In the year 1885 there will be four eclipses—two of the sun and two of

I.—An annular eclipse of the sun, March 16th, visible in Canada as a partial eclipse. Begins generally, 10 a.m.; middle, 0.57 p.m.; ends, 2.56 p.m. Toronto mean time.

II .-- A partial eclipse of the moon, March 30th, invisible in Canada.

III. - A total cclipse of the sun, September 8th, invisible in Canada.

IV.—A partial eclipse of the moon, September 23rd and 24th, visible in Canada. Begins, 11.42 p.m.; middle 2.30 a.m.; ends, 5.18 a.m. Toronto mean time. Magnitude of eclipse, 0.79, (moon's diameter=1).

LIST OF SUNDAYS IN 1885.

January4111825	July5121020
February 1 81522	August 2 9162330
March 1 8 15 22 29	September6132027
April5121926	October
May 310172431	November 1 8 15 22 29
June 7 14 21 28	December6132027

BANK HOLIDAYS.

ONTARIO, NEW BRUNSWICK AND NOVA SCOTIA.—New Year's Day; Good Friday; Easter Monday; Queen's Birth Day; Dominion Day; Christmas Day;

QUEBEC.—New Year's Day; Epiphany; Annunciation; Good Friday; Easter Monday; Ascension; Corpus Christi; St. Peter's and St. Paul's; All Saints; Conception; Christmas Day; Queen's Birthday; and Dominion

Also, throughout the Dominion any day appointed by Proclamation for a General Fast or thanksgiving.

SOLAR TIME

As compared with the Meridians adopted by Railway Time Convention, held in Chicago October 11th, 1883, and in use by Railways.

EASTERN, - based on 75 Meridian. | MOUNTAIN, based on 105 Meridian. | CENTRAL, - based on 90 Meridian. | PACIFIC, - based on 120 Meridian.

EASTERN TIME.

Charlottetown, P E.1., 50 m	inutes	Caster	Houston, Tex21	minutes	slower
Charlottetown, z z.i., 30 m	"	faster	Indianapolis, Ind16	"	faster
Halifax, N. S54	**	faster	Jacksonville, Ill 2	44	slower
Moncton, N. B 40	**		Jefferson Clty, Mo o	**	slower
St. John, N. B36		faster	Jefferson City, Mo 9 Kansas City, Mo19	"	slower
St. Stephen, N. B., 31		faster	Knoxville, Tenn 24		faster
			Louisville, Ky	**	faster
Albany, N. Y 5 m	inutes	faster	Lincoln, Neb27	**	slower
Baltimore, Md o	11	slower	Little Rock, Ark 9	**	slower
Bangor, Me25	44	faster	Macon, Ga29	**	faster
Boston, Mass	**	faster	Memphis, Tenn	*****	RIDIAN
Buffalo, N. Y	**	slower	Memonis, Icini	(m.E.	faster
Cambridge, Mass16		faster	Meridian, Miss 6	"	faster
Charleston, S. C20	**	slower	Milwaukee, Wis 8		
Charleston, S. C20		slower	Minneapolis, Minn18		dower
Columbia, S. C24	**	slower	Mobile, Ala 8		faster
Danville, Va18	**	slower	Nashville, Tenn13		faster
Hamilton, Ont19	"	faster	New Orleans, La	ME	RIDIAN
Hartford, Ct 9	**		Omaha, Neb24		slower
Montreal, Que 6		faster	Pensacola, Fla	"	fasier
New Haven, Ct 4		faster	Quincy, Ill., 6	"	slower
New London, Ct 8	"	faster	Rome, Ga24	"	faster
New York, N. V 4		faster	Si. Joseph, Mo18	"	slower
Ottawa, Ont., 3		slower	St. Louis, Mo		slower
Philadelphia, Pa 1	"	slower	S1. Paul, Minn	**	slower
Pittshurgh, Pa20	**	slower	Selmn, Ala	**	faster
Port Hope, Out14	"	slower	Shreveport, La	"	slower
Portland, Me	••	faster	Sioux City, La26	+ 6	slower
Portsmouth, Vu 7	"	slower	Terre Haute, Ind 10	**	faster
Providence, R. L14	11	faster	Vicksburg, Miss 3	**	slower
Onebec, Que15	**	faster	Vincennes, Ind 9	**	faster
Richmond, Va10	**	slower	Winona, Minn 7	**	slower
Toronto, Ont	14	slower			
Wilmington, N. C12	**	slower	MOUNTAIN "	IME.	
-					

CENTRAL TIME.

CENTRAL	ME.	
Atchison, Kan22	minutes	slower
Atlanta, Ga22	"	faster
Augusta, Ga32	**	faster
Chicago, Ill 9	14	Inster
Cincinuati, Ohio22	"	faster
Cleveland, Ohio33	44	faster
Columbus, Ohio28	***	faster
Detroit, Mich28	**	faster
Dubuque, fa 3	**	slower
Galveston, Tex19	**	slower
Children in the control of		-1

CENTRAL TIME .- Communed.

