	0 19 ev.	0 7 ev.	11 56 ev.	11 48 ev.
New Moon.....	26	4 19 ev.	4 11 ev.	3 59 ev.	3 48 ev.	3 40 ev.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Tues.	4 20	7 46	4 28	7 36	23 6	9 59				Extremely warm.
2	Wed.	21	46	29	38	23 2	10 25				Look out for thunder and
3	Thur.	22	46	30	39	22 57	10 53				violent rain.
4	Fri.	23	45	31	39	22 52	11 22				Settled and fine.
5	Sat.	23	45	32	38	22 47	11 55				Fair and hot.
6	E.	4 24	7 44	4 33	7 38	22 41	Morn.				3rd Sunday after Trinity.
7	Mon.	25	44	34	38	22 35	0 35				Changeable.
8	Tues.	26	44	34	37	22 28	1 22				Haying progressing.
9	Wed.	26	44	34	37	22 21	2 21				Very warm but calm and
10	Thur.	27	43	35	36	22 13	3 29				clear.
11	Fri.	28	43	36	36	22 51	Rises.				This quarter of the Moon
12	Sat.	28	41	37	35	22 37	8 13				will be variable.
13	E.	4 29	7 41	4 38	7 34	21 49	3 46				4th Sunday after Trinity.
14	Mon.	30	41	39	34	21 40	9 15				Fine and fair.
15	Tues.	31	40	40	33	21 30	9 43				St. Swithin.
16	Wed.	32	39	41	32	21 21	10 9				The face of St. Swithin,
17	Thurs.	33	38	42	32	21 11	10 37				more smiling and propi-
18	Fri.	34	37	43	31	21 0	11 7				tious than last year.
19	Sat.	35	36	44	30	21 49	11 39				A good deal of dry
20	E.	4 35	7 35	4 45	7 29	20 38	Morn.				5th Sunday after Trinity.
21	Mon.	36	34	46	29	20 27	0 17				and warm weather.
22	Tues.	37	33	47	28	20 15	1 1				
23	Wed.	38	32	48	27	20 3	1 48				Occasional showers for some
24	Thur.	39	31	49	26	19 50	2 43				days.
25	Fri.	40	30	49	25	19 37	3 40				St. James.
26	Sat.	41	30	49	24	19 24	Scis.				Unsettled and showery.
27	E.	4 42	7 29	4 50	7 23	19 14	7 35				6th Sunday after Trinity.
28	Mon.	43	28	51	22	19 57	8 4				Steady heat for some days
29	Tues.	44	27	52	21	18 43	8 31				to come.
30	Wed.	45	26	52	21	18 28	8 58				A heavy thunder storm may
31	Thur.	46	25	53	20	18 14	9 26				be expected.

JULY.—Muck is a valuable economizer of barn-yard manure. A layer of muck in the stable saturated with urine is nearly as good as the best solid excrement. A cord of muck thoroughly mixed with a cord of animal excrement, will make two cords of manure worth twice as much as the unmixed matter if left to leach and ferment in the usual manner. This mixture can be more equally scattered over a field, and its properties more equally diffused, a matter of very great importance. In the fall of the year, you may gather muck; mix during winter and spring. Try the experiment, certainly it will cost something, but you may rely on ultimate profit.

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begins on Tuesday.

1862.]

MEMORANDUM FOR JULY.

17

Toronto. London.

h. m.	h. m.
5 33 ev.	5 25 ev.
8 21 mo.	8 13 mo.
11 56 ev.	11 48 ev.
3 48 ev.	3 40 ev.

on Meridian.

h. m. s.
12 3 30
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12 5 49
12 6 12

Aspects, &c.

warm.
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8th Month.

AUGUST, 31 Days Begins on Friday.

1862.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 2	h. m. 0 10 mo.	h. m. 0 2 mo.	h. m. 11 50 ev.	h. m. 11 39 ev.	h. m. 11 31 ev.
Full Moon.....	9	5 17 ev.	4 59 ev.	4 47 ev.	4 36 ev.	4 28 ev.
Last Quarter.....	17	5 11 mo.	4 53 mo.	4 41 mo.	4 28 mo.	4 20 mo.
New Moon.....	25	4 54 mo.	4 46 mo.	4 34 mo.	4 21 mo.	4 13 mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
M. Week.					North.	R. & S.			
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1 Fri.	4 47	7 24	4 54	7 19	17 59	9 57	Calendar, Aspects, &c. August opens with fair and agreeable weather. 7th Sunday after Trinity. Haying finished in most parts of Canada. A good deal of grain gathered in the West for the weather has been generally good. 8th Sunday after Trinity. Glad to promise fair and auspicious weather through most of this month. Very warm with distant thunder. 9th Sunday after Trinity. Some showers, but clears up and promises fair, and fine times for the farmer. Lovely day. Changeable. 10th Sunday after Trinity and St. Bartholomew. Some rain about these days. St. Augustine. Very unsettled but clears again. 11th Sunday after Trinity.		
2 Sat.	4 48	7 23	4 55	7 18	17 43	10 34			
3 E.	4 50	7 22	4 56	7 16	17 28	11 18			
4 Mon.	51	20	57	15	17 12	11 18			
5 Tues.	52	19	58	14	16 56	0 9			
6 Wed.	53	17	59	13	16 39	1 11			
7 Thur.	55	16	5 00	12	16 22	2 19			
8 Fri.	56	14	1	10	16 6	3 32			
9 Sat.	57	12	2	8	15 48	Rises.			
10 E.	4 58	7 11	5 3	7 7	15 31	7 13			
11 Mon.	5 1	9	5	5	15 13	7 41			
12 Tues.	2	8	6	4	14 55	8 10			
13 Wed.	3	7	7	3	14 37	8 37			
14 Thur.	4	5	8	1	14 19	9 7			
15 Fri.	5	3	9	6 59	14 0	9 39			
16 Sat.	6	2	10	58	13 41	10 16			
17 E.	5 7	7 00	5 11	6 57	13 22	10 56			
18 Mon.	8	6 59	12	56	13 3	11 42			
19 Tues.	9	57	13	54	12 43	Morn.			
20 Wed.	11	55	14	52	12 23	0 33			
21 Thur.	12	54	16	50	12 3	1 29			
22 Frid.	13	52	17	49	11 43	2 28			
23 Sat.	14	50	18	47	11 23	3 30			
24 E.	5 16	6 48	5 19	6 46	11 2	4 33			
25 Mon.	18	46	20	44	10 42	Sets.			
26 Tues.	19	45	21	43	10 21	7 1			
27 Wed.	20	43	22	42	10 0	7 30			
28 Thur.	21	41	23	40	9 39	8 1			
29 Fri.	22	40	25	38	9 17	8 36			
30 Sat.	23	38	26	36	8 56	9 18			
31 E.	5 24	6 37	5 27	6 34	8 34	10 8			

AUGUST.—This is the month in which to exterminate thistles. In France the laws are such that one may sue his neighbours for not "thistling" their land in the proper season, or he may employ others to do so at their expense. As we have no such regulations, farmers should labour in concert for the eradication of the thistle. Tradition and experience join in urging united and zealous work against the thistle tribe during August. There is nothing so effectual as a thorough breaking up of the soil, and restocking with crops, corn and potatoes for instance. Deep ploughing is necessary in order to bring up the roots and pieces that might spring into life. Kill the thistle tribe.

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Begins on Friday.

1862.] MEMORANDUM FOR AUGUST. 19

Toronto.	London.
h. m.	h. m.
11 39 ev.	11 31 ev.
4 36 ev.	4 28 ev.
4 28 mo.	4 20 mo.
4 21 mo.	2 13 mo.

on Meridian.

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

9th Month. **SEPTEMBER, 30 Days.** Begins on Monday.

1862.]

Moon's Phases.		Quebec.		Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 1	h. m. 5 31 mo.	h. m. 5 23 mo.	h. m. 5 11 mo.	h. m. 5 00 mo.	h. m. 4 52 mo.	
Full Moon.....	8	3 11 mo.	3 3 mo.	2 52 mo.	2 41 mo.	2 33 mo.	
Last Quarter.....	15	11 36 ev.	11 28 ev.	11 16 ev.	11 5 ev.	10 57 ev.	
New Moon.....	23	4 11 ev.	4 3 ev.	3 51 ev.	3 40 ev.	3 32 ev.	
First Quarter.....	30	11 24 mo.	11 16 mo.	11 4 mo.	10 53 mo.	10 45 mo.	

