

**Table 4A— Annular Eclipse of 2023 October 14: Partial Eclipse from Canada**

City/Province	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Altitude	Sun Azimuth	Eclipse Magnitude	Eclipse Obscuration
Calgary, AB	09:14	10:27	11:45	20	133	0.697	0.607
Charlottetown, PE	13:45	14:35	15:25	31	208	0.151	0.068
Edmonton, AB	09:18	10:28	11:44	18	135	0.635	0.535
Fredericton, NB	13:33	14:29	15:25	33	203	0.194	0.098
Halifax, NS	13:43	14:37	15:29	33	209	0.170	0.081
Hamilton, ON	11:54	13:09	14:26	39	181	0.401	0.281
Lethbridge, AB	09:14	10:27	11:47	21	134	0.715	0.629
London, ON	11:51	13:07	14:26	39	179	0.425	0.306
Montreal, QC	12:12	13:18	14:24	36	191	0.285	0.172
Ottawa, ON	12:06	13:14	14:23	36	188	0.314	0.198
Prince George, BC	08:13	09:23	10:37	13	125	0.705	0.617
Quebec, QC	12:19	13:20	14:21	34	195	0.241	0.135
Regina, SK	10:21	11:35	12:54	25	144	0.611	0.508
Saint John's, NL	14:54	15:22	15:48	25	223	0.046	0.011
Saskatoon, SK	10:21	11:33	12:50	23	142	0.598	0.493
Sault Sainte Marie	11:47	13:00	14:16	35	173	0.419	0.300
Thunder Bay, ON	11:39	12:52	14:09	32	165	0.458	0.339
Toronto, ON	11:56	13:10	14:25	38	182	0.389	0.269
Vancouver, BC	08:09	09:20	10:38	16	123	0.823	0.757
Victoria, BC	08:08	09:20	10:38	16	123	0.846	0.786
Winnipeg, MB	10:29	11:42	13:00	29	154	0.533	0.420
Windsor, ON	11:47	13:05	14:26	39	176	0.462	0.344
Yellowknife, NW	09:31	10:34	11:39	12	137	0.458	0.339
Whitehorse, YT	-	09:24	10:31	4	115	0.619	0.516

All Times are Local Times.

F. Espenak, "Eclipses During 2023", 2023 Observer's Handbook, Royal Astronomical Society Of Canada.