

TABLE 5 - LOCAL CIRCUMSTANCES FOR CITIES OUTSIDE THE PATH OF TOTALITY (CANADA)

CITY, PROVENCE	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Alt.	Eclipse Obscuration	Eclipse Magnitude
Banff, AB	10:18:55	11:31:21	12:48:06	42	0.773	0.816
Calgary, AB	10:20:11	11:33:10	12:50:18	43	0.772	0.814
Edmonton, AB	10:24:08	11:35:03	12:49:28	42	0.684	0.745
Lethbridge, AB	10:19:50	11:34:19	12:53:01	45	0.814	0.848
Medicine Hat, AB	10:22:35	11:37:25	12:56:03	46	0.792	0.830
Red Deer, AB	10:22:03	11:34:05	12:49:55	43	0.729	0.780
Abbotsford, BC	09:10:30	10:21:57	11:38:56	39	0.866	0.889
Burnaby, BC	09:10:15	10:21:19	11:37:56	38	0.860	0.884
Fort Nelson, BC	09:25:30	10:29:11	11:35:59	34	0.540	0.627
Kamloops, BC	09:14:07	10:25:18	11:41:28	40	0.804	0.840
Kelowna, BC	09:13:48	10:25:49	11:42:55	40	0.830	0.861
Nanaimo, BC	09:09:26	10:20:09	11:36:30	38	0.864	0.888
Penticton, BC	09:13:14	10:25:27	11:42:53	41	0.844	0.872
Prince George, BC	09:17:02	10:25:03	11:37:23	36	0.696	0.755
Prince Rupert, BC	09:13:16	10:18:33	11:28:23	32	0.689	0.749
Richmond, BC	09:10:00	10:21:01	11:37:37	38	0.863	0.887
Vancouver, BC	09:10:09	10:21:08	11:37:41	38	0.860	0.884
Victoria, BC	09:08:55	10:20:14	11:37:22	38	0.891	0.908
Brandon, MB	11:36:00	12:53:14	14:11:59	51	0.732	0.783
Churchill, MB	11:53:01	12:58:47	14:04:46	43	0.432	0.534
Riverton, MB	11:41:17	12:57:24	14:14:18	50	0.672	0.735
Selkirk, MB	11:40:48	12:57:53	14:15:44	51	0.697	0.755
The Pas, MB	11:38:13	12:50:45	14:04:49	47	0.614	0.687
Winnipeg, MB	11:40:10	12:57:32	14:15:46	51	0.708	0.764
Chatham, NB	14:37:10	15:46:51	16:52:00	44	0.454	0.553
Edmundston, NB	14:31:32	15:42:47	16:49:39	46	0.478	0.574
Moncton, NB	14:38:57	15:49:10	16:54:36	44	0.466	0.564
Saint John, NB	14:36:57	15:48:58	16:55:57	45	0.499	0.592
Saint Stephen, NB	14:34:34	15:47:30	16:55:25	46	0.515	0.605