M.	Week.	Montreal.		Toronto.		Sun's Declinat.		The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.			R. & S.	D.	h. m. s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Mon.	5 25	6 35	5 27	6 33	8 12	11 3				
2	Tues.	26	33	29	31	7 51	Morn.				
3	Wed.	28	31	31	29	7 29	0 8				
4	Thur.	30	29	32	28	7 6	1 18				
5	Fri.	31	27	33	26	6 44	2 30				
6	Sat.	32	25	34	25	6 22	3 40				
Calendar, Aspects, &c.											
September opens with dullness. Cool with showers.											
Clears up and is fine for a few days.											
But about full moon											
7	E.	5 33	6 23	5 35	6 23	5 59	4 49				
8	Mon.	35	21	36	21	5 27	Rises.				
9	Tues.	36	19	37	19	5 14	6 38				
10	Wed.	37	17	38	18	4 51	7 7				
11	Thur.	39	16	39	16	4 29	7 36				
12	Fri.	40	14	40	14	4 6	8 14				
13	Sat.	42	12	41	12	3 43	8 53				
Changeable. Now very fine.											
14	E.	5 43	6 10	5 43	6 10	3 20	9 36				
15	Mon.	44	8	44	8	2 57	10 25				
16	Tues.	45	6	45	7	2 33	11 19				
17	Wed.	46	4	46	5	2 10	Morn.				
18	Thur.	48	2	47	3	1 47	0 16				
19	Fri.	49	6 00	48	2	1 24	1 15				
20	Sat.	50	5 59	46	1	1 0	2 17				
Comfortable days and cool pleasant nights.											
21	E.	5 51	5 58	5 50	5 58	0 37	3 19				
22	Mon.	52	56	52	56	0 14	4 26				
23	Tues.	54	55	52	54	S. 9	Sets.				
24	Wed.	56	53	53	52	0 32	5 2				
25	Thur.	57	51	54	50	0 56	6 35				
26	Fri.	58	50	55	48	1 19	7 17				
27	Sat.	59	48	56	46	1 43	8 14				
A regular gale about New-Moon. Fine and pleasant day. Changeable. Some rainy days.											
28	E.	6 00	5 46	5 57	5 44	2 6	8 59				
29	Mon.	1	44	58	42	2 29	10 2				
30	Tues.	2	42	59	40	2 53	11 9				
Month ends cool.											

SEPTEMBER.—Did you ever think of saving your soot? Perhaps not, for it is generally thrown away. Nevertheless, let me tell you, soot is one of the very best manures. It is extensively used in England, and when only fifteen or twenty bushels are applied to the acre, it induces the most luxuriant crops of wheat and other grains. Soot contains several sorts of ammonia, magnesia, lime, and muriatic acid. Its components are the natural food or stimulants of plants, and it can be used to great advantage as a concentrated fertilizer. Potatoes and carrots are especially benefited by it. Six quarts of soot to a large hogshead of water make an excellent liquid manure for the garden.

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10th Month. **OCTOBER, 31 Days.** Begins on Wednesday.

1862.]

Moon's Phases.		Quebec.		Montreal.		Kingston.		Toronto.		London.	
Full Moon.....	D. 7	h. m.		h. m.		h. m.		h. m.		h. m.	
Last Quarter.....	15	4 1 ev.		3 53 ev.		3 41 ev.		3 30 ev.		3 22 ev.	
New Moon.....	23	6 56 ev.		6 48 ev.		6 36 ev.		6 25 ev.		6 17 ev.	
First Quarter.....	29	2 50 mo.		2 42 mo.		2 31 mo.		2 20 mo.		2 12 mo.	
		6 58 ev.		6 50 ev.		6 38 ev.		6 27 ev.		6 19 ev.	

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m.	s.
M. Week.					South.	R. & S.				
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.			
1 Wed.	6 4	5 40	6 00	5 37	3 16	3 16	Morn.	Now is the time for diligence		
2 Thur.	5	38	2	35	3 39	0 19		in the farmer.		
3 Fri.	6	36	4	33	4 3	1 29		Weather unsteady.		
4 Sat.	7	34	5	32	4 26	2 38		Gather in root crops.		
5 E.	6 8	5 32	6 6	5 30	4 49	3 43		16th Sunday after Trinity.		
6 Mon.	9	30	7	28	5 12	4 49		Changeable, yet on the whole		
7 Tues.	11	28	8	26	5 35	5 38	Rises.	pleasant.		
8 Wed.	12	26	9	24	5 58	5 38		Some wind and rain.		
9 Thur.	12	24	10	22	6 21	6 12		Very fine day.		
10 Fri.	14	22	11	20	6 44	6 48		Quite cool nights.		
11 Sat.	15	20	12	19	7 6	7 31		Weather unsteady.		
12 E.	6 16	5 18	6 14	5 18	7 29	8 18		17th Sunday after Trinity.		
13 Mon.	18	16	15	17	7 51	9 10				
14 Tues.	20	14	16	15	8 14	10 5		This moon's quarter fair if		
15 Wed.	21	12	17	13	8 36	11 3		wind be N. W. but rainy		
16 Thur.	23	10	19	12	8 58	11 3		if wind be South or S. W.		
17 Fri.	24	8	20	10	9 20	0 2	Morn.	To-day is fine.		
18 Sat.	25	6	21	8	0 42	1 4		St. Luke.		
19 E.	6 26	5 4	5 22	5 6	10 4	2 8		18th Sunday after Trinity.		
20 Mon.	28	2	24	4	10 25	3 12		Changeable.		
21 Tues.	29	4 59	25	2	10 47	5 20		Pleasant and cool.		
22 Wed.	31	57	27	1	11 8	5 11	Sets.	Frequent showers and		
23 Thur.	32	55	28	4 59	11 29	5 11		cool through the		
24 Fri.	33	53	29	58	11 50	5 55		New Moon's quarter.		
25 Sat.	35	52	30	57	12 11	6 50				
26 E.	6 36	4 50	6 32	4 55	12 32	7 53		19th Sunday after Trinity.		
27 Mon.	38	49	33	53	12 52	9 1		Changeable.		
28 Tues.	39	47	35	52	13 12	10 11		St. Simon and St. Jude.		
29 Wed.	41	46	37	51	13 33	11 21		The month ends with disa-		
30 Thur.	42	45	39	50	13 52	0 30	Morn.	grecably wet and windy		
31 Fri.	43	44	40	49	14 11			weather.		

OCTOBER.—Although so much has been done in the old country for the attainment of the highest results in the tillage of the soil, yet it is plain that more can be done and will be done. A paragraph in Her Majesty's speech from the Throne proroguing the Parliament in 1861 is worth noticing here. The royal commission says: "Her Majesty trusts that the Act for rendering more easy arrangements connected with the drainage of land, will assist agricultural improvements in many parts of the United Kingdom." Not having seen the Act we cannot judge of its applicability to our new country, but expect to learn something useful from it.

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11th Month. **NOVEMBER, 30 Days.** Begins on Saturday.

1862.]

