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JOHN HART, PERTH.

TWENTY-EIGHTH YEAR OF PUBLICATION.

HART'S
CANADIAN ALMANAC

AND

Repository of Useful Information,

AND

Division Court Directory for the Counties
of Lanark and Renfrew.

FOR THE YEAR OF OUR LORD

1884.

Being Leap Year, and, until the 20th of June, the forty-sixth year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 22'$ 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 $63^{\circ} 36' 30''$, and for Perth, which is in Latitude $44^{\circ} 55'$, Longitude $76^{\circ} 15'$ West. But the Almanac is arranged to serve without essential variation for most parts of the Dominion.

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PERTH, ONT.

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IN OAKS, WOODS AND MARBLES.

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Garden and Agricultural Seeds in the County.

LATE and EARLY Varieties, RED Clover, Alsike, Timothy, Red Top, Blue Joint, Hungarian and Milch Grasses, at the lowest market prices.

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In Mantle and Table Ornaments, in Fine China and Electroplate and Bronze, Silver-plated Card and Cake Baskets, Cruets, Salvers, Goblets, Fine Table Knives and Forks, Nickel and Electroplate Spoons, Work Boxes, Writing Desks, Stationery, Cabinets, Papier Mache Folios, &c., and a splendid display of Fine Goods for Wedding Presents, &c.

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Brushes : for Painting, Whitewashing, and Kalsomining, and full lines of Scrubbing, Stove, Shoe, Cloth and Toilet Brushes, Made by the best Manufacturers, at HART'S.

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[1884, 1884.]

CHRONOLOGICAL CYCLES.

| | | | |
|---------------------------|-------|---------------------------------|------|
| Dominical Letter..... | F. E. | Jewish Year, begins Sep 20th... | 5645 |
| Golden Number..... | 4 | Mohammedan, Spread Oct. 21st. | 1302 |
| Jewish Lunar Year..... | 20 | Turkish Rancadan each year | |
| Epact, or Moon's Age..... | 22 | June | 25 |
| Solar Cycle..... | 17 | Roman Indiction..... | 12 |
| Julian Period..... | 6597 | | |

MOVABLE FESTIVALS.

| | | | | | |
|--------------------|----------|----|----------------------------|------|----|
| Septuagesima..... | February | 10 | Rogation Sunday..... | May | 18 |
| Sexagesima..... | " | 17 | Ascension Day (Holy Thurs- | | |
| Quinquagesima..... | " | 24 | day)..... | " | 22 |
| Ash Wednesday..... | " | 27 | Whit Sunday | June | 1 |
| Palm Sunday..... | April | 6 | Trinity Sunday..... | " | 8 |
| Good Friday..... | " | 11 | Corpus Christi..... | " | 12 |
| Easter Sunday..... | " | 13 | Advent Sunday..... | Nov. | 30 |
| Low Sunday | " | 20 | | | |

HOLIDAYS OBSERVED IN PUBLIC OFFICES.

| | | | | | |
|---------------------------|---------|----|-----------------------------|------|----|
| Circumcision..... | January | 1 | Queen's Birth Day..... | May | 24 |
| Epiphany..... | " | 6 | Corpus Christi..... | June | 12 |
| Ash Wednesday..... | Feb'y | 27 | St. Peter and St. Paul..... | " | 29 |
| Annunciation V. Mary..... | March | 25 | Dominion Day..... | July | 1 |
| Good Friday..... | April | 11 | All Saints Day..... | Nov. | 1 |
| Easter Monday..... | " | 14 | Immaculate Conception..... | Dec. | 8 |
| Ascension Day..... | May | 22 | Every Sunday. | | |

HERSCHEL'S WEATHER TABLE.

For foretelling the Weather, through all the lunations of the Moon forever.

| | In Summer. | In Winter. |
|--|------------------------------|---|
| If the new Moon, the first quarter, the full Moon, or the last quarter happens | | |
| Between midnight and 2 in the morning..... | Fair..... | { Hard Frost, unless the wind be S. or W. |
| —2 and 4 morning..... | Cold, Frequent showers | Snow and stormy. |
| —4 and 7 "..... | Rain..... | Rain. |
| —6 and 8 "..... | Wind and Rain..... | Stormy. |
| —8 and 10 "..... | Changeable | { Cold rain, if the wind be west, snow if east. |
| —10 and 12 "..... | Frequent showers..... | Cold, and high wind. |
| At 12 noon, and 2 P.M..... | Very rainy..... | Snow and rain. |
| Between 2 and 4 P.M..... | Changeable..... | Fair and mild. |
| —4 and 6 P.M..... | Fair..... | Fair. |
| —6 and 8 "..... | { Fair, if wind N.W..... | Fair and frosty, if wind north or north-east. |
| —8 and 10 "..... | { Rainy, if S. or S.W..... | Rain or snow, if S. S. W. |
| —10 and midnight..... | Fair..... | " " " " |

Observations—The nearest the time of the Moon's change, the first quarter, full and the last quarter, are to midnight, the fairer will be the weather during the seven days following.

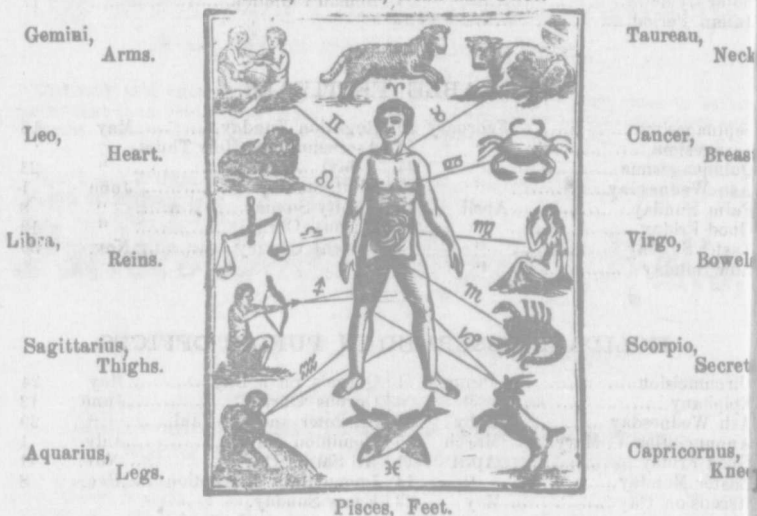
- 2. The space of this calculation occupies from ten at night till two next morning.
- 3. The nearer to mid-day or noon the phases of the Moon happen, the more foul or wet weather may be expected during the next seven days.
- 4. The space of the calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to the Summer, though they affect Spring and Autumn nearly in the same ratio.
- 5. The Moon's change, first quarter, full, and last quarter, happening during six or seven of the afternoon hours, i.e., from four to ten, may be followed by fair weather.

BANK HOLIDAYS IN ONTARIO.

Every Sunday, Christmas Day, New-Year's Day, Ash-Wednesday, Good Friday, Easter Monday, The Queen's Birth Day, and each day appointed by Royal Proclamation as a general Fast or Thanksgiving day.

ZODIACAL SIGNS.

Aries, the Ram, Head and Face.



ECLIPSES IN 1884.

- I. There will be five Eclipses during the year 1884, three of the Sun and two of the Moon.
- II. March 26th; there will be a partial Eclipse of the Sun, invisible to us. We give some circumstances of this Eclipse in Greenwich Astronomical Time;—The Eclipse begins March 26d. 17 h. 12 m. in Longitude 9° 28' E, Lat 54° 11' 5" N, greatest Eclipse March 26d 18h 2m 2s in Longitude 7° 50' 1" W. Latitude 7° 25' 0" N. Eclipse ends March 26d 18h 51m 9s Longitude 103° 54' 9' W. Lat 87° 12' 8" N.
- III. April 9-10. There will be a total Eclipse of the Moon partially visible in some parts of our country. The totality begins on the 10th at 5.45 a.m. and continues about 2 hours and thirty minutes.
- VI. April 25th. There will be a partial Eclipse of the Sun, not seen in Canada.
- IV. October 4th. There will be a total Eclipse of the Moon, visible on the Atlantic Ocean; in Europe, Asia and Africa. Partly visible to us on the afternoon of the 4th, beginning at 4.15 and ending at 5.30.
- V. October 18th. There will be a partial Eclipse of the Sun—invisible—so that, on the whole, the eclipses of the year will not have special attractions to Canadian eyes.

CONCERNING THE SEASONS.

| | | | |
|---------------|-------|-------|---|
| Spring begins | March | 20th, | 2 h. 27 m. mo. and lasts 29 days 0 h. 26 m. |
| Summer | June | 20th, | 10h. 54 m. ev., " " 92d 20 h. 27 m. |
| Autumn | Sept. | 22nd, | 1 h. 26 m. ev., " " 89d 17 h. 55 m. |
| Winter | Dec. | 21st, | 7 h. 20m. mo., ends March 21, 1885. |

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The New "Reading Books," authorized for use in the Public Schools of Ontario, are "Gage's Canadian Readers," and "Campbell's Royal Reader." Full Supplies at the "PERTH BOOK STORE."

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|------|----------------|----------------|----------------|----------------|----------------|---------------|
| First Quarter..... | D. 5 | h. m. 5 16 ev. | h. m. 4 46 ev. | h. m. 4 38 ev. | h. m. 4 28 ev. | h. m. 4 16 ev. | h. m. 4 8 ev. |
| Full Moon..... | 11 | 11 8 mo. | 10 28 mo. | 10 30 mo. | 10 20 mo. | 10 8 i.o. | 10 00 mo. |
| Last Quarter..... | 19 | 1 5 mo. | 0 35 mo. | 0 27 mo. | 0 17 mo. | 0 5 mo. | 11 57 ev. |
| New Moon..... | 27 | 0 43 mo. | 0 13 mo. | 0 5 mo. | 11 55 ev. | 4 48 mo. | 11 40 mo. |

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

D CALENDAR, WEATHER ASPECTS, &c.

| | |
|-----------------------------------|--|
| 1 Circumcision. | D |
| 2 Good sleighing New Year week. | 17 St. Anthony, A. D. 366. |
| 3 Cold and cloudy. | 18 Settled and cold yet. |
| 4 Windy with local snowfalls. | 19 There are indications of change. |
| 5 Sharp, brisk and clear. | 20 2nd Sunday after Epiphany. |
| 6 Epiphany. | 21 Softer weather, with some probability |
| 7 Snow falls over Central Canada. | 22 of tiaw. |
| 8 Quite an agreeable day. | 23 Does not long continue, |
| 9 Weather fine and seasonable. | 24 for now again quite frosty. |
| 10 Continues fine and clear. | 25 Conversion of St. Paul. |
| 11 Forebodings of change. | 26 St. John Chryostome, A. D. 407. |
| 12 Cloudy outlook. | 27 3rd Sunday after Epiphany. |
| 13 1st Sunday after Epiphany. | 28 With the New Moon there |
| 14 A good deal of snow falls, | 29 Comes steady cold weather, |
| 15 especially about Tadousac. | 30 but the month ends |
| 16 Stormy now in the West. | 31 with rough wind. |

Teachers and Trustees should use the new series of Merit Cards, Published by JOHN HART. And select their prize Books at the Perth Book Store. Gage's New Canadian Readers adopted for use in the County of Lanark always in Stock.

on Tuesday, 1884.]

