

PHASE.	Halifax.	Fredericton.	Quebec.	Montreal.	Kingston.	Toronto.	London.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
Last contact with shadow	7 41	7 31	8 42	8 32	8 21	8 9	8 1
Do do Penumbra	9 12	9 2					

II. An Annular Eclipse of the SUN, June 5, 1872, invisible in Canada. The line of central Eclipse extends from a point in the Indian Ocean (lat. 5° 43' N., long. 65° E.) across South India and China, to a

point in the Pacific (lat. 27° 32' N., long. 155° 36' W.)
 III. A partial Eclipse of the MOON, Nov. 14, 1872, visible in Canada. The local times at which the various phases occur are as follows:—

PHASE.	Hali-fax.	Freder-icton.	Quebec.	Mont-real.	Kings-ton.	Toron-to.	Lon-don.	Fort Garry.	Victo-ria.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
First contact with Penumbra	10 47	10 37	10 17	10 7	9 56	9 44	9 36	8 34	6 50
Do Shadow ..	12 47	12 37	12 17	12 7	11 56	11 44	11 36	10 34	8 50
Middle of Eclipse.	13 5	12 55	12 35	12 25	12 14	12 2	11 54	10 52	9 8
Last contact with Shadow	13 23	13 13	12 53	12 43	12 32	12 20	12 12	11 10	9 26
Do Penumbra..	15 23	15 13	14 53	14 43	14 32	14 20	14 12	13 10	11 26

The first contact with the shadow occurs at 11° from the northernmost point of the Moon's limb, towards the West; the last contact at 29° towards the West; in each case for direct image.
 Magnitude of the Eclipse (Moon's diameter=1) 0.023.

IV. A total Eclipse of the SUN, November 30, 1862, invisible in Canada. The line of central Eclipse extends from a point in the South Pacific (lat. 15° 1' S., long. 178° 12' W.) eastward, South of Cape Horn, to a point in the South Atlantic (lat. 41° 20' S., long. 12° 33' W.)

JEWISH CALENDAR FOR 1872.

5632.	1872.		5632.	1872.	
Sebat	Jan. 11		Ab	August 1	
Adar	Feb. 9, 10		" 9	" 13	Fast—Destruction of the [Temple.
" 14	" 23	Purim—Katan.	Elul.....	Sept. 3, 4	
Veadar ..	Mar. 10, 11		5633.		
" 11	" 21	Fast of Esther.	Tishri....	Oct. 3	New Year's Feast
" 14, 15	" 24, 25	Purim.	" 3	" 6	Fast of Gedaliah.
Nissan ..	April 9		" 10	" 12	Fast--Day of Atonement
" 15, 16	" 23, 24	[over. First two days of Pass-	" 15, 16	" 17, 18	First two days of Taber-
" 21, 22	" 29, 30	Last two days of do.	" 21	" 23	Hosanna Raba. [nacles.
Iyar	May 8, 9		" 22	" 24	Feast of Eighth Day.
" 18	" 26	Lag L'Omer.	" 23	" 25	Feast of the Law.
Sivan	June 7		Heshvan. Nov. 1		
" 6, 7	" 12, 13	Feast of Weeks.	Kislev ... Dec. 1		
Tamuz ..	July 6, 7		" 25	" 25	Feast of Dedication.
" 17	" 23	Fast.	Tebet	" 30, 31	

MOHAMMEDAN CALENDAR.

Year.	Name of Month.	Month begins.	Year.	Name of Months.	Month begins.
1288.	Dufkaadah.....	Jan. 23	1289.	Gomada.....	July 19
"	Dulhagee.....	Feb. 22	"	Latter Gomada.....	Aug. 19
1289.	Mulbarram.....	Mar. 23	"	Rajab	Sept. 16
"	Saphar.....	April 22	"	Schabân	Oct. 14
"	Rabia.....	May 21	"	Ramadân.....	Nov. 13
"	Latter Rabia	June 20	"	Shawal.....	Dec. 14