

Epochs.

Year of the world according to the usual computation.	5876	Since the foundation of Rome	262
Year of the world according to the Jews	5631	Year of Her Majesty's reign.	32
Year of the world according to the Greek Church	7404	Year of Mahommedan era.	128
		Year of the independence of the United States, commences July 4th	93

Articles of the Calendar 1870.

Golden Number	9	Dominical Letter	G
Epact	28	Roman Indiction	7
Solar Cycle	3	Julian Period	658

Fixed and Moveable Festivals, Anniversaries.

Epiphany	Jan. 6	Ascension Day, Holy Thursday	May
Septuagesima Sunday	Feb. 13	Pentecost, Whit Sunday	June
Quinquagesima Shrove Sunday	" 27	Trinity Sunday	"
St. David	March 1	Corpus Christi	"
Ash Wednesday	" 6	Accession of Q. Victoria	"
Quadragesima, 1st Sunday in Lent	" 17	Proclamation	"
St. Patrick	" 17	St. John the Baptist, Midsummer Day	"
Annunciation Lady Day	" 25	Dominion Day	July
Palm Sunday	April 10	St. Michael, Michaelmas Day	Sept.
Good Friday	" 15	Birth of Prince of Wales	Nov.
Easter Sunday	" 17	1st Sunday in Advent	"
St. George	" 23	St. Andrew	"
Low Sunday	" 24	St. Thomas	Dec.
Rogation Sunday	May 22	Christmas Day	"
Birth of Queen Victoria	" 24		

The year 5631 of the Jewish Era commences on Sept. 16th, 1870.

Ramadam (Month of Abstinence observed by the Turks) commences on Nov. 25th, 1870.

The year 1287 of the Mahommedan Era commences on April 3rd, 1870.

Beginning and Length of the Seasons.

	H.	M.
Winter begins December 21st, 1869	6	23 p.m.
Spring begins March 20th, 1870	7	32 p.m.
Summer begins June 21st, 1870	3	56 p.m.
Autumn begins September 23rd, 1870	6	09 a.m.
Winter begins December 22nd, 1870	0	13 a.m.

	D.	H.
Length of the Winter, 1869-70	89	1
Length of the Spring, 1870	92	20
Length of the Summer, 1870	93	14
Length of the Autumn, 1870	89	18
During the years 1869-70, Sun N. of the Equator	186	10
" " " " " "	178	19

The Sun longer in N. Signs

Average excess of Sun in N. Signs

Length of Tropical year, commencing at the Winter Solstice 1869, and terminating at the Winter Solstice 1870

Average length of the Tropical year

—Hamilton Lat. 43° 15'; Long. 79° 57'; Height above the Sea, 3

The Solar Year is t

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Civil Year is 365 day

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During the year 18

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I.—A total eclipse

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PHASE.

First contact with pen...

II.—A partial eclips

Canada, confined to th

III.—A partial eclips

confined to the south

IV.—A total eclipse

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PHASE.

Last contact with pen...

V.—A partial eclips

VI.—A total eclips

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Greenwich. Central e

3° 45' W., and latitud

2° 55' E., and latitude

July 22d. 2h. 41m., in

App

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5th, then an evening

evening star until t

the 7th of December