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Solar Cycle

The year 5642 of the Jewish Era commences on Sept. 24th, 1881.

Ramadan (month of abstinence observed by Turks) commences on November 23rd, 1881

The year 1299 of the Mohammedan Era commences on November 23rd, 1881.

The 100th year of the Independence of the United States commences July 4th, 1881.

New Year's Day, Lady Day, Holy Thursday, Corpus Christi, St. Peter and St. Paul, and Conception of the Virgin Mary, as well as thanksgiving or fast days fixed by proclamation, are legal holidays in Quebec.

The only legal holidays in the Province of Ontario are New Year's Day, Christmas Day, Good Friday, Easter Monday, the Queen's Birthday, and any day set apart by proclamation.

ECLIPSES.

In the year 1881 there will be two eclipses of the sun and two of the moon, and a transit of Mercury across the sun's disc.

- I. A partial eclipse of the sun, May 27, 1881, visible about sunset in Western Ontario.
- II. A total eclipse of the moon, June 11th, 1881, visible in Canada.

	TORONTO.	MONTREAL.	QUEBEC.	HALIFAX.
	d. h. m.	d. h. m.	d. h. m.	d. h. m.
First contact with penumbra	11 10 57 p	11 11 21 p	11 11 30 a	12 0 00 a
First contact with shadow	11 11 53 p	12 00 17 a	12 0 26 a	12 0 56 a
Beginning of total phase	12 0 56 a	12 1 20 a	12 1 29 a	12 1 59 a
Middle of eclipse	12 1 35 a	12 1 59 a	12 2 03 a	12 2 38 a
End of total phase	12 2 15 a	12 2 39 a	12 2 48 a	12 3 18 a
Last contact with shadow	12 3 18 a	12 3 42 a	*	12 4 21 a
Last contact with penumbra	12 4 14 a	*	*	*

Magnitude of the eclipse (moon's diameter = 1), 1.348.

III. An annular eclipse of the sun, November 21, 1881, invisible in Canada.

IV. A partial eclipse of the moon, December 5, 1881, invisible in Canada.

A transit of Mercury across the sun's disc, November 7, 1881, invisible in Canada east of L. Huron.

Venus will be an evening star till May 2, afterwards a morning star.

Mars will be a morning star throughout the year.

Jupiter will be an evening star till 22nd April, afterwards a morning star.

Saturn will be an evening star till April 21, afterwards a morning star.

* Moon sets previous.

SEASONS.

Sun enters Aries—Spring commences	March 20 6 14 a.m.
Sun enters Cancer—Summer commences	June 21 2 14 a.m.
Sun enters Libra—Autumn commences	Sept. 22 5 14 p.m.
Sun enters Capricornus—Winter commences	Dec. 21 11 14 a.m.

Head and Face. ♈ ARIES, The Ram.

Arm.
♊ GEMINI,
The Twins.

Heart.
♌ LEO,
The Lion.

Reins.
♎ LIBRA,
The Balance.

Thighs.
♐ SAGITTARIUS,
The Bowman.

Legs.
♑ AQUARIUS,
The Waterman.



Feet. ♓ PISCES, The Fishes.

CHARACTERS.—☉ The Sun; ☿ Mercury; ♀ Venus; ⊕ The Earth; ☾ The Moon; ♂ Mars; ♃ Jupiter; ♅ Saturn; ♆ Uranus; ♁ Neptune; ☿ Conjunction; ☐ Quadrature, 90° from ☉; ☿ Opposition, 180° from ☉; ♀ Apogee, far from the ☉; ♀ Perigee, near the ☉; ♀ Ascending Node; ☿ Descending Node.