MEMORANDUM FOR JANUARY.

7

London,
 h. m.
 4 8 ev.
 10 00 mo.
 11 57 ev.
 11 40 mo.

Meridian.
 Sun on
 Meridian.

h. m. s.
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- 1 *Mild*
- 2 *do*
- 3 *do*
- 4 *below zero*
- 5 *13 " "*
- 6 *24 " "*
- 7 *19 " "*
- 8 *18 " "*
- 9 *8 above zero Heavy fall of snow, & drifting*
- 10 *do above zero More snow*
- 11 *do above zero More snow*
- 12 *16 below zero*
- 13
- 14
- 15 *20 below zero*
- 16 *8 above zero*
- 17 *Mild*
- 18 *do*
- 19 *do below zero*
- 20 *15 "*
- 21 *11 "*
- 22 *do above zero*
- 23 *do " Snowing all day*
- 24 *do below zero*
- 25 *21 "*
- 26 *12 "*
- 27
- 28 *Zero*
- 29 *do above zero*
- 30 *11 " 2013 snow then soft snow & ending*
- 31 *22 "*

probability

407.

It Cards, pre. county of

See that you begin the New Year by subscribing for a good Magazine. Try the New Canadian Editions of "Sunday at Home," "The Leisure Hour," and for the young folks "The Boy's Own Paper," and "The Girl's Own Paper," at 15 cents monthly parts, or \$1.75 each per annum, free by Post, at HART'S Bookstore, Perth.

2nd Month.

FEBRUARY, 29 Days.

Begins on Friday.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|------|----------------|---------------|---------------|----------------|----------------|----------------|
| First Quarter..... | D. 3 | h. m. 1 39 ev. | h. m. 1 9 mo. | h. m. 1 1 mo. | h. m. 0 51 mo. | h. m. 1 39 mo. | h. m. 1 31 mo. |
| Full Moon..... | 10 | 5 29 ev. | 4 59 ev. | 4 51 ev. | 11 51 ev. | 11 29 ev. | 11 21 ev. |
| Last Quarter..... | 18 | 10 54 mo. | 10 24 mo. | 10 16 mo. | 10 6 mo. | 9 54 mo. | 9 46 mo. |
| New Moon..... | 26 | 2 16 ev. | 1 46 ev. | 1 38 ev. | 1 28 ev. | 1 16 ev. | 1 08 ev. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 Considerable wind and snow.
 2 Purification of Virgin Mary.
 3 4th Sunday after Epiphany.
 4 Some very cold weather,
 5 continuing for several
 6 days. But afterwards
 7 steadily settling for a fine
 8 and agreeable season
 9 until full moon.
 10 Septuagesima.
 11 Rough and disagreeable.
 12 Change for the better.
 13 Cold and wintery.
 14 St. Valentine's Day.
 15 Post Office clerks lively.

- D
 16 All pleasant outside.
 17 Scarcely a
 18 Boisterous winds prevail.
 19 More snowfalls expected.
 20 Weather cold and dull
 21 Unpleasant for country travel.
 22 Mildly and raw weather.
 23 24th St. Mathias.
 24 Quinquagesima.
 25 A cloudy dull day.
 26 Shrove Tuesday.
 27 ASH WEDNESDAY.
 28 Plesanter outlook.
 29 The months ends chilly.

Beatty's or Gage's new Graded Copy Books with Headlines are the best Canadian Copy Books in use, eleven numbers, 10 cents each.

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is on Friday.

do. London.

| | h. m. |
|--------|--------|
| no. 1 | 31 mo. |
| iv. 11 | 21 ev. |
| no. 9 | 46 mo. |
| iv. 1 | 08 ev. |

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| m. | h. m. s. |
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| | |
|----|---|
| 1 | 9 above 3 |
| 2 | 2 below |
| 3 | 3 above |
| 4 | 3 below |
| 5 | 22 above 3 |
| 6 | 15 " |
| 7 | |
| 8 | 15 above |
| 9 | 10 " |
| 10 | 6 " |
| 11 | 1 " |
| 12 | 13 " Hazards in flower |
| 13 | 12 " in the night. Raining in the morning |
| 14 | 32 " |
| 15 | 12 " |
| 16 | 2 " |
| 17 | 20 " |
| 18 | 30 " Rain in the night |
| 19 | Rain |
| 20 | Rain |
| 21 | 4 above zero |
| 22 | 1 below |
| 23 | 19 above |
| 24 | 5 below |
| 25 | 3 above |
| 26 | 4 above |
| 27 | 28 above |
| 28 | 9 above Snowing & drifting 4 or 5 inches |
| 29 | 8 below |
| 30 | |
| 31 | |

Campbell's General Geography and Atlas, price 75 cents, and
Calkin's Geography for junior classes at 50 cents, and Moir's
Geography Notes at 20 cents, and all Authorized Text Books,
at HART'S.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|---------------------|----|----------|----------|-----------|----------|----------|----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| First Quarter | 3 | 9 14 mo. | 8 44 mo. | 8 36 mo. | 8 26 mo. | 8 14 mo. | 8 6 mo. |
| Full Moon | 11 | 3 21 ev. | 2 51 ev. | 2 43 ev. | 2 33 ev. | 2 21 ev. | 2 13 ev. |
| Last Quarter | 19 | 6 54 ev. | 6 24 ev. | 6 16 ev. | 6 6 ev. | 5 54 ev. | 5 46 ev. |
| New Moon | 26 | 1 29 mo. | 0 59 mo. | 0 51 mo. | 0 41 mo. | 0 29 mo. | 0 21 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
- 1 ST. DAVID'S DAY.
 - 2 1st Sunday in Lent.
 - 3 Not many signs of spring.
 - 4 Weather continues cold.
 - 5 Very variable for some days,
 - 6 but there will be cold winds
 - 7 and snow, possibly rain,
 - 8 but now clearing up.
 - 9 2nd Sunday in Lent.
 - 10 Full moon brings no special
 - 11 change, but we anticipate
 - 12 cold rains West, and
 - 13 quite a snowfall East,
 - 14 and now clear and frosty
 - 15 through several days.
 - 16 3rd Sunday in Lent

- D
- 17 ST. PATRICK'S DAY.
 - 18 The Sun's power felt, and
 - 19 heavy snow banks reduced.
 - 20 Cloudy and damp.
 - 21 St. Benedict.
 - 22 Wind storms prevail.
 - 23 4th Sunday in Lent.
 - 24 Cool and cloudy.
 - 25 Annunciation of Virgin Mary.
 - 26 More wind about now.
 - 27 Rainy and cool.
 - 28 Cool without rain.
 - 29 Steadily cool now.
 - 30 5th Sunday in Lent.
 - 31 A fine cool day.

The Farmer will do well to get a supply of Clover Seeds to sow before the snow leaves the ground. Good clean Timothy and Clover Seeds at HART'S Seed store, Perth, Ont.

The H
Crel
Je
Noti

| | |
|-------|----------|
| Onto. | London. |
| n. | h. m. |
| 1 mo. | 8 6 mo. |
| 1 ev. | 2 13 ev. |
| 1 mo. | 5 46 ev. |
| 1 mo. | 0 21 mo. |

ominion.

| | |
|-----------|----------------|
| un' clin. | Sun on Meridia |
| m. | h. m. |
| 15 | 12 12 |
| 52 | 12 12 1 |
| 29 1 | 11 4 |
| 6 | 11 4 |
| 43 | 11 3 |
| 19 | 11 1 |
| 56 | 11 |
| 33 | 10 3 |
| 9 | 12 10 3 |
| 46 | 10 1 |
| 22 | 10 0 |
| 58 | 9 4 |
| 35 | 9 2 |
| 11 | 9 1 |
| 47 | 8 5 |
| 24 | 12 8 3 |
| 30 | 8 1 |
| 46 | 7 5 |
| 3 | 7 4 |
| 0 | 7 2 |
| 4 | 7 |
| 7 | 6 4 |
| 1 | 12 6 2 |
| 5 | 6 1 |
| 8 | 5 5 |
| 2 | 5 3 |
| 5 | 5 1 |
| 7 | 4 5 |
| 1 | 4 3 |
| 1 | 12 4 2 |
| 1 | 12 4 |

| | | |
|----|----|---|
| 1 | 5 | below |
| 2 | 19 | below |
| 3 | 16 | " |
| 4 | 16 | " |
| 5 | 5 | " |
| 6 | 9 | above |
| 7 | 9 | " |
| 8 | 13 | " snowing |
| 9 | 13 | " snow very deep |
| 10 | 13 | " Went to Kenilworth, Ipswich, then |
| 11 | | Went to Donmaston, then to Kenilworth ^{in snow} Rain |
| 12 | | Returned home, very mild |
| 13 | 19 | above |
| 14 | 20 | " |
| 15 | 14 | " |
| 16 | 12 | " |
| 17 | 24 | " snowing slightly |
| 18 | 20 | " |
| 19 | 15 | " |
| 20 | 11 | " |
| 21 | 22 | " |
| 22 | 29 | " |
| 23 | 27 | " Rain, all day slight |
| 24 | 31 | " |
| 25 | 26 | " |
| 26 | 32 | " |
| 27 | 32 | " Slight rain from Ipswich ref |
| 28 | 25 | " |
| 29 | 26 | " Very cold wind since yesterday afternoon |
| 30 | 7 | " |
| 31 | 11 | " |

The New Edition of Edith Thompson's History of England, 65 cts. Creighton's Epoch Primer of English History at 30 cents, and Jeffer's Primer of Canadian History at 30 cents, and Moir's Notes on British History at 15 cents, and Notes on Canadian History at 10 cents, to be had at HART'S.

s to sow lothy int.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|-----------|----------|-----------|-----------|-----------|-----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| First Quarter..... | 2 | 4 58 ev. | 4 28 ev. | 4 20 ev. | 4 10 ev. | 3 48 ev. | 3 40 ev. |
| Full Moon..... | 9 | 7 25 mo. | 6 55 mo. | 6 47 mo. | 6 37 mo. | 6 25 mo. | 6 17 mo. |
| Last Quarter..... | 17 | 11 36 mo. | 11 6 mo. | 10 58 mo. | 10 48 mo. | 10 36 mo. | 10 28 mo. |
| New Moon..... | 24 | 11 39 mo. | 11 9 mo. | 11 1 mo. | 9 51 mo. | 9 39 mo. | 9 31 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 ALL FOOLS' DAY, so called.
 2 Pleasant and clear.
 3 Clear and pleasant.
 4 *St. Ambrose*.
 5 Somewhat blustery winds.
 6 *6th Sunday in Lent*.
 7 Much milder weather.
 8 Sunshiny, springlike day.
 9 Continues fine and clear.
 10 Seasonably warm.
 11 GOOD FRIDAY.
 12 Very agreeable day.
 13 EASTER SUNDAY.
 14 *Easter Monday*.
 15 Some windy weather,

- D
 16 but the general character
 17 of this week will be
 18 spring like and pleasant ;
 19 much snow has melted.
 20 *1st Sunday after Easter, Low Sun*.
 21 Mild days, cool nights.
 22 Some areas of rain.
 23 *ST. GEORGE'S DAY*.
 24 New moon to-day.
 25 *St. Mark the Evangelist*.
 26 A pleasant springlike day.
 27 *2nd Sunday after Easter*.
 28 Not disagreeable day.
 29 More like spring than
 30 for some days past.

