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QUO VIVENDUM

WELLESLEY &  
CANADIAN

# WELLESLEY'S ALMANAC

FOR THE YEAR OF OUR LORD

# 1882.



PUBLISHED BY ROBERT WELLESLEY, JUNIOR

AT THE WELLESLEY PRESS, 100, QUEEN STREET, WEST, TORONTO.

PRINTED AND BOUND BY THE WELLESLEY PRESS, TORONTO.

Importers and Dealers in WINDOW SHADERS and PAPER HANGINGS.

Proprietors, Wellington Street, Toronto, Canada.

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15 Victoria Square,

MONTREAL.

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**MILLER'S**

CANADIAN

# FARMER'S ALMANAC

FOR THE YEAR OF OUR LORD



# 1882.

Being the second after Bissextile or Leap Year, and, until the 20th of June, the forty-fifth year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude  $45^{\circ} 23'$  North, and Longitude  $75^{\circ} 43' 22''$  West from the Royal Observatory, Greenwich. Also for the Meridian of Halifax, N.S., in Latitude  $44^{\circ} 39' 20''$ , and Longitude  $63^{\circ} 36' 30''$ . But the Almanac is arranged to serve without essential variation for most parts of the Dominion.

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**MONTREAL.**

**PUBLISHED BY ROBERT MILLER, SON & CO.**

**MANUFACTUR ATIONERS.**

OFFICE OF THE  
*Canadian Farmer's Almanac.*

MONTREAL, December, 1881.

The publishers of this OLD, RELIABLE and STANDARD ALMANAC, with a view to meet the wants of their numerous patrons throughout Canada, have had the matter arranged for the past few years so as to include the Provinces of Ontario, Quebec, New Brunswick and Nova Scotia. There has therefore been a departure from the old and familiar arrangement of the monthly pages. The Ecclesiastical Calendar and Weather Aspects, &c., will now be found at the foot of each month's solar and lunar calculations. The monthly foot notes of sound advice to Farmers have been transferred to pages containing useful information.

ROBERT MILLER, SON & CO.,  
*Publishers*



### CHRONOLOGICAL CYCLES.

Dominical Letter.....	A	Julian Period.....	6595
Golden Number.....	2	Jewish Year, beginning on 30th	
Jewish Lunar Year.....	18	September.....	5842
Epoct or Moon's Age.....	11	Roman Indiction.....	10
Solar Cycle.....	15	Mohammedan Year.....	1399

### MOVABLE FESTIVALS.

Septuagesima Sunday.....	February	5	Low Sunday.....	April	16
Sextagesima ".....	"	12	Rogation Sunday.....	May	14
Quinquagesima.....	"	19	Ascension Day.....	"	18
Ash Wednesday.....	"	22	Whitsunday.....	"	28
Palm Sunday.....	April	2	Trinity Sunday.....	June	4
Good Friday.....	"	7	Corpus Christi.....	"	8
Easter Sunday.....	"	9	Advent Sunday.....	Dec.	3

### HOLIDAYS OBSERVED IN PUBLIC OFFICES.

Circumcision.....	January	1	Queen's Birthday.....	May	24
Epiphany.....	"	6	Corpus Christi.....	June	8
Ash Wednesday.....	Feb.	22	St. Peter and St. Paul.....	"	29
Annunciation of Virgin.....	March	25	Dominion Day.....	July	1
Good Friday.....	April	7	All Saints Day.....	Nov.	1
Easter Monday.....	"	10	Conception of Blessed V. M.....	Dec.	8
Ascension Day.....	May	18			

### BANK HOLIDAYS IN ONTARIO.

Sundays, Christmas Day, New Year's Day, Ash Wednesday, Good Friday, Easter Monday, The Queen's Birthday, Dominion Day, and each day appointed by Royal Proclamation as a General Fast or Thanksgiving Day.

### TO SKELETONIZE LEAVES.

Select well-grown leaves, and examine carefully to see if they are perfect before soaking. Put into an earthenware dish or wooden tub, keep covered with clean water and stand in the sun. In from two to three weeks' time the skin and fleshy part—epidermis and parenchyma—will be found to be pulpy and decayed. Provide yourself with some cards as large, or larger, than any of the leaves, a soft camel's hair brush, as well as one a little stiffer. Gently put a leaf on to a card, and with the soft brush carefully remove the skin on one side. Have ready a pan of clear water, reverse the card in the water and slip it under the leaf so that the other side is uppermost. Brush this to remove the skin, when most of the parenchyma, or fleshy part, will come with it, but if not it may generally be washed out in the water. If this soft brush fails to remove all the green particles adhering to the framework, the hard brush may be used, but with great care. Any brushing action or horizontal motion will surely break the veins, and the use of the stiff brush can only be successful in a perpendicular direction—sort of gentle tapping—to loosen the tissue so that it may be washed out with the soft brush.

ZODIACAL SIGNS.

Aries, the Ram, Head and Face.



ECLIPSES DURING THE YEAR 1882.

There will be two Eclipses during the year 1882, both of the Sun.

I. On the 16th May, total, invisible here.

Astronomical data of this Eclipse:

Eclipse begins	May 16th, 16h 52.5m	in Long. 15° 30' E.	and in Lat. 4° 3' N.
Central Eclipse	" 16th, 17h 54.0m	" 3 13 W.	" " 10 37 N.
Central E. Noon	" 16th, 19h 41.5m	" 63 39 E.	" " 28 38 N.
" ends	" 16th, 21h 19.3m	" 138 52 E.	" " 25 31 N.
Eclipse ends	" 16th, 22h 23.3m	" 120 48 F.	" " 19 0 N.

II. On the 10th November, Annular, invisible here.

Astronomical data of this Eclipse:

Eclipse begins	Nov. 10th, 8h 22.2m	in Long. 141° 16' E.	and in Lat. 2° 38' N.
Central E.	" 10th, 9h 28.8m	" 123 19.6 E.	" " 1 33.6 S.
" at noon	" 10th, 11h 26.4m	" 175 33.8 W.	" " 29 27.2 S.
" ends	" 10th, 13h 15.1m	" 105 45.5 W.	" " 21 17.2 S.
Eclipse ends	" 10th, 14h 21.6m	" 123 51.9 W.	" " 17 43 S.

A transit of the Planet Venus over the disc of the Sun occurs on the 6th of December.

The 1st of January, 1882, is the 2,408,447th day since the commencement of the Julian Period.

The year 1882 begins on Sunday and ends on Sunday.

COMMENCEMENT OF THE SEASONS.

Winter	begins	December 21st, 1881,	7h 42ev,	and lasts,	89d 0h 48m
Spring	"	March 20th, 1882,	8h 30ev,	"	92d 20h 34m.
Summer	"	June 21st,	5h 4ev,	"	93d 14h 32m.
Autum	"	Sept. 23rd,	7h 27mo,	"	89d 18h 4m.
Winter	"	December 22nd,	1h 31mo. trop. year,	365d 5h 49m.	

## NO HORSESHOES.

The argument against horseshoes seemed to me so strong, and the convenience of doing without them so great, that I resolved to try the experiment. Accordingly, when my pony's shoes were worn out, I had them removed, and gave him a month's rest on grass, with an occasional drive of a mile or two on the high road while his hoofs were hardening. The result, at first, seemed doubtful. The hoof was a thin shell, and kept chipping away, until it had worn down below the holes of the nails by which the shoes had been fastened. After this the hoof grew thick and hard, quite unlike what it had been before. I now put the pony to full work, and he stands it well. He is more sure-footed; his tread is almost noiseless; and his hoofs are in no danger from the rough hands of the farrier; and the change altogether has been a clear gain, without anything to set off against it.

The pony was between four and five years old, and had been regularly shod up to the present year. He now goes better without shoes than he ever did with them; and without shoes he will continue to go as long as he remains in my possession.

The use of horseshoes is a sin; they are unnecessary, and "their results are purely evil"; they torture the animal and shorten his life; and the sin carries along with it the curse of being a continual source of worry and expense to his owner. "Fashion" cannot plead effectually in their favor as they detract from action, activity, smartness, and speed. But then, perhaps, "fashion" demands clatter; there is no accounting for taste.

The bearing-rein would be still less needed for a horse which, having no pains in his feet, would not be shifting about, and putting himself into slouching postures at every moment in order to relieve them.

## PRESERVING EGGS.

It is very simple and cheap. Put a good layer of perfectly dry sand in the bottom of the box in which the eggs are to be put. Cover with a layer of eggs, usually laying them on their sides, and then completely cover them with sand. Over this put another layer of eggs, and so on. This is all, "and nothing more." Eggs "put down" in the fall and kept as above described, have been found quite good when used in the following midsummer. They would not have answered very well for eating in the shell, but for using in other ways they were just as good as fresh laid ones.

The sand must be perfectly dry when used, and be kept so. Of course, it must not be allowed to get heated. The frost does not seem to be able to get through the sand to the eggs. The latter must be perfectly covered by the sand. Only eggs that are perfectly fresh must be used.

LED BY A GOOSE.--Andrew Phillips, a well-known citizen, living not very far west, owned a blind horse. A flock of geese occupied the pasture jointly with him. An old gander, seeing the difficulty the horse had to go around, attached himself to the horse, leaving his fellows for that purpose. All day long the gander could be seen going in front of the horse, giving signs of his presence by a constant cackle, the horse following the sound. The gander led the way to the best pasture and to water. A perfect understanding was had between them, and they seemed to know what each wanted. At night the gander accompanied the horse to the stall, sat under the trough, and the horse would occasionally bite off a mouthful of corn and drop it to the ground for his feathered friend, and thus they would share each other's meals. Finally, on one Sunday afternoon, the old horse died. The gander seemed utterly lost, wandering around disconsolately, looking everywhere for his old comrade, refusing food, and at the end of the week he, too, died, although his life had just begun, for a goose will live forty or fifty years.--

1st Month.

JANUARY, 31 Days.

Begins on Sunday.

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon	4	5 40 mo.	6 10 mo.	6 2 mo.	5 52 mo.	5 40 mo.	5 52 mo.
Third Quarter	12	11 29 mo.	10 59 mo.	10 51 mo.	10 41 mo.	10 29 mo.	10 21 mo.
New Moon	19	0 16 ev.	11 46 mo.	11 38 mo.	11 28 mo.	11 16 mo.	11 8 mo.
First Quarter	26	8 26 mo.	2 56 mo.	2 48 mo.	2 38 mo.	2 26 mo.	2 18 mo.

M. Week	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N. S.		The Dominion.	
	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
1 A.	7 41	4 27	4 40	7 35	4 34	7 38	4 30	22 59	12 4 5
2 Mon.	41	27	5 47	35	34	38	30	22 54	4 25
3 Tues.	41	28	6 45	35	35	38	31	22 50	4 53
4 Wed.	41	29	Rises.	35	35	38	32	22 44	5 21
5 Thu.	41	31	7 42	35	37	38	33	22 37	5 45
6 Fri.	40	31	8 39	34	38	37	34	22 30	6 14
7 Sat.	40	32	9 53	34	39	37	35	22 23	6 49
8 A.	7 40	4 33	10 55	7 34	4 40	7 37	4 35	22 15	12 7 6
9 Mon.	39	34	11 57	34	42	36	37	22 4	7 31
10 Tues.	39	35	Morn.	33	43	36	38	21 57	7 55
11 Wed.	39	36	0 53	33	44	36	39	21 48	8 19
12 Thu.	38	37	1 57	33	45	36	40	21 38	8 43
13 Fri.	38	38	2 56	32	46	35	41	21 28	9 5
14 Sat.	38	40	3 52	32	47	35	43	21 18	9 27
15 A.	7 37	4 42	4 43	7 31	4 49	7 35	4 45	21 7	12 9 48
16 Mon.	36	44	5 28	30	50	34	47	20 55	10 5
17 Tues.	35	45	6 15	30	52	33	48	20 44	10 28
18 Wed.	34	47	6 51	29	53	33	50	20 32	10 47
19 Thu.	34	49	Sets.	28	54	32	52	20 17	11 6
20 Fri.	34	50	7 16	27	55	31	53	20 6	11 24
21 Sat.	33	52	8 12	27	57	31	55	19 53	11 41
22 A.	7 32	4 54	9 10	7 25	4 53	7 30	4 57	19 39	12 11 57
23 Mon.	31	55	18 8	25	59	29	58	19 25	12 13
24 Tues.	31	56	11 9	25	5 00	28	59	19 11	12 27
25 Wed.	30	58	Morn.	24	2	28	5 0	18 54	12 41
26 Thu.	29	59	0 14	23	3	27	1	18 40	12 54
27 Fri.	28	5 1	1 22	23	4	26	4	18 26	13 7
28 Sat.	27	2	2 32	21	5	25	5	18 10	13 15
29 A.	7 28	5 3	3 37	7 20	5 7	7 24	5 6	17 54	12 13 29
30 Mon.	25	4	4 34	19	9	22	7	17 39	13 39
31 Tues.	7 24	5 5	5 26	7 13	5 10	7 20	5 8	17 29	12 13 43

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D. Circumcision. 1st Sun. after Christmas.  
 2 Cold New Years with snow.  
 3 Continued cold, not severe.  
 4 Pleasant but still cold.  
 5 Tends to changefulness.  
 6 Epiphany.  
 7 Snow-fall this week.  
 8 1st Sunday after Epiphany.  
 9 Keen frosty weather.  
 10 Snow comes if wind S. W.  
 11 Fair and frosty if N. E.  
 12 Unsettled utterly.  
 13 Cold, chilly winds.  
 14 Rough winds about now.  
 5. 2nd Sunday after Epiphany.

- 15 Calmer than last week.  
 17 Tending to softness.  
 18 Changeable aspects.  
 19 Seasonably cold.  
 20 Wind with snow.  
 21 Snow with wind.  
 5. 3rd Sunday after Epiphany.  
 22 Changing toward thaw.  
 24 Some cold rain & east.  
 25 Conversion of St. Paul.  
 26 Storm foreshowing.  
 27 Hall, snow and wind.  
 28 Continuous storm  
 5. 4th Sunday after Epiphany.  
 30 Month ends very cold  
 31 and blustery.

1982.]

MEMORANDUM FOR JANUARY

7

1 Clear flat 8:30 am snow 12: no snow

2 Cloudy 7:30 - 9:30 am 12: pm after 1:30 pm

3 Clear 0 19 29 92

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11 20, a snow storm today

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Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon .....	8	1 29 mo.	1 9 mo.	1 1 mo.	0 51 mo.	0 39 mo.	0 31 mo.
Third Quarter .....	11	4 15 mo.	3 45 mo.	3 37 mo.	3 27 mo.	3 15 mo.	3 7 mo.
New Moon .....	17	10 31 ev.	10 1 ev.	9 58 ev.	9 42 ev.	9 31 ev.	9 23 ev.
First Quarter .....	24	5 12 ev.	4 42 ev.	4 31 ev.	4 24 ev.	4 12 ev.	4 4 ev.