Gander, NF	15:25:26	16:25:02	17:20:54	36	0.311	0.423
Knob Lake, NF	15:02:31	16:03:42	17:02:18	41	0.315	0.427
Saint John's, NF	15:29:32	16:29:05	17:24:42	34	0.317	0.429
Aklavik, NT	10:39:55	11:31:20	12:24:22	24	0.301	0.414
Fort Simpson, NT	10:32:08	11:32:49	12:35:55	33	0.451	0.550
Inuvik, NT	10:40:54	11:32:16	12:25:13	25	0.296	0.410
Yellowknife, NT	10:38:08	11:39:01	12:41:47	35	0.421	0.524
Bridgewater, NS	14:40:29	15:52:18	16:58:51	44	0.501	0.594
Dartmouth, NS	14:42:09	15:52:59	16:58:38	43	0.484	0.579
Glace Bay, NS	14:47:57	15:54:30	16:56:22	40	0.412	0.516
Guysborough, NS	14:45:37	15:54:10	16:57:47	42	0.445	0.546
Halifax, NS	14:42:05	15:52:58	16:58:39	43	0.485	0.579
Kentville, NS	14:40:05	15:51:10	16:57:11	44	0.485	0.580
Liverpool, NS	14:40:19	15:52:38	16:59:35	44	0.511	0.602
New Glasgow, NS	14:43:19	15:52:32	16:56:49	42	0.454	0.553
Port Hawkesbury, NS	14:45:45	15:53:57	16:57:17	41	0.439	0.540
Sable Island, NS	14:49:46	15:58:31	17:01:58	41	0.458	0.556
Shelburne, NS	14:39:18	15:52:20	16:59:54	45	0.525	0.614
Sydney, NS	14:47:34	15:54:20	16:56:24	40	0.416	0.519
Truro, NS	14:42:17	15:52:11	16:57:05	43	0.465	0.563
Windsor, NS	14:40:51	15:51:47	16:57:36	44	0.483	0.578
Yarmouth, NS	14:37:40	15:51:13	16:59:18	46	0.533	0.620
Alert, NU	13:39:43	14:05:11	14:30:36	18	0.033	0.092
Iqaluit, NU	13:30:46	14:20:56	15:10:00	35	0.189	0.299
Resolute, NU	12:14:44	12:56:52	13:39:06	27	0.134	0.237
Grise Fiord, NU	13:25:05	14:02:22	14:39:35	25	0.094	0.185
Barrie, ON	13:09:53	14:30:38	15:47:21	54	0.688	0.748
Brampton, ON	13:09:51	14:31:24	15:48:46	55	0.710	0.765
Brantford, ON	13:08:58	14:31:18	15:49:23	56	0.732	0.783
Burlington, ON	13:09:55	14:31:52	15:49:31	55	0.720	0.773
Cambridge (Galt), ON	13:08:48	14:30:55	15:48:51	55	0.726	0.778
Chatham, ON	13:05:14	14:29:00	15:48:44	57	0.779	0.820
Cornwall, ON	13:19:42	14:37:25	15:50:33	51	0.609	0.684