Moon's Phases.		Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h. m.		h. m.		h. m.		h. m.		h. m.	
Full Moon.....	6	8	2 mo.	7	54 mo.	7	43 mo.	7	32 mo.	7	24 mo.
Last Quarter.....	14	1	24 ev.	1	16 ev.	1	4 ev.	0	53 ev.	0	45 ev.
New Moon.....	21	1	28 ev.	1	20 ev.	1	8 ev.	0	57 ev.	0	49 ev.
First Quarter.....	28	5	16 mo.	5	8 mo.	4	56 mo.	4	45 mo.	4	37 mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.		
M. Week.					Deg. Min.	h. m.	Calendar, Aspects, &c.			
	h. m.	h. m.	h. m.	h. m.			1	11	43	44
							9	11	44	0
							17	11	45	11
							25	11	47	15
1 Sat.	6 43	4 43	6 42	4 43	14 31	1 35	All Saints.			
2 E.	6 45	4 42	6 43	4 47	14 50	2 40	20th Sunday after Trinity.			
3 Mon.	47	40	44	45	15 9	3 41	November opens with cold and damp weather.			
4 Tu. s.	49	39	46	44	15 27	4 43	Pleasant cool day.			
5 Wed.	50	37	47	42	15 46	5 44	Frost sets in, but does not continue.			
6 Thur.	52	36	48	40	16 4	Rises.	Fine day.			
7 Fri.	54	34	49	39	16 2	5 27	21st Sunday after Trinity.			
8 Sat.	55	32	50	38	16 39	6 13	The two middle weeks of this month, will have frequent rains accompanied with blustering winds.			
9 E.	6 56	4 31	6 51	4 36	16 56	7 3	Changeable, but			
10 Mon.	58	29	53	36	17 13	7 57	22nd Sunday after Trinity.			
11 Tues.	7 00	28	54	34	17 30	8 53	cannot promise clear and fine weather.			
12 Wed.	1	27	55	33	17 46	9 51	It will continue wet and cold.			
13 Thur.	3	26	56	32	18 2	10 50	Some snow about Montreal and Quebec.			
14 Fri.	5	25	58	31	18 18	11 51	23rd Sunday after Trinity.			
15 Sat.	6	24	59	30	18 33	Moon.	Fine cold day.			
16 E.	7 8	4 23	7 00	4 29	18 48	0 54	Changeable.			
17 Mon.	10	22	2	28	19 3	1 58	Threatens rain, is cold and will continue unsteady & dull.			
18 Tues.	12	21	3	27	19 18	3 6	30th Advent Sunday.			
19 Wed.	13	20	5	26	19 32	4 16	St. ANDREWS DAY.			
20 Thur.	14	19	7	25	19 45	5 31				
21 Fri.	15	18	8	25	19 59	Sets.				
22 Sat.	16	17	9	24	20 12	5 34				
23 E.	7 17	4 16	7 10	4 24	20 24	6 42				
24 Mon.	18	15	11	23	20 37	7 54				
25 Tues.	19	15	12	22	20 48	9 9				
26 Wed.	21	15	13	21	21 0	10 19				
27 Thur.	22	14	14	21	21 11	11 27				
28 Fri.	23	14	15	20	21 22	Moon.				
29 Sat.	24	13	16	19	21 32	0 32				
30 E.	7 25	4 15	7 17	4 18	21 42	1 26				

NOVEMBER.—As the cold and chilly season of the year is again upon us, and a long winter is before us, we may hope that all necessary precaution has been taken, and all necessary arrangements made for the warmth and comfort of the cattle. It is shameful to see how careless some farmers are in this respect. Dumb animals cannot reproach their masters with neglect, but their appearance declares their condition, and it is both a blind and cruel policy to let the poor cattle be shivering in the cold and wet or snow. Make good and tight sheds. Feed well and often. Your cattle will thus be comfortable and you will be amply repaid.

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1862.]

MEMORANDUM FOR NOVEMBER.

Toronto.	London.
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Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon.....	D. 6	h. m. 2 51 mo.	h. m. 2 43 mo.	h. m. 2 31 mo.	h. m. 2 20 mo.	h. m. 2 12 mo.
Last Quarter.....	14	5 47 mo.	5 39 mo.	5 27 mo.	5 16 mo.	5 8 mo.
New Moon.....	21	0 18 mo.	0 10 mo.	11 58 ev.	11 47 ev.	11 39 ev.
First Quarter.....	27	6 58 ev.	6 50 ev.	6 38 ev.	6 27 ev.	6 19 ev.

DAYS.		Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D	h. m.	a.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	Mon.	7 25	4 13	7 18	4 18	21 51	2 38	1	11 49	19
2	Tues.	27	12	19	4 18	22 0	3 38	9	11 52	39
3	Wed.	29	12	21	18	22 9	4 39	17	11 56	27
4	Thur.	29	12	21	18	22 17	5 35	25	12	0 27
5	Fri.	30	11	22	17	22 25	Rises.	Calendar, Aspects, &c.		
6	Sat.	31	11	22	17	22 32	4 57	December begins cold and continues frosty.		
7	E.	7 32	4 11	7 24	4 17	22 39	5 50	Fine and fair.		
8	Mon.	33	11	26	17	22 45	6 46	Cold wind and snow.		
9	Tues.	34	11	28	18	22 51	7 42	Rain in the West.		
10	Wed.	35	11	28	18	22 57	8 42	From the full Moon to, and		
11	Thur.	35	11	29	18	23 2	9 41	<i>2nd Sunday in Advent.</i>		
12	Fri.	36	11	30	18	23 6	10 41	through the last quarter, there will be frequent falls of snow, but as the wind changes look for very cold rain in the westerly parts.		
13	Sat.	37	11	31	18	23 11	11 43	<i>3rd Sunday in Advent.</i>		
14	E.	7 38	4 11	7 31	4 19	23 14	Moon.	Fine, cold and fair.		
15	Mon.	39	12	33	19	23 17	0 47	Changeable.		
16	Tues.	40	12	33	19	23 20	1 53	High winds, cold and drifting snow, about these days.		
17	Wed.	41	12	34	20	23 22	3 3	<i>4th Sunday in Advent, and St. Thomas.</i>		
18	Thur.	42	12	35	20	23 22	3 3	REMEMBER THE POOR.		
19	Fri.	42	13	36	20	23 24	4 16	Pleasant winter day.		
20	Sat.	43	13	36	20	23 26	5 27	CHRISTMAS DAY.		
21	E.	7 44	4 13	7 38	4 20	23 27	5 29	St. Stephen.		
22	Mon.	44	13	38	21	23 27	6 44	St. John one Evangelist.		
23	Tues.	44	14	38	21	23 26	7 59	<i>Holy Innocents and 1st Sunday after Christmas.</i>		
24	Wed.	45	14	38	22	23 25	9 12	Fair and frosty if wind N.E		
25	Thur.	45	14	38	22	23 25	10 21	R. or snow if wind N. or N.E		
26	Fri.	45	15	38	23	23 22	11 26			
27	Sat.	45	15	39	23	23 19	Moon.			
28	E.	7 46	4 16	7 39	4 24	23 16	0 29			
29	Mon.	46	18	39	26	23 13	1 31			
30	Tues.	46	19	39	26	23 9	2 31			
31	Wed.	46	20	40	28	23 5	3 30			

DECEMBER.—It would be especially advantageous for our young farmers to devote some time to the study of geology. The recent discoveries of valuable ores and oil springs in various parts of Canada, have turned the attention of many to this important science. Many investigators of our territory have been by their knowledge of science directed to certain localities in the hope of gain, and they have not been disappointed. Not for that alone would we recommend study of any kind, but in these days it is necessary to be well informed if we would be preserved from the machinations of speculators.

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Begins on Monday.

1862.]

MEMORANDUM FOR DECEMBER.

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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 28th, 1838; Married February 10th, 1840, to Field Marshal His Royal Highness Prince Albert Augustus Charles Emmanuel, Prince of Saxe Cobourg and Gotha, Knight of the Most Noble Order of the Garter, &c., &c., &c.

ISSUE;

Victoria Adelaide Mary Louisa (Princess Royal) born November 21st 1840; married January 25th, 1858, to H.R.H. Frederick William, Prince of Prussia.

Albert Edward (Prince of Wales) born November 9th, 1841.

Alice Maud Mary, born April 25th, 1843.

Alfred Ernest Albert, born August 4th, 1844.

Helena Augusta Victoria, born May 25th 1846.

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 V., King of Hanover, born May 27th, 1819.

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.

CANADA.

THE GOVERNOR GENERAL.

AIDES-DE-CAMP, &c.

His Excellency The Right Honorable Charles Stanley, Viscount MONCK, of Templemore in the County of Tipperary, One of Her Majesty's Most Honorable Privy Council, Governor General of British North America, and Captain General and Governor in Chief in and over the Provinces of Canada, Nova Scotia, New Brunswick, & the Island of Prince Edward, and Vice-Admiral of the same, &c., &c.

