

ASTRONOMICAL CALCULATIONS FOR 1895.

Calculated expressly for this Almanac.

Chronological Cycles.

Dominical Letter.....	F	Solar Cycle.....	28
Epaet.....	4	Roman Indiction.....	8
Lunar Cycle, or Golden Number.....	15	Julian Period.....	6608

The Year 5655-6 of the Jewish Era commences at sunset on October 3.

The Year 1813 of the Mohammedan Era, or the Era of the Hegira, begins 24th of June, 1895.

The 19th year of Queen Victoria's reign begins June 20, 1895.

The 119th year of the Independence of the United States begins July 4, 1895.

The first day of January, 1895, is the 2,43,195th day since the commencement of the Julian Period.

Eclipses in 1895. (EASTERN STANDARD TIME.)

There will be five eclipses, three of the Sun and two of the Moon.

I. Total Eclipse of the Moon March 10. Visible in North America. Magnitude of Eclipse, 1.627. Moon's diameter = 1.

	D.	H.	M.		D.	H.	M.
Moon enters Penumbra.....	10	7	57 P.M.	Moon leaves Shadow.....	11	0	25 A.M.
Moon enters Shadow.....	10	8	54 P.M.	Moon leaves Penumbra.....	11	1	21 A.M.
Middle of Eclipse.....	10	10	39 P.M.				

II. A Partial Eclipse of the Sun March 25. Ends at sunrise in the Maritime Provinces.

III. A Partial Eclipse of the Sun August 20. Invisible in North America.

IV. A Total Eclipse of the Moon September 3. Visible in North America. Magnitude of Eclipse, 1.557. Moon's diameter = 1.

	D.	H.	M.		D.	H.	M.
Moon enters Penumbra.....	3	9	48 P.M.	Moon leaves Shadow.....	4	2	54 A.M.
Moon enters Shadow.....	3	11	0 P.M.	Moon leaves Penumbra.....	4	4	6 A.M.
Middle of Eclipse.....	4	0	57 A.M.				

V. A Partial Eclipse of the Sun September 18. Invisible in North America

Morning and Evening Stars.

VENUS is an Evening Star to September 18, then Morning Star. MARS is an Evening Star to October 11, then Morning Star. JUPITER is an Evening Star to July 10, then Morning Star. SATURN is a Morning Star to April 24, an Evening Star to November 2, afterwards a Morning Star. MERCURY is a Morning Star about March 24, July 22 and November 10, and an Evening Star about February 9, June 4 and October 1.

VENUS brightest Aug. 14 and October 26. MARS not being in opposition during 1895 the Satellites will not be visible. The Satellites of JUPITER are not visible from June 12 until August 8, JUPITER being too near the Sun.

The Seasons (STANDARD TIME)

Sun enters Aries—Spring begins.....	March 20th, 4 p.m.
Sun enters Cancer—Summer begins.....	June 21st, noon.
Sun enters Libra—Autumn begins.....	Sept. 23rd, 2 a.m.
Sun enters Capricorn—Winter begins.....	Dec. 21st, 9 p.m.

Holydays of Obligation in Ontario.

ALL Sundays in the year; Circumcision of Our Lord, January 1; Ascension of Our Lord, May 23; All Saints' Day, November 1; Immaculate Conception, December 8; Nativity of Our Lord, Christmas Day, December 25.

On days of obligation every Catholic who has reached the years of understanding is obliged, unless hindered by sickness or other sufficient cause, to hear Mass and rest from servile work.

Fasting Days of Obligation.

ALL the week days of LENT; Wednesdays and Fridays of ADVENT; the EMBER DAYS, four times a year, being the Wednesdays, Fridays and Saturdays next after (1) the first Sunday in Lent, (2) after Whitsunday, (3) after the 14th of September, (4) after the third Sunday in Advent; the VIGILS of Pentecost (June 1), of the Solemnity of the Assumption (August 17), of All Saints (October 31), of the Immaculate Conception (December 7), of Christmas (December 24). If a feast fall on Monday the vigil is kept on the Saturday preceding. Sunday is never a fast day.

Abstinence Days.

ALL FRIDAYS in the year, excepting Christmas Day when it falls upon a Friday; Wednesdays and Fridays in Lent and Advent; Saturday in Holy Week; the Ember days; the Vigils of Pentecost, of the Solemnity of the Assumption, of All Saints, and of Christmas.

On a day of abstinence flesh meat is not allowed.

Solemnizing of Marriages is not allowed, except by special dispensation, from the first Sunday in Advent until after Epiphany, and from the beginning of Lent until the Sunday after Easter.