

CHRONOLOGICAL AND ASTRONOMICAL EVENTS 1883.

SEASONS.

	d.	h.		d.	h.
Sun enters Capricornus—Winter begins.....1882..Dec'r	21	5 Eve.	Lasts.....	89	1
" " Aries —Spring begins.....1883..March	20	6 Eve.	Lasts.....	92	20
" " Cancer —Summer begins.....1883..June	21	2 Eve.	Lasts.....	93	14
" " Libra —Autumn begins.....1883..Sept'r	23	4 Morn.	Lasts.....	89	18
" " Capricornus—Winter begins.....1883..Dec'r	21	10 Eve.	Tropical Year..	365	6

The Sun will be North of the Equator, comprising Spring and Summer, 186 days 11 hours, and South of the Equator, comprising Autumn and Winter, 178 days 19 hours—the length of the year being 365 days and 6 hours.

CHRONOLOGICAL CYCLES, EPOCHS AND ANNIVERSARIES.

Dominical Letter..... A	Lunar Cycle..... 8	Roman Indiction..... 11
Epact..... 22	Solar Cycle..... 16	Julian Period..... 6596

The year 1883 is the latter part of the 5643 d. and the beginning of the 5644th year since the creation of the world, according to the Jews. The Jewish year commences on the 2nd of October, the year 1883 being the first year of the 208th cycle of 19 years. The year 1883 answers to the 6596th year of the Julian period, to the 2636th of the Olympiads, and to the year 7891-2 of the Byzantine era. The year 1301 of the Mohammedan era commences 2nd November, 1883; and Ramadan (month of abstinence observed by Turks) commences on July 6, 1883. The 47th year of Queen Victoria's reign begins on June 20, 1883; the 17th of the Dominion of Canada on July 1, 1883; and the 108th of the Independence of the United States on July 4, 1883.

FIXED AND MOVEABLE FESTIVALS.

Epiphany.....Jan. 6	Good Friday.....Mar. 23	Trinity Sunday.....May 20
Septuagesima Sunday..Jan. 21	Easter Sunday.....Mar. 25	Corpus Christi.....May 24
Shrove Sunday.....Feb. 4	Annunciation.....Mar. 25	St. John the Baptist...June 24
Ash Wednesday.....Feb. 7	Low Sunday.....April 1	Michaelmas Day.....Sept. 20
First Sunday in Lent..Feb. 11	St. George.....April 23	St. Andrew's Day.....Nov. 30
St. David.....Mar. 1	Rogation Sunday.....April 29	First Sund. in Advent..Dec. 2
St. Patrick.....Mar. 17	Ascension Day.....May 8	St. Thomas.....Dec. 25
Palm Sunday.....Mar. 18	Pentecost—Whitsun..May 13	Christmas Day.....Dec. 25

New Year's Day, Good Friday, Queen's Birthday, Dominion Day, Christmas Day and Thanksgiving Day, are legal holidays in Ontario. These, added to Epiphany, Annunciation, Ascension, Conception, Corpus Christi, St. Peter & St. Paul, and All Saints' Day, are legal holidays in Quebec.

MORNING AND EVENING STARS.

MERCURY will be visible as EVENING Star about January 21st, May 14th and September 10th and as MORNING Star about March 3rd, July 2nd, and October 22nd.

VENUS will be MORNING Star till September 20th; and EVENING Star the rest of the year.

JUPITER will be EVENING Star till July 5th; and MORNING Star the rest of the year.

ECLIPSES.

- In the year 1883 there will be four Eclipses; two of the Sun and two of the Moon.
- I. A small Partial Eclipse of the Moon, April 22. Invisible to the larger portion of North America. Visible to the Pacific Coast, Eastern Asia, Australia and Pacific Ocean.
 - II. A Total Eclipse of the Sun, May 6. Invisible. Visible chiefly to the South Pacific Ocean.
 - III. A Partial Eclipse of the Moon, October 15-16. Visible to North and South America, and extreme western portions of Europe and Africa; occurring in Chatham time as follows:—
- | | D. | H. | M. | | D. | H. | M. |
|---------------------------|----|----|---------|--|----|----|---------|
| Moon enters Penumbra..... | 15 | 10 | 48 P.M. | Moon leaves Shadow..... | 16 | 1 | 58 P.M. |
| Moon enters Shadow..... | 16 | 0 | 6 A.M. | Moon leaves Penumbra..... | 16 | 3 | 16 A.M. |
| Middle of Eclipse..... | 16 | 1 | 2 A.M. | Magnitude of Eclipse=0.28 (Moon's diam'r=1). | | | |
- IV. An Annular Eclipse of the Sun, October 30. Visible in part to the Pacific Coast; also to the extreme eastern edge of Asia, and to the North Pacific Ocean; beginning at San Francisco at 5h. 47m. P.M.; the Sun setting at moment of greatest partial eclipse.



UNTIL
ver
stro
now
two of whe
the deep an
lots on the
the close of
ly making 'l
the river in
southern or
than the sch
morning ha
ex-M. P. fo
with pionee
as passenge
as that inf
where the
most succe
stated. Th
Lot No. 4,
the site of
previously
day investig
a living spr
effect the d
taking form
it, of the o
alone in his
lightened c
as Florence
work and in
being at a p
Widow Tur
ley street a
ties, set en
ing thereby
gained to t
few years
everywhere
arising in t
McInnes' s