Captain Retallack, 63rd Regiment, Military Secretary and Aide-de-Camp, also Assist. Gov. Secretary.

Colonel Irvine, Provincial Aide-de-Camp.

Denis Godley, Esq., Governor General's Secretary.

President of the
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EXECUTIVE COUNCIL.

President of the Council and Minister of Agriculture.....	Hon. John Rose.
Attorney General East.....	Hon. George E. Cartier.
Attorney General West.....	Hon. John A. Macdonald.
Commissioner of Crown Lands....	Hon. P. M. Vankoughnet.
Commissioner of Public Works....	Hon. Jos. Cauchon.
Speaker of Legislative Council....	Hon. Sir N. F. Belleau.
Provincial Secretary.....	Hon. Charles Alleyn.
Postmaster General.....	Hon. Sydney Smith.
Minister of Finance.....	Hon. A. T. Galt.
Receiver General.....	Hon. George Sherwood.
Solicitor General L. C.....	Hon. Louis S. Morin.
Do U. C.....	Hon. Joseph C. Morrison.

OFFICERS.

William H. Lee, Clerk of Executive Council; William A. Himsforth, Confidential Clerk; M. A. Higgins, F. Vallerand, Olivier Coté, Thomas Burns, F. H. Himsforth and Henry Alexander, clerks; Michael Naughton, Door-keeper; James Ryan and Charles Baker, Messengers.

INDIAN DEPARTMENT.—Commissioner of Crown Lands, Superintendent General of Indian Affairs; T. C. Walcot, Accountant; Michael Turner, Chief Clerk; Lawrence Vankoughnet, Clerk; W. R. Bartlett, Visiting Superintendent; David Thorburn, ditto; George Ironside, do; From Talfour, ditto; Francis Assickenack, Interpreter.

GEOLOGICAL SURVEY.—Sir Wm. E. Logan, Provincial Geologist; A. Murray, Assist. ditto; T. S. Hunt, Chemist and Mineralogist; E. Billings, Palæontologist.

EDUCATIONAL DEPARTMENT.

LOWER CANADA.—Old Government House—Hon. J. P. O. Chauveau, Superintendent; Louis Giard, Secretary; J. J. Phelan, English Corresponding Clerk, and Assistant Editor of the Lower Canada Journal of Education; Alex. de Lusignan, Clerk of Statistics; Auguste Bechard, French Corresponding Clerk; Assistant Editor of Le Journal de l'Instruction Publique, and Librarian; H. B. Ste Marie, Clerk of Accounts; J. J. Laparre, Store-keeper; J. Bte. Lenoir, Copying Clerk; Paul Blouin, Messenger.

Catholic Board of Examiners.—Rev. L. V. L. Villeneuve, Rev. A. Trueteau, William Doran, Rev. C. Lenoir, P. Granet, P. Beaubien, F. X. Valide, Secretary.

Protestant Board of Examiners.—Rev. Alexander Kemp, Rev. Dr. Wilkes, Rev. W. Snodgrass, Rev. J. Flanigan, W. Lunn; A. N. Rennie, Secretary.

UPPER CANADA.—For the general administration of the Grammar and Common School Laws, Rev. Egerton Ryerson, D. D. Chief Superintendent of Education; John G. Hodgins, LL.B., F.R.G.S., Deputy ditto; A. Marling, Clerk and Clerk of Accounts; A. J. Williamson, Clerk of Correspondence; F. J. Taylor, Clerk of Statistics; H. Butterworth, Assistant ditto; S. P. May, Clerk of Libraries; T. Churchill, Depository Clerk; J. T. R. Stinson, Assistant Clerk; C. Alderson, Paeker and Depository Clerk; James Moore, Office Messenger.

PERMANENT OFFICERS, LEGISLATIVE ASSEMBLY.

CHIEF DEPARTMENT.—William Burns Lindsay, clerk; William Burns Lindsay, jun., clerk assistant; Alfred Patrick, deputy clerk assistant, and chief clerk of committees and controverted elections; Thomas Vaux, accountant; Joshua Stansfield, assistant accountant; Gustavus W. Wicksteed, law clerk.

GENERAL DEPARTMENT.—William Poyntz Patrick, chief office clerk; Henry Hartney, assistant office clerk and clerk to printing committee; William Spink, clerk of routine and records; Henry Boulton Stuart, English writing clerk; Edouard Dénéchaud, French writing clerk; Alexander G. D. Taylor, Théodule Blais, H. R. Smith, O. C. de Lachevrotière, N. Gingras, H. Lindsay, J. Sloane, junior clerks.

COMMITTEE DEPARTMENT.—Jean P. Leprohon, 1st assistant clerk of committee; François X. Blanchet, 2nd do.

PRIVATE BILL DEPARTMENT.—Alfred Todd, clerk of votes and chief clerk of private bills; Thaddeus Patrick, assistant clerk of votes and clerk of railway committee; William B. Ross and Herman Poetter, assistant clerks of votes.

TRANSLATOR'S DEPARTMENT.—Eugène P. Dorion, chief French translator and French assistant law clerk; William Fenning, French translator of the journals and votes and proceedings; Toussaint G. Coursolles, assistant French translator; J. F. Gingras, Jos. Royal, and A. Mondelet, junior assistant do.; Frank Badgley, chief English translator and assistant law clerk; William Wilson and Finbar Hays, assistant English translators.

JOURNAL DEPARTMENT.—George M. Muir, English journal clerk; William H. Lemoine, French journal clerk; Pierre Rivet, assistant French clerk; Henry McCarthy, clerk of petitions.

LIBRARY DEPARTMENT.—Alpheus Todd, librarian; A. Gérin Lajoie, assistant librarian; Augustin Laperrière, clerk.

DEPARTMENT OF SERGEANT-AT-ARMS.—Donald Wm. Macdonell, sergeant-at-arms; W. C. Burrage, deputy do.; Robert Defries, post-master; Joseph Blais, assistant do.; John O'Connor, doorkeeper; Robert Baillie, assistant do.; A. Leroux Cardinal, chief messenger; Edward Steacy, assistant do.; Michael McCarthy, Olivier Vincent, Pierre Laliberté, Joseph Lemonde, Edouard Pelletier, William Graham, James Hoy, messenger; Edward Storr, assistant doorkeeper.

PERMANENT OFFICERS IN LEGISLATIVE COUNCIL.

J. F. Taylor, Clerk of the House and Master in Chancery.

R. Lemoine, Deputy and Assistant Clerk, Master in Chancery and French Translator.

Fennings Taylor, Deputy and Assistant Clerk; Master in Chancery, and Chief Office Clerk.

J. E. Doucet, Additional Assistant Clerk, and Assistant French Translator.

W. A. Maingy, Additional Assistant and 2nd Office Clerk.

James Adamson, Clerk of the English Journals.

R. G. Belleau, Clerk of the French Journals.

A. A. Boucher, Fr
John McGillivray
W. Agar Adamson
E. L. Montizambe
of Committee
René Kember, Ger
O. Vallerand, Ser
E. Botterell, Door
M. Keating, Hous
S. Skinner, Assis
F. Boulet, J. Cas
R. Greer, P.
Messenger.
A. Douaire and C

CIVIL SECRET
Henry Cotton, c
keeper; George

PROVINCIAL SE
Secretary; Etie
Meredith, Assis
Contingencies a
Jones, and G. S
R. Glackmeyer
and C. J. Birch
Dorr and J. N.

PROVINCIAL I
Registrar; Wil
1st Clerk, Ama
W. J. Goodeve
Clerks, Maxime

RECEIVER GE
ral; T. D. Har
venture Clerk
Stanton, Warr
lant, General
Fund of Upper
Hunter, Accou
tant ditto.