DAYS.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N.S.		The Dominion.	
	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
M. Week.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1 Wed.	7 21	5 6	6 10	7 17	5 11	7 18	5 9	17 2	12 13 14
2 Thu.	20	7	6 45	18	12	17	10	16 45	14 4
3 Fri.	19	8	Rises.	15	13	16	11	16 27	14 10
4 Sat.	18	9	8 73	13	15	15	12	16 9	14 16
5 A.	7 17	5 10	9 42	7 12	5 16	7 14	5 13	15 57	12 14 21
6 Mon.	15	11	10 47	11	17	12	14	15 33	14 25
7 Tues.	14	13	11 51	9	19	11	16	15 14	14 28
8 Wed.	13	14	Morn.	8	20	10	17	14 55	14 30
9 Thu.	11	16	0 54	7	21	8	19	14 36	14 32
10 Fri.	10	17	1 53	5	23	7	20	14 18	14 33
11 Sat.	8	19	2 47	4	24	5	22	13 57	14 33
12 A.	7 6	5 21	3 33	7 8	5 25	7 8	5 24	13 37	12 14 32
13 Mon.	4	22	4 14	1	27	2	26	13 17	14 30
14 Tues.	3	24	4 48	7 00	28	7 00	23	12 58	14 29
15 Wed.	2	26	5 18	6 58	30	6 59	20	12 36	14 25
16 Thu.	7 00	25	5 57	57	31	57	30	12 16	14 21
17 Fri.	6 59	29	6 17	56	32	56	32	11 54	14 17
18 Sat.	57	31	Sets	54	34	54	34	11 32	14 13
19 A.	6 56	5 32	8 0	6 53	5 35	6 53	5 35	11 12	12 14 6
20 Mon.	55	33	9 0	51	37	51	39	10 60	14 0
21 Tues.	53	35	10 8	50	38	49	38	10 28	14 6
22 Wed.	51	37	11 7	48	40	47	39	10 7	13 45
23 Thu.	49	39	Morn.	46	41	45	41	9 45	13 37
24 Fri.	47	40	0 13	44	42	44	43	9 22	13 28
25 Sat.	46	42	1 20	43	43	42	44	9 0	13 18
26 A.	6 44	5 43	2 19	6 41	5 45	6 41	5 45	8 39	12 12 8
27 Mon.	42	44	3 12	40	46	40	46	8 15	13 59
28 Tues.	6 40	5 46	3 53	6 38	5 47	6 39	5 47	7 53	12 12 45

## CALENDAR, WEATHER ASPECTS, &amp;c.

D.	1 Storm has not much abated.	15 Busy time at Post Office.
	2 Very cold for a few days.	16 Bright sun through frost.
	3 Windy and drifting.	17 Angry-looking clouds.
	4 Somewhat milder.	18 Pro-pect of now.
	5 Septuagesima Sunday.	19 Quinquagesima Sunday.
	6 Changeable.	20 Prepare for fasting.
	7 Nothing remarkable.	21 Shrove Tuesday.
	8 Serene but cold.	22 ASH WEDNESDAY.
	9 Pro-pect of snow.	23 Cold and dull.
	10 High winds and abundance	24 St. Matthias Day.
	11 of drifted snow.	25 Dull and cold.
	12 Sexagesima Sunday.	26 1st Sunday in Lent.
	13 Rather pleasant day.	27 Cold rain West, snow East.
	14 St. Valentine's Day.	28 Changeable.

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MEMORANDUM FOR FEBRUARY.

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28	<i>at 3 PM 47</i>

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon .....	D. 4	h. m. 8 21 ev.	h. m. 7 51 ev.	h. m. 7 48 ev.	h. m. 7 38 ev.	h. m. 7 21 ev.	h. m. 7 13 ev.
Third Quarter.....	12	5 10 ev.	4 40 ev.	4 32 ev.	4 22 ev.	4 10 ev.	4 2 ev.
New Moon .....	19	7 59 mo.	7 20 mo.	7 21 mo.	7 11 mo.	6 59 mo.	6 51 mo.
First Quarter .....	26	9 14 mo.	8 44 mo.	8 36 mo.	8 26 mo.	8 14 mo.	8 6 mo.

DAYS.		Montreal, Q.		The Moon.	Toronto, O.		Halifax, N.S.		The Dominion.	
M	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. a.
1	Wed.	6 37	5 47	4 37	6 37	5 48	6 26	5 48	7 30	12 12 30
2	Thu.	35	45	5 12	36	49	35	49	7 7	12 23
3	Fri.	34	49	5 45	34	50	34	50	6 44	12 15
4	Sat.	32	51	Rises.	32	52	32	52	6 21	11 57
5	A.	6 30	5 53	6 24	6 31	5 53	6 20	5 53	5 58	12 11 43
6	Mon.	28	54	9 29	29	54	28	54	5 35	11 29
7	Tues.	26	55	10 31	27	55	27	55	5 11	11 14
8	Wed.	24	56	11 32	25	57	25	56	4 48	10 59
9	ALU.	22	57	Morn.	24	58	23	57	4 28	10 44
10	PT.	20	6 00	0 30	22	59	21	59	4 1	10 28
11	Sa.	19	1	1 19	20	6 00	19	6 00	3 28	10 12
12	A.	6 17	6 2	2 5	6 19	6 1	6 17	6 2	3 14	12 9 56
13	Mon.	15	4	2 45	17	2	15	8	2 50	9 39
14	Tues.	12	6	3 20	15	4	13	6	2 27	9 22
15	Wed.	11	7	3 50	13	5	11	7	2 30	9 5
16	Thu.	9	9	4 18	11	7	9	9	1 39	8 48
17	Fri.	7	10	4 49	9	8	8	10	1 16	8 30
18	Sat.	5	11	5 11	7	9	6	11	0 52	8 12
19	A.	6 4	6 12	Sets.	6 6	6 10	6 5	6 12	0 28	12 7 74
20	Mon.	2	13	7 57	4	11	3	13	0 5	7 35
21	Tues.	6 00	14	9 4	2	12	1	14	N. 13	7 18
22	Wed.	5 53	16	10 12	6 00	14	5 59	15	0 42	7 0
23	Thu.	56	17	11 20	5 58	15	57	16	1 6	6 42
24	Fri.	54	18	Morn.	56	16	55	17	1 29	6 23
25	Sat.	53	19	0 21	55	17	54	18	1 53	6 5
26	A.	5 51	6 20	1 14	5 54	6 18	5 52	6 19	2 16	12 5 46
27	Mon.	49	22	2 1	52	19	50	21	2 40	5 28
28	Tues.	46	24	3 40	50	20	48	23	3 3	5 9
29	Wed.	44	25	3 15	48	22	46	24	3 27	4 51
30	Thu.	42	26	3 44	46	23	44	25	3 50	4 33
31	Fri.	5 41	6 27	4 14	5 44	6 25	5 42	6 26	4 18	12 4 14

## CALENDAR, WEATHER ASPECTS, &amp;c.

- 1 St. David's Day.  
 2 Rough and raw day.  
 3 Not much better.  
 4 Disagreeable day.  
 5 2nd Sunday in Lent.  
 6 Wintry weather continues.  
 7 Changeable but not warm.  
 8 Unsettled days, cold nights.  
 9 Sleet, cold rain and snow.  
 10 Unpleasant under foot.  
 11 Rough-h day.  
 12 3rd Sunday in Lent.  
 13 12th St. Gregory.  
 14 Much warmer day.  
 15 Some rain in the West.  
 16 Quebec will have snow.  
 17 St. Patrick's Day.  
 18 Glistening sun on snow.  
 19 4th Sunday in Lent.  
 20 Quite mild considering.  
 21 Steadily moderate.  
 22 Changes approach.  
 23 Very unsettled.  
 24 High winds and rains.  
 25 Annunciation of Blessed Virgin Mary.  
 26 5th Sunday in Lent.  
 27 Snow in the East, rain West.  
 28 Cold damp.  
 29 Considerable frost again.  
 30 Nothing remarkable.  
 31 Unpleasant day.



- 1 *rainy hrs all day 49° to 21°*
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- 9 *25 cloudy w. 2 PM began to snow*
- 10 *26° " snow clear off at noon (10) 12*
- 11 *" "*
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- 30 *fine day but thin*
- 31 *do do do do*

RECORDED & INDEXED  
APR 11 1882

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon .....	D. 3	h. m. 1 28 ev.	h. m. 0 58 ev.	h. m. 0 50 ev.	h. m. 0 49 ev.	h. m. 0 25 ev.	h. m. 0 20 ev.
Third Quarter.....	11	2 12 mo.	1 42 mo.	1 34 mo.	1 24 mo.	1 12 mo.	1 4 mo.
New Moon.....	17	5 20 ev.	4 50 ev.	4 42 ev.	4 32 ev.	4 20 ev.	4 12 ev.
First Quarter.....	25	2 37 mo.	2 7 mo.	1 59 mo.	1 49 mo.	1 37 mo.	1 29 mo.

M. Week.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N. S.		The Dominion.	
	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1 Sat.	5 39	6 29	4 46	5 42	6 27	5 40	6 25	4 36	12 3 00
2 A.	5 37	6 30	5 15	5 40	6 28	5 38	6 29	4 59	12 3 33
3 Mon.	5 35	6 31	Rises.	5 38	6 29	5 36	6 30	5 23	12 3 20
4 Tues.	5 33	6 31	9 23	5 36	6 30	5 34	6 31	5 45	12 3 2
5 Wed.	5 32	6 32	10 22	5 34	6 31	5 33	6 32	6 8	12 2 44
6 Thur.	5 30	6 34	11 19	5 32	6 32	5 31	6 33	6 31	12 2 27
7 Fri.	5 28	6 35	Morn.	5 31	6 33	5 29	6 34	6 53	12 2 10
8 Sat.	5 27	6 36	0 5	5 29	6 35	5 28	6 35	7 16	12 1 52
9 A.	5 25	6 37	0 45	5 27	6 36	5 26	6 36	7 38	12 1 35
10 Mon.	5 23	6 38	1 21	5 25	6 37	5 24	6 37	8 0	12 1 19
11 Tues.	5 21	6 40	1 53	5 24	6 38	5 23	6 38	8 22	12 1 2
12 Wed.	5 19	6 42	2 21	5 22	6 39	5 20	6 41	8 44	12 0 46
13 Thur.	5 18	6 43	2 47	5 20	6 40	5 19	6 42	9 6	12 0 31
14 Fri.	5 16	6 44	3 12	5 19	6 41	5 17	6 43	9 28	12 0 14
15 Sat.	5 15	6 45	3 39	5 17	6 43	5 16	6 44	9 49	Morn.
16 A.	5 14	6 46	4 12	5 16	6 44	5 15	6 45	10 11	11 59 45
17 Mon.	5 12	6 47	4 45	5 14	6 45	5 14	6 46	10 42	11 59 31
18 Tues.	5 10	6 49	Sets.	5 12	6 46	5 12	6 47	10 53	11 59 17
19 Wed.	5 8	6 50	9 1	5 11	6 47	5 10	6 48	11 14	11 59 3
20 Thur.	5 6	6 52	9 56	5 9	6 49	5 8	6 50	11 34	11 58 50
21 Fri.	5 5	6 53	11 4	5 8	6 50	5 7	6 51	11 55	11 58 37
22 Sat.	5 3	6 54	11 54	5 6	6 51	5 5	6 52	12 16	11 58 25
23 A.	5 1	6 55	Morn.	5 4	6 52	5 3	6 53	12 35	11 58 13
24 Mon.	5 00	6 56	0 38	5 3	6 53	5 2	6 54	12 56	11 58 2
25 Tues.	4 58	6 58	1 14	5 1	6 55	4 59	6 56	13 14	11 57 51
26 Wed.	4 57	6 59	1 47	5 00	6 56	4 58	6 57	13 31	11 57 41
27 Thur.	4 56	7 00	2 18	4 58	6 57	4 57	6 59	13 53	11 57 31
28 Fri.	4 54	7 01	2 48	4 56	6 58	4 55	7 00	14 12	11 57 23
29 Sat.	4 52	7 03	3 20	4 55	6 59	4 53	7 01	14 31	11 57 13
30 A.	4 50	7 05	3 56	4 53	7 01	4 51	7 03	14 49	11 57 5

## CALENDAR, WEATHER ASPECTS, &amp;c.

- |   |  |
|---|--|
| <p>D. 1 ALL FOOL'S DAY, so-called.<br/>         2 3/4 Sunday in Lent.<br/>         3 Not a pleasant day.<br/>         4 Dull and cloudy.<br/>         5 Cold rains and wind.<br/>         6 Stormy and unsettled.<br/>         7 GOOD FRIDAY.<br/>         8 Very fine day.<br/>         9 EASTER SUNDAY.<br/>         10 Easter Monday.<br/>         11 Easter Tuesday.<br/>         12 Sun shines brightly.<br/>         13 Continues fine.<br/>         14 Considerable frost.<br/>         15 The wind rises.</p> | <p>16 1st Sunday after Easter.<br/>         17 Soft and spring-like.<br/>         18 Preparing for spring work.<br/>         19 A poor look out down East.<br/>         20 An agreeable change.<br/>         21 Continues fine.<br/>         22 Sun rises dull.<br/>         23 ST. GEORGE'S DAY. 2nd S. after Easter.<br/>         24 A pleasant day.<br/>         25 St. Mark the Evangelist.<br/>         26 Regular gales on the coast.<br/>         27 Clearing up for fair.<br/>         28 Very fine day.<br/>         29 Look out for spring birds.<br/>         30 3rd Sunday after Easter.</p> |
|---|--|

No.	Day	Wind	Temp.	Bar.	Humid.	Clouds	Remarks
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1882  
 MEMORANDUM FOR APRIL  
 13

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon.....	D. 8	h. m. 4 12 mo.	h. m. 8 42 mo.	h. m. 8 84 mo.	h. m. 8 24 mo.	h. m. 8 12 mo.	h. m. 8 4 mo.
Third Quarter.....	10	8 17 mo.	7 47 mo.	7 39 mo.	7 29 mo.	7 17 mo.	7 8 mo.
New Moon.....	17	8 14 mo.	2 44 mo.	2 36 mo.	2 26 mo.	2 14 mo.	2 6 mo.
First Quarter.....	24	8 22 ev.	7 52 ev.	7 44 ev.	7 34 ev.	7 22 ev.	7 14 ev.