East York, ON	13:10:44	14:32:07	15:49:13	55	0.704	0.760
Etobicoke, ON	13:10:16	14:31:47	15:49:03	55	0.708	0.764
Gloucester, ON	13:17:54	14:35:41	15:49:05	51	0.611	0.685
Guelph, ON	13:08:53	14:30:47	15:48:32	55	0.720	0.773
Hamilton, ON	13:09:47	14:31:51	15:49:35	55	0.723	0.776
Kapuskasing, ON	13:04:38	14:20:28	15:33:55	51	0.582	0.661
Kingston, ON	13:16:22	14:35:52	15:50:47	53	0.653	0.719
Kitchener, ON	13:08:26	14:30:32	15:48:29	55	0.726	0.778
London, ON	13:07:01	14:29:52	15:48:38	56	0.749	0.796
Markham, ON	13:10:49	14:31:59	15:48:54	54	0.698	0.756
Mississauga, ON	13:10:11	14:31:47	15:49:08	55	0.711	0.766
Nepean, ON	13:17:31	14:35:29	15:49:04	52	0.615	0.689
Niagara Falls, ON	13:11:27	14:33:20	15:50:44	55	0.717	0.771
North Bay, ON	13:10:01	14:28:31	15:43:26	53	0.632	0.703
North York, ON	13:10:32	14:31:52	15:48:57	55	0.703	0.759
Oakville, ON	13:10:05	14:31:51	15:49:21	55	0.715	0.769
Oshawa, ON	13:11:40	14:32:37	15:49:15	54	0.692	0.751
Ottawa, ON	13:17:39	14:35:26	15:48:52	51	0.611	0.685
Peterborough, ON	13:12:39	14:32:56	15:48:55	54	0.674	0.736
Point Pelee N.P., ON	13:04:42	14:29:01	15:49:15	58	0.797	0.834
Saint Catharines, ON	13:11:03	14:32:57	15:50:24	55	0.718	0.771
Saint Thomas, ON	13:07:09	14:30:11	15:49:05	56	0.755	0.801
Sarnia, ON	13:04:41	14:27:56	15:47:21	57	0.765	0.809
Sault Sainte Marie, ON	13:00:38	14:20:33	15:37:54	54	0.684	0.744
Scarborough, ON	13:10:51	14:32:10	15:49:11	55	0.702	0.759
Sudbury, ON	13:07:01	14:25:54	15:41:31	53	0.645	0.713
Thunder Bay, ON	12:52:09	14:10:53	15:28:29	53	0.682	0.742
Toronto, ON	13:10:38	14:32:05	15:49:14	55	0.706	0.762
Waterloo, ON	13:08:22	14:30:27	15:48:25	55	0.726	0.778
Welland, ON	13:11:06	14:33:12	15:50:47	55	0.723	0.776
Windsor, ON	13:03:33	14:27:40	15:47:56	57	0.793	0.831
Woodstock, ON	13:07:58	14:30:30	15:48:51	56	0.738	0.788
York, ON	13:10:25	14:31:52	15:49:04	55	0.706	0.762
Beauport, QC	13:26:11	14:39:48	15:49:01	48	0.522	0.611
Brossard, QC	13:22:06	14:38:40	15:50:39	50	0.584	0.663
Charlesbourg, QC	13:26:02	14:39:42	15:49:00	48	0.523	0.612
Chicoutimi, QC	13:25:59	14:37:40	15:45:25	47	0.484	0.579
Drummondville, QC	13:23:57	14:39:27	15:50:23	49	0.560	0.643
Gatineau, QC	13:17:46	14:35:27	15:48:47	51	0.609	0.683
Hull, QC	13:17:37	14:35:24	15:48:49	51	0.611	0.685
La Salle, QC	13:21:48	14:38:27	15:50:32	50	0.586	0.664
Laval, QC	13:21:31	14:38:04	15:50:06	50	0.583	0.662
Longueuil, QC	13:22:02	14:38:30	15:50:25	50	0.581	0.661
Montréal, QC	13:21:54	14:38:26	15:50:24	50	0.583	0.662
Montréal Nord, QC	13:21:44	14:38:13	15:50:09	50	0.581	0.661
Québec, QC	13:26:06	14:39:48	15:49:06	48	0.523	0.612
Sainte Foy, QC	13:26:01	14:39:47	15:49:09	48	0.525	0.613
Saint Hubert, QC	13:22:12	14:38:40	15:50:33	50	0.581	0.661
Saint Laurent, QC	13:21:42	14:38:19	15:50:22	50	0.584	0.663
Saint Léonard, QC	13:21:51	14:38:19	15:50:14	50	0.581	0.661
Shawinigan, QC	13:23:12	14:38:06	15:48:39	49	0.547	0.632
Sherbrooke, QC	13:25:17	14:40:59	15:51:56	49	0.565	0.647
Trois Rivières, QC	13:23:40	14:38:40	15:49:16	49	0.550	0.635
Verdun, QC	13:21:55	14:38:32	15:50:33	50	0.584	0.663
Moose Jaw, SK	10:29:01	11:44:48	13:03:20	48	0.752	0.799
Regina, SK	10:30:10	11:46:06	13:04:34	48	0.745	0.793
Saskatoon, SK	10:29:35	11:43:24	12:59:55	46	0.700	0.758
Dawson, YT	09:29:12	10:24:06	11:21:26	24	0.398	0.504
Whitehorse, YT	09:23:16	10:22:14	11:24:17	27	0.490	0.585

All Times are in Local Daylight Saving Time (Except Saskatchewan).

* Sun Altitude is given for maximum eclipse.

"Eclipses During 2017", Fred Espenak, *Observer's Handbook 2017*, Royal Astronomical Society of Canada