DEPARTMENT
of Finance; J
son, Acting D
Book-keeper;
G. Scott, Joh
Baxter, R. H.
keeper; J. Pe

Auditor's I
Thomas Cru
Cambie, Regi
Edward C. B

A. A. Boucher, French Translator and Clerk of Select Committees.
 John McGillivray McLean, Clerk.
 W. Agar Adamson, D.C.L., Chaplain and Librarian.
 E. L. Montizambert, A. M., Law Clerk, English Translator, and Clerk of Committee.
 René Kember, Gentleman Usher of the Black Rod.
 O. Vallerand, Sergeant-at-Arms.
 E. Botterell, Door-keeper.
 M. Keating, House-keeper and Chief Messenger.
 S. Skinner, Assistant House keeper and Messenger.
 F. Boulet, J. Casault, J. Pageau, A. Lachence, J. Doherty, J. Hanley, R. Greer, P. Ratty, Peter Dunn, Patrick Madigan, J. B. Myrand, Messenger.
 A. Douaire and C. Young, pages.

PUBLIC DEPARTMENTS.

CIVIL SECRETARY'S OFFICE.—Capt. Retallack, Acting Secretary; Henry Cotton, chief clerk; John Kidd, 2nd Clerk; Philip Hill, office keeper; George Boxall, messenger.

PROVINCIAL SECRETARY'S OFFICE.—Hon. Charles Alleyn, Provincial Secretary; Etienne Parent, Assistant Secretary East; Edmond A. Meredith, Assistant Secretary West; Thos. Ross, Accountant of the Contingencies and Receiver of Marriage License Fees; S. Tetu, W. H. Jones, and G. S. Bertrand, first class clerks (east); J. Mackay and H. R. Glackmeyer, second class clerks (east); G. Powell, H. E. Steele, and C. J. Birch, first class clerks (west); J. Gow, Office-keeper; J. Dorr and J. N. Fradet, Messengers.

PROVINCIAL REGISTRAR'S OFFICE.—Hon. Charles Alleyn, Provincial Registrar; William Kent, Deputy Provincial Registrar; G. H. Lane, 1st Clerk, Amable Bélanger, 2nd ditto; and J. A. Bélanger, 3rd ditto; W. J. Goodeve, R. A. Kent, L. A. Catellier, and Michael Lane, extra Clerks, Maxime Valiquette, Messenger.

RECEIVER GENERAL'S OFFICE.—Hon. Geo. Sherwood, Receiver General; T. D. Harrington, Deputy ditto; G. C. Reiffenstein, Chief or De-benture Clerk; T. C. Bramley and Théo. Duffort, Book-keeper; J. B. Stanton, Warrant Clerk; Wm. Hedge, Bank Account Clerk; J. F. Pel-lant, General Clerk; L. F. Dufresne, Clerk in charge of Municipal Loan Fund of Upper and Lower Canada; Chas. W. Shay, F. Lewis and F. Hunter, Accountants; F. L. Cassault, Messenger; N. Cassault, Assis-tant ditto.

DEPARTMENT OF THE MINISTER OF FINANCE.—Hon. A. T. Galt, Minister of Finance; Joseph Cary, Deputy Inspector General; William Dickin-son, Acting Deputy ditto; Norris Godard, Chief Clerk and Provincial Book-keeper; John Drysdale, Book-keeper; Archibald Cary, ditto; F. G. Scott, John R. Nash; C. J. Anderson, G. S. Lay, Clerks; R. W. Baxter, R. H. Mackay, P. Ryan, Extra Clerks; David Ryan, House-keeper; J. Pender, Messenger.

Auditor's Branch.—John Langton, Auditor of Public Accounts; Thomas Cruse, Book-keeper; Thomas D. Tims, Assistant ditto; C. Cambie, Registrar of Free Banks; Christopher Green, James Patterson; Edward C. Barber, Clerks; Ed. Sixsmith, Messenger.

Customs Department.—R. S. M. Bouchette, Commissioner; Thomas Worthington, Assistant Commissioner; J. W. Peachy, Corresponding Clerk; J. R. Audy, Clerk of Seizures and Forms; T. B. Roberts, Statistical Clerk; H. H. Duffil, Statistical and Canal Office Clerk; T. Shepard, Dr. L. O'Brien, G. A. Mailleau, H. C. Hay, Check Clerks; W. Bell, J. Walls, Messenger.

MILITARY.

Lieutenant General Sir W. F. Williams, Bart., K.C.B., Commanding the Forces in British North America.

Colonel the Hon. Robert Rollo, Military Secretary.

Captain F. W. de Winton, Royal Artillery, and Captain R. Grant, Royal Engineers, Aide-de-Camp.

MILITARY SECRETARY'S DEPARTMENT: Col. the Hon. R. Rollo, Military Secretary; J. Rowan Spong, Chief Clerk; P. Lawler, R. G. Greig and M. Riordan, Clerks; M. Dalgliesh, Office-keeper; James Macfarlane, Messenger.

ADJUTANT GENERAL'S DEPARTMENT: Lieutenant Col. James Conolly, Assistant Adjutant General; Lieutenant C. Macdonald, Town Major; W. Wright, 1st Clerk; P. Walsh and J. Snadell, Clerks; J. Dillon Town Major's Clerk; W. Rowan, Town Sergeant.

QUARTERMASTER GENERAL'S DEPARTMENT: Colonel Napier, C. B., Deputy Quartermaster General; N. Hughes, 1st Clerk; E. Roe and A. Mitchell, Clerks.

MILITARY STORE DEPARTMENT: Alexander Gun, Esq., Deputy Superintendent of Stores; Edward Wilgress, Esq., Deputy Assistant Superintendent of Stores; J. W. Dawson, Military Store Clerk.

HEAD QUARTERS ROYAL ENGINEER'S OFFICE.

Montreal: Commanding Royal Engineers in Canada, Colonel Henry Servante; Assistant ditto, Captain R. Warren; Draftsman and Surveyor, C. Walkem; James Kerr, 1st class Clerk; John Gardner, 2nd ditto; J. Collard, Clerk of Works; J. Robertson, Office-keeper.

District Branch: Captain Warren, Commanding Royal Engineer District Branch; Wm. Wheeler, Clerk of the Works; Arthur Ross, Office-keeper.

Kingston District: Lieut. Col. Wittingham, Commanding Royal Engineers, Kingston; Lieut. Storer, Royal Engineers; Andrew Kemp, Clerk of the Works; J. B. Harper, 2nd class Clerk; R. Goodfellow, Office-keeper.

Quebec District: Lieut. Colonel Menzies, Commanding Royal Engineer, Quebec, W. H. Head, Clerk of Works; J. H. Oakes and G. H. Peake, 2nd class Clerks; E. Lennon, Office-keeper.

COMMISSARIAT DEPARTMENT.

Montreal: Deputy Commissary General LeMesurier, Controller of Army Expenditure; Assistant Commissary General Price, Military Accountant; Deputy Assistant Commissary General Rogers, Store do.; Deputy Assistant Commissaries General Archer & Gibbs; Commissariat Clerks, Woodley Palmer, J. Ballard, and J. R. Ballard.

1862.]

Quebec: Assi
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Kingston: As
tant Commissar
Toronto: Ass
London: Dep

Montreal and
Ottawa: Maj
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London: Cap

Montreal.. Hea
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London... Hea
Niagara... Det

Honorable
W. H. Griff
tant; William
Money Ord

1st Class.—
Lawson, H. S.

2nd Class.—

3rd Class.—

W. D. Lesue

4th Class.—

Hollway, R.

John Dew

LL.D.; Edw

Clerks:—

Maitland, U

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Corresponding
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Clerks; W.

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R. Grant,

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Colonel Henry
and Surve-
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Ross, Office-

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drew Kemp,
Goodfellow,

Royal Engi-
and G. H.

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Store do.;
Commissa-

Quebec: Assistant Commissary General Plant; Deputy Assistant Commissaries Brown & Elmes; Commissariat Clerk, Dickinson.

Kingston: Assistant Commissariat General Cumming; Deputy Assistant Commissary General Snow.

Toronto: Assistant Commissary General Waldron.

London: Deputy Assistant Commissary General Primrose.

STAFF OFFICERS OF PENSIONERS.

Montreal and Quebec: Major Thomas Bourke, H. P., 37th Ft.

Ottawa: Major Donaldson, H. P.

Toronto and Kingston: Capt. Ferris, H. P.

Hamilton: Ensign Roberts, H. P.