DAYS.		Montreal.		The Moon.	Toronto, O.		Halifax, N.S.		The Dominion.	
M.	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Mon.	4 48	7 6	4 31	4 52	7 2	4 50	7 4	15 7	11 56 00
2	Tues.	47	8	4 56	51	4	49	6	15 25	56 50
3	Wed.	46	9	Rises.	50	5	48	7	15 48	56 43
4	Thur.	45	10	9 50	49	6	47	8	16 0	56 37
5	Fri.	43	11	10 35	47	7	45	9	16 18	56 31
6	Sat.	41	12	11 15	45	8	42	10	16 35	56 25
7	A.	4 39	7 14	11 47	4 44	7 9	4 42	7 11	15 51	11 56 23
8	Mon.	38	15	Morn.	43	10	41	12	17 8	56 18
9	Tues.	37	14	0 19	42	11	40	13	17 24	56 14
10	Wed.	36	18	0 45	41	12	39	15	17 39	56 11
11	Thur.	34	19	1 14	39	14	37	16	17 55	56 9
12	Fri.	33	20	1 40	38	15	35	13	18 10	56 7
13	Sat.	32	21	2 9	37	16	34	19	18 25	56 6
14	A.	4 30	7 23	2 40	4 35	7 17	4 33	7 20	18 40	11 56 23
15	Mon.	28	24	3 19	34	18	31	21	18 54	56 6
16	Tues.	27	25	4 4	33	19	30	21	19 8	56 6
17	Wed.	26	26	Sets.	32	20	29	22	19 23	56 7
18	Thur.	25	27	8 52	31	21	28	24	19 35	56 9
19	Fri.	24	28	9 47	30	22	27	25	19 49	56 12
20	Sat.	23	29	10 33	29	23	26	26	20 1	56 14
21	A.	4 22	7 30	11 14	4 25	7 24	4 25	7 27	20 13	11 56 19
22	Mon.	21	31	11 48	27	25	24	28	20 25	56 22
23	Tues.	21	33	Morn.	27	27	24	30	20 38	56 27
24	Wed.	20	34	0 23	26	28	23	31	20 43	56 32
25	Thur.	20	34	0 53	25	28	23	31	20 59	56 37
26	Fri.	19	35	1 24	25	29	22	32	21 9	56 44
27	Sat.	18	36	2 2	24	30	21	33	21 19	56 50
28	A.	4 16	7 37	2 33	4 23	7 30	4 20	7 33	21 29	11 56 57
29	Mon.	16	38	3 12	23	31	20	34	21 34	57 5
30	Tues.	15	39	3 53	22	32	19	35	21 47	57 13
31	Wed.	4 14	7 40	4 48	4 21	7 33	4 18	7 36	21 56	11 57 21

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D.  
 1 St. Philip and St. James.  
 2 Pleasant spring day.  
 3 Warm and balmy.  
 4 Changeable.  
 5 Cool rains about now.  
 6 Continuing to-day.  
 8 4th Sunday after Easter.  
 8 Backward spring early.  
 9 Western Ontario farming.  
 10 Warm and pleasant.  
 11 Rain and wind.  
 12 Changeable—dull.  
 13 Damp and cool.  
 15 Rogation Sunday.  
 16 Monday in Rogation week.

- 16 Tuesday in Rogation Week.  
 17 Rogation Wednesday.  
 18 ASCENSION DAY.  
 19 St. Dunstan's Day.  
 20 Warm sunny day.  
 21 Sunday after Ascension.  
 22 Thunder and rain.  
 23 Windy and stormy.  
 24 THE QUEEN'S BIRTHDAY.  
 25 A beautiful day.  
 26 St. Augustine.  
 27 Exceedingly warm.  
 S. W. SUNDAY.  
 29 Excellent farming time.  
 30 Hay prospects good.  
 31 No change yet.

day.

1882.]

MEMORANDUM FOR MAY.

16

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24 *Junia's birth day today from the 9<sup>th</sup> Jan*  
 25 *my birth day 90 year old today.*

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	1	4 15 ev.	3 45 ev.	3 27 ev.	3 27 ev.	3 15 ev.	3 7 ev.
Third Quarter.....	8	0 51 ev.	0 21 ev.	0 13 ev.	0 8 ev.	11 51 mo.	11 43 mo.
New Moon.....	15	2 15 ev.	1 45 ev.	1 37 ev.	1 27 ev.	1 15 ev.	1 7 ev.
First Quarter.....	23	1 42 ev.	1 12 ev.	1 4 ev.	0 54 ev.	0 42 ev.	0 34 ev.

M. Week.	DAYS.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N. S.		The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
1	Thur.	4 14	7 40	Rises.	4 21	7 34	4 18	7 35	22 4	11 57 30
2	Fri.	14	41	9 12	21	35	18	37	22 12	57 39
3	Sat.	14	42	1 47	21	35	18	38	22 30	57 49
4	A.	4 13	7 43	10 18	4 20	7 36	4 17	7 39	22 27	11 57 58
5	Mon.	18	49	10 45	20	36	17	39	22 34	58 9
6	Tues.	12	44	11 18	19	37	16	40	22 40	58 19
7	Wed.	12	45	11 39	19	38	16	41	22 46	58 30
8	Thur.	11	46	Morn.	19	39	16	41	22 52	58 41
9	Fri.	11	46	0 8	19	39	16	42	22 57	58 53
10	Sat.	11	47	0 35	18	40	15	43	23 1	58 4
11	A.	4 11	7 47	1 12	4 18	7 40	4 15	7 43	23 6	11 59 17
12	Mon.	11	48	1 53	18	41	15	44	23 10	59 28
13	Tues.	11	49	2 43	18	42	15	45	23 13	59 40
14	Wed.	11	49	3 40	18	42	15	45	23 16	59 53
15	Thur.	11	49	4 48	18	43	15	46	23 19	Even
16	Fri.	11	50	Sets.	18	43	15	46	23 22	12 0 18
17	Sat.	11	51	9 8	18	44	15	47	23 25	0 31
18	A.	4 11	7 51	9 46	4 18	7 44	4 15	7 47	23 25	12 0 34
19	Mon.	11	51	10 30	18	44	15	47	23 26	0 57
20	Tues.	11	51	10 52	18	44	15	47	23 26	1 10
21	Wed.	11	51	11 23	18	44	15	48	23 27	1 23
22	Thur.	12	52	11 55	19	45	15	48	23 26	1 39
23	Fri.	12	52	Morn.	19	45	16	48	23 26	1 49
24	Sat.	12	52	0 32	19	45	16	48	23 25	2 2
25	A.	4 12	7 52	1 11	4 19	7 45	4 16	7 48	23 23	12 2 15
26	Mon.	13	52	1 54	19	45	16	48	23 22	2 28
27	Tues.	14	52	2 43	20	45	17	48	23 19	2 40
28	Wed.	14	52	3 38	21	45	18	48	23 17	2 53
29	Thur.	14	52	4 35	21	45	18	48	23 14	3 5
30	Fri.	4 15	7 53	Rises.	4 22	7 45	4 19	7 48	23 10	12 3 17

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D.  
 1 Pleasant, not over warm.  
 2 Changeful to heat.  
 3 Very warm dry.  
 4 TRINITY SUNDAY.  
 5 St. Barnabas.  
 6 Considerable heat.  
 7 Thunder and lightning.  
 8 CORPUS CHRISTI; PETE DIES.  
 9 Cool after the storm.  
 10 Quite a pleasant day.  
 11 1st Sunday after Trinity.  
 12 11th St. Barnabas.  
 13 Moderately warm.  
 14 A fine summer's day.  
 15 Rather too warm.

- 16 Lower tempera ure.  
 17 St. Alban's, Martyr.  
 18 2nd Sunday after Trinity.  
 19 Quite cool for the season.  
 20 Clear and fair.  
 21 Warm with thunder.  
 22 Cyclone out West.  
 23 Central On arlo calm.  
 24 St. John Baptist.  
 25 3rd Sunday after Trinity.  
 26 A fine summer's day.  
 27 No change as yet.  
 28 Last days of June stormy.  
 29 St. Peter's Day.  
 30 Storm with wind.

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14 <sup>70</sup>

15 <sup>at 3 50</sup> 50 at thunder storm being seen

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19 70 cloudy at 1 1/2 thunder storm

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23 50 - fine at 3 50

24 70

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Moon's Phases.		Halifax.	Quebec.	Montreal	Kingston.	Toronto.	London.
Full Moon .....	D. 1	h. m. 1 50 mo.	h. m. 1 20 mo.	h. m. 1 12 mo.	h. m. 1 2 mo.	h. m. 0 50 mo.	h. m. 0 42 mo.
Third Quarter.....	7	5 34 ev.	5 4 ev.	4 56 ev.	4 46 ev.	4 34 ev.	4 26 ev.
New Moon.....	15	2 43 mo.	2 18 mo.	2 5 mo.	1 55 mo.	1 43 mo.	1 35 mo.
First Quarter.....	23	5 50 mo.	5 20 mo.	5 12 mo.	5 11 mo.	4 59 mo.	4 5 mo.
Full Moon.....	31	9 43 mo.	9 18 mo.	9 5 mo.	8 55 mo.	8 43 mo.	8 35 mo.

M.	Week.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N.S.		The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun or Meridians
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Sat.	4 16	7 52	8 20	4 28	7 44	4 19	7 48	23 6	12 8 20
2	A.	4 17	7 51	8 49	4 24	7 44	4 20	7 48	23 2	12 8 40
3	Mon.	17 51	9 17	9 17	24 44	29 48	22 57	8 51		
4	Tues.	17 50	9 40	24 44	21 48	22 52	4 43			
5	Wed.	18 50	10 9	25 44	22 47	22 47	4 13			
6	Thur.	19 50	10 35	26 43	23 47	22 41	4 1			
7	Fri.	20 49	11 8	27 43	24 47	22 35	4 38			
8	Sat.	21 49	11 45	28 42	24 46	22 28	4 2			
9	A.	4 21	7 48	Morn.	4 28	7 42	4 25	7 46	22 21	12 4 1
10	Mon.	22 48	0 29	29 41	25 45	22 14	6 0			
11	Tues.	22 47	1 22	29 41	26 45	22 6	5 8			
12	Wed.	23 47	2 24	30 40	27 44	21 57	5 16			
13	Thur.	24 47	3 24	31 40	28 44	21 49	5 23			
14	Fri.	25 46	4 50	32 40	30 43	21 40	5 30			
15	Sat.	26 45	5 52	33 39	31 42	21 31	5 40			
16	A.	4 27	7 44	8 13	4 34	7 38	4 32	7 41	21 21	12 5 42
17	Mon.	28 44	8 49	35 37	33 40	21 11	5 48			
18	Tues.	29 43	9 23	36 37	34 40	21 0	5 55			
19	Wed.	30 42	9 57	37 36	34 39	20 50	5 57			
20	Thur.	30 41	10 32	37 35	35 38	20 39	6 1			
21	Fri.	31 40	11 9	38 34	36 37	20 27	6 4			
22	Sat.	32 39	11 52	39 33	37 36	20 15	6 7			
23	A.	4 33	7 38	Morn.	4 40	7 32	4 35	7 35	20 5	12 6 9
24	Mon.	34 37	0 41	41 31	39 34	19 51	6 11			
25	Tues.	35 36	1 32	42 30	40 33	19 33	6 18			
26	Wed.	36 36	2 29	43 29	41 32	19 25	6 13			
27	Thur.	37 35	3 26	44 29	42 31	19 11	6 12			
28	Fri.	38 33	4 21	45 28	43 30	18 53	6 12			
29	Sat.	39 32	5 15	46 26	44 29	18 43	6 10			
30	A.	4 40	7 30	Rises.	4 47	7 27	4 44	7 28	18 25	12 6 8
31	Mon.	4 42	7 43	4 48	7 24	4 45	7 27	18 14	12 6 6	

## CALENDAR, WEATHER ASPECTS, &amp;c.

- |    |                                |
|----|--------------------------------|
| D. | 8. 6th Sunday after Trinity.   |
| 1  | DOMINION DAY.                  |
| 2  | 5. 4th Sunday after Trinity.   |
| 3  | 2nd Visitation of Virgin Mary. |
| 4  | Exceedingly warm.              |
| 5  | Very sultry day.               |
| 6  | Thunder and lightning.         |
| 7  | Much cooler now.               |
| 8  | But yet quite warm.            |
| 9  | 5th Sunday after Trinity.      |
| 10 | Some wind gale.                |
| 11 | Damage from tornado.           |
| 12 | Strange humid sultriness.      |
| 13 | Moderately warm.               |
| 14 | Cooler and calm.               |
| 15 | St. Swithun's Day.             |
| 16 | 17 Showers occasionally.       |
| 17 | 18 Settled weather.            |
| 18 | 19 Settled weather.            |
| 19 | 20 Settled weather.            |
| 20 | 21 Change and cool.            |
| 21 | 22 Nothing remarkable.         |
| 22 | 8. 7th Sunday after Trinity.   |
| 23 | 24 A very fine day.            |
| 24 | 25 St. James the Apostle.      |
| 25 | 26 Cloudy and showery.         |
| 26 | 27 St. Joseph of Arimathea.    |
| 27 | 28 Warm sunny day.             |
| 28 | 29. Another day hot.           |
| 29 | 9. 8th Sunday after Trinity.   |
| 30 | 30 Month ends warm.            |



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158 rain all day 139.50  
2 688 cloudy storm

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Wm. H. ...  
...

8th Month.

AUGUST, 31 Days.

Begins on Tuesday.

Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	6	11 55 ev.	11 25 ev.	11 17 ev.	11 7 ev.	10 55 ev.	10 47 ev.
New Moon.....	13	4 51 ev.	4 21 ev.	4 13 ev.	4 3 ev.	3 51 ev.	3 43 ev.
First Quarter.....	21	8 35 ev.	8 6 ev.	7 53 ev.	7 45 ev.	7 35 ev.	7 28 ev.
Full Moon.....	28	5 0 ev.	4 30 ev.	4 21 ev.	4 12 ev.	4 0 ev.	3 52 ev.

M.	Week.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N. S.		The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Tues.	4 44	7 28	8 12	4 50	7 22	4 47	7 25	17 59	12 5 40
2	Wed.	4 46	7 26	8 41	5 1	7 21	4 48	7 24	17 44	5 59
3	Thur.	4 47	7 25	9 10	5 2	7 20	4 49	7 23	17 28	5 54
4	Fri.	4 48	7 24	9 44	5 3	7 19	4 50	7 22	17 13	5 49
5	Sat.	4 49	7 23	10 23	5 4	7 18	4 51	7 21	16 56	5 43
6	A.	4 50	7 22	11 11	5 55	7 17	4 52	7 20	16 41	12 5 37
7	Mon.	5 1	7 20	Morn.	5 56	7 16	4 53	7 19	16 26	5 30
8	Tues.	5 2	7 18	0 7	5 57	7 15	4 54	7 18	16 6	5 23
9	Wed.	5 3	7 17	1 12	5 58	7 14	4 55	7 17	15 49	5 15
10	Thur.	5 4	7 16	2 24	5 59	7 13	4 56	7 16	15 32	5 6
11	Fri.	5 5	7 15	3 37	6 1	7 12	4 57	7 15	15 14	4 57
12	Sat.	5 7	7 14	4 47	6 2	7 11	4 58	7 14	14 56	4 47
13	A.	5 8	7 13	5 5	6 3	7 10	4 59	7 13	14 38	12 4 37
14	Mon.	5 9	7 12	6 18	6 4	7 9	5 0	7 12	14 19	4 28
15	Tues.	5 10	7 11	7 32	6 5	7 8	5 1	7 11	14 1	4 18
16	Wed.	5 11	7 10	8 48	6 6	7 7	5 2	7 10	13 42	4 8
17	Thur.	5 12	7 9	9 6	6 7	7 0	5 3	7 9	13 23	3 54
18	Fri.	5 13	7 8	9 44	6 8	6 59	5 4	7 0	13 3	3 47
19	Sat.	5 14	7 7	10 26	6 9	6 57	5 5	6 59	12 44	3 32
20	A.	5 15	6 59	11 27	6 11	6 55	5 9	6 57	12 24	12 3 10
21	Mon.	5 16	6 58	Morn.	6 12	6 54	5 10	6 56	12 4	2 56
22	Tues.	5 17	6 57	0 23	6 13	6 53	5 11	6 55	11 44	2 41
23	Wed.	5 18	6 56	1 19	6 14	6 52	5 12	6 54	11 24	2 30
24	Thur.	5 19	6 55	2 16	6 15	6 51	5 13	6 53	11 3	2 11
25	Fri.	5 20	6 54	3 13	6 16	6 50	5 14	6 52	10 42	1 54
26	Sat.	5 21	6 53	4 7	6 17	6 49	5 15	6 51	10 22	1 38
27	A.	5 22	6 52	4 59	6 18	6 48	5 16	6 50	10 1	12 1 21
28	Mon.	5 23	6 51	5 44	6 19	6 47	5 17	6 49	9 40	1 4
29	Tues.	5 24	6 50	6 30	6 20	6 46	5 18	6 48	9 18	0 46
30	Wed.	5 25	6 49	7 13	6 21	6 45	5 19	6 47	8 57	0 28
31	Thur.	5 26	6 48	7 46	6 22	6 44	5 20	6 46	8 35	0 10

## CALENDAR, WEATHER ASP-CTS, &amp;c.

1	Lammas Day.	16	A rala storm with wind.
2	Weather beautiful.	17	Thunder and lightning.
3	Warm, but not extreme.	18	Unsettled day.
4	Cloudy and changeable.	19	Cool and pleasant.
5	Some thunder	20	11 1/2 Sunday after Trinity.
6	9th Sunday after Trinity.	21	Prospects are good for
7	6th, Transfiguration of Our Lord.	22	a week of good harvest
8	Very fine to-day.	23	weather, East and West.
9	Very fine to-day.	24	St. Bartholomew's Day.
10	St. Lawrence's Day.	25	Warm day, cool night.
11	Rather unsettled.	26	Warm day, cool night.
12	Changeable very.	27	12 h Sunday after Trinity
13	10th Sunday after Trinity.	28	St. Augustine's Day.
14	A	29	St. John Baptist beheaded.
15	Continues fine.	30	A pleasant day.
		31	Cloudy with showers.