Inks, Pens, Pencils, Copy Books, School Scribbling Books, the
 New Reading Books, and all school requisites at
HART'S Bookstore.

| no. | London. |
|---------------|---------|
| h. m. | |
| ev. 3 40 ev. | |
| mo. 6 17 mo. | |
| mo. 10 28 mo. | |
| no. 9 31 mo. | |

Division.

| n's (ina.) | Sun on Meridian. |
|---------------|---------------------|
|---------------|---------------------|

| m. | h. m s. |
|----|----------|
| 52 | 12 3 44 |
| 15 | 3 26 |
| 38 | 3 38 |
| 00 | 2 50 |
| 23 | 2 33 |
| 46 | 12 2 15 |
| 8 | 1 58 |
| 31 | 1 41 |
| 53 | 1 26 |
| 15 | 1 8 |
| 37 | 0 52 |
| 59 | 0 36 |
| 90 | 12 0 21 |
| 42 | 0 6 |
| 3 | 11 59 51 |
| 25 | 59 36 |
| 16 | 59 22 |
| 6 | 59 9 |
| 27 | 59 56 |
| 18 | 11 58 43 |
| 8 | 58 31 |
| 8 | 58 19 |
| 8 | 58 7 |
| 8 | 57 56 |
| 7 | 57 46 |
| 6 | 57 36 |
| 6 | 11 57 27 |
| 4 | 57 18 |
| 3 | 57 9 |
| 1 | 11 57 1 |

no Sun.

- 1 26 above 3
- 2 25 "
- 3 16 "
- 4 24 "
- 5 24 "
- 6 22 "
- 7 25 "
- 8 22 "
- 9 28 " Yellow brooms out
- 10 24 " Snow nearly all gone from garden
- 11 29 "
- 12 20 "
- 13 25 "
- 14 24 "
- 15 23 "
- 16 35 "
- 17 34 "
- 18 35 "
- 19 37 "
- 20 41 "
- 21
- 22
- 23 29 "
- 24 32 "
- 25 31 " Hill stone & porch taken down
- 26 Mists & pleasant
- 27 Very mists & fine
- 28 Cold wind & hard frost
- 29 Chancery Court, Mary, Ferguson, G. Still requests & Mary
- 30 Cold
- 31

oks, the

Sunday School Cards, Texts, Verses, Birds, Animals and Flowers of the Bible in packets at various prices at HART'S.

| Moon's Phases. | D. | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|----------|-----------|-----------|-----------|-----------|-----------|
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| First Quarter..... | 1 | 1 49 mo. | 1 17 mo. | 1 11 mo. | 1 1 mo. | 0 49 mo. | 0 41 mo. |
| Full Moon..... | 9 | 4 59 ev. | 11 29 ev. | 11 21 ev. | 11 11 ev. | 10 59 ev. | 10 51 ev. |
| Last Quarter..... | 17 | 0 36 mo. | 0 6 mo. | 11 53 ev. | 11 45 ev. | 11 36 ev. | 11 28 ev. |
| New Moon..... | 24 | 6 18 ev. | 5 48 ev. | 5 40 ev. | 5 30 ev. | 5 18 ev. | 5 10 ev. |
| First Quarter.... | 30 | 0 38 mo. | 0 8 mo. | 0 01 mo. | 11 50 mo. | 11 38 mo. | 11 30 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

D

- 1 *St Philip and St James.*
- 2 MAY opens very fine, and for
- 3 some days almost summerlike.
- 4 *3rd Sunday after Easter.*
- 5 Changeable and cool.
- 6 Prospective cool rains.
- 7 Windy and cloudy.
- 8 Again it is warm and
- 9 thunder clouds roll round.
- 10 Gardening may begin.
- 11 *4th Sunday after Easter.*
- 12 A good deal of farm work
- 13 may be done this week.
- 14 Weather settled and fine.
- 15 Warm and pleasant.
- 16 Continues fine and

D

- 17 no grumbling indulged.
- 18 *Rogation Sunday.*
- 19 *St. Dunstan.*
- 20 Changeable and cloudy.
- 21 Rainy, but only showery. ↑
- 22 ASCENSION DAY (Holy Thursday).
- 23 A very fine day.
- 24 THE QUEEN'S BIRTHDAY.
- 25 *Sunday after Ascension.*
- 26 *St. Augustine.*
- 27 Warm and agreeable.
- 28 Some rain, but it is very
- 29 acceptable, for much
- 30 grain is in and many
- 31 fields and gardens need it.

Looking Glasses, Hand Mirrors, Mirror Plates, all Sizes.
Picture Moulding and Picture Framing a Specialty at HART'S.

| | |
|---------------|--|
| London. | |
| h. m. | |
| mo. 0 41 mo. | |
| ev. 10 51 ev. | |
| sv. 11 28 ev. | |
| sv. 5 10 ev. | |
| no. 11 30 mo. | |

| | |
|------------------|--|
| minion. | |
| Sun on Meridian. | |
| h. m. s. | |
| 19 11 56 54 | |
| 37 56 47 | |
| 55 56 41 | |
| 12 11 56 35 | |
| 29 56 30 | |
| 46 56 25 | |
| 2 56 21 | |
| 18 56 17 | |
| 34 56 14 | |
| 50 56 12 | |
| 5 11 56 10 | |
| 10 56 9 | |
| 15 56 8 | |
| 19 56 8 | |
| 3 56 8 | |
| 7 56 10 | |
| 10 56 11 | |
| 4 11 56 13 | |
| 6 56 16 | |
| 9 56 20 | |
| 1 56 24 | |
| 3 56 28 | |
| 4 56 33 | |
| 5 56 39 | |
| 3 11 56 45 | |
| 1 56 51 | |
| 1 56 58 | |
| 1 57 5 | |
| 1 57 10 | |
| 1 57 21 | |
| 1 11 57 30 | |

- 1
- 2
- 3 *Planted Solina, Lily, Anemone &c*
- 4
- 5
- 6
- 7
- 8 *Cherry Court, Woodville, Grosvenor St*
- 9
- 10
- 11
- 12
- 13 *Presbytery met*
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21 *Sowed seeds on hotbed*
- 22
- 23
- 24
- 25
- 26
- 27 *Very cold.*
- 28 *Hard frost thick ice, great damage*
- 29 *do do do*
- 30 *Rather milder. Sowed sweet peas.*
- 31 *Sowed Am. & per. flower seeds, without Dahlia &c*

on (Friday).
 HART'S.

THE PERTH SEED STORE
 Still keeps its reputation for Seeds of the most reliable qualities, and for the best
 assorted and largest stock of
Garden and Agricultural Seeds in the County.
JOHN HART.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|-----------|----------|-----------|----------|----------|----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon..... | 8 | 3 31 ev. | 3 1 ev. | 2 53 ev. | 2 43 ev. | 2 31 ev. | 2 23 ev. |
| La-t Quarter..... | 15 | 10 16 mo. | 9 46 mo. | 9 38 mo. | 9 28 mo. | 9 16 mo. | 9 8 mo. |
| New Moon..... | 22 | 1 14 mo. | 0 44 mo. | 0 36 mo. | 0 25 mo. | 0 14 mo. | 0 6 mo. |
| First Quarter..... | 29 | 1 56 mo. | 1 26 mo. | 1 11 mo. | 1 8 mo. | 0 56 mo. | 0 48 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 Whitsunday.
 2 Clear and warm weather.
 3 Sultry and cloudy.
 4 Thunder with local showers.
 5 St Boniface.
 6 Unsettled, but tending
 7 to rain and wind.
 8 Trinity Sunday.
 9 Showery and cool.
 10 Windy and cloudy.
 11 St. Barnabas.
 12 A term of heat for
 13 this day and next.
 14 St. Basil the Great.
 15 1st Sunday after Trinity.

- D
 16 Another hot day.
 17 St. Alban's Martyr.
 18 Thunder with vivid lightning.
 19 Much cooler and fine,
 20 which continues for these
 21 two or three days.
 22 2nd Sunday after Trinity.
 23 Another fine warm day.
 24 St John Baptist.
 25 The New Moon has brought
 26 clouds and storms.
 27 Thunder and squalls.
 28 A fine warm day.
 29 3rd Sunday after Trinity.
 30 29 St. Peter's day.

A fine assortment of plain and shaded Embroidery and Filoselle
 Silks, Berlin and Crewel Wools, Patterns, &c., &c., at HART'S.

on Sunday.

884.]

MEMORANDUM FOR JUNE.

17

| | |
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| to. | London. |
| h. m. | |
| 2 23 ev. | |
| 9 8 mo. | |
| 0 6 mo. | |
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ing.

at

- 1
- 2 *Send letter peppercorn, sweet herbs, etc. Rev. T. and flowers to*
- 3
- 4 *Genl. Assembly meets at Toronto.*
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- 24 *By. of Students for 2 lessons commences*
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HART'S. Card Board Mottoes, and Motto Frames, 8 x 21, in various styles and prices. Book Markers, Perforated Card Board, Shaded Silks and Wools in all colors, &c., at HART'S, Perth, Ont.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|----------|----------|-----------|----------|----------|----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon..... | 7 | 5 52 mo. | 5 22 mo. | 5 14 mo. | 5 4 mo. | 4 52 mo. | 4 44 mo. |
| Last Quarter..... | 15 | 5 20 ev. | 4 50 ev. | 4 42 ev. | 4 32 ev. | 4 20 ev. | 4 12 ev. |
| New Moon..... | 21 | 1 14 mo. | 0 44 mo. | 0 36 mo. | 0 26 mo. | 0 14 mo. | 0 6 mo. |
| First Quarter..... | 29 | 8 35 mo. | 8 5 mo. | 7 57 mo. | 7 47 mo. | 7 35 mo. | 7 27 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D**
- 1 DOMINION DAY.
 - 2 Visitation of Virgin Mary.
 - 3 Prospects unsettled,
 - 4 but warm and sultry.
 - 5 Some thunder and heat.
 - 6 4th Sunday after Trinity.
 - 7 Rain storm in West.
 - 8 Changeable weather.
 - 9 Very warm generally.
 - 10 Heat continues, and
 - 11 heavy showers follow.
 - 12 Fine and cooler to-day.
 - 13 5th Sunday after Trinity.
 - 14 Good prospects for haying.
 - 15 St. Swithin's Day.
 - 16 Steady and agreeable.

- D**
- 17 Continues fine, and
 - 18 these three days are
 - 19 grand and beautiful.
 - 20 6th Sunday after Trinity.
 - 21 New moon to-day and
 - 22 with it a change of weather.
 - 23 Cool winds and some
 - 24 clouds, but little rain.
 - 25 St. James the Apostle.
 - 26 A fine warm day.
 - 27 7th Sunday after Trinity.
 - 28 27 St. Joseph of Arimathea.
 - 29 Continues warm, and
 - 30 the month closes with
 - 31 cooler weather.