London: Captain Hodges.

REGIMENTS IN CANADA AND OFFICERS COMMANDING.

Montreal.. Headquarters of the Army in Canada.

" Royal Artillery, Colonel Eardley Wilmot, Commanding.

" Headquarters 47th Regt., Col. Kelly, C.B., Commanding.

Quebec... Royal Artillery, Col. Paynter, Commanding.

" 1st Battalion 17th Regiment, Lieut. Col. Gordon Com'g.

" 4th Battalion 60th Rifles, Lieut. Col. Hawley, Commanding.

Kingston.. Detachment Royal Artillery, Capt. Ford, Commanding.

" Detachment R. C. Rifles.

Toronto... 30th Regiment, Colonel Mauleverer, C.B., Commanding.

" Depot 100th Regiment.

London... Headquarters Royal Canadian Rifles, Col. Bradford, Comd'g.

Niagara.. Detachment R. C. Rifles.

POST OFFICE DEPARTMENT.

Honorable SYDNEY SMITH, Postmaster General.

W. H. Griffin, Deputy Postmaster General; H. A. Wicksteed Accountant; William White, Secretary; John Ashworth, Cashier.

Money Order Braach.—P. Lesueur, Superintendent.

CLASSIFICATION OF CLERKS.

1st Class.—R. M. Julyan, E. C. Hayden, J. T. Mc Cuaig, B. Oliver, D. Lawson, H. S. Weatherly, P. Holt, J. C. Stewart.

2nd Class.—J. Audette, C. R. McKenzie, J. Brophy.

3rd Class.—Geo. J. Mason, J. Boyd, J. L. McMahon, E. P. Benjamin, W. D. Lesueur, B. King, G. H. Hargrave.

4th Class.—H. J. Garrett, G. H. Holt, H. W. Griffin, W. Berry, T. J. Hollway, R. Barker.

POST OFFICE INSPECTORS.

John Dewé, Gilbert E. Griffin, Matthew Sweetman, J. B. Meilleur, L.L.D.; Edwin King, W. G. Sheppard, Francis Clemder, Ogle R. Gowan,

MONTREAL.

Edward S. Freer, Postmaster.

B. McEvenue, Assistant Postmaster.

Clerks:—M. Emery, H. Huddel, McD. Simpson, M. Murphy, James Maitland, U. Benoit, J. McKeon, Alex. Robertson, Léon Malard, Wm Mc-

Gillvray, James Simpson, O. Raymond, A. Green, A. D'Amour, R. Miller, James McNab, V. Baillargeon, John T. Wright, J. J. Stewart, J. Vallée, A. A. Lynch, Thos. F. Larseneur H. A. Bourret, Thos. Forsyth, Joseph L. Palmer.

P. O'Reilly, John Drew, A. Auger, L. Lafricain, and S. Johnston, Letter Carriers.

Office hours from 8 a. m. to 7 p. m. ; and from 8 to 10 a. m. on Sundays.

On letters to Nova Scotia, New Brunswick, and Prince Edward's Island the rate is 5 cents per ½ oz. with optional pre-payment.

The rate of letters to the United Kingdom will be :

By Canadian Packet	12½ cents per ½ oz.
By Cunard	17 " "

Letters for the United Kingdom must be prepaid, or they will be charged a fine of 6d sterling on arrival in England.

Letters for the British Colonies and possessions beyond sea, and for Foreign Countries, via England, must be prepaid.

The rate on letters for the United States (except California and Oregon)	10 cents per ½ oz.
" " for California and Oregon	15 " "

Registration Charges.—For the registration of a Letter addressed to any place in British North America the charge is 2 cents.

For the Registration of a Letter to the United Kingdom	12½ cts.
" " United States	5 " "

Miscellaneous Charges.—The charges on Parcels by Parcel Post to any place in Canada is 25 cents per lb (with 5 cents additional if Registered).

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	2s per qr., or 40 cents.
" " 3 " "	1s " 29 "
" " 2 " "	8d " 13 "
" " 1 " "	4d " 6½ "

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

Newspapers by mail from England or United States.—Newspapers received from England by the Canadian Packet Mails are delivered free.

Newspapers from England by the Cunard Packet Mails are charged 2 cents each on delivery. (This is the American transit charge.)

United States Newspapers, brought by mail into Canada, are charged one cent each on delivery.

Postage Stamps.—Postage Stamps of the respective values of 1 cent for Newspapers, 5 cents for ordinary Provincial Letters ; 10 cents for United States rate ; 12½ cents for Canadian Packet, and 17 cents for Cunard Packet, are provided for sale to the public.

The charge upon Books, &c., by Book Post to England is 7 cents on packets not exceeding 4 oz. in weight ; 12½ cents on ½ lb packets ; and 12½ cents for every additional ½ lb. These charges must be prepaid.

Book Post with paper, Book, &c.
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" 60	" 80

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than £5 ; but

Officers.—
M. Delisle,
the Crown
Thomas Mc

Book Post with France.—For a packet of Printed Matter, or single News-paper, Book, &c., not over 2 oz., 4 cents.
 Do. exceeding 2 oz., and not over 4 oz., 8 cents.
 Do., " 4 oz., " 8 oz., 17 "
 Do., " 8 oz., " 16 oz., 34 "

And so on increasing 17 cents for every additional 1/2 lb.
 The Book Post Regulations between Canada and England apply to matter between Canada and France.

Penal Clause.—The Act contains the following penal clause:

To inclose a letter or letters or any writing intended to serve the purpose of a letter, in a Parcel posted for the Parcel Post shall be a misdemeanor.

To inclose a letter or any writing, or to make any written mark to serve the purpose of a letter, or to inclose any other thing in a newspaper posted to pass as a newspaper at the rate of postage applicable to newspapers (except in the case of accounts and receipts of newspaper publishers which are permitted to pass folded with the newspapers sent by them to their subscribers) shall be a misdemeanor.

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 " 30.....	15 "
" 30 " 40.....	30 "
" 40 " 60.....	45 "
" 60 " 80.....	60 "
" 80 " 100.....	75 "

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

N. B.—No HALF CENTS to be introduced in the Money Orders.

Money Orders on England, Scotland and Ireland.—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, one shilling sterling; from £2 to £5, two shillings. No order can be drawn for more than £5; but any number of orders of £5 each may be procured.

COURTS OF JUSTICE.

According to the Provisions of the 20th Vict., cap. 44.

COURT OF QUEEN'S BENCH.

- Hon. Sir L. H. Lafontaine, Bart., Chief Justice.
 " Thomas C. Aylwin, } Puisné Judges.
 " Jean F. Duval, }
 " W. C. Meredith. }
 " Chs. Mondelet, Assistant Judge.

Officers.—John Boston, Sheriff; Joseph Jones, Coroner; Alexander M. Delisle, Clerk of the Crown; Charles E. Schiller, Deputy Clerk of the Crown; Benjamin Delisle, High Constable; J. Buchanan, Crier; Thomas McGinn, Gaoler.

COURTS IN APPEAL AND ERROR.

* Montreal—1st March, 1st June, 1st September and 1st December.
 Quebec—12th March, 12th June, 12th September and 12th December.
 J. U. Beaudry, Clerk of Appeals; Charles Drolet and L. M. Marchand,
 Deputy do.

COURT OF CRIMINAL JURISDICTION.

Montreal—24th March and 24th September.
 Quebec—24th January and 24th June.
 Three Rivers—2nd February and 11th September.
 Kamouraska—5th April and 21st October.
 Aylmer—21st January and 1st July.
 Terms to continue till the business is closed. Extraordinary terms
 may be held by proclamation.

SUPERIOR COURT.

*Jurisdiction for Sums exceeding £50 Currency, 12 Vict., cap. 38, sec. 17
 and 47, and 20 Vict., cap. 44, sec. 35.*

Honorable Edward Bowen, Chief Justice.

JUDGES.

Hon. Dominique Mondelet.

" James Smith.

" J. A. Tachereau.

" Peter Winter.

" Andrew Stuart.

" Edward Short.

" William Badgley.

" John S. McCord.

S. C. Monk.

Jean Tachereau.