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Moon's Phases.	Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Third Quarter.....	D. 4 9 8 mo.	h. m. 8 39 mo.	h. m. 8 30 mo.	h. m. 8 20 mo.	h. m. 8 8 mo.	h. m. 8 0 mo.
New Moon.....	12 8 40 mo.	8 10 mo.	8 2 mo.	7 52 ev.	7 40 mo.	7 32 mo.
First Quarter.....	20 9 9 mo.	8 39 mo.	8 31 mo.	8 21 mo.	8 9 mo.	8 1 mo.
Full Moon.....	27 0 52 mo.	0 22 mo.	0 14 mo.	0 4 mo.	11 52 mo.	11 44 mo.

M. Week.	DAYS.		The Moon.		Toronto, O.		Halifax, N.S.		The Dominion.	
	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.	
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. a.	
1	Fri.	5 22	6 38	8 28	5 28	6 36	5 23	6 37	N 8 14	Morning.
2	Sat.	23	36	9 7	25	34	24	35	7 52	11 59 51
3	A.	5 25	6 34	10 0	5 26	6 33	5 26	6 33	7 30	11 59 52
4	Mon.	26	32	11 1	27	31	27	31	7 8	59 13
5	Tues.	27	30	Morn.	28	29	28	29	6 45	58 54
6	Wed.	28	28	0 7	29	27	29	27	6 23	58 31
7	Thur.	30	26	1 17	30	25	30	25	6 1	58 14
8	Fri.	31	24	2 27	31	24	31	23	6 38	57 54
9	Sat.	33	22	3 37	33	22	33	21	6 15	57 33
10	A.	5 34	6 20	4 46	5 34	6 19	5 35	6 20	4 53	11 57 18
11	Mon.	35	18	5 53	35	18	35	18	4 30	56 52
12	Tues.	36	16	Sets.	36	17	37	16	4 7	56 31
13	Wed.	37	14	7 0	37	14	38	14	3 44	56 10
14	Thur.	38	12	7 40	38	13	38	12	3 21	55 49
15	Fri.	39	11	8 26	39	11	39	11	2 58	55 28
16	Sat.	40	9	9 16	40	9	40	9	2 35	55 7
17	A.	5 41	6 7	10 18	5 42	6 7	5 41	6 7	2 11	11 54 46
18	Mon.	42	4	11 9	43	5	42	4	1 49	54 25
19	Tues.	44	2	Morn.	44	3	44	2	1 25	54 4
20	Wed.	45	0 6	0 6	45	2	45	0 0	1 1	53 43
21	Thur.	46	5 59	1 3	46	6 00	46	5 59	0 33	53 22
22	Fri.	47	57	2 1	47	5 58	47	57	N. 0 15	53 1
23	Sat.	48	55	2 55	49	56	48	55	S. 0 8	52 40
24	A.	5 49	5 53	3 49	5 50	5 54	5 49	5 53	0 31	11 52 19
25	Mon.	50	51	4 42	51	52	50	51	0 54	51 59
26	Tues.	52	49	5 26	52	51	52	49	1 19	51 38
27	Wed.	53	47	6 34	53	49	53	47	1 41	51 18
28	Thur.	54	45	Rises.	54	47	54	45	2 5	50 58
29	Fri.	55	44	7 6	55	46	55	44	2 28	50 35
30	Sat.	5 57	5 43	7 57	5 56	5 44	5 57	5 43	2 51	11 50 18

## CALENDAR, WEATHER ASPECTS, &amp;c.

- |                               |                                |
|-------------------------------|--------------------------------|
| 13. Cool and pleasant.        | 16 Rather dull day.            |
| 2 Rain may be looked for.     | 15. 15th Sunday after Trinity. |
| 3. 18th Sunday after Trinity. | 18 A pleasant day.             |
| 4 Wind and rain.              | 19 Cool and fine.              |
| 5 Weather more steady.        | 20 Look out for frosts.        |
| 6 Cloudy and dull.            | 21 St. Matthew's Day.          |
| 7 Cool and fine.              | 22 Day fine, night cold.       |
| 8 Nativity of Virgin Mary.    | 23 A storm of wind and rain.   |
| 9 Another fine day.           | 24. 16th Sunday after Trinity. |
| 8. 14th Sunday after Trinity. | 25 The day quite calm.         |
| 11 Changeable and cloudy.     | 26 West wind brings rain.      |
| 12 Unsettled season.          | 27 Changeable, dull.           |
| 13 Now again pleasant.        | 28 Cool and pleasant.          |
| 14 Now again pleasant.        | 29 St. Michael and all Angels. |
| 15 No special change.         | 30 Month ends calmly.          |

1882.]

MEMORANDUM FOR SEPTEMBER.

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Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Th	Third Quarter.....	D. 8	h. m. 9 59 ev.	h. m. 9 29 ev.	h. m. 9 21 ev.	h. m. 9 11 ev.	h. m. 8 59 ev.
Ne	New Moon.....	12	1 43 mo.	1 13 mo.	1 5 mo.	0 55 mo.	0 43 mo.
Ft	First Quarter.....	19	7 38 ev.	7 6 ev.	6 59 ev.	6 48 ev.	6 38 ev.
Fu	Full Moon.....	26	10 15 mo.	9 45 mo.	9 37 mo.	9 27 mo.	9 15 mo.

M	DAYS.	Montreal, Q.		The Moon.	Toronto, O.		Halifax, N. S.		The Dominion.	
		Sun Rises.	Sun Sets.	E. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	1 A.	5 58	5 42	8 54	5 53	5 42	5 58	5 42	8 15	11 49 09
2	2 Mon.	6 0	4 40	9 58	6 0	4 40	6 00	4 0	8 38	49 20
3	3 Tues.	1	38	11 6	1	38	1	38	4 1	49 2
4	4 Wed.	2	37	Morn.	2	37	2	37	4 24	48 43
5	5 Thur.	3	35	0 14	3	35	3	35	4 45	48 25
6	6 Fri.	4	33	1 21	4	31	4	33	5 11	48 8
7	7 Sat.	7	31	2 28	6	30	6	31	5 34	47 61
8	8 A.	8 8	5 29	3 35	6 7	5 28	6 7	5 30	5 57	11 47 30
9	9 Mon.	9	26	4 41	8	26	8	28	6 20	47 17
10	10 Tues.	11	24	5 45	9	24	9	26	6 42	47 1
11	11 Wed.	12	22	Sets.	11	22	11	24	7 5	46 49
12	12 Thur.	14	20	6 18	12	23	12	22	7 28	46 31
13	13 Fri.	15	18	7 14	13	20	13	20	7 50	46 17
14	14 Sat.	17	16	8 0	14	18	14	18	8 13	46 3
15	15 A.	6 18	6 11	8 57	6 15	6 17	6 15	5 17	8 13	11 45 51
16	16 Mon.	20	13	9 59	17	16	17	16	8 57	45 57
17	17 Tues.	21	11	10 53	18	14	18	14	9 19	45 25
18	18 Wed.	22	10	11 49	19	13	20	13	9 41	45 18
19	19 Thur.	23	8	Morn.	20	11	21	10	10 3	45 5
20	20 Fri.	25	6	0 44	22	9	22	8	10 24	44 52
21	21 Sat.	26	5	1 38	23	8	23	7	10 46	44 43
22	22 A.	6 37	5 8	2 31	6 24	5 6	6 24	5 5	11 7	11 44 34
23	23 Mon.	28	2	3 28	25	5	26	4	11 25	44 25
24	24 Tues.	30	5 00	4 23	23	3	28	1	11 49	44 18
25	25 Wed.	31	4 59	5 20	25	2	30	5 00	12 10	44 11
26	26 Thur.	32	4 57	6 25	29	5 00	31	4 53	12 30	44 5
27	27 Fri.	34	56	Rises.	30	4 59	33	57	12 51	43 59
28	28 Sat.	36	53	6 46	31	57	34	55	13 11	43 54
29	29 A.	6 37	4 51	7 51	6 32	4 5	6 35	4 53	13 31	11 43 51
30	30 Mon.	38	50	8 58	31	54	36	52	13 51	43 43
31	31 Tues.	6 39	4 49	10 7	6 35	4 53	6 37	4 52	14 10	11 43 45

CALENDAR, WEATHER ASPECTS, &c.

1	D.	16 Another fine day.
2	17	Considerable frost.
3	18	St. Luke the Evangelist.
4	19	Changeable but fair.
5	20	The day not pleasant.
6	21	Much warmer to-day.
7	22	8. 20th Sunday after Trinity.
8	23	Changeable to cold.
9	24	Frost and snow fast.
10	25	St. Crispin's Day.
11	26	Wet weather West.
12	27	Cold and windy.
13	28	St. Simon and St. Jude.
14	29	8 21st Sunday after Trinity.
15	30	Not agreeable for travel.
16	31	Very cool day.

8. 19th Sunday after Trinity.

London  
 h. m.  
 8 51 ev.  
 0 25 mo.  
 6 23 ev.  
 9 7 mo.

London.

Sun on Meridian

h. m. s.

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7	rain at noon 72 hot sun
8	8 at m 76
9	9 <sup>64</sup> / <sub>0</sub> <sup>74</sup> / <sub>0</sub> hot sun
10	10 <sup>64</sup> / <sub>0</sub> noon
11	11 <sup>64</sup> / <sub>0</sub> noon
12	12 <sup>64</sup> / <sub>0</sub> noon
13	13 <sup>64</sup> / <sub>0</sub>
14	14 <sup>64</sup> / <sub>0</sub> <sup>68</sup> / <sub>0</sub>
15	15 <sup>64</sup> / <sub>0</sub> <sup>66</sup> / <sub>0</sub>
16	16 <sup>64</sup> / <sub>0</sub> <sup>66</sup> / <sub>0</sub>
17	at noon 70 cloudy hot sun
18	18 <sup>64</sup> / <sub>0</sub>
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Moon's Phases.		Halifax.	Quebec.	Montreal	King-ton.	Toronto.	London.
Third Quarter.....	D. 2	h. m. 2 39 ev.	h. m. 2 9 ev.	h. m. 2 1 ev.	h. m. 1 51 ev.	h. m. 1 39 ev.	h. m. 1 21 ev.
New Moon.....	10	7 1 ev.	6 31 ev.	6 23 ev.	6 13 ev.	6 1 ev.	5 53 ev.
First Quarter.....	18	4 23 mo.	3 53 mo.	3 45 mo.	3 35 mo.	3 23 mo.	3 15 mo.
Full Moon.....	24	9 34 ev.	9 14 ev.	9 6 ev.	8 56 ev.	8 44 ev.	8 26 ev.

DAYS.		Montreal, Q.		The Moon.	Toronto, O.		Halifax, N.S.		The Dominion.	
M.	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Wed.	6 41	4 47	10 15	6 37	4 51	6 39	4 49	14 30	11 43 42
2	Thur.	42	46	Morn.	38	50	40	48	14 49	43 43
3	Fri.	44	45	0 19	40	49	42	47	15 7	43 42
4	Sat.	45	42	1 23	41	48	43	46	15 26	43 44
5	A.	6 46	4 42	2 28	6 42	4 46	6 44	4 44	15 44	11 42 47
6	Mon.	48	41	3 32	44	45	46	43	16 2	43 50
7	Tues.	49	40	4 35	45	44	47	42	16 20	43 54
8	Wed.	51	38	5 40	46	43	48	41	16 38	43 59
9	Thur.	52	37	6 46	47	42	49	40	16 55	44 5
10	Fri.	54	35	Sets.	49	40	51	38	17 12	44 11
11	Sat.	55	34	6 43	50	39	52	37	17 29	44 19
12	A.	6 57	4 33	7 44	6 52	4 38	6 54	4 36	17 45	11 44 27
13	Mon.	58	32	8 43	53	37	56	34	18 1	44 37
14	Tues.	7 00	30	9 40	54	36	57	33	18 17	44 47
15	Wed.	2	28	10 33	56	34	59	31	18 32	44 58
16	Thur.	3	27	11 28	57	33	7 00	30	18 47	45 10
17	Fri.	4	27	Morn.	58	33	1	30	19 2	45 22
18	Sat.	5	26	0 20	59	32	2	29	19 17	45 36
19	A.	7 7	4 25	1 15	7 1	4 31	7 4	4 28	19 31	11 45 50
20	Mon.	8	24	2 9	2	30	5	27	19 44	46 5
21	Tues.	9	24	3 7	3	30	6	27	19 58	46 11
22	Wed.	10	23	4 7	4	29	7	26	20 11	46 28
23	Thur.	12	22	5 11	6	28	9	25	20 23	46 56
24	Fri.	13	21	6 18	7	27	10	24	20 36	47 13
25	Sat.	14	20	7 23	8	26	11	23	20 48	47 32
26	A.	7 16	4 20	Rises.	7 9	4 26	7 12	4 23	20 59	11 47 52
27	Mon.	17	19	7 54	10	26	13	22	20 10	48 19
28	Tues.	18	18	9 4	11	25	14	22	21 21	48 33
29	Wed.	18	18	10 13	12	25	15	22	21 31	48 55
30	Thur.	7 19	4 18	11 19	7 13	4 25	7 17	4 21	21 41	11 49 50

CALENDAR, WEATHER ASPECTS, &c.