Thermometers, various styles, and the Patent Flange Dairy Thermometers, for sale at HART'S Bookstore. Get one, and See how warm it is.

on Tuesday, 1884.]

MEMORANDUM FOR JULY.

19

| mo. | London. |
|--------------|---------|
| h. m. | |
| mo. 4 44 mo. | |
| ev. 4 12 ev. | |
| mo. 0 6 mo. | |
| mo. 7 27 mo. | |

| omnion. | Sun on Meridian. |
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| m. | h. m. s. |
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| 9 | 5 00 |
| 1 | 5 16 |
| 52 | 5 23 |
| 43 | 12 5 30 |
| 34 | 5 37 |
| 25 | 5 43 |
| 15 | 5 49 |
| 4 | 5 54 |
| 54 | 5 58 |
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| 14 | 12 6 6 |
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| 4 | 6 13 |
| 3 | 6 14 |
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Recvt

The Farmer should this year make every possible effort to make only the best "Gilt Edge Butter" - it pays, as Butter will be bought on its merits. Use a Patent Flange Thermometer to get the proper degree of heat.

try Ther-

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|-----------|-----------|-----------|-----------|-----------|-----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon..... | 6 | 6 48 ev. | 6 18 ev. | 6 10 ev. | 6 00 ev. | 5 48 ev. | 5 40 ev. |
| Last Quarter..... | 13 | 10 40 ev. | 10 10 ev. | 10 2 ev. | 9 52 ev. | 9 40 ev. | 9 32 ev. |
| New Moon..... | 20 | 5 35 ev. | 5 5 ev. | 4 57 ev. | 4 47 ev. | 4 35 ev. | 4 27 ev. |
| First Quarter..... | 27 | 6 23 mo. | 10 53 mo. | 10 45 mo. | 10 35 mo. | 10 23 mo. | 10 15 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 *Lammas Day.*
 2 A very warm day.
 3 *8th Sunday after Trinity.*
 4 *St. Dominic's Day.*
 5 Thunder and storms.
 6 *Transfiguration of Our Lord.*
 7 Full moon yesterday.
 8 No special change,
 9 but very hot and sultry.
 10 *9th Sunday after Trinity.*
 11 *10th St. Lawrence Day.*
 12 Look out for windy
 13 and unsteady weather
 14 for some days. But it
 15 will not be much cooler
 16 before the 20th.

- D
 17 *10th Sunday after Trinity.*
 18 A fine day and the
 19 prospect is that it will
 20 now be somewhat cooler.
 21 *St. Francois de Sales.*
 22 Another fine clear day.
 23 Clouds and showers.
 24 *11th Sunday after Trinity.*
 25 *21th St. Bartholomew.*
 26 Harvesting all over the
 27 West in rapid progress.
 28 Changeable weather.
 29 A very fine day.
 30 Cooler and pleasant.
 31 *12th Sunday after Trinity.*

The best Machinery Oils are the most profitable. For the Mowing

| Onto. | | London. | |
|-------|----------|---------|-----------|
| m. | h. m. | m. | h. m. |
| 8 ev. | 5 40 ev. | 9 ev. | 9 32 ev. |
| 9 ev. | 4 27 ev. | 10 mo. | 10 15 mo. |

| Dominion. | |
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| m's | Sun on Meridian. |
| m. | h. m. a. |
| 7 50 | 12 6 2 |
| 7 34 | 5 57 |
| 7 18 | 12 5 82 |
| 7 2 | 5 47 |
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| 4 45 | 4 41 |
| 4 26 | 4 31 |
| 4 8 | 4 19 |
| 3 49 | 4 8 |
| 3 30 | 3 56 |
| 3 10 | 12 3 44 |
| 3 51 | 3 36 |
| 3 31 | 3 16 |
| 3 11 | 3 5 |
| 2 51 | 2 47 |
| 2 31 | 2 36 |
| 2 11 | 2 17 |
| 2 50 | 12 2 1 |
| 2 29 | 1 44 |
| 2 8 | 1 27 |
| 1 47 | 1 10 |
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| 1 5 | 0 35 |
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- 21 *Exquisitely warm for a week*
- 22 *boiler*
- 23 *boiler*
- 24 *Zustecold*
- 25 *Slight frost. Nothing injured in the garden (white frost)*
- 26 *Breakfasting needs*
- 27
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For the

and Reaping Machines get Fine Olive, Extra Lard, Heavy Engine or Stock's Extra. The best always at HART'S,

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|----------|----------|-----------|----------|----------|----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon..... | 4 | 6 37 mo. | 6 7 mo. | 5 59 mo. | 5 49 mo. | 5 37 mo. | 5 29 mo. |
| Last Quarter..... | 11 | 3 58 mo. | 3 28 mo. | 3 20 mo. | 3 10 mo. | 2 58 mo. | 2 50 mo. |
| New Moon..... | 18 | 5 18 mo. | 4 48 mo. | 4 40 mo. | 4 30 mo. | 4 18 mo. | 4 10 mo. |
| First Quarter..... | 26 | 6 2 mo. | 5 32 mo. | 5 24 mo. | 5 14 mo. | 5 2 mo. | 4 54 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
- 1 St. Giles' Day.
 - 2 Some wind with rain.
 - 3 A rather dull day.
 - 4 Full moon to-day, and forebodes pleasant days
 - 5 with very cool nights.
 - 7 13th Sunday after Trinity.
 - 8 Nativity of the Virgin Mary.
 - 9 Cool damp weather for some days, and toward the end of this week look out for wind and rain generally.
 - 14 14th Sunday after Trinity.
 - 15 The weather is cool.

- D
- 16 The wind changeable.
 - 17 Rain may be looked for.
 - 18 The nights are cold.
 - 19 It is warmer to-day, and now for wind storms.
 - 21 16th Sunday after Trinity.
 - 22 St. Matthew's Day.
 - 23 Take care of vines, for we shall have frost this week. Cold rains may be expected for some days to come.
 - 28 18th Sunday after Trinity.
 - 29 St. Michael and all Angels.
 - 30 A fine cool day.

Outside Painting should now be in order. All outside work should be looked after, and where Painting is required, do it

before

| From. | London. |
|--------|----------|
| m. | h. m. |
| 37 mo. | 5 29 mo. |
| 58 mo. | 2 50 mo. |
| 18 mo. | 4 10 mo. |
| 2 mo. | 4 54 mo. |

| Dominion. | |
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| Sun's declina. | Sun on Meridian |
| h. m. | h. m. |
| 8 00 | 11 59 |
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| 5 46 | 11 57 4 |
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| 3 29 | 55 3 |
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| 5 6 | 11 55 1 |
| 2 43 | 54 5 |
| 2 20 | 54 3 |
| 1 57 | 54 1 |
| 1 33 | 53 5 |
| 1 10 | 53 3 |
| 1 47 | 53 0 |
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(Deceased) Court

Extremely hot for several days, heavy rain, evening

Regatta - Civic Holiday

Frost - Dahlia's & blackened, Fine in Plover Stone.

Charany, Mocksville, Chum allor

before the weather breaks up. You can always get the Best Paints and Oils at HART'S, with directions how to use them.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|------|----------------|----------------|---------------|----------------|----------------|----------------|
| Full Moon..... | D. 4 | h. m. 5 41 ev. | h. m. 5 11 ev. | h. m. 5 3 ev. | h. m. 4 53 ev. | h. m. 4 41 ev. | h. m. 4 33 ev. |
| Last Quarter..... | 10 | 10 10 ev. | 9 40 ev. | 9 32 mo. | 9 22 mo. | 9 10 mo. | 9 2 mo. |
| New Moon..... | 18 | 8 13 ev. | 7 43 ev. | 7 35 ev. | 7 25 ev. | 7 13 ev. | 7 5 ev. |
| First Quarter..... | 26 | 0 36 ev. | 0 6 ev. | 11 58 ev. | 11 48 ev. | 11 36 ev. | 11 28 ev. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 Month opens pleasantly,
 2 and continues quite
 3 fine for three days.
 4 Full moon to-day.
 5 17th Sunday after Trinity.
 6 Changeable and cloudy.
 7 Rain and wind.
 8 Approaching frost, and
 9 yet on the whole very
 10 pleasant weather.
 11 A fine cool day.
 12 18th Sunday after Trinity;
 13 Variegated foliage,
 14 which indicates the change
 15 of seasons. Autumnal
 16 appearances all around.

- D
 17 Cold rain and wind.
 18 A clear cool day.
 19 19th Sunday after Trinity.
 20 Wind and rain.
 21 Considerable frost, but
 22 yet fine and seasonable.
 23 Sun shines out fine.
 24 A very pleasant day.
 25 St. Crispin's Day.
 26 20th Sunday after Trinity.
 27 All serene but cool.
 28 Fine day with wind,
 29 Cloudy and damp.
 30 Pleasant but cool.
 31 HALLOWEEN.

The nights are now getting long, see that you get a good Reading Lamp and a good Book, and enjoy them.

1884.]

MEMORANDUM FOR OCTOBER.

| Toronto. | London. |
|----------|-----------|
| h. m. | h. m. |
| 1 41 ev. | 4 33 ev. |
| 1 10 mo. | 9 2 mo. |
| 1 13 ev. | 7 5 ev. |
| 3 36 ev. | 11 28 ev. |

ie Dominion.

| Sun's Declina. | Sun's Merid. |
|----------------|--------------|
| D. m. | h. m. |
| 3 39 | 11 49 |
| 3 53 | 49 |
| 4 16 | 49 |
| 4 39 | 48 |
| 5 2 | 11 49 |
| 5 25 | 47 |
| 5 48 | 47 |
| 6 11 | 47 |
| 6 34 | 47 |
| 6 56 | 46 |
| 7 19 | 46 |
| 7 42 | 11 49 |
| 8 4 | 46 |
| 8 26 | 45 |
| 8 49 | 45 |
| 9 11 | 45 |
| 9 34 | 45 |
| 9 54 | 45 |
| 10 17 | 11 49 |
| 10 39 | 44 |
| 10 59 | 44 |
| 11 21 | 44 |
| 11 42 | 44 |
| 12 2 | 44 |
| 12 23 | 44 |
| 12 44 | 11 49 |
| 13 4 | 43 |
| 13 24 | 43 |
| 13 44 | 43 |
| 14 3 | 43 |
| 14 23 | 11 49 |

- 1
- 2
- 3
- 4
- 5
- 6 *Spugs, Cameron J*
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15 *Had frost. Everything in garden killed. Dishes in the house are now*
- 16
- 17
- 18 *Slight snows first this season*
- 19
- 20 *On my way to town Monday till Tuesday*
- 21
- 22
- 23
- 24
- 25
- 26 *See Melbourne, 180 years*
- 27
- 28 *Put up drinking room stone*
- 29
- 30
- 31

The Best Coal Oils and Lamp Wicks and Chimneys at lowest prices, and the Celebrated Dollar Lamp at HART'S.

good Rea
m.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto | London. |
|--------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|
| Full Moon..... | D. 2 | h. m. 4 18 mo. | h. m. 3 48 mo. | h. m. 3 40 mo. | h. m. 3 30 mo. | h. m. 3 18 mo. | h. m. 3 10 mo. |
| Last Quarter..... | 9 | 6 54 ev. | 6 24 ev. | 6 16 ev. | 6 6 ev. | 5 54 ev. | 5 46 ev. |
| New Moon..... | 17 | 1 53 ev. | 1 23 ev. | 1 15 ev. | 1 5 ev. | 0 53 ev. | 0 45 ev. |
| First Quarter..... | 25 | 5 55 ev. | 5 25 ev. | 5 17 ev. | 5 7 ev. | 4 45 ev. | 4 37 ev. |

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

CALENDAR, WEATHER ASPECTS, &c.