Bismark, Dak17	minutes faster
Denver, Col	MERIDIAN
Helena, Mont 28	" slower
Laramic, Wy. T 2	" slower
Salı Lake City, Utah., 27	" slower
Santa Fe, N. M 3	" slower
Tucson, Ariz24	" slower
Virginia City, Mont26	" slower
PACIFIC TIME	IE.

Los Angelos, Cai 7	minutes	faster
Portland, Oregon10	**	slower
San Francisco, Cal10	**	slower
Yuma, Ariz 22	**	faster

Showing the number of days from any day in one month, to the same day in any other month throughout the year. In leap year, add one day, for 29th February.

	To	JAN.	FEB.	MAR.	APL.	MAY	JUNE	JULV	Arg	SEP.	Ост.	Nov	Dac
FROM	Jan. Feb. Mar. April. May. June. July. Aug. Sept.	365 334 306 875 945 914 184 153 122	31 365 337 396 976 245 215 184 153	59 98 365 334 394 273 243 212 181	90 59 3t 365 335 304 274 243 212	123 89 61 30 365 334 304 273 842	151 120 92 61 31 365 335 304 273	181 150 122 91 61 30 365 334 303	912 181 153 122 92 61 31 365 334	843 818 134 153 123 92 62 31 365	273 842 214 183 153 122 92 61 30	304 973 245 914 184 153 123 92 61	334 303 275 844 214 183 153 122 91
	Oct. Nov. Dec.	61 31	123 92 62	151 120 90	182 151 121	181	243 212 182	97) 942 913	304 273 243	335 304 874	365 334 394	305 335	61 30 365

Look for April at the left hand, and Sept. at the top; in the angle is 153.

FIXED AND MOVEABLE FESTIVALS.

New Year's DayJanuary	1
Epiphany	6
Septuagesima SundayFebruar	y 1
Ash Wednesday	18
Quadragesima-Shrove Sunday-1:t Sunday in Lent "	22
St. David March	1
St. Patrick "	17
Annunciation—Lady Day	25
Palm Sunday	29
Good Friday April	
Easter Sunday	3 5
Low Sunday	12
St. George	23
Rogation Sunday May	10
Ascension Day—Holy Thursday	14
Pentecost—Whit Sunday"	24
Queen Victoria's Birth Day	24
Trinity Sunday	31
Corpus Christi June	4
Ascension of Oneen Victoria	20
Proclamation of Queen Victoria	21
Midsummer Day-St. John Baptist	24
Dominion Day	
Michaelmas DaySeptem	
Birth of Prince of Wales Noveml	ber 9
	29
1st Sunday in Advent	
St. Andrew	30 per 21
St. Thomas Decemb	
Christmas Day "	25

CALENDAR FOR 6000 YEARS.

RULE. - Cast the sevens out of the last two figures of the year, the quotient of the last two figures of the year divided by four-disregarding the remainder, if any-the day of the month, the figure for the month, and the figure for the century. One remainder will be the first day of the week; 2, second; o, last day of the week.

TABLE OF FIGURES FOR THE MONTHS.

1, Sept. and Dec.	3, Jan. and Oct.	5, August.	o, June.
2, April and July.	4, May.	6, Feb., March, Nov.	
NorsThe	figure for January is 2,	and Fehruary 5 in leap year.	

TABLE OF FIGURES FOR THE CENTURIES.

				and, 9th, and 16th centuries.
2	• •	"	"	1st, 8th, 15th, 18th, 22nd, 26th, 30th centuries
	"	**	"	7th, 14th centuries.
4	"	**	"	6th, 13th, 17th, 21st, 25th, 29th centuries.
- 3	"	**	**	5th, 12th, 20th, 24th, 28th centuries.
6	**	**	**	4th, 11th centuries.
3: 4: 5: 6:	**	**	**	3rd, 10th, 19th, 23rd, 27th centuries.

-What day of the week was the 31st August, 1873? Ans. - Sunday.

Process-

Last two figures of the year, Quolient of Do. ; by four,	73 - 70 = 3 $18 + 3 - 21 = 0$ $31 - 28 = 3$
Day of Month, Figure for the month, Figure for the century,	5+3-7=1

After easting out the sevens the remainder is 1: hence it was on the first day of the week, Sunday.

ASTRONOMICAL SYMBOLS AND APPLEVIATIONS.

Conjunction, or having the same Longitude or Right
Quadrature, or differing 90 in Longitude or Right
Quadrature, or differing 90 in Longitude or Right

Ascension.

YEAR. NAMES OF MONTHS. MONTH BEGINS. YEAR. NAMES OF MONTHS.

18, 1885 | 1302. Shawal

July 14

: Spring, 92

b'g 0 00 " 23 27 7 " 0 0 0

MOHAMMEDAN

CALENDAR,