Hon. Jean C. Bruneau.

" David Roy.

" Antoine Polette.

" Ainé Lafontaine.

" F. E. Gauthier.

" John G. Thompson.

" Jos. A. Barthelot.

} Assistant Judges.

† MONTREAL.—† Hochelaga, Jacques Cartier, Laval, Vaudreuil, Soulanges, Laprairie, Chambly, and Verchères; and City of Montreal—Held at Montreal from 17th to 27th of every month except January, July and August. Monk, Coffin & Papineau, Prothonotary; John Boston, Sheriff.

QUEBEC.—Portneuf, Quebec, Montmorency, Levi, and Lotbinière; and City of Quebec—Held at Quebec from 1st to 5th every month except January, July and August. Burroughs & Fiset, Prothonotary; Wm. S. Sewell, Sheriff.

* By the 17th Section of the 20 Vict., cap. 44, cases in Appeal from the District of Ottawa, Montreal, Terrebonne, Joliette, Richelieu, St. Francis, Bedford, St. Hyacinthe, Iberville and Beauharnois, are to be heard and determined at the City of Montreal only, and the writs in such cases are returnable there; and cases in Appeal from the Districts of Three Rivers, Quebec, Saguenay, Gaspé, Rimouski, Kamouraska, Montmagny, Beauce and Arthabaska are to be heard and determined at the City of Quebec only, and the writs in such cases are returnable there.

† Districts,

† Counties &c., comprised.

Appeals from the Circuit Court to the Queen's Bench are allowed, by the 20 Vict. cap. 44, sec. 60, in cases over twenty-five pounds currency.

Every day not a Sunday or a Holy day is a Juridical day.

OTTAWA.—O
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 from 13th to 1
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GASPE.—Ga
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TERREBONNE
 Ste. Scholasti
 R. Berthelot,

JOLIETTE.—
 from 13th to 1
 Prothonotary

RICHELIEU—
 13th to 19th
 notary; P. R

SAGUENAY—
 19th January
 P. H. Cimon,

CHICOUTIMI
 ary, June and
 Sheriff.

RIMOUSKI—
 June and No
 lifour, Sherif

MONTMAGN
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 notary; J. D

BEAUCE—E
 19th March
 J. Tachereau

ARTHABAS
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 Prothonotar

BEDFORD—
 13th to 19th

tary; David
 St. HYAC

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 DeLorimier,

IBERVILLE
 from 13th to
 thonotary;

BEAUHARN
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 Beaudry, P

OTTAWA.—Ottawa and Pontiac—Held at Aylmer from 13th to 19th February, June and November. Henry Driscoll, Prothonotary; Louis M. Coutlée, Sheriff.

THREE RIVERS.—Maskinongé, St. Maurice (including City of Three Rivers), Champlain and Nicolet—Held at Three Rivers from 13th to 19th of February, May, September and December. Edward Barnard, Prothonotary; Isaac G. Ogden, Sheriff.

KAMOURASKA.—Kamouraska and Temiscouta—Held at Kamouraska from 13th to 19th February, May and October. Chalou & Déry, Prothonotary; Ovide Martineau, Sheriff.

GASPE.—Gaspé and Bonaventure—Held at Percé from 13th to 19th March, August and December. Louis G. Harper, Prothonotary; Philip Vibert, Sheriff; New Carlisle from 13th to 19th February, July and November. John Wilkie, Prothonotary; Martin Sheppard, Sheriff.

TERREBONNE.—Argenteuil, Two Mountains, and Terrebonne—Held at Ste. Scholastique from 13th to 19th February, May and October. Jules R. Berthelot, Prothonotary; Germain Raby, Sheriff.

JOLIETTE.—L'Assomption, Montcalm & Joliette—Held at Industry from 13th to 19th March, June and November. Louis Thomas Groulx, Prothonotary; B. H. Leprohon, Sheriff.

RICHELIEU.—Richelieu, Yamaska and Berthier—Held at Sorel from 13th to 19th February, May and October. Antoine N. Gouin, Prothonotary; P. R. Chevalier, Sheriff.

SAGUENAY.—Charlevoix and Saguenay—Held at Malbaie from 13th to 19th January, May and September. Chas. Du Berger, Prothonotary; P. H. Cimon, Sheriff.

CHICOUTIMI.—Chicoutimi—Held at Chicoutimi from 13th to 19th February, June and October. Charles Garneau, Prothonotary; Ovide Bossé, Sheriff.

RIMOUSKI.—Rimouski—Held at St. Germain from 13th to 19th March, June and November. Frs. Magl. Dérome, Prothonotary; Sim. J. Chalfour, Sheriff.

MONTMAGNY.—L'Islet, Montmagny, & Bellechasse—Held at Montmagny from 13th to 19th February, May and October. Albert Bender, Prothonotary; J. David Lépine, Sheriff.

BEAUCE.—Beauce and Dorchester—Held at St. Joseph from 13th to 19th March, June and November. Zéphirin Vezina, Prothonotary; T. J. Tachereau, Sheriff.

ARTHABASKA.—Megantic, Arthabaska, Drummond—Held at St. Christophe from 13th to 19th March, June and November. Rufus Wadleigh, Prothonotary; Auguste Quesnel, Sheriff.

BEDFORD.—Shefford, Missisquoi, and Brome—Held at Nelsonville from 13th to 19th February, May and October. Frederick T. Hall, Prothonotary; David Brown, Sheriff.

St. HYACINTHE.—St. Hyacinthe, Bagot, and Rouville—Held at St. Hyacinthe from 22nd to 28th February, May and November. Ls. G. DeLorimier, Prothonotary; Ovide Désilets, Sheriff.

IBERVILLE.—St. Johns, Napierville, and Iberville—Held at St. Johns from 13th to 19th March, June and November. Frs. H. Marchand, Prothonotary; J. F. Desrivières, Sheriff.

BEAUHARNOIS.—Huntingdon, Beauharnois, and Chateauguay—Held at Beauharnois from 13th to 19th February, May and October. Louis Beaudry, Prothonotary; Louis Hainault, Sheriff.

CIRCUIT COURTS.

Jurisdiction for sums not exceeding £50 currency, 12 Vic. cap. 38, sec. 47, and 20 Vic. cap. 44, sec. 55.

MONTREAL DISTRICT.

Montreal Circuit, held at Montreal, 10th to 15th of every month except January, July and August. Clerk, Monk, Coffin and Papineau.

Vaudreuil County, held at Vaudreuil, 1st to 5th March, July and November. Clerk, Joseph Octave Bastien.

Soulanges County, held at Coteau Landing, 6th to 10th March, 6th to 9th July, 6th to 10th November. Hubert Trefflé Sentenne.

Verchères County, held at Verchères, 1st to 5th February, May and October. Clerk, Eloi Edmond Chagnon.

QUEBEC DISTRICT.

Quebec Circuit, held at Quebec, 16th to 21st January, and June, and 20th to 25th of every other month except July and August. Clerk, Burroughs & Fiset.

Lotbinière Circuit, held at Lotbinière, 13th to 22nd March, July and November. Clerk, Joseph Filteau.

Portneuf Circuit, held at Cap Santé, 7th to 16th January, May and September. Clerk, Roger Lelièvre.

THREE RIVERS DISTRICT.

Three Rivers Circuit, held at Three Rivers, 7th to 12th February, May, September, November and December. Clerk, Edward Barnard.

Maskinongé County, held at Rivière du Loup, 24th to 28th February, May and October. Clerk, Louis Joseph Bourret.

OTTAWA DISTRICT.

Ottawa Circuit, held at Aylmer, 7th to 12th February, June and November. Clerk, Henry Driscoll.

Ottawa County (2d), held at Papineauville, 7th to 10th January, May and September. Clerk, François Samuel Mackay.

Pontiac Circuit, held at Portage du Fort, 2nd to 9th March, 20th to 25th June and 3rd to 8th November. Clerk, Robert William Hardinge.

TERREBONNE DISTRICT.

Terrebonne Circuit, held at Ste. Scholastique, 7th to 12th February, May and October. Clerk, Jules R. Berthelot.