- D.
- 1 ALL SAINTS DAY.
- 2 Rainy season for
- 3 these three days.
- 4 Rainy season for these three days.
- 5 22nd Sunday after Trinity.
- 6 Changeable to cold.
- 7 Heavy wind storm.
- 8 Clouds and rain.
- 9 Quite frosty.
- 10 Considerable snow falls.
- 11 St. Martin's Day.
- 12 23rd Sunday after Trinity.
- 13 Windy and cold.
- 14 Quite wintry day.
- 15 Changeable to wet.

- 16 Very unsettled.
- 17 Snows East, cold.
- 18 Quite a winter's day.
- 19 24th Sunday after Trinity.
- 20 Change to cloudy.
- 21 Dull and damp.
- 22 St. Cecilia's Day.
- 23 St. Clement's Day.
- 24 Snow storm.
- 25 High winds West.
- 26 25th Sunday after Trinity.
- 27 Unsettled and stormy.
- 28 No change to-day.
- 29 A very cold day.
- 30 ST. ANDREW'S DAY.

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Wednesday 1882.]

MEMORANDUM FOR NOVEMBER.

London.

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1 31 ev.  
5 53 ev.  
3 15 mo.  
8 26 ev.

Union.

Run on  
Meridian.

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24	<i>Intercept the Poping Start to day</i>
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Moon's Phases.		Halifax.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Third Quarter..	D. 2	h. m. 10 38 mo.	h. m. 10 8 mo.	h. m. 10 0 mo.	h. m. 9 50 mo.	h. m. 9 38 mo.	h. m. 9 30 mo.
New Moon.....	10	11 19 mo.	10 49 mo.	10 41 mo.	10 31 mo.	10 19 mo.	10 11 mo.
First Quarter...	17	0 20 ev.	11 50 mo.	11 42 mo.	11 32 mo.	11 20 mo.	11 12 mo.
Full Moon.....	24	11 23 mo.	10 53 mo.	10 45 mo.	10 35 mo.	10 23 mo.	10 15 mo.

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N. S.		The Dominion.	
M	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Sun's Declin.	Sun on Meridian
1	Fri.	h. m. 7 21	h. m. 4 17	h. m. Morn.	h. m. 7 14	h. m. 4 24	h. m. 7 18	h. m. 4 20	D. M. 21 50	h. m. 11 49
2	Sat.	22	17	0 22	15	24	19	20	21 59	49 49
3	A.	7 23	4 17	1 25	7 16	4 24	7 20	4 20	22 8	11 50
4	Mon.	24	17	2 29	17	24	21	20	22 16	50 2
5	Tues.	25	16	3 33	18	23	22	19	22 24	50 53
6	Wed.	26	16	4 33	19	23	23	19	22 31	51 18
7	Thur.	27	16	5 36	20	23	24	19	22 38	51 44
8	Fri.	28	16	6 35	21	23	25	19	22 45	52 16
9	Sat.	29	16	Sets.	22	23	26	19	22 51	52 37
10	A.	7 30	4 16	6 29	7 23	4 23	7 27	4 19	22 56	11 53
11	Mon.	31	16	7 28	24	23	28	19	23 1	53 28
12	Tues.	32	16	8 24	25	23	29	19	23 6	54 6
13	Wed.	33	17	9 19	26	24	30	20	23 10	54 28
14	Thur.	34	17	10 11	27	24	31	20	23 14	54 57
15	Fri.	35	17	11 5	28	24	32	20	23 17	55 26
16	Sat.	36	17	Morn.	29	24	33	20	23 20	55 54
17	A.	7 37	4 17	0 19	7 30	4 24	7 35	4 20	23 22	11 56
18	Mon.	37	18	1 23	30	25	34	21	23 24	56 53
19	Tues.	38	18	2 28	31	25	35	21	23 25	57 28
20	Wed.	38	19	3 32	31	26	35	22	23 26	57 53
21	Thur.	38	20	4 35	31	17	35	23	23 27	58 28
22	Fri.	38	20	5 40	31	27	35	23	23 27	58 53
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28	Thur.	40	24	9 40	33	31	37	27	23 16	1 54
29	Fri.	41	25	10 33	33	32	37	28	23 13	2 23
30	Sat.	41	26	11 24	34	33	38	29	23 9	2 53
31	A.	7 41	4 27	Morn	7 34	4 34	7 38	4 30	23 5	12 3 21

CALENDAR, WEATHER ASPECTS, &c.

1 Month begins with cold.	16 Clear wintry day.
2 Frosty winds, snow.	8. 3rd Sunday in Advent.
3. ADVENT SUNDAY.	18 Hard frosts sets in.
4 Rough, wind, snow.	19 Clear, calm, cold.
5 Changeable but yet cold and wintry.	20 Snow if wind S. W.
6 Snow plenty East.	21 St. Thomas Day.
7 Immaculate Conception B. V. Mary.	22 REMEMBER THE POOR.
8 Continuous snow.	23 Very cold fine day.
9. 2nd Sunday in Advent.	8 4th Sunday in Advent.
10 Cold and calm.	25 CHRISTMAS DAY.
11 Calm and cold.	26 St. Stephen's Day.
12 Good sleighing in Quebec.	27 St. John the Evangelist.
13 Not good in W. Ont.	28 Holy Innocents' Day.
14 Wind and cold rain.	29 Considerable snow.
	30 Wind and snow.
	8. Good sleighing for New Year's.

Friday

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10 11 mo  
11 12 mo  
10 15 mo

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Meridian

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## The Royal Family.

### THE QUEEN.

VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen, Defender of the Faith, Empress of India. Her Majesty was born at Kensington Palace, May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV.; was crowned June 28, 1838; and married February 10, 1840, to his late Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward Duke of Kent, son of King George III. The children of Her Majesty are:—

Her Royal Highness VICTORIA-Adelaide Mary-Louisa, PRINCESS ROYAL OF ENGLAND AND GERMANY, born November 21, 1840, and married to his Imperial Highness Frederick William, Crown Prince of Germany, January 25, 1858, and has issue four sons and four daughters.

His Royal Highness ALBERT-EDWARD, PRINCE OF WALES, born November 9, 1841; married March 10, 1863, Alexandra of Denmark (Princess of Wales), born December 1, 1844, and has issue three sons and three daughters.

Her Royal Highness Alice-Maud-Mary, born April 25, 1843, married to H.R.H. Prince Frederick Louis of Hesse, July 1, 1862; died December 14, 1876 and has issue two sons and five daughters.

His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, Earl of Kent and Earl of Ulster, born August 6, 1844; married to the Grand Duchess Marie-Alexandra, and has issue one son and two daughters.

Her Royal Highness Helena Augusta-Victoria, born May 25, 1846; married July 5, 1866, Prince Frederick Christian of Schleswig Holstein, and has issue three sons and two daughters.

Her Royal Highness Louisa-Carolina-Alberta, born March 18, 1848; married March 23, 1871, to the Marquis of Lorne, Governor General of Canada.

His Royal Highness Arthur-William-Patrick-Albert, K. G., born May 1, 1850; married March 13, 1879, to Her Royal Highness Princess Louisa Margaret.

His Royal Highness Leopold-George-Duncan-Albert, born April 7, 1853.

Her Royal Highness Beatrice-Mary-Victoria-Felice, born April 14, 1857.

"Will the coming man fly?" He probably will when the coming woman gets after him.

Said Byron, "I hate a dumpy woman." He meant to say that he hated to see a good thing cut short. That was all.

"I wish I'd lived a hundred years ago," said a farmer as he hobbled along on crutches, "because, a hundred years ago, farmers didn't cut their legs off with mowing machines?"

A crusty old bachelor, not liking the way his landlady's daughter had of using his hair oil, filled his bottle with liquid glue the day before the ball to which the girl was invited. She stayed at home.

**JANUARY.**—Now is the time to consider and mature plans for the management of your farm. We read somewhere, that "manuring with brains" had passed into a proverb. Why? because without careful thought no farm can be well cultivated. A farm life is honorable, and he who brings most skill and care to the cultivation of his estate will bring most honor to himself and most profit also. It is a pity to see how carelessly and thoughtlessly many farmers go about their work. They never think of subscribing for a good periodical, or buying a standard book on agriculture. It is not money wasted, but a good investment. The boys and girls will have more pleasure in their daily toil, when they have good opportunities for thought as well as action.

## DOMINION OF CANADA.

*Seat of Government, Ottawa.*

## GOVERNOR-GENERAL.

His Excellency the Right Honorable Sir John Douglass Sutherland Campbell, Marquis of Lorne, K.T.G., C.A.G., Governor General of the Dominion of Canada and Vice Admiral of the same.

*Deputy Governors to sign Money Warrants.*—Wm. A. Himsforth and E. A. Meredith, LL.D.

## LIEUTENANT GOVERNORS.

Their Honors the Hon. J. B. Robinson, Ontario; Hon. Théodore Robitaille, M.D., Quebec; Hon. Adams G. Archibald, Nova Scotia; Hon. R. D. Wilmot, New Brunswick; Hon. T. H. Haviland Prince Edward Island; Hon. Joseph Cauchon, Manitoba; Hon. David Laird, North-West Territories; Hon. A. N. Richards, British Columbia.

## COMMANDING HER MAJESTY'S FORCES IN BRITISH NORTH AMERICA.

Major General Sir Patrick Macdougall.

## PRIVY COUNCIL.

Minister of the interior, RIGHT HON. Sir John A. Macdonald, P.C., K.C.B.; minister of finance, Hon. S. L. Tilley, C. B.; minister of railways and canals, Hon. C. Tupper, C.B.; minister of public works, Hon. H. Langevin; minister of agriculture Hon. J. H. Pope; president of Privy Council, Hon. L. R. Masson; minister of Justice, Hon. James Macdonald; postmaster general, Hon. John O'Connor; minister of Militia, Sir A. Campbell, K.C.M.G.; minister of Customs, Hon. M. Bowell; minister of Marine, Hon. J. O. Pope; secretary of State, Hon. J. C. Aikens; minister of Inland revenue, Hon. L. F. G. Baby.

## CHIP DIRT FOR TREES.

The great value of "chip dirt" for spreading around young and newly set fruit trees, imparting to them double vigor in growth, is simply the benefit derived from good mulching. Decayed chips, leaf mould and dried muck are all quite similar in their nature, and as they tend strongly to hold the moisture in the soil below, and cannot form a crust on the surface, they are well fitted for the purpose. It is probable that frequent stirring the surface of the soil about the trees would answer nearly the same purpose; but as planters generally neglect this stirring, or perform it in an inefficient manner, while the action of the decayed vegetable matter cannot be hurt by neglect, it has a special advantage over other modes of treating the young trees.

**FEBRUARY.**—Improvements are made every year in implements of husbandry and labor-saving machines. It is well to know what is going on in these lines. You cannot implicitly receive as fast all that the agents may tell you, but you may compare what they say with your own experience and observation. And you will find it greatly to your advantage to procure from reliable sources catalogues and descriptions of tools and various implements with all the numerous improvements. In Ontario we know there are many farmers who have found pleasure and profit in the study of these things, and so also in some parts of Quebec. But there are many, far too many, who go on farming from year to year just as their fathers and grandfathers did. The result is not good, and we recommend change and progress.

## PROVINCE OF QUEBEC.

*Seat of Government, Quebec.*

## LIEUTENANT GOVERNOR.

His Honor the Honorable Theodore Robitaille; Thomas Chapais, private secretary and Captain Sheppard, aide-de-camp; Walter Lennan, messenger.

## EXECUTIVE COUNCIL.

Hon. J. A. Chapleau, Q.C., premier, commissioner of agriculture and public works.

Hon. L. O. Loranger, attorney general.

Hon. J. G. Robertson, treasurer.

Hon. E. T. Paquet, Provincial secretary and registrar.

Hon. J. J. Ross, speaker Legislative Council.

Hon. E. J. Flynn, commissioner of Crown Lands.

Hon. W. W. Lynch, solicitor general.

## OFFICERS.

F. Fortier, clerk of the Executive Council; G. Grenier, deputy clerk; O. Vallée, messenger.

## PROVINCE OF ONTARIO.

*Seat of Government, Toronto.*

## LIEUTENANT GOVERNOR.

His Honor the Hon. J. B. Robinson.

*Private Secretary.*—J. B. Robinson, Jr.

## EXECUTIVE COUNCIL.

Attorney general, hon. Oliver Mowat, Q.C.; Provincial Treasurer, hon. S. C. Wood; Commissioner of Public works, hon. C. F. Fraser, Q.C.; Provincial secretary, hon. A. S. Hardy, Q.C.; commissioner of Crown lands, hon. T. B. Pardee, Q.C.; Minister of Education, hon. Adam Crooks, Q.C.; clerk of Executive Council, J. G. Scott, Q.C.

"Pat," said a gentleman who is fond of using high-sounding phraseology to his man of all work. "I am going to town at 10 o'clock, and shall weed out the cucumber beds in the interim." "Interim?" thought Pat. "That's a mighty queer name for a garden, anyhow!" "Is Mr. Smith at home?" asked a visitor who called shortly afterward. "Yis, sorr; ye'll find him at work in his interim there beyant," announced Pat.

**MARCH.**—In recommending change, we are not in favor of hasty change in any thing relating to agricultural industry. There may be fashions in farming, and the tendency to follow the fashions may not be profitable. It is better to wait sometimes and watch the effects of changes which some may have made. Experimenting is good within certain limits, but even success in one instance, or even many, may not be a sure guide for you, because of differences in soil, climate and other conditions, all of which have to be carefully considered. It is time for some to make a complete change, for their work is slavery without profit. Old methods and old seeds on a depreciated soil will not pay. Change speedily, but take care to change reasonably; that is, fully consider what you are doing or going to do.

## PROVINCE OF NOVA SCOTIA.

*Seat of Government, Halifax.*

## LIEUTENANT GOVERNOR.

His Honor Hon. Adams G. Archibald, P.C., C.M.G.

## EXECUTIVE COUNCIL.

Hon. S. H. Holmes, Provincial secretary and premier; Hon. J. S. D. Thompson, Attorney general; hon. Saml. Creelman, commissioner of public works and mines; members without office, hon. C. J. Townsend, hon. N. W. White, hon. J. S. McDonald, hon. C. J. Macdonald, hon. H. F. McDougall, hon. W. B. Troop, and hon. John F. Stairs.

## PROVINCE OF NEW BRUNSWICK.

'His Honor the Hon. R. D. Wilmot, Q.C.,  
Lieutenant-Governor of the Province of New Brunswick.  
A. F. Street, Esq., *Aide-de-camp.*

## EXECUTIVE COUNCIL.

Hon. ROBERT YOUNG, *President.*

Hon. John James Fraser, attorney-general; hon. William Wedderburn, Provincial secretary; hon. Pierre Landry, commissioner of public works; hon. Michael Adams, surveyor general; hon. Benjamin R. Stevenson, hon. J. Herbert Crawford, Auditor general; hon. W. E. Perley, hon. Daniel L. Hanington, hon. Robert Marshall.