- 1 ALL SAINTS' DAY.
- 2 21st Sunday after Trinity.
- 3 Full moon yesterday.
- 4 Some disagreeable days.
- 5 from this to the end of
- 6 the week. Much wind with
- 7 cold rains. Not much
- 8 frost for some days.
- 9 22nd Sunday after Trinity.
- 10 A fine cool day.
- 11 St. Martin's Day.
- 12 Stormy and disagreeable.
- 13 Changeable and cold.
- 14 Wind and rain.
- 15 An agreeable day this.

D

- 16 23rd Sunday after Trinity.
- 17 New moon to-day, and
- 18 it forebodes changeable,
- 19 unsettled weather.
- 20 Some wind and rain.
- 21 A cool but fine day.
- 22 St. Cecilia's Day.
- 23 14th Sunday after Trinity.
- 24 23rd St. Clement's Day.
- 25 Very dull days, with
- 26 considerable rain West.
- 27 Far East there will be
- 28 snow areas. Cold.
- 29 30th ST. ANDREW'S DAY.
- 30 Advent Sunday.

We have a large Stock of Glass, which we cut to any size for
Windows or pictures at low prices, J. HART.

| Toronto | London. |
|---------|----------|
| . m. | h. m. |
| 18 mo. | 3 10 mo. |
| 54 ev. | 5 46 ev. |
| 53 ev. | 0 45 ev. |
| 45 ev. | 4 37 ev. |

| Sun's Declina. | Sun's Merid. |
|----------------|--------------|
| d. m. | h. m. |
| 14 42 | 11 43 |
| 15 1 | 11 43 |
| 15 20 | 43 |
| 15 38 | 43 |
| 15 56 | 43 |
| 16 14 | 43 |
| 16 32 | 43 |
| 16 49 | 43 |
| 17 6 | 11 44 |
| 17 23 | 44 |
| 17 39 | 44 |
| 17 56 | 44 |
| 18 12 | 44 |
| 18 27 | 44 |
| 18 42 | 44 |
| 18 57 | 11 45 |
| 19 12 | 45 |
| 19 26 | 45 |
| 19 40 | 45 |
| 19 53 | 45 |
| 20 7 | 46 |
| 20 19 | 46 |
| 20 32 | 11 46 |
| 20 44 | 47 |
| 20 55 | 47 |
| 21 7 | 47 |
| 21 17 | 48 |
| 21 28 | 48 |
| 21 38 | 48 |
| 21 47 | 11 49 |

- 1
- 2
- 3
- 4 Partly fair. Snow & Rain
- 5 Snow. Evening very cold
- 6 Coldest night so far. Thanksgiving!
- 7
- 8 Put up coal stove & made fire in it. (New fire pot in it.)
- 9
- 10
- 11 Took up Dahlias, & Gladioli. Mild
- 12 Planted Tulips. 200 in pots. Many more
- 13 Banking up roads. Putting flower stalks away under
- 14 25° under bed.
- 15 20° morning
- 16
- 17
- 18 16° above zero
- 19 11° " "
- 20 16° " "
- 21 22° " "
- 22
- 23 Heavy rain. Under mits
- 24
- 25 15° above zero. Presbytery meets
- 26
- 27 Thanksgiving Day in United States
- 28 Mild
- 29
- 30 2 or 3 in snow
- 31

ny size for Paints and Oils, we offer the best value in Paints and Oils. Our "Imperial" White Lead still heads the list of a first-class uniform White Paint. JOHN HART.

| Moon's Phases. | | Halifax. | Quebec. | Montreal. | Perth. | Toronto. | London. |
|--------------------|----|----------|----------|-----------|----------|----------|----------|
| | D. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon..... | 2 | 2 41 ev. | 2 11 ev. | 2 3 ev. | 1 53 ev. | 1 41 ev. | 1 33 ev. |
| Last Quarter..... | 8 | 7 12 mo. | 6 42 mo. | 6 34 a.o. | 6 24 mo. | 6 12 mo. | 6 4 mo. |
| New Moon..... | 16 | 9 6 mo. | 8 36 mo. | 8 28 mo. | 8 18 mo. | 8 6 mo. | 7 58 mo. |
| First Quarter..... | 24 | 9 2 mo. | 8 32 mo. | 8 24 mo. | 8 14 mo. | 8 2 mo. | 7 54 mo. |
| Full Moon..... | 31 | 1 10 mo. | 0 40 mo. | 0 30 mo. | 0 20 mo. | 0 8 mo. | 0 0 mo. |

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

CALENDAR, WEATHER ASPECTS, &c.

- D
 1 A clear cold day.
 2 Full moon this evening.
 3 Bright and cold.
 4 Early snow storms,
 5 but not enough for
 6 sleighing in central Canada.
 7 2nd Sunday in Advent.
 8 Immaculate Conception Day.
 9 Windy and cloudy.
 10 A wintry day, but
 11 not yet settled.
 12 Cold rain or snow.
 13 Continues cold.
 14 3rd Sunday in Advent.
 15 A fine yet frosty day.
 16 New moon this morning.

- D
 17 Changeable aspects.
 18 Settling for severe cold
 19 weather with snow.
 20 21st St. Thomas' Day.
 21 4th Sunday in Advent.
 22 REMEMBER THE POOR.
 23 A cold yet sunny day.
 24 No particular change.
 25 CHRISTMAS DAY.
 26 St. Stephen's Day.
 27 St. John the Evangelist.
 28 Sunday after Christmas.
 29 28th Holy Innocents.
 30 You may expect good
 31 sleighing for New Year's day.

This month we call your attention to our splendid display of Xmas and New Year Cards. Our new and enlarged Store gives every facility for making your selections early. J. HART.

Monday, 1884.]

MEMORANDUM FOR DECEMBER.

29

London.

| | |
|-------|----------|
| h. m. | 1 33 ev. |
| 6 | 4 mo. |
| 7 | 54 mo. |
| 0 | 0 mo. |

noon.

Sun on Meridian.

| | |
|----------|----------|
| h. m. a. | 11 49 30 |
| | 49 53 |
| | 50 17 |
| | 50 42 |
| | 51 7 |
| | 51 33 |
| | 11 51 59 |
| | 51 25 |
| | 52 53 |
| | 53 21 |
| | 53 48 |
| | 54 17 |
| | 11 55 14 |
| | 55 44 |
| | 56 13 |
| | 57 43 |
| | 57 12 |
| | 57 42 |
| | 58 18 |
| | 11 58 43 |
| | 59 13 |
| | 59 43 |
| | 12 00 13 |
| | 00 42 |
| | 1 12 |
| | 1 42 |
| | 12 2 11 |
| | 2 40 |
| | 2 9 |
| | 12 3 38 |

- 1 2° below zero
- 2 Clearing, strong, squally, 12° below
- 3 M.D.
- 4 "
- 5 "
- 6 "
- 7 Rain last night, very squally.
- 8 2° above
- 9 20° 10 2 inch of snow last night
- 10 M.D.
- 11 8°
- 12 17° above
- 13
- 14 11° above
- 15 10 2 inches snow
- 16
- 17 2° below
- 18 18°
- 19 25°
- 20 21°
- 21 10°
- 22 7° above. Rain a little today, strong when
- 23 7° below
- 24 5°
- 25 5°
- 26 16°
- 27 12°
- 28 2°
- 29 3° above
- 30 3°
- 31 3°

8 lbs. weighing 10° above freezing
 Rain a little today, strong when
 Snowing a little; snow all day 5° in

Our Christmas and New Year Cards are unsold. We offer selections from the best Publishers in the World. Make your selections early this month at HART'S.

Our stock of Electroplated Ware is large and more select than ever, and at no advance over old prices. A lot of Fine Goods for Xmas Presents at HART'S.

... of Xmas
 ... gives
 ... Art.

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 had issue five 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, 1878, and had 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-Alexandrowna, and has issue one son and three daughters.

Her Royal Highness **Helena-Augusta-Victoria**, born May 25, 1846; married July 5, 1866, Prince Frederick Christian of Schleswig-Holstein, and has had 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, late Governor-General of Canada.

His Royal Highness **Arthur-William-Patrick-Albert**, K.G., Duke of Connaught, born May 6, 1850; married March 13, 1879, to Her Royal Highness Princess-Louisa-Margaret.

His Royal Highness **Leopold-George-Duncan-Albert**, Duke of Albany, born April 7, 1853; married 27 April, 1882, to H. R. H. Princess Helena of Waldeck.

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

"PUERPERAL OR MILK FEVER.—Calving is often attended with feverish excitement. The change of powerful action from the womb to the udder causes much constitutional disturbance and local inflammation. A cow is subject to nervousness in such circumstances, which sometimes extends to the whole system, and causes puerperal fever. This complaint is called *dropping* after calving, because it succeeds that process. The prominent symptom is a loss of power over the motion of the hind extremities, and inability to stand; sometimes loss of sensibility in these parts, so that a deep puncture with a pin or other sharp instrument is unfelt.

JANUARY.—It may not be amiss for you to know that the very best thing to use in the henhouse under the roosts, or to mix with the contents of the vaults is a clear sharp cut sand about such as masons use in mixing mortar. It absorbs all the valuable salts both of liquids and solids, and does not bake or cake up. When it is to be used it will readily yield the fertility from the hen-dropping and vaults to the plant roots or to the surrounding soil, where the roots will find them. Potash, in the form of silicate of potash, is the only fertilizing property of sand, but the action of decomposition of these fertilizers, which are very rich in nitrogenous matters, liberates or makes soluble that potash, or a part of it, so that it becomes a very good fertilizer for all crops. It is, however, more valuable as a top-dressing for grass and small grains, or to be used in the hill for corn, than for root crops.

Blanks, Deeds, Mortgages, Special Forms, Conveyancing Papers, Seals, &c. JOHN HART.

His E
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General
Govern
Aide-c
Deput
Meredith

Their
Quebec
wick; H
Hon. E
Columb

Prem
K.C.B.
Canals
ter of I
Ministe
W. McI
J. A. C
Interior
of Jus

One
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DOMINION OF CANADA.

Seat of Government, Ottawa.

GOVERNOR-GENERAL.

His Excellency the Right Honorable Henry Charles Keith Petty Fitzmorris, Earl of Kerry and Shelburne, Marquis of Lansdowne, &c., &c., &c., Governor-General of the Dominion of Canada and Vice-Admiral of the same.

