

ECLIPSES IN 1878.

In the year 1878 there will be four eclipses—two of the sun and two of the moon.

The first will be an annular eclipse of the sun, on February 2nd ; not visible from Canada.

The second will be a partial eclipse of the moon, on February 17th ; partly visible in Canada. It will begin at Halifax, N. S., 4h. 27m. in the morning, and at Montreal 3h. 47m. It will end at Halifax 9h. 25m., and at Montreal 8h. 46m.

The third will be a total eclipse of the sun, on the 29th July, visible in North America as a partial eclipse. It begins on the Earth 3h. 4m. evening, mean time at Halifax, in longitude $144^{\circ} 50'$ east of Greenwich, and latitude $41^{\circ} 21'$ north. Central Eclipse begins at 4h. 10m. evening, in longitude $117^{\circ} 42'$ east, and latitude $54^{\circ} 14'$ north. Ends on the Earth 8h. 1m. evening, in longitude $69^{\circ} 45'$ west, and latitude $3^{\circ} 37'$ north. This Eclipse begins at Halifax about 5h. 30m. evening, and at Montreal about 5h. 10m. The greatest observations will occur a few minutes before the setting of the sun.

The fourth will be a partial eclipse of the moon, on August 12th, and will be visible in part. In Halifax it begins in the evening at 5h. 8m., and in Montreal at 4h. 37m. The moon rises about 7 o'clock, and the last contact with the shadow will be about 9.

A transit of Mercury will occur on the 6th of May. It will be visible between 11 in the morning and 7 in the evening.

CHRONOLOGICAL CYCLES.—Dominical Letter, F ; Golden number, 16 ; Jewish Lunar Cycle, 14 ; Epact or Moon's Age, 16 ; Solar Cycle, 11 ; Julian Period, 6591 ; Jewish Year, commencing 30th September, 5638 ; Roman Indictions, 6 ; Mohammedan Year, 1395.

MOVABLE FESTIVALS.—Septuagesima Sunday, February 17th ; Sexagesima Sunday, February 23rd ; Quinquagesima Sunday, March 3rd ; Ash Wednesday, March 6th ; First Sunday in Lent, March 10th ; Mid-Lent Sunday, March 31st ; Palm Sunday, April 14th ; Good Friday, April 18th ; Easter Sunday, April 21st ; Low Sunday, April 28th ; Rogation Sunday, May 26th ; Ascension Day, May 30th ; Whitsunday, June 9th ; Trinity Sunday, June 16th ; Corpus Christi, June 20th ; Advent Sunday, December 1st.

HOLIDAYS OBSERVED IN PUBLIC OFFICES.—Circumcision, Jan. 1st ; Epiphany, January 6th ; Annunciation Virgin Mary, March 25th ; Good Friday, April 19th ; Ascension Day, May 30th ; Queen's Birthday, May 24th ; Corpus Christi, June 20th ; St. Peter and St. Paul, June 29th ; All Saints Day, November 1st ; Conception of the Blessed Virgin Mary, December 8th ; Christmas Day, December 25th.

BANK HOLIDAYS IN ONTARIO.—Sundays, Christmas Day, New Year's Day, Ash Wednesday, Good Friday, Easter Monday, The Queen's Birthday, and each day appointed by Royall Proclamation as a general Fast or Thanksgiving day.