## PROVINCE OF PRINCE EDWARD ISLAND.

## LIEUTENANT GOVERNOR.

His Honor S. H. Haviland.  
Private secretary, Eustace Haviland, Esq.

## EXECUTIVE COUNCIL.

Hons. W. A. Sullivan, Neil McLeod, Donald Ferguson, John Lefurgey, Samuel Howse, William Campbell, Peter Gavin, J. O. Arsenault, Joseph Wightman.

A quack, on feeling a patient's pulse, said: "I suppose you consider me a humbug." To which the patient responded: "How odd it is that you can tell a person's thoughts so accurately by just feeling his pulse."

**APRIL.**—It greatly depends on the characteristics of the past winter, as to what most needs attention this month. If it has been an open winter, it is quite necessary that you look well after your cellars and pits where vegetables and fruits have been laid away. Ventilation is at all times necessary, but especially if the weather outside be mild. It is a proper time now to look after the potatoe pits or pits. You will need the best for planting, and these should be carefully selected. But for food you will find profit in examining how matters have stood for some time past. Look over the whole. Cast out the bad, or the good will become bad. For the wise, the counsel to forethought is not necessary, but, as the wise are the few, we suggest to the thousands who read our Almanac to look ahead and prepare for the future.

## PROVINCE OF BRITISH COLUMBIA.

*Seat of Government, Victoria, V. I.*

## LIEUTENANT GOVERNOR.

Hon. A. N. Richards.

## EXECUTIVE COUNCIL.

Hon. G. A. Walkem, premier, president of the Council, attorney general, chief commissioner lands and works.

Hon. T. B. Humphreys, Provincial secretary; hon. R. Beaven, minister of finance.

## PROVINCE OF MANITOBA.

*Seat of Government, Fort Garry.*

## LIEUTENANT GOVERNOR.

Hon. Joseph Cauchon.

Private Secretary, Jos. Cauchon, Jr.

## EXECUTIVE COUNCIL.

Hon. J. Norquay, premier; D. W. Walker, Attorney General; C. P. Brown, minister of public works; Hon. M. A. Girard, provincial secretary; Maxime Goulet, minister of agriculture.

## WHAT IS FARMING ?

It is something more than staying on a farm. It is something more than skinning and skimming the soil. It is something more than selling hay and potatoes and bulky crops unanimalized. Farming is a business, a profession, a practical and scientific operation whereby the soil is used for profit and improved under the operation. The processes of nature must be understood and worked in harmony with the chemistry of the earth and air. The processes of the elements must be understood, if not in their technical terms and language, in that sensible understanding, that common sense way, that their advantage and capabilities may be turned to best accounts. The lawyer works by law and precedent, the physician works by symptoms and indications, the merchant by rules and observations, the mechanic by measures and capacities. The farmer must work by all—by rules, laws, observation and experiment. He must be a practical lawyer, doctor, merchant and mechanic of the vegetable, the animal, the trade world about him. He must be a skilled workman and a master workman in the productive, operative and the commercial circles in which his business lies and his sphere of speculation extends.

A placard in the cars of a Coney Island railroad reads: "Dangerous passengers are forbidden to stand on the platforms or steps or put their limbs outside of cars when the same are in motion."

A country girl coming from a morning walk was told she looked as fresh as a daisy kissed by the dew. To which she innocently replied: "You've got my name right—Daisy; but his isn't Dew!"

The red calico petticoats which are now the rage for the country will sorely distress and disturb the cows, who, it may be recollected, have something of a prejudice against that color. But in introducing fashions and styles how few of us consult the likes and dislikes of the cow, the horse, the mule, or any other animal



## NORTH WEST TERRITORIES.

*Seat of Government, Battleford.*

LIEUTENANT GOVERNOR.

Hon. David Laird.  
Amédée Forget, Clerk of Council.

## NEWFOUNDLAND.

Newfoundland is a sufficient post office address for all the following:

## GOVERNOR AND COMMANDER-IN-CHIEF.

His Excellency Sir John Hawley Glover, G.C.M.G.  
Private Secretary, Henry M. Jackson, R. A.  
Colonel, aide-de-camp, Edward L. Jarvis, Fred. Crowdy, M.B.

## EXECUTIVE COUNCIL.

Hon. Wm. V. Whiteway, Q.C., attorney general, premier; hon. James J. Rogerson, receiver general; hon. Edward D. Shea, Colonial secretary and clerk of Executive Council; hon. Wm. J. S. Donnelly, surveyor general, and hon. Jas. S. Winter.

## HOW TO RAISE TURKEYS.

Two to four hens and one gobbler are sufficient, and two to three-year-old fowls better than younger or older ones. When they begin to lay, watch them and find their nests, which are generally made in some obscure place. Remove the eggs as fast as they are deposited in the nest, and put a chicken hen's egg in for a nest-egg. When she lays out her number, which is usually from fifteen to twenty, and begins to set, remove her at night to a point near the dwelling, having prepared a setting place in a barrel turned down on the side and straw therein. Fasten the mouth up for a day and night, so she cannot get out. The following day remove the fastening, and if she goes back to her old nest, take her at night and fasten her up again for twenty-four or thirty hours. By this time she will become accustomed to her new and convenient quarters, and you will not suffer from the depredations of crows or egg thieves. Never put more than seventeen turkey eggs with a turkey hen, nor more than twelve turkey eggs with a chicken hen. Some poultry-raisers prefer to have all their turkeys hatched with chicken hens; but my experience is that the young do better when reared by their natural mother. While your eggs are accumulating, keep them in a box or basket in a dark place, with an old woollen cloth under and over them. Handle them very gently and turn them over in the basket every few days. Last year I had forty-nine out of fifty eggs to hatch when managed as above stated, and raised forty-three of them. When the eggs are all hatched, fasten the hen up in a sheltered pen, so the little things can get in and out at pleasure, and where the wind and rain cannot reach them on the west and north sides. Keep them in this way until they are three or four weeks old, and then they can shift for themselves and will be as hardy as any fowl. Until they are about a month old they are the tenderest of all domestic birds. Feed them on curds, and let them have plenty of buttermilk to drink, with now and then cooked corn-bread, with a little salt and some Cayenne pepper mixed before cooking; and give them wheat screenings occasionally. Feed them regularly night and morning, and they will always come home to roost, after feeding in the field for a quarter of a mile around the house all day. When one-third grown, nothing is better to feed them than whole grains of corn; but generally even this is not necessary, as grasshoppers and other insects are their choice food.

## RATES OF POSTAGE.

LETTERS ADDRESSED FROM OR TO PLACES IN CANADA AND UNITED STATES.

3 cents per  $\frac{1}{2}$  ounce.

CITY, OR DROP LETTERS FOR CITY DELIVERY.

1 cent per  $\frac{1}{2}$  ounce.

Postage rates must in every case be prepaid by postage stamp. When posted wholly unpaid they cannot be forwarded, but will be sent to the Dead Letter Office. Insufficiently paid letters on which a full rate of postage is paid will be forwarded charged, with double the deficient postage, except letters to the United States.

### POST CARDS.

Post Cards are issued at one cent each, and may be sent to any address in Canada, Newfoundland, or United States. Post bands can be obtained at the rate of \$1.25 per hundred. Post Cards are also issued at two cents each for transmission to the United Kingdom and European countries.

### RE-DIRECTED LETTERS.

*To any Place in Canada, the United States and Postal Union Countries.*

Re-directed letters will be forwarded without any additional charge if not taken from the office, or if handed back at the moment of their delivery, but if taken from the office and subsequently re-posted they become subject to a new rate of postage, in default of which they will be sent to the Dead Letter Office, Ottawa.

Notices of change of residence or requests to forward correspondence are acted upon only THREE months, unless renewed before the expiration of that period.

### MIS-DELIVERED CORRESPONDENCE.

The public are respectfully requested to endorse and promptly return any letters which may have been mis-delivered owing to similarity of names, incomplete addresses or from any other cause.

### MATTER WHICH CANNOT BE FORWARDED THROUGH THE POST.

Any explosive substance, glass, liquids or other matter likely to entail risk or injury to the ordinary contents of the Mail, will be sent to the Dead Letter Office, Ottawa.

Letters containing gold or silver money, jewels or precious articles, or anything liable to Customs duties, cannot be forwarded by Post to any of the Postal Union countries.

**BOILING POTATOES AND MEAT.**—Potatoes any time of the year can be made mealy if boiled in salt and water and drained, and then covered with a thick towel and left in back of the range five minutes. To retain the color of any vegetable plunge it into cold water after boiling. Cooks make the mistake of boiling things too much. After reaching the boiling point meats should simmer. The toughest meats can be made tender by so doing. It is always best to under-season rather than over-season food. When anything is accidentally made too salt, it can be counteracted by adding a tablespoonful of vinegar and a tablespoonful of sugar. Meats of any kind should not be washed, but wiped with a towel to preserve their juices and quality.

## TRANSMISSION OF SPECTACLES AND EYE-GLASSES BY MAIL.

The exclusion of glass from the mails is so far modified, that spectacles and eye-glasses, if securely put up in cases not likely to allow the contents to escape if broken in course of conveyance, may be sent by Post within the Dominion on pre-payment of the above parcel post rates.

## CIRCULARS PRINTED BY THE ELECTRIC PEN, &amp;c.

The term "*printed circulars*" is extended to include circulars produced by the electric pen or other mechanical process, easy of recognition by the officers of the Post Office, as well as when printed by the ordinary process of printing type, engraving, or lithography.

## REGISTERED LETTERS.

Letters intended to be registered when addressed to places in Canada or Newfoundland must be prepaid by stamp, 2 cents each; to the United States, 5 cents each, in addition to the postage rate.

It will be observed that all classes of matter can be registered to the United States.

All letters for Registration should be posted 15 minutes before the hour of closing ordinary Mails, and 30 minutes before closing of English Mails.

Registered letter stamps have been issued of the denomination of 2, 5 and 8 cents, which may be obtained at the usual places.

## NEWSPAPERS AND PERIODICALS.

*Newspapers and Periodicals Addressed to Places in Canada, Newfoundland, Great Britain (by Canadian) Steamers, or via the United States.*

Printed and published in Canada, and posted from the office of publication or News Agency, to actual subscribers or news agents (including exchanges) are subject to a rate of one cent per pound, gross weight, which must be prepaid by publisher at the time of posting. Such periodicals must be issued not less frequently than once per month. Newspapers for England will be sent to subscribers at the same rate.

## TRANSIENT NEWSPAPERS AND PERIODICALS ADDRESSED TO PLACES IN CANADA, NEWFOUNDLAND AND UNITED STATES.

On all newspapers and periodicals other than those from the office of publication, including all newspapers and periodicals published less frequently than once a month, the postage rate is one cent per 4 ounces in weight, which must be prepaid by postage stamp.

Newspapers and periodicals weighing less than one ounce may be posted singly; if prepaid by postage stamp, one half cent each.

Newspapers from office of publication posted for City Delivery are not delivered by Letter Carrier unless prepaid one cent each by stamp.

Newspapers and periodicals published in the United Kingdom, and reposted by news agents to regular subscribers, are not liable to any additional postage.

An experience of fifteen years' breeding polled cattle has taught me that horn are not only a dangerous appendage, but too expensive. I can keep an increase of 20 per cent of polled cows over cows with horns, same in size, on the same pasture or fodder, and the polled ones will keep in the best condition. There is not a single objection to polled cattle that will bear investigation. The peace and quiet and comfort to be enjoyed by the breeding and keeping and caring for a herd of cattle without horns can be known only by experience. A man that would beat a sword into a plough-share or a spear into a pruning-hook would with equal propriety knock the horns off his herd.

## PARCEL POST RATES WITHIN THE DOMINION.

The rates, to be prepaid by postage stamp, on parcels posted in Canada for destinations within the Dominion to which parcels can be sent are as follows:—

For each parcel weighing not less than 4 ozs.....	6 cents.
For do exceeding 4 ozs., and not exceeding 8 ozs....	12 cents.
For each additional 4 ozs., or fraction of ozs.....	6 cents.

Parcels intended to pass through the Mails should not exceed 5 pounds in weight or 24 inches in length or 12 inches in breadth, and should be marked "by parcel post." Parcels may be Registered by affixing a 5 cent Registered Letter Stamp thereto, in addition to the Postage.

## MISCELLANEOUS POSTAL MATTER.

Books and pamphlets, printed circulars, prices current, handbills, book and newspaper manuscript, printers' proofs, maps and prints, engravings, sheet music, photographs, insurance policies, militia and school returns, seeds, cuttings, bulbs, roots, legal papers, for Canada, Newfoundland and the United States, may be posted prepaid by stamp at 1c. per 4 oz., provided they be sent in covers open at the ends or sides, and so put up as to admit of the contents being, if necessary, easily withdrawn for examination; if enclosed with written communications, or in sealed envelopes notched at the ends or sides, letter rate of postage will be charged.

The weight of packages of seeds, cuttings, bulbs, roots, scions or grafts, is limited to 24 oz. Packages of other miscellaneous matters are limited to 4 pounds in weight, 24 inches in length and 12 inches in breadth or depth.

Post bands, with an impressed one cent stamp for this purpose, may be obtained at any Stamp Agency at the rate of 4 for 5 cents.

**VENTILATE YOUR CLOSETS.**—Soiled undergarments or the wash-clothes should not be put into a closet, ventilated or not ventilated. They should be placed in a large bag made for the purpose, or a roomy basket, and then put in a well-aired room at some distance from the family. Having thus excluded one of the fertile sources of bad odors in closets, the next point is to see that the closets are properly ventilated. It matters not how clean the clothing in the closet may be; if there is no ventilation that clothing will not be what it should be. Any garments after being worn for a while will absorb more or less of the exhalations which arise from the body, and thus contain an amount of foreign—it may be hurtful—matter, which free circulation of pure air can soon remove.

**CABBAGE.**—The reason why cabbage disagrees with you is, the cabbage is not cut thin across the fibre as it ought to be, and not from point to root. It is boiled in too small a saucepan, has not plenty of fast-boiling water to roll about in, or not enough salt and soda have been used, and the cabbage has been boiled too long till it has become a soft brown disagreeable mass or "mush,"—in this state it is a poison. Cabbage cut in rounds across the fibre and boiled in plenty of fast-boiling water with two ounces of salt and soda of filbert size, boiled for fifteen minutes, strained, and the water well pressed from it, comes to table bright in color, a little crisp, and sweet as a nut to taste and smell. In this state it is most wholesome and delicious; but if it has been allowed to stand in the water even for a minute after it is quite done the cabbage loses all its delightful taste and has a strong, unpleasant odor.

**MAY.**—There is a good deal of talk in the Province of Quebec about the Beet-root, and the making of sugar therefrom. At present, for us it is an experiment which we hope may succeed. If, as we know, it is a good investment in parts of New York State, why not here? We are told that the sugar takes nothing from the soil, or, in other words, is no tax upon the land, because the residuum, or pulp, after the expression of the juice is returned to the farm for feeding stock. In this way a larger stock of cattle may be kept, much manure produced, and the farm steadily benefited by the crop. Profitably to raise the beet root, however, there are conditions indispensable. These are deep tillage, high tillage and clean tillage. And these not for one season only, but always. Failure will follow the neglect of these conditions for any season.