Governor-General's Secretary.—Lord Melgund.

Aide-de-camp.—Lieutenant B. Sweatfield, Grenadier Guards.

Deputy Governors to sign Money Warrants.—Wm. A. Himsworth 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. J. C. Aitkin, Manitoba; Hon. Edgar Dewdney, North-West Territories; Hon. G. F. Cornwall, British Columbia.

COMMANDING HER MAJESTY'S FORCES IN BRITISH NORTH AMERICA.

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CHEESE.—The manufacture of cheese in this country is very rapidly being concentrated into a wholesale business by means of the factory system, it being generally found that in the wholesale operation there is sufficient economy to enable the manufacturers to pay to the farmer a higher price for his milk than it would yield if manufactured at home. The further fact exists, that cheese so manufactured according to a regular system, large quantities being made at the same time, is generally of better quality than it is possible to attain in smaller workings. So strikingly true is this, that in England, Canadian factory-made cheeses are taking the precedence of all others, except the peculiar fancy brands, such as Stilton, Cheddar, etc.; and here as well as there it is a recognized fact that the factory-made cheeses are generally superior to any others.

FEBRUARY.—It is generally understood that the first year's growth of a calf or colt is of more value than the two following, and should therefore be promoted as much as possible. During the first year the foundation is laid, and, if dwarfed or cramped from starvation or neglect or improper food, these animals scarcely ever fully recover. The time to make good strong, large frames is the first year, and without such frames the prospect for a good draught horse or for good beef is not very encouraging. It is certain that corn and oats are too hard to digest for young beasts and often produce disease of the stomach or mouth. There is probably no food better adapted for promoting the rapid growth of young stock, than ground oil-cake, and in fact there is nothing better for all kinds of stock. Old and weary horses may be made fat and sleek and useful by good properly ground oil-cake.

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A WELL-MANAGED grain farm should sell grain, clover-seed, meat, wool, cheese and butter—but not hay, corn-stalks, or straw, until it has become so fertile by its own self-sustaining and creative powers that too much straw is produced in the grain crops. Then, perhaps, it will do to sell a little hay—when it brings a large price.

MARCH.—The numerous farmers who possess only small areas, say about eighty acres, are not therefore cut off from stock rearing or feeding. They have some advantages over large farmers. The care of a small number of animals may well come in with the other work of the farm, without noticeable increase of expenditure, either of money or physical strength. When land is fully used there is a large quantity of produce on an eighty acre farm, which can be profitably utilized by farm animals. Rotation of crops is nearly always essential to the best farming. Grass and clover should always have a prominent place in this rotation. It is better to use these on the farm than to sell them. In corn stalks and leaves there are stores of good food, which may be made of better use than turning them under the surface. If the smaller farms of the country were well-stocked with animals they would become important as affecting profits.

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APRIL.—The Toronto *Globe* asks, "Shall we kill the sparrows?" and then proceeds to say a good deal in favour of the twittering bird. The general opinion appears to be that the sparrow is a serious depredator on the crops, but on this point there exists considerable doubt. Laws have been passed in some of the United States against the sparrows, but on the other hand there are those who maintain that, although the little bird takes a little grain, it amply pays for it in destroying insects injurious to the farm. The farmers of one district in Pennsylvania protest against the destruction of the sparrow which has been wrought in that State, and affirm that since its numbers have been reduced by the outbreak of popular prejudice against it, the caterpillars have renewed their ravages in the orchard and in the grain field. It would seem, therefore, that the sparrow-life may be defended.

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SPRING PLOWING—except in plowing grass land for corn—should be done as early as is consistent with a proper regard to the state of the land. It is better not to plow clay land at all than plow it when wet; but take the first opportunity when it is dry enough to do as much as possible, not only for the sake of getting so much of the work out of the way, but to give the air as much time as possible to act on the newly-turned ground.

THERE IS A PERIOD in new countries in which bad farming is almost universal; then comes the necessity of reform, and reform becomes the order of the day. So far as we know, farming is now improving in all the older sections of the country, except, perhaps, in the neighborhood of cities. The temptation to raise hay and sell it at high prices, in a great city, leads to the worst farming that has come under our notice. Whenever we hear a farmer say that he pays fifty or sixty dollars an acre for manure to put on his fields, and then learn that this manure is mostly straw that has become stained a little in some city stable, fifty or more miles from where it is applied as manure, we are quite apt to tell that farmer that his money has been badly laid out, and that, in a proper system of mixed husbandry, and with a proper rotation of crops, he would have saved this expense.

MAY.—On the question of feeding ashes to horses, a veterinary surgeon gives the following testimony: "I have been a long time battling against the use of salt and ashes. Why men will persist in feeding ashes I cannot see. If asked what good effect they have on a horse, their most sanguine advocate cannot tell; neither can I. One thing I do know, that those who feed ashes would not dare to hold their finger in lye for any great length of time. If the salt is left out the poor brute will exhibit more sense than his owner by refusing the ashes alone. I would never think of administering ashes to a horse, until I had been convinced that it had some good effects, which is quite improbable. Quit its use, and I am sure you will never regret it." In the West, ashes and salt are given to swine, but perhaps the stomach of a hog may be proof against the corrodng effects of lye.

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Pigs, when carefully managed, are hardy and little liable to disease. Wild breeds in both the Old and New Worlds are remarkably healthy; but it must be recollected that they constantly breathe pure fresh air, have regular exercise, feed moderately on roots and fruits, and carefully avoid all kinds of filth; for they are naturally a very cleanly race, and indulge in wallowing in the mire, not from any love of filth, as is generally supposed, but, like the elephant, rhinoceros, and other pachydermata, for the purpose of protecting their skins from the attacks of insects. In a state of domestication, however, their condition is usually very different. They are cooped up in narrow, damp, and dirty sties, and constrained to inhale all kinds of noxious vapors, and to eat coarse, innutritious, and unsuitable food. We cannot, then, be surprised that under such circumstances they should not only become the victims of disease from which in their natural state they are free, but should also transmit to their progeny a weakened and morbidly predisposed constitution. But we believe that much of the hereditary disease of pigs is due to another cause than that just indicated, viz.: breeding in-and-in. * * * In several cases which have come under our own observation, it has induced total ruin of the entire stock. At first it merely rendered the animals somewhat smaller and finer than before, and improved rather than injured their fattening properties. Very soon, however, it caused a marked diminution in size and vigor, and engendered a disposition to various forms of scrofulous disease, and to rickets, tabes mesenterica, and pulmonary consumption.

JUNE.—Some important hints may be found in this paragraph about feeding. Food in which putrefaction has commenced is not good for man or beast. The blood produced cannot be free from germs of disease and decay. Impure blood can only create flesh tainted with its own impurities, and these impurities will reach as far as the circulation of the blood extends. Take the case of swine: they will eat any thing, and thrive upon food that would be rejected by other animals. Unfortunately any thing is considered good enough for pigs. Yet if corrupt food is given to sows with young pigs, it will be found that the pigs will speedily sicken and die. If the milk of a sow fed on unwholesome food can be poisoned so as to be unfit food for her young, would the milk of a cow fed upon similar food be fit for the delicate stomachs of children? So also, poultry grown on such food cannot be nourishing to invalids. All impurity is injurious.

Blank Record Books, Day Books, Cash Books, Ledgers, &c., at
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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 one 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.

MATTERS WHICH CANNOT BE FORWARDED THROUGH THE POST.

Any explosive substance, glass, with the exception of spectacles or eye-glasses, liquid, 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.

JULY.—A word or two about cutting oats may be of service. They should be cut earlier than is usual. Where there are wheat and oats on the same farm they are generally both ripe about the same time, and then the practice is to cut the wheat first, and if delayed by rains the oats are generally what is called dead ripe, and badly crippled before they can be harvested. Oat straw, if cut and cured when a little green, is better than hay when that is cut dead ripe. Cut oats before the wheat, or when just out of the milk state. Wait every morning until the dew is off, and in small bundles, and shock so that air can pass through. The oats will then be heavy, sweet, and nutritious. If you stack oats be careful to let the straw settle outwards and not inwards. Oatmeal millers find it hard to get oats which are perfectly sweet. One mouldy bundle will spoil a large quantity of meal.

Bibles, Testaments and Prayer Books, in every style of Binding and Type. Church Service and Prayer Books, Catechisms and Hymn Books (all Denominations), at the Perth Book Store.

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.

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.

It is to be clearly understood that Registration does not make the Postmaster General responsible for the contents of a letter if lost or stolen.

NEWSPAPERS AND PERIODICALS.

Newspapers and Periodicals Addressed to Places in Canada, Newfoundland, Great Britain by Canadian or United States Mails.

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 by stamp.

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

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 more than 4 ozs.....6 cents.

For do exceeding 4 ozs., and not exceeding 8ozs.....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.

AUGUST.—You may be very busy this month, for there are many things requiring your attention. It is a harvest month, especially in Central Ontario and Quebec. But if you can at all manage to make it convenient you will find it profitable to get some ploughing done. Green sward ploughed in August will get well rotted before winter, and will be fit to plant next spring to almost any farm crops. If ploughed early the weeds will start, and they can be killed with the cultivator, or perhaps destroyed by frost before they go to seed again, thus leaving so many less enemies to contend against next spring. Good farmers say that land ploughed this month will grow better crops, and can be taken care of with much less labor than the same land ploughed in the spring, or even late in the fall. It is therefore every way to the farmer's advantage to get at his ploughing as early as August.

Sankey's Gospel Hymns with or without music, Nos. 1, 2, 3 & 4, or the combined Edition, Church Hymn Books, Catechisms, Prayer Books, &c., at HART'S.

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, &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.

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 a 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 rates will be charged.

The weight of packages of seeds, cuttings, bulbs, roots, scions or grafts, 4 lbs., and all other miscellaneous matters are limited to 4 pounds in weight, 24 inches in length, and 12 inches in breadth or depth. To all parts of British Columbia, the North West, and Manitoba, except the City of Winnipeg, the limit of weight is 2 pounds 3 oz.

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.

HORNED CATTLE.—In the treatment of dairy stock and other horned cattle, the extent to which it becomes necessary to resort to medical or surgical treatment, except for very simple ailments, will be, in a great degree, in proportion to the observance or neglect of the fundamental principles of breeding and management. Long-continued in-and-in breeding, or the breeding from sires and dams tainted with hereditary diseases, or weakened by neglect or ill-treatment, will inevitably result in the deterioration of the stock; and medical treatment will become more and more necessary, while such injurious breeding is continued. Deprivation of pure air, pure water, comfortable quarters, good and varied food, will also almost inevitably introduce troublesome and expensive diseases.

The same may be said in this case of the treatment of horses, that is, that simple remedies sensibly applied, the calling in of skillful medical assistants whenever medical assistance is required, and the keeping of the animal under all circumstances in the healthiest possible condition, will generally effect the desired cure, so that blistering and bleeding and purging need almost never be resorted to, and should never be adopted without sound advice.