Terrebonne County, held at St. Jérôme, 20th to 24th February, May and October. Clerk, J. B. Lefèvre Villemure.

Argenteuil County, held at Lachute, 12th to 16th January, May and September. Clerk, Thomas Barron.

JOLIETTE DISTRICT.

Joliette Circuit, held at Industry, 7th to 12th March, June and November. Clerk, Louis Thomas Groulx.

L'Assomption County, held at L'Assomption, 20th to 24th March, June and November. Clerk, Joseph Zebdel Martel.

Montcalm County, held at Ste. Julienne, 25th to 29th March, June and November. Clerk, Adelard Isidore Des Rivières.

Richelieu Circuit, held at Richelieu, 1st to 5th February, May and October. Clerk, Berthier.

Bedford Circuit, held at Bedford, 1st to 5th February, May and October. Clerk, Brome.

St. Hyacinthe Circuit, held at St. Hyacinthe, 1st to 5th February, May and October. Clerk, Rouville.

Iberville Circuit, held at Iberville, 1st to 5th February, May and October. Clerk, Napierville.

Beauharnois Circuit, held at Beauharnois, 1st to 5th February, May and October. Clerk, Chateaugay.

GENEVA

A. M. Delisle, Deputy Clerk.

Montreal: 4
Quebec: 8th
Pier

Three Rivers
L. U.

RICHELIEU.

Richelieu Circuit, held at Sorel, 7th to 12th February, May and October. Clerk, Antoine Nemèse Gouin.

Berthier Circuit, held at Berthier, 25th to 29th February, May and October. Clerk, Charles Emond.

Yamaska County, held at St. François, 20th to 24th February, May and October. Clerk, Louis M. Côté.

BEDFORD DISTRICT.

Bedford Circuit, held at Nelsonville, 7th to 12th February, May and October. Clerk, Frederick T. Hall.

Brome County, held at Knowlton, 10th to 14th March, June and November. Clerk, Joseph Lefèbvre.

Shefford County, held at Waterloo, 6th to 10th March, June and November. Clerk, John Brill Lay.

Missisquoi County, (2d), held at Bedford, 28th to 31st January, May and October. Clerk, Thomas Capsey.

ST. HYACINTHE DISTRICT.

St. Hyacinthe Circuit, held at St. Hyacinthe, 22nd to 27th January, March and October. Clerk, Louis G. De Lorimier.

Rouville County, held at Marieville, 1st to 5th March, June and November. Clerk, F. H. Gatién.

IBERVILLE DISTRICT.

Iberville Circuit, held at St. Johns, 7th to 12th March, June and November. Clerk, François H. Marchand.

Napierville County, held at Napierville, 20th to 24th March, June and November. Clerk, Antoine Merizzi.

BEAUHARNOIS DISTRICT.

Beauharnois Circuit, held at Beauharnois, 7th to 12th February, May and October. Clerk, Louis Beaudry.

Chateauguay County, held at Ste. Martine, 25th to 29th February, May and October. Charles Mentor Lebrun.

Huntingdon County, held at Huntingdon, 20th to 24th May, and October. Clerk, John Morrison.

GENERAL QUARTER SESSIONS OF THE PEACE.

Chairman: CHARLES J. COURSOL.

A. M. Delisle and W. H. Brehaut, Clerk of the Peace; C. E. Schiller, Deputy Clerk of the Peace; L. D. René Cotret & Chs. Michel Delisle, Clerk.

TERMS.

Montreal: 4th to 14th February, May, August and November.

Quebec: 8th January, 4th April, 4th July and 4th October. Clerk, Pierre A. Doucet.

Three Rivers: 8th January, 4th April, 4th July and 4th October. Clerk, L. U. A. Genest.

Sherbrooke: 8th January, 8th April, 8th July and 8th October. Clerks, Short & Morris.
 Kamouraska: 7th January and 15th July. Clerks, Chalon & Déry.
 Aylmer: 5th April and 5th October. Clerk, H. Driscoll.
 Percé, Gaspé Basin, New Carlisle and Carlton: On the three days following the Circuit Court. Clerks, Wilkie & Harper.

TERMS OF COURTS IN THE DISTRICT OF ST. FRANCIS, 1862.

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Queen's Bench.....		12							20			
Superior Court.....			13-19			13-19			13-19		13-19	
Enquetes S.C.....	23-31	26-28	28-31	23-30	23-31	27-30			27-30	28-31	27-29	29-31
Circuit Courts For District of St. Francis.....			7-12			7-12			8-12		7-12	
Enquetes C.C.....	21-23			9-10		25-26				22-23		
For County of Compton.....		1-5			1-5				1-4			
For County of Richmond at Richmond.....				1-5			1-5					1-5
For County of Richmond at Danville.....	14-17			14-17						14-17		
For County of Stanteads.....	2-7				1-5				1-4		3-6	
Appeals Mon- trials.....			1-9			1-9			1-9			

Hon. E. Short, Judge of the Superior Court.
 John Short & } Prothonotary, Clerk of the Superior Court, of
 L. E. Morris, } the Crown and Peace, and of Circuit Court.
 G. F. Bowen, Sheriff.
 A. G. Woodward, Coroner.
 E. Clerk, High Constable.

LAW COURTS OF UPPER CANADA.

COURT OF QUEEN'S BENCH.

Hon. Sir J. B. Robinson, Bart. Chief Justice.
 " Archibald McLean, }
 " R. E. Burns, } Puisne Judges.

C. C. Small, C. Reporter; Robert in Banc. and Chief Clerk; John Den Registry of Bonds This Court sit

This Court is and Equity, and Queen's Bench at the 2nd Thursday Clerk—The P

Spragge, Vice-gistral and Reiners; G. Henn Ross, Master's

Terms for ex in February a in November, Terms for he June, Septemb ing week.

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L. Heyden, B. Sullivan, of the Proces The Court sists of three of the Queen

Clerks of the Crown a tive counties Deputy Cl be ex-officio ties as the p

Law Tern 3rd Monday Michaelmas of the ensui

CIRCUITS.

There are six Circuits, viz.: The Eastern held at Brockville, Perth, Ottawa, L'Orignal and Cornwall; the Midland, held at Picton, Belleville, Cobourg, Peterborough, Whitby and Kingston; the Home held at Owen Sound, Hamilton, Niagara, Merritsville, Milton and Barrié; the Oxford, held at Guelph, Berlin, Stratford, Cayuga, Woodstock, Brantford & Simcoe; the Western, held at Goderich, London, St. Thomas, Chatham, Sandwich and Sarnia; the Toronto or Home Sittings, at Toronto.

HEIR AND DEVISEE COURT.

Commissioners, the Judges of the Superior Courts, and such other persons as may be appointed by commission under the Great Seal. Their duties are to determine claims to lands in Upper Canada, for which no patent has issued from the Crown in favour 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.

SURROGATE COURT.

Judge, S. B. Harrison; Registrar, William J. Fitzgerald, Toronto.

COUNTY COURTS.

Presided over by resident Judge and junior Judge in each county; these Courts possess equity powers.

QUARTER SESSIONS.

Chairman, the County Judge in each county, who, with one or more Justices of the Peace, holds a Court of Quarter Sessions in his county four times a year for trials by jury in cases of larceny, misdemeanor and other offences. Sittings, second Tuesday in March, June, September and December, with power of adjournment.

RECORDER'S COURT.

In the Cities of Toronto, Hamilton and Kingston, 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 confided to the Recorder, Mayor, Aldermen and Police Magistrate of each. The City Sessions are held on the first Monday in January, April, July and November.

DIVISION COURTS.

For the summary disposal of cases by the County Judges. Courts are held once in two months in each division, or oftener, at the discretion of the Judge. The Divisions are established by the Courts of Quarter Sessions. The Jurisdiction of these Courts has been enlarged by the Act of 18 Vic., cap. 125.

INSOLVENT DEBTOR'S COURTS.

The County Judge in each county presides.

DIVISION COURT.

Court House, Adelaide Street east.

George Duggan, jun., Judge; Allan McLean Howard, Clerk; R. W. Lillie, Deputy Clerk; Thomas Metcalfe, William Higgins and James Severs, Bailliffs.

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