## PATTERN AND SAMPLE POST.

## CANADA.

Patterns and samples of merchandise, not exceeding 24 ounces in weight, when posted in Canada for places within Canada or Newfoundland, must be prepaid by postage stamp at the rate of one cent per 4 ounces weight, and put up in such manner as to admit of inspection. Goods sent in an execution of an order, however small the quantity may be, or articles sent by one private individual to another, not being actually Trade Patterns or Samples, are not admissible as such.

## UNITED STATES.

Patterns and samples of merchandise posted for places in the United States will continue to be subject to the special rate of 10 cents each prepaid by postage stamp, and must not exceed 8 ounces in weight.

## BEAR THIS IN MIND.

Register all valuable letters, and use sealing wax for letters containing money. Transmit money by money orders.

Make complaints and inquiries in writing.

Preserve and request correspondents to preserve envelopes of missent or delayed letters.

**HOUSEHOLD HINTS.**—Grease spots may be removed from linen, by putting a good quantity of soda into the water in which it is washed. From silk or woollen goods there is no more effectual method than the old one, of placing a sheet of thick, soft brown paper over the spot, passing a hot iron over it, and quickly lifting the paper, on which the grease will be found absorbed. Paint spots should be rubbed first with a sponge dipped in turpentine, and afterward with a clean cloth from the circumference to the centre, that the spot may not spread. A weak solution of ammonia will generally eradicate fruit stains.

**NOSE-BLEED.**—The treatment in such a case is simple but effective. Withdraw the blood to the feet and hands by placing them in hot water. In many cases this alone will bring relief. If not, apply hot flannel cloths to the back of the neck and the head behind the ears, and cold, wet linen cloths or cloths in which ice is folded, over the nostrils, eyes and forehead. We have never failed in producing immediate relief by this means. Snuffing of cold water is also excellent. Plugging the nostrils with cotton batting is a last resort, but we have never found it necessary when the hot and the cold are properly employed. If the patient has been eating heartily, a fast for a meal or two is excellent treatment.

BEER may not make you fat, but an overdose will make you lean—up against something.

Some people can invent awful mean slurs. When the Jenkins girl was whaling away at the piano and pestered the next door neighbor, the next door neighbor came out on the steps, listened to the noise a minute, looked up at the Jenkins girl's mother, who was at the window, and said, "Got plumbers at work in your house, haven't you?" No wonder those families don't speak now.

**JUNE.**—We are always pleased to see a good clean vegetable and flower garden in connection with a good farm. As to the first, our seasons are so short that a variety of useful vegetables may not secure the attention they should have. After sowing or planting they are frequently choked with weeds, and scarcely ever recover the bad effects of neglect. But a good garden well cared for *will pay*. Asparagus, beans, peas, carrots, cabbages and cauliflowers are all desirable products. So are parsnips, onions, turnips and tomatoes. Spare or steal a little time for these articles. As to flowers, we have been told they don't pay. In one sense they may not, but we beg to say that in another they do pay, and we are glad to observe in the country, as well as in the city, increased attention and care in the cultivation of choice flowers. Young ladies may find healthy exercise in looking well to the flower beds.

Send to the Post Master envelopes of letters about which you seek information or make complaint.

Business men should be careful to authorize but a limited number of persons to receive their letters, and only those in whom they have full confidence.

#### MONEY ORDERS.

Every money order office in the Province of Quebec, Ontario, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba and British Columbia issues money orders on every other money order office in these Provinces, as well as on every money order office in the United Kingdom. Every money order office in the United Kingdom also issues money orders on every money order office in these Provinces.

All the money order Post Offices are authorized to draw money orders on each other for any sum up to \$100, and for as many orders of \$100 each as the applicant may require, upon the following terms, viz.,

On orders up to \$4.....	2 cents.
“ “ \$10 .....	5 “
“ over \$10 and up to \$20.....	10 “
“ over \$20 “ \$40.....	20 “
“ over \$40 “ \$60.....	30 “
“ over \$60 “ \$80.....	40 “
“ over \$80 “ \$100.....	50 “

#### MONEY ORDERS ON THE UNITED KINGDOM.

The money order offices throughout the Dominion also draw upon all the money order offices in England, Ireland and Scotland, and the Channel Islands, for any sum up to £10 sterling, and grant as many orders for £10 sterling each as may be needed to make up the amount to be remitted.

The terms are as under:

On orders up to £2.....	25 cents.
“ over £2 and up to £5 .....	50 “
“ over £5 “ £7 .....	75 “
“ over £7 “ £10.....	1.00 “

#### MONEY ORDERS ON THE LOWER PROVINCES.

The money order offices in Canada draw also upon all money order offices in Newfoundland. Orders like those of the United Kingdom are made payable in sterling money, and for sums up to £10 sterling. The terms are:

For orders up to £5, 25 cents.

“ over £5 and up to £10, 50 cents.

No half cents can be introduced into orders.

ORDERS ON BRITISH INDIA.—On orders up to £2, 30 cents; over £2 and up to £5, 60 cts.; over £5 and up to £7, 90 cts.; over £7 and up to £10, \$1.20.

ORDERS ON UNITED STATES.—On orders up to \$20, 25 cts.; on orders up to \$40, 50 cts.

**JULY.**—During this month there is generally a press of work, but you must not permit such pressure to allow any negligence in the care of animals. They are speechless, but, unless they have plenty of food and a sufficiency of pure water, they will speak very distinctly in the failure of flesh or milk. Shelter animals from extreme heat as much as possible. Sheep should have change of pasture. They will thrive better. A large field will not graze so many as several small ones of the same aggregate size. Sheep should have salt at least once a week. Pigs will benefit by being allowed the run of a good clover stubble. If shut up in yards or pens, bed them if possible in clean dry sand several inches deep. This is better than any kind of litter. Pigs are too much neglected, or allowed to forage for themselves. It is a bad practice, and you will find it advantageous to give them more care.

No money order exceeding \$100 in amount can be granted in any office in Canada; but Postmasters are at liberty to grant two or more orders for \$100, or for any lesser sum. They cannot, however, grant two or more orders for sums of or under \$30 on the same day to the same applicant in favor of the same payee.

POST OFFICE SAVINGS BANK.

1. The direct security of the Dominion is given by the Statute for all deposits made in the Post Office Savings Banks.

2. Any person may have a deposit account, and may deposit nearly any number of dollars, from \$1 up to \$300, or more, with the permission of the Postmaster General.

3. Deposits may be made by married women, and deposits so made, or made by women who shall afterwards marry, will be repaid to any such women.

4. As respects children under ten years of age, money may be deposited—

FIRSTLY—By a parent or friend as trustee for the child, in which case the deposits can be withdrawn by the trustee until the child shall attain the age of ten years, after which time repayment will be made only on the joint receipts of both trustee and child.

SECONDLY—In the child's own name—and, if so deposited, repayment will not be made until the child shall attain the age of ten years.

5. A depositor in any of the savings bank post offices may continue his deposits at any other of such offices without notice or change of pass book, and can withdraw money at that savings bank office which is most convenient to him. For instance, if he makes his first deposits at the savings bank at Cobourg, he may make further deposits at, or withdraw his money through, the post office bank at Collingwood or Quebec, Sarnia, Brockville, or any place which may be convenient to him, whether he continue to reside at Cobourg or remove to some other place.

6. Each depositor is supplied with a pass book, which is to be produced to the postmaster every time the depositor pays in or withdraws money, and the sums paid in or withdrawn are entered therein by the postmaster receiving or paying the same.

7. Each depositor's account is kept in the post master general's office, in Ottawa, and in addition to the postmaster's receipts in the pass book, a *direct acknowledgment from the postmaster general for each sum paid in* is sent to the depositor. If this acknowledgment does not reach the depositor within ten days from the date of his deposit, *he must apply immediately to the postmaster general, by letter, being careful to give his address and, if necessary, renew his application until he receives a satisfactory reply.*

8. When a depositor wishes to withdraw money, he can do so by applying to the postmaster general, who will send him by return mail a cheque for the amount, payable at whatever savings bank post office the depositor may have named in his application.

9. Interest at the rate of 4 per cent. per annum is allowed on deposits, and the interest is added to the principal on the 30th June in each year.

10. Postmasters are forbidden by law to disclose the name of any depositor, or the amount of any sum deposited or withdrawn.

Let us enjoy the fugitive hour. Man has no harbor, time has no shore, it rushes on and carries us with it.

Nothing makes the earth seem so spacious as to have friends at a distance; they make the latitudes and longitudes.

Nature makes us poor only when we lack necessities, but custom gives the name of poverty to the want of superfluities.

Wise men are instructed by reason; men of less understanding by experience; the most ignorant by necessity; and brutes by nature.

Despotism can no more exist in a nation until the liberty of the press be destroyed than the night can happen before the sun is set.

11. No charge is made to depositors on paying in or drawing out money, nor for Pass Books, nor for postage on communications with the Postmaster General in relation to their deposits.

12. The Postmaster General is always ready to receive and attend to all applications, complaints or other communications addressed to him by depositors or others, relative to Post Office Savings Bank business.

13. A full statement of the Regulations of the Post Office Savings Bank may be seen at the nearest Post Office.

#### THE STAMP ACTS.

These Acts impose a duty on every promissory note, draft, or bill of exchange not exceeding \$25, 1 cent; not exceeding \$50, 2 cents; less than \$100, 3 cents; not less than \$100, if executed singly, 3 cents per \$100, or fraction thereof; if executed in duplicate, 2 cents per \$100, or fraction thereof on each part; if executed in more than two parts, 1 cent per \$100 or fraction thereof on each part.

Any interest payable with note at maturity must be counted as part thereof. The duty is to be paid by *bill stamp*, on which the date is to be written. Bank notes, cheques and money orders are exempt. These Acts impose heavy penalties for violation.

#### TOO MANY TECHNICAL PHRASES.

"I liked your sermon very much to-day, with a single exception," said a worthy pastor to a minister who had occupied his pulpit a portion of the Sabbath.

"Well, what was the exception?"

"I think you used rather too many technical phrases."

"Did I? I didn't think of it."

"You repeatedly spoke of drawing inferences. Now that was Greek to many hearers."

"Oh, no. Most every one, of course, knows what we mean by drawing an inference."

"You are mistaken, brother, as sure as you live. I do not believe one-half of my congregation would understand the phrases."

"You certainly cannot be right."

"I am. Now there's Mr. Smith"—pointing out a man just turning the corner—"who is quite an intelligent farmer. We will overtake him, and I will ask him if he can draw an inference, and I do not believe that he will understand me."

Accordingly the two ministers quickened their pace, and as they came up to the said Mr. Smith his pastor said to him, "Brother Smith, can you draw an inference?"

Brother Smith, thus summarily interrogated, looked at his pastor for some fifteen seconds, quite surprised, and then rather hesitatingly said:—"Well, I suppose I could. I've got a pair of horses that can draw anything to which they are hitched. But I shouldn't like to on Sunday."

AN IRISH "HOLDING."—Irate Sportsman: "Confound it, you've shot the dog! I thought you told me you could hold a gun?" Pat: "Shure, and so I can, your honor. It's the shot, sorr, *I couldn't hold!*"

**AUGUST.**—Concerning the beet sugar industry, with zeal, capital and perseverance much may be accomplished. An old French farmer says: "Since the manufacture of beet sugar was introduced, the arrondissement of Valenciennes has produced 1,157,750 bushels of wheat, and has fattened 11,500 oxen." A farm of 832 acres in France, the product of which with the ordinary farming amounted to \$8,000 per annum, with six years of beet sugar cultivation produced \$41,200 per annum. Another farm of 295 acres produced 5,225 bushels of wheat, 2,500 tons of beets, and fattened 150 head of cattle, per annum. Farms are improved, stock is increased, lands increase in value, and wages go up in proportion. It is said also that the milk and butter from cows fed on the pulp of the beet are better flavored. Everybody will, therefore, desire the success of the beet sugar manufacture now being established in Canada.



[1882.]

[1882.]

COURTS.

PROVINCE OF QUEBEC.

COURT OF QUEEN'S BENCH.—17th to 27th of every month, except January, July and August.

COURT IN APPEAL AND ERROR.—Montreal, 11th to 22nd March, June, September and December; Quebec, 1st to 8th March, June, September and December.

CROWN SIDE.—Quebec, 27th April and 27th October; Montreal, 24th March and 24th September; Three Rivers, 23rd March and 23rd September; Sherbrooke, 6th March and 1st October; Kamouraska, 23rd March and 18th December; Aylmer, 21st January and 1st July; Percé, 13th March and 13th August; New Carlisle, 13th January and 13th September; Arthabaskaville, 19th February and 19th October; Beauce, 20th June and 20th October; Montmagny, 25th March and 25th November.

TERMS.

MONTREAL.—Hochelaga, Jacques Cartier, Laval, Vaudrenil, Soulanges, Laprairie, Chambly, Vercheres and City of Montreal. Held at Montreal 1st May to 30th June, 1st September till 20th December.

QUEBEC.—Portneuf, Quebec, Montmorenci, Levis, Lotbiniere and City of Quebec. Held at Quebec, from 1st to 5th of every month, except January, July and August.

OTTAWA.—Ottawa and Pontiac. Held at Aylmer, from 13th to 19th February, June and November.

THREE RIVERS.—Maskinongé, St. Maurice, including City of Three Rivers, Champlain and Nicolet. Held at Three Rivers, from 17th March to 22nd of June, September and December.

IVY IN THE HOUSE.

Perhaps everybody knows everything about the ivy, but I have been so very successful with mine that I would like to have my experience avail for others if they need it. I have been bolder with mine than most people, for I have bared the roots, then potted it often. It is now nearly four years old, and has seven stalks, some of them five and six yards long. It is the small leaved variety, with white, strongly marked veins. It seems never to have stopped growing, and one stalk only has lost any leaves; the leaves are close together and abundant. I have but a small place for it, and resolved that I would not shift it from smaller to larger pots as many do, but give it plenty of fresh food in a smallish pot. I bare the roots, sometimes wash them, every spring and fall, and refill the pot, which is seven inches in diameter, with quite rich earth. It stands beside a south window in winter, where it gets no direct rays of the sun except in the afternoon; in summer, in a northwest piazza. The heat of the room in winter is from a coal-stove in an ordinary living-room. I keep the earth quite moist all the time, as I think that suits most vines. I have never seen an insect upon it.—

SEPTEMBER.—Perhaps it is true that the number of persons who have this year gone into our grand North-West territories is not so great as was anticipated. Many statements have been made respecting the Government and other regulations for the sale of land that had a very discouraging effect. As the real regulations become better known and the chances of cheap purchase, the emigration will increase. As intimated in former issues, we are not going to recommend all our young people to rush off to the North-West. But if they must go, then go for the purpose of farming. Don't go to speculating, don't go hunting for some Government employment, don't go expecting to find gold on every lot, but go to work and then the gold will come; enough for present purposes. But, again we say that there is abundance of good land in the Province of Quebec, which can be had on reasonable terms.

## CIRCUIT COURTS.

JURISDICTION FOR SUMS NOT EXCEEDING \$200.