SEPTEMBER.—The *American Agriculturist*, a very reliable journal, says: "Apple trees allowed to grow and bear fruit in the pastures are worse than no trees at all. After the fruit begins to fall the cattle will be more inclined to spend their time in ranging from one tree to another searching for apples than in eating the grass upon which they should feed. This is one fact which has given rise to the mistake that apples cause a cow to dry her milk. Apples if given in proper quantity and at regular hours, as roots would be given, will increase the milk, and are nearly as valuable for that purpose as roots. When cows break into an orchard and eat too many apples it naturally makes them sick and dries off the milk. If they were to break into the meal chest and gorge themselves with grain, or into the cornfield and eat too many wasting ears, it would have the same effect." Guard, therefore, against the evils alluded to.

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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.

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.

SUCCESS IN ANY BRANCH of stock-raising or feeding will depend, very much, on the skill with which we adapt our food and our management to the special characteristics of the particular breed of animals we keep. Nothing should be done that has a tendency to divert the animal's organic activities from the channel in which they have learned to flow:—for instance, we must not work the bulls of our dairy breeds of cattle, for work will develop the breathing apparatus, and increased breathing will consume, in the production of heat, fat-forming material which should have gone to the increase of cream. This is only a single illustration of a universal principle. It underlies the whole question of the domestication of the animals which have become useful to man, and may be roundly stated thus:—The difference between our domestic animals and their wild ancestors is a difference of development; and this development is entirely within the control of the farmer. He may allow his flocks and herds to retrograde toward the wild type; he may develop still further their useful qualities; or he may give prominence to some feature that is now inconspicuous.

OCTOBER.—To secure fine long-keeping butter we find some useful suggestions in *The Dairy*, which are worth noting and preserving. That journal says: the milk and cream and the manipulation of these must be perfect. Perfection can be secured in one dairy without much difficulty, but less easily with two combined. If the combination be larger there will arise more difficulties. Practically, it is almost impossible. It is also true that one inferior lot of cream or milk will very quickly reduce in quality all that it may be mixed with, to its own low quality. This may be disguised for a time by skillful work, but it will appear sooner or later. It is therefore an essential necessity of the case that even fine creamery goods must be used fresh, or be stored in a very low temperature by the aid of ice to retard this unavoidable effect. Those who prepare butter for the market will do well to keep these hints in mind, for bad butter is bad utterly.

Our Mineral Paints are greatly in favor with Painters for the great variety of beautiful Tints they produce, and are specially adapted for Outside Painting. JOHN HART.

MONEY ORDERS.

Every money order office in the Provinces 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 from any sum up to \$100, and for as many orders of \$100 each as the applicant may require, upon the following terms, viz :

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| 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 :

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| 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.

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.

NOVEMBER.—These notes are read all the year round, and therefore although this is not a month for sowing, we shall say a few words about seeding. Of course every farmer knows that different soils in various conditions require different amounts of seed. It is a common mistake to use too much seed of all kinds, but it is also common to see grain and grass mixed growing together, where a little more seed was required. On low river bottoms it is necessary to sow spring grain rather thick, to prevent damage to the crop from rank weeds. Rich, clean land, in good condition, requires very much less seed than a poor soil, poorly prepared or foul with weeds. Excellent results sometimes come of thin seeding, where the conditions are favorable. It will thus be apparent that every farmer should have scientific knowledge of soil differences and conditions, and knowledge from experience of what his own particular farm may require.

A Household Book, "The Home Cook Book," by Toronto Ladies, the best and most reliable Cook Book published, free by post for \$1.00, at HART'S.

POST OFFICE SAVINGS BANK.

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

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.

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.

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

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.

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.

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.

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.

Each depositor's account is kept in the postmaster 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.

THE LESS cows are exposed to the cold of winter, the better. They eat less, thrive better, and give more milk, when kept housed all the time, than when exposed to the cold. Caird mentions a case where a herd of cows, which had been usually supplied from troughs and pipes in the stalls, were, on account of an obstruction in the pipes, obliged to be turned out twice a day to be watered in the yard. The quantity of milk instantly decreased, and in three days the falling off became very considerable. After the pipes were mended, and the cows again watered as before, in their stalls, the flow of milk returned.

This, however, will be governed much by the weather; for in very mild, warm days it may be judicious not only to let them out, but to allow them to remain out for a short time, to exercise.

DECEMBER.—We are not going to say a word that might in any way retard the settlement of the North West Territories, but we are going to say, that there are tens of thousands of acres of first-class lands in this Province of Quebec which are capable of cultivation, but which are yet unoccupied. There are some efforts making to promote the settlement of our waste lands, but we are altogether too slow in this movement. Perhaps we are absorbing too much capital in railways to afford much toward purchasing and settling the lands of the Province, but railroads pay best where there are plenty of people to use them for themselves and that which may be produced. Colonization schemes may be too much in the hands of speculators, and it behoves the Government to keep a sharp look out, and contribute their means and appliances to the true interests of the people at large.

Conveyancers will find everything in the way of Special Papers, Blank Deeds, Mortgage Forms, &c., at HART'S.

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.

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.

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

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.

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.

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

Emigration Agents of the Dominion in Europe.—London: Sir Charles Tupper, C. B., K.C.M.G., the High Commissioner for the Dominion of Canada, 10 Victoria Chambers, London, S. W.; Private Secretary, J. Calmer. Liverpool: Mr. John Dyke, 15 Water Street. Glasgow: Mr. Thomas Grahame, 40 St. Enoch square. Belfast: Mr. Charles Foy, 29 Victoria Place. Dublin: Mr. Thomas Connolly, Northumberland House.

Immigration Agents in the Dominion.—S. Smith, Hamilton: R. McPherson, Kingston; A. G. Smythe, London; W. J. Wills, Ottawa; J. A. Donaldson, Toronto; J. J. Daly, Montreal; L. Stafford, Quebec; E. Clay, Halifax, N.S.; S. Gardner, St. John, N.B.; W. Hespeler, Winnipeg; J. E. Têtu, Dufferin, Manitoba.

AFTER DUB experimenting with other systems of setting milk, and after a careful examination of the "large-pan" system, we settled on the use of deep cans,—8 inches in diameter and 20 inches deep, filled with milk to within about 3 inches of the top. These cans are ballasted by a heavy "iron-clad" bottom, so that they will float upright. They are placed in the tank, where they float with the surface of the milk an inch or more below the level of the water. This secures a sufficiently rapid reduction of the temperature of the milk to that of the water, which is in our case about 54°, but which would be better to be much lower,—even 40°.

At a temperature of 54° the milk remains sweet until all the cream has risen.

The cream is taken off with a skimming-dipper. It is from 2 inches to 4 inches deep, according to the season.

The churning is done in a "Bullard" churn, which is an oblong box attached to an oscillating table, having a fly-wheel attached to it to regulate its motion. There are no cleats or paddles in this box; the milk is thrown with a "swash" from end to end. We consider it the best of the many churns we have tried, and have had it in use for some years.

The butter is washed in the churn and is quickly worked on a white-oak table. Two persons do the working; one chops the butter well over with a two-handled oak worker, and the other pats the surface, as it is being chopped, with a damp sponge (wrung out of cold water), to remove the exuding water and buttermilk. The mass is repeatedly turned and reworked, and at each turning the table is sponged off.

Salt is then added, at the rate of one ounce to each three pounds of butter, and the salted mass is put into a tin pail and floated in the water-vat to cool. This small quantity of salt can be safely used only when the butter is to be used fresh. Deliveries can be made twice a week. In the case of butter to be packed and sold in bulk, for shipping much more salt will be needed. It must, however, be borne in mind that salt injures—or over-rides—the delicate natural flavor of butter. It is to be used only in such quantity as will give it the necessary keeping quality.

After a few hours it is taken out, worked (not too much) and sponged, and then made up into half-pound pats for market. Each pat is wrapped in a square of damp cloth and put into the delivery-boxes,—ice being used in summer.

Photo-Frames, in Velvet, Ebony, Walnut and Gilt, all sizes and styles, on hand or to order, at HART'S.

1884.

THE DIVISION COURTS FOR THE COUNTY COURT DISTRICT OF LANARK AND RENFREW.

For the year 1884 will be held as follows :
COUNTY OF LANARK.

| Division. | Where Held, | Jany. | March | May, | July. | Sept, | Nov |
|---------------------|------------------|-------|-------|------|-------|-------|-----|
| 1 Perth..... | Court House..... | 9 | 7 | 9 | 11 | 5 | 6 |
| 2 Lanark Village.. | Town Hall | 3 | | 10 | 10 | 6 | 7 |
| 3 Carleton Place.. | Newman's Hall... | 17 | 5 | 7 | 5 | 3 | 4 |
| 4 Smith's Falls.... | Town Hall | 4 | 6 | 8 | 9 | 4 | 5 |
| 5 Pakenham | do | 15 | | 5 | 3 | 1 | |
| 6 Almonte..... | Court Room..... | 16 | 4 | 6 | 4 | 2 | 3 |

COUNTY OF RENFREW.

| | | | | | | | |
|--------------------|-------------------|----|----|----|----|----|---|
| 1 Pembroke..... | Court House | 9 | 6 | 16 | 9 | 12 | 6 |
| 2 Beachburg | Town Hall | 4 | 15 | | 11 | 11 | |
| 3 Renfrew | do | 15 | 11 | 30 | 16 | 2 | 5 |
| 4 Arnprior..... | do | 17 | 12 | 13 | 18 | 9 | 4 |
| 5 Dacre..... | School House..... | 16 | 21 | | 17 | 3 | |
| 6 Eganville..... | Court Room..... | 22 | | 23 | 3 | 5 | |
| 7 Cobden..... | Town Hall..... | 14 | | 14 | 15 | 10 | |
| 8 Brudenell..... | do | 23 | | 22 | | 4 | |

NAMES AND ADDRESSES OF CLERKS, COUNTY OF LANARK.

1st Division—Robert Jamieson, Perth; 2nd Division—Wm. A. Field, Lanark Village; 3rd Division—F. McEwen, Carleton Place; 4th Division—W. M. Keith, Smith's Falls; 5th Division—John Cowan, Pakenham; 6th Division—J. W. Manning, Almonte.

NAMES AND ADDRESSES OF CLERKS, COUNTY OF RENFREW.

1st Division—Wm. Irving, Pembroke; 2nd Division—Thomas Thwaites, Beachburg; 3rd Division—George Eady, jun., Renfrew; 4th Division—George E. Neilson, Arnprior; 5th Division—Dacre; 6th Division—James Reeves, Eganville; 7th Division—Alexander McLaren, Osceola; 8th Division—John C. Gurney, Rockingham.

All the Courts open at 9 a.m., excepting the January Sitzings, which will open at 10 a.m.

JNO. DEACON, Co. J.
W. S. SENKLER, Co. J.

IN THE COUNTIES OF LANARK AND RENFREW FOR 1884.

The Sitzings of the County Court and Surrogate Terms begin January 1st, and January 5th; begin April 1st, end April 5th; begin July 1st, end July 5th; begin October 1st, end October 4th.

SITTINGS OF COUNTY COURTS WITHOUT JURY.