**MONTREAL DISTRICT.**—Montreal Circuit, Montreal, 10th to 15th of every month; except January, July and August.

**QUEBEC DISTRICT.**—Quebec Circuit Court, 16th to 21st January and June and 20th to 25th of every month, except July and August.

**THREE RIVERS DISTRICT.**—Three Rivers Circuit, Three Rivers, 22nd to 27th March, June, September and December.

**OTTAWA DISTRICT.**—Ottawa Circuit, Aylmer, 7th to 12th February, June and November.

Ottawa County (2nd), Papineauville, 7th to 10th January, May and September.

Ottawa County Circuit. Held at Buckingham, 19th and 20th January, May and September.

## PROVINCE OF ONTARIO.

**COURT OF ERROR AND APPEAL.**—Constituted for the hearing of appeals in civil cases from the Courts of Queen's Bench, Chancery and Common Pleas, and appeals in criminal cases from the Courts of Queen's Bench and Common Pleas. From the judgment of this Court an appeal lies to the Supreme Court of Canada, in cases over \$4,000, or where annual rent, fee, or future pleas and appeals in Criminal cases from the Courts of Queen's Bench and rights of any amount are affected.

**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, and it may proceed in such, by such process and course as are provided by law.

**COURT OF COMMON PLEAS.**—This Court has the same powers and jurisdiction as a Court of Record, as the Court of Queen's Bench. Writs of summons and capias issue alternately from either Court.

**COURT OF CHANCERY.**—This Court has the like jurisdiction as the Court of Chancery in England, in case of fraud, accident, trust, executors, administrators co-partnerships, account, mortgages, awards, dower, infants, idiots, lunatics and their estates, waste, specific performance, 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.

**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 \$200; 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 be \$400; and to all bail bonds and recognizances of bail given in the County Court, to any amount; but not to cases involving the title to lands, validity of wills, or actions for libel, slander, crim. con. or seduction.

**SUBROGATE 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 Ontario, and all matters arising out of or connected with the grant or revocation of probate or administration, subject to an appeal to the Court of Chancery.

That virtue which depends on opinion, looks to secrecy alone, and could not be trusted in a desert.

Talent becomes feebler as an artist grows old, but facility may be retained and even augmented.

A masterpiece of art has in the mind a fixed place in the chain of being as much as a plant of crystal.

Do a mean act in a mean way; so it will have a keener sting—for your own breast. But better not do it.

**COURT OF GENERAL SESSIONS.**—The County Judge in each county holds a Court of General Sessions in this county semi-annually on the second Tuesday in June and December, except in the County of York, in which county said Court is held three times, commencing on the second Tuesday in March, June and December, for the trial of cases of felony and misdemeanor, but treason and capital felonies are exempt from their jurisdiction.

*Terms of the Courts.*

**COURT OF ERROR AND APPEAL.**—This Court holds its sittings twice a year at Toronto in the months of January and June, upon such days as it may by rule or order from time to time appoint.

**LAW TERMS.**—Hilary begins first Monday in February, and ends Saturday of the ensuing week; Easter begins third Monday in May, and ends Saturday of the second week thereafter; Michaelmas begins third Monday in November, and ends Saturday of the second week thereafter.

**CHANCERY TERMS.**—*Examination terms.*—From 1st Tuesday of February to the Saturday after the 2nd Tuesday of April, and from 1st Tuesday of September to the Saturday after 1st Tuesday of November. *Hearing terms*—from 4th Monday in April until Saturday of the following week, and from 3rd Monday in November until Saturday of the following week. The Court also sits every Tuesday (except during the regular vacations).

**COUNTY COURT TERMS.**—The several County Courts in Ontario hold four terms in each year, to commence on the first Monday in January, April, July and October.

### THE FRUIT GARDEN.

The excellent condition of the soil and other work not being so pressing, the fall is the most advantageous time for settling the plants for a fruit garden. We have often urged that every farmer should have a fruit garden—one large enough to furnish all the fruit necessary for a continuous supply for the table, from the coming of the earliest strawberries untill the latest grapes are gone. Now is the time for all who lack this supply to stop and count their loss, and take steps to make that loss good in coming years by planting a fruit garden this autumn. Those who already have such a garden will need to give it some attention this month. Strawberry plants that have been rooted in pots, if planted in the fall, will bear a fair crop next year. Runners that have rooted in the usual way, will need a year's growth before fruit in quantities may be expected. Plants set this fall will have some advantage over those set next spring, in a more vigorous growth, and, as it is a less busy time, it is best to set them in the fall. Growers of plants usually advise spring planting largely, because the plants that are set out in the fall would, if kept in the propagating bed, put out runners and produce other good plants, to be used for the spring sales.

Grape vines, both old and young, need pinching of the shoots. If mildew occurs, as it frequently does after a wet spell, followed by a bright hot sun, dust flowers of Sulphur upon the leaves.

### SLEEPING ; OR, THIS AND THAT.

Some one-sided, one-eyed individual has made the following calculation, which is mathematically correct, but practically as false and mischievous as can well be expressed in plain English :

#### THIS.

"The difference between rising every morning at six and at eight, in the course of forty years, amounts to twenty-nine thousand three hundred and ninety hours, or three years, one hundred and twenty-one days and sixteen hours, which are equal to eight hours a day for exactly ten years ; so that rising at six will be the same as if ten years of life were added, wherein we may command eight hours every day for the cultivation of our minds and the dispatch of business."

## CLEANING THE OUTBUILDINGS.

Women "clean house;" why should not men clean the barn and other outbuildings? Why not apply the broom once or twice per annum to sweep down the dust and cobwebs from the joists, the ceiling and the sides of the buildings? When the windows of a barn, and especially of the stables, are literally covered with dust, chaff and cobwebs, why not remove the sashes and give the frames, sashes and glass a thorough cleansing with soap and water, so that the daylight and sunshine may not be intercepted? It is a common practice, even among professedly neat and thorough-going farmers, to neglect this cleansing of windows and ceilings, not even applying a broom once a year. We frequently go into outbuildings the windows of which are so completely covered with cobwebs and dust that one cannot see through the glass. Why not prepare a pailful of warm soap-suds and brush up and scour up annually at least? Why not also prepare a tubful of good whitewash, after having cleaned the stables with a broom and sponge, and give the joists, the floor-beams and sides of the stable a generous and thorough whitewashing? No time, eh? Nay, the friend at my elbow suggests, "No inclination to clean barn?" I happen to know how most farmers fritter away hours, days, and even weeks of time, of which they can give no satisfactory account. If a little forethought were exercised, and the idle hours were improved by way of sweeping and whitewashing barns and other outbuildings, the interior might be kept as neat and clean as a beehive without incurring any cash expense, except for the brooms and the lime. Now, then, the next stormy day, when there seems to be no manual employment, call out all the forces for an hour or two, and give the outbuildings such a sweeping, scrubbing and scouring as the apartments and windows of the house get when the women clean house.—

Since Time is not a person we can overtake when he is past, let us honor him with mirth and cheerfulness of heart while he is passing.

A wise man living in a country in a state of revolution should imitate the traveller who, in passing through a forest infested with robbers, makes as little noise as possible.

Life is a train of moods like a string of beads, and as we pass through them they prove to be many-colored lenses which paint the world their own hue, and each shows only what lies in its own forces.

The beginning of hardship is like the first taste of bitter food—it seems for a moment unbearable; yet if there is nothing else to satisfy our hunger, we take another bite and find it possible to go on.

"I KNOW WHAT those men are doing with the telegraph wires," said young knickerbockers, as he gazed upward with his hands in his pockets. "Well, my boy, what are they doing with them?" "Shaking the talk out of 'em."

PHYSICIAN TO GOVERNMENT CLERK: Well, what do you complain of?" G. C. "Sleeplessness, doctor." Physician: "At what time do you go to bed?" G. C. "Oh, I don't mean at night, but during office hours."

A VISITOR enters a French newspaper office, and is greeted politely by the office boy—"If Monsieur comes to fight a duel he will have to be kind enough to call again. All our editors are already engaged for to-day.

**OCTOBER.**—Good advice in this Almanac is cheap, perhaps therefore it may not be well received, and may be even resented. Nevertheless we give it, and this month it is about weeds—yes, weeds. This very month, a year ago, we passed along or through half a dozen farms, and in not one instance did we notice that any sort of care had been taken to remove some or all of the worst kind of weeds before maturity. There they are—their seeds dead ripe, ready to be scattered by the winds, preparing for a hundred fold crop another year. Out down and burn all the weeds about the fences, fields and barns. Persevere in this work of weed destruction for a few years, and we predict for you, all other things being equal, that you will get first prizes for many things—why not for having the cleanest farm?

## GOOD-ADVICE ON THE CHICKEN QUESTION.

Bro. Freas, the veteran editor of the *Germantown Telegraph*, hopes the spurt of good luck which has befallen those who had eggs on hand, or who knew how to hamper and pet the chickens, will not cause every one to rush into the chicken business beyond what prudence would dictate. Keep a fair number of fowls of approved breeds, care for them in the best manner so that the best results may be achieved, and it will at all times bring into the family purse a steady supply of ready money that will be exceedingly handy. The boys and girls in a family who have been brought up among fowls should be fully capable of making a good thing out of a few score of chickens, and ought to be encouraged in the business, and allowed to have all the surplus profits of it. There is so much offal about a farm that the actual cost of the flock is scarcely worth considering; and the pleasure of raising and curing for them is one that grows upon people, and is really worth all the trouble and expense.

## BRING HOME SOMETHING.

Nearly every farmer goes to the nearest village to trade, visit a mechanic, or obtain his letters and papers, at least once a week. He often takes a load to market, but he rarely brings one home. He can, with very little trouble, haul a load of material that may be obtained for nothing, and which will be of great benefit to his land. Most village people make no use of the ashes produced in their stoves, or of the bones taken from the meat they consume. Scarcely any farmer has any use for the hops that have been boiled in his vats, and the blacksmith hardly ever saves the clippings he takes from the feet of horses. All these materials make excellent manure. A barrel of shavings cut from the hoofs of horses contains more ammonia than is contained in a load of stable manure. Applied to land without preparation, they might give no immediate results, but they would become decomposed in time, and crops of all kinds would derive benefit from them. They may be so treated that they would produce immediate results. By covering them with fresh horse manure they will decompose very rapidly. They may also be leached in a barrel, and the water that covered them drawn off and applied to plants. Water in which pieces of horns and hoofs have been soaked is an excellent manure for plants that require forcing. It stimulates the growth of tomatoes, rose bushes and house plants very rapidly, and emits no offensive odors. A vast amount of fertilizing material is wasted in towns that farmers could obtain the benefit of with very little trouble.

There may be a furlough from our customary work; there can never be any painful vacation from doing good. There may be change of place, scene, fellowship; there must be none in the spirit of self-sacrificing beneficence.

What you attempt, do it with all your strength. Determination is omnipotent. If the prospect be some what darkened, put the fire of resolution to your soul, and kindle a flame that nothing but the strong arm of death can extinguish.

No man starts in his professional career, wise, strong and thoroughly fitted for his work. One must gain wisdom by experience, strength by exercise, and fitness by reiterated and, at first, often ineffectual, endeavor.

**NOVEMBER.**—As there is likely to be a greater demand for wool in consequence of the rapid growth of our woollen manufactories, it would be well for our farmers who may have the proper lands and other conveniences to obtain a first-class breed of the best wool-growing sheep. Hitherto our people have depended on buyers from the United States, but now the exports of wool are limited, and the demand is greater than the supply. There are many advantages in sheep breeding, especially on some of the estates held in the Lower Provinces, including New-Bebec. We have no space here for details, and would recommend a careful study of those works which treat on the subject. Only suggesting that the sheep producing the best and most valuable wools are kept for about the same sum of money per annum as those of poor quality. Always deal in the best, which in the end is always cheapest.

**CELERY CREAM SOUP**—Take the white part of two large heads of celery, either grate it or chop it very fine, set it to boil in a quart of milk, in which put a cup of rice; allow the rice and celery to slowly stew until they can be rubbed through a coarse sieve, adding more milk if they get too thick, then add to them an equal quantity of strong veal or chicken broth, white pepper and salt to taste.

Few seem to have any opinions of their own, or think for themselves. Like dead fish, they go with the stream and tide; what others think right, they think right; and what others call wrong, they call wrong.

#### WHERE DID POTATOES COME FROM?

Nobody knows precisely where the potato came from originally. It has been found, apparently indigenous, in many parts of the world. Mr. Darwin, for instance, found it wild in the Chonos Archipelago. Sir W. J. Hooker says that it is common at Valparaiso, where it grows abundantly on the sandy hills near the sea. In Peru and other parts of South America it appears to be at home, and it is a noteworthy fact that Mr. Darwin should have noticed it both in the humid forests of the Chonos Archipelago and among the central Chilean mountains, where sometimes rain does not fall for six months at a stretch. It was to the colonists whom Sir Walter Raleigh sent out in Elizabeth's reign that we are indebted for our potatoes. Herriot, who went out with these colonists, and who wrote an account of his travels, makes what may, perhaps, be regarded as the earliest mention of this vegetable. Under the heading of "Roots," he mentions what he calls the "openawk." "These roots," he says, "are round, some large as a walnut, others much larger. They grow on damp soils, many hanging together as if fixed on ropes. They are good food, either boiled or roasted." At the beginning of the seventeenth century this root was planted as a curious exotic in the gardens of the nobility, but it was long ere it came into general use. Many held them to be poisonous, and it would seem not altogether unreasonably so either. The potato is closely related to the deadly-nightshade and the mandrake, and from its stems and leaves may be extracted a very powerful narcotic. In England prejudiced against it was for a long time very strong, especially among the poor.

**HOME-MADE CRACKED WHEAT**.—Cracked wheat, which has in the last few years become a staple article of food, may be made at home at a much less cost than when ready prepared from the grocer. Use the best wheat, which, at \$1.50 per bushel, would cost two and a half cents per pound. Spread the wheat upon a white cloth and pick out of it all the oats, straw, and the like. Set it in some open dish in the stove to dry, but not to scorch: when very dry run it through a coffee mill, set so as to crack every kernel. This will be a kind of wheat-hominy, mixed with some fine meal. To cook it let the water be boiling, then stir in the wheat, and keep it stirred till it has done settling; then a very gentle fire will keep it boiling with an occasional stirring. A big fire will burn it. It is better to boil an hour or more. This may be eaten warm, with any kind of dressing, or when cold, like corn mush, be sliced and warmed for use. If stirred when in a cooling taste it becomes sticky, like paste. It may be taken up into dishes, and cut into slices or otherwise when cold.

**DECEMBER**.—Surely before this you have taken the precaution to have every outhouse cleansed for winter service. Accumulations of fall filth should never be tolerated. It is true frost comes and helps to neutralize indifference and purity, but spring also comes in due time and undoes the work of frost. Lime is not a very expensive article, and should be freely used in many places as a wash where darkness and dirt exist. As to the cellar, we presume you have one, properly constructed. If so, then every fall of the year, before putting away any of the fruits of the earth, see to it that your cellar is well whitewashed. Everything will be the better for it. We have always recommended cleanliness from top to bottom in every house and home. Health and wealth are the sure fruits of purity, whether for the body or the soul.