The first Tuesday in April and October.

Special Sitzings appointed as business requires.

GENERAL SESSIONS AND COUNTY COURT WITH JURY.

In County Lanark, 10th of June and 9th December. In County Renfrew, 3rd June and 2nd December.

Choice Toilet Articles, Fancy Soaps, Washes, &c. Fine Toilet Soaps. Various qualities, by the best makers, in Honey, Glycerine, Sunflower, Windsor, Hair Brushes, Tooth Brushes, Toilet Glasses, Combs, &c., &c., For sale at HART'S.

sizes and

COUNTY OF LANARK.

Judge.—William S. Senkler, Perth, P. O.

Sheriff.—James Thomson, Lanark, Perth, P. O.

E. G. Mallock, County Crown Attorney and Clerk of the Peace, Perth; W. S. Senkler, Master and Deputy Registrar in the Court of Chancery, Perth.

Charles Rice, Deputy Clerk of the Crown and Pleas, Registrar of Surrogate Court, and Clerk of the County Court, Perth.

S. S. Dickson, Warden; Thomas Brooke, County Clerk; W. W. Berford, Treasurer; James Bell, Perth, Registrar S. R.; John Menzies, Almonte, Registrar N. R.; D. Kellock, collector Inland Revenue, County of Lanark.

Inspector Weights and Measures.—A. Code, Carleton Place.

License Commissioner, S. R.—Thomas Cairns and Hugh Ryan; Inspector, Henry Stafford, Perth, P. O.

License Commissioners, N. R.—Joseph Jamieson, A. McArthur and Boyd Caldwell; Inspector, J. W. Manning, Almonte, P. O.

COUNTY BOARD OF EXAMINERS.

COUNTY OF LANARK.

F. L. Michell, B. A., County Inspector and Chairman, Perth, P. O.

EXAMINERS.

Rev. R. L. Stephenson, M. A., Perth, P. O.

Rev. S. Mylne, Smith's Falls, P. O.

Rev. Wm. Bain, D. D., Perth, P. O.

This Board exists only for the examination of those Candidates who, having obtained a non-professional certificate, and having attended a session at the County Model School, are entitled to present themselves for a regular third-class certificate.

Any information on matters relating to the Board, or on Education, can be had on application to the County Inspector.

PERTH.

POPULATION OVER 4,000.

The County Town of the County of Lanark is situated on the River Tay, and is the terminus of the Perth branch of the Canadian Pacific Railway.

The C. P. R. Company have erected here large and extensive car works for the construction of passenger coaches, box and flat cars, repairs, etc., for their extensive system of railways, including the Ontario and Quebec R.R., which begins here, and will be in operation early this year.

The Midland Railway Company have also under construction the Toronto and Ottawa Railway, and is under contract to be completed this year. With these railways in operation, giving direct communication with the East and West, Perth will be the most important railway centre in Canada.

Perth is the centre of a rich mining district, the deposits of Mineral Phosphate (Apatite), Magnetic and Hematite Iron ores, Gold, Silver, Mica, &c., &c., are all being developed, and are found in largely paying quantities. The Apatite Mines have been worked for years, and are the richest in Canada.

Nickel Silver Tea, Dessert and Dinner Spoons and Forks, all new patterns, and a fine lot of Silver-plated and Ivory-handled Dessert and Tea Knives at HART'S.

CORPORATION.

A. J. MATHESON, MAYOR.

COUNCILLORS.

West Ward.

Alex. C. Shaw,
William J. Pink,
Duncan Kippen.

Centre Ward.

William Butler,
William Meighen,
T. A. Code.

East Ward.

William Northgraves,
Ben. Wright,
John McCann.

Thomas Brooke, clerk; Henry Moorehouse, treasurer; Walter Detterick, messenger; Robert Stone, chief constable; Robert Jamieson, collector; Walter Detterick, market clerk.

PERTH BOARD OF EDUCATION.

Thomas Brooke, Chairman.
Henry Moorehouse, Treasurer. Charles Rice, Secretary.

Trustees Nominated by the Council.

John A. MacLaren, Thomas Cairns, Rev. R. L. Stephenson,
Thomas Nichol, Rev. J. S. O'Connor, F. A. Hall.

Trustees, Elective.

West Ward.
Charles Meighen,
Duncan Kippen.

Centre Ward.
Henry D. Shaw,
Dr. J. Kellock.

East Ward.
Thomas Brooke,
W. W. Berford.

Information on any matter connected with the Board of Education, Collegiate Institute or Public School will be cheerfully given on application to the Principals or to any member of the Board.

THE NEW READING BOOKS,

Authorized by the Government of Ontario, for use in the Public Schools of the Province, are for sale at the "Perth Book Store."

GAGE'S CANADIAN READERS have been adopted for use in the Public Schools of the County of Lanark and may be sent free by post at the following prices:

| | |
|---------------------|----------|
| First Primer | 6 cents. |
| Second Primer | 10 " |
| Second Reader | 25 " |
| Third " | 40 " |
| Fourth " | 50 " |
| Fifth " | 60 " |

Campbell's "Royal Readers" have been recommended by the County of Lanark Teachers' Convention, for use by Teachers as Reading and Reference Books for their own use, and will be sold at the following prices, free by Post.

THE ROYAL READERS.

| | |
|---------------------|----------|
| First Primer | 5 cents. |
| Second Primer | 10 " |
| Second Reader | 30 " |
| Third " | 45 " |
| Fourth " | 60 " |
| Fifth " | 75 " |

Address all orders for any of the above Books, Text Books, or for any School requisites, to the "Perth Book Store."

JOHN HART.

Perth, Ontario.

FAIRS, LANARK AND RENFREW, 1884.

Almonte, last Thursday in April and October.
 Arnprior, first Thursday in May and October.
 Ashton, first Thursday in March and October.
 Bonnechere Point, second Tuesday in April and October.
 Carleton Place, first Tuesday in April and November.
 Clayton, third Wednesday in April and second Wednesday in November.
 Fairbrook, last Thursday in September.
 Ferguson's Falls, third Tuesday in May and October.
 Franktown, second Tuesday in May and September.
 Stanleyville (North Burgess), first Monday in May and October.
 Lanark, second Tuesday in May and October.
 Middleville, first Thursday in May and October.
 McDonald's Corners, last Friday in September.
 Merrickville, first Thursday in September, October and November.
 Maberley, last Friday in April and September.
 Pakenham, second Tuesday in May and second Thursday in October.
 Pembroke, second Wednesday in March and third Wednesday in October.
 Perth, first Tuesday in May and October.
 Renfrew, first Wednesday in May and November.
 Roseville, second Thursday in May and September.
 Ross, Fourth Tuesday in April and October.
 Sand Point, first Tuesday in May and October.
 Smith's Falls, second Friday in April and first Friday in October.
 Watson's Corners, first Friday in October.

The publishers will feel obliged by notices of alteration on any of the foregoing Fairs being transmitted them for correction in future publications.

JOHN HART,
Bookseller and Stationer,
GORE STREET, PERTH, ONT.

At "The Perth Bookstore" the following lines of Goods are offered,
WHOLESALE AND RETAIL,

At close prices to suit the consumer or the country merchant;
 Books,—Current Literature.

School Books. School Stationery.

Stationery, Commercial, Plain and Fancy.

Wrapping Papers. Blank Books, Pass Books, &c.

Sheet Music, Musical Instruments, &c.

Wall Papers, Borderings, &c. Window Shades, all colors.

Pictures. Picture Mouldings.

Looking Glasses. Toilet Goods, Brushes, Combs, &c.

Fancy Goods. Berlin Wools.

Worked Slippers, Sofa Cushions, &c.

Optical Goods, Eye Glasses, Spectacles, &c.

Jewellery, in fine Gold, &c.

Fine Electro-Plate, in Castors, Cake Baskets, &c.

Lamps, Chimneys, Wicks, &c. Coal Oil.

Machinery Oils. Paints, Oils, Turpentine.

Glass, Putty, Brushes. Mixed Paints.

Dye Stuffs. Garden and Field Seeds.

Subscriptions solicited for any of the leading Magazines, Periodicals or Daily Newspapers.

Quotations given for any of the above goods, and all inquiries promptly answered.
 Orders by mail solicited.

DYE STUFFS.—The best and most reliable qualities, and the genuine "Domestic"
 Dye Packets, all colors, at Hart's. For coloring receipts see Almanac for 1883.

PRIZE BOOKS.

School Trustees and Teachers.

We have much pleasure in directing your attention to our

Large Stock of New Books,

Imported specially for Prize Book and Sabbath School Libraries, and to say that it will always be found complete in every department of literature.

Our new and enlarged premises enable us to devote special attention to this part of our business, and our customers may rely upon getting the very latest editions.

Orders, accompanied by the money, from parties at a distance and unable to make a personal selection, by stating full particulars, as to the number and value of prizes wanted, will have our best attention, and *Satisfaction guaranteed.*

At the "Perth Book Store."

JOHN HART.

Paints and Oils.

We offer the best value in Paints and Oils.

OUR "IMPERIAL" WHITE LEAD

Still Heads the List as a first-class uniform White Paint.

OUR MINERAL PAINTS

Are greatly in favor with the Painters for the great variety of beautiful Tints they produce, and are especially adapted for

OUTSIDE PAINTING.

Genuine White Lead. The best English Linseed Oils and all other genuine Paints, Dry or in Oils, at prices that must suit.

Mixed Paints, all Colors, on hand or mixed to order, or special Directions how to mix and use.

JOHN HART.

PERTH, ONT.

COAL OILS,

In any quantity by the gallon or barrel, wholesale and retail, from the best Canadian and American refiners. I have also a supply of fine American oil, "THE FAMILY PEARL" or "HEAD LIGHT." This Oil is unrivalled for quality and safety.

LAMPS.

For the Table or Hanging, for Parlors, Halls, Offices, &c., with all the newest improvements of Burners and Shades. Lamp Burners, Chimneys, Globes, Brackets, Wicks, &c.

JOHN HART.

NEW READING BOOKS,

Gage's Canadian Series of Readers.

Authorized for use in the Public Schools of Ontario, and adopted by the Examiners of the County Model School, and by the Teachers Convention for use in the

COUNTY OF LANARK.

Wholesale and Retail, at Publishers' Prices, at the
PERTH BOOK STORE.

| | |
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| First Primer..... | 6 cents. |
| Second Primer..... | 10 " |
| Second Reader..... | 25 " |
| Third " | 40 " |
| Fourth " | 50 " |
| Fifth " | 60 " |

Any of the above sent free by post on receipt of the price.

Country Merchants supplied with the above, and all other Text or Reading Books at the lowest wholesale prices.

John Hart,

GORE STREET, PERTH, Ont.

FAMILY BIBLES,

With Notes, Illustrations, Family Registers, &c.

POCKET BIBLES AT ALL PRICES, FROM 30 CTS. TO \$5.

Teachers' Bibles, containing References, Index, Concordance, Table, Maps, &c., in various Bindings and Prices.

The Revised New Testament at Low Prices.

The Bible Society has a large stock of Bibles and Testaments in various binding for sale at the

"PERTH BOOK STORE."