

Table 2 - Local Circumstances for Partial Solar Eclipse of 2011 June 01

Country	City	Eclipse Begins (h:m)	Maximum Eclipse (h:m)	Eclipse Ends (h:m)	Sun's Altitude °	Sun's Azimuth °	Eclipse Magnitude	Eclipse Obscuration
-	North Pole	20:27	21:21	22:14	22	321	0.469	0.354
Canada	Alert, NT	20:43	21:36	22:29	23	265	0.434	0.317
	Charlottetown, PEI	22:32	22:45	22:59	10	292	0.025	0.005
	Chatham, NB	22:32	22:44	22:57	12	290	0.020	0.003
	Churchill, MB	22:02	22:17	22:31	34	256	0.021	0.003
	Frobisher Bay, NT	21:31	22:14	22:56	22	276	0.241	0.136
	Glace Bay, NS	22:26	22:44	23:02	8	294	0.049	0.013
	Inuvik, NT	20:51	21:26	22:01	43	191	0.104	0.039
	Resolute, NT	20:57	21:46	22:34	31	238	0.285	0.174
	Saint John's, NF	22:11	22:39	23:07	5	298	0.124	0.051
China	Changchun	— r	20:01r	20:34	0	58	0.209	0.110
	Harbin	— r	20:01	20:37	2	59	0.227	0.124
	Shenyang Chi	— r	20:15r	20:31	0	59	0.132	0.056
Faeroe Islands	Torshavn	21:08	21:52s	— s	0	325	0.501	0.388
Greenland	Godthåb	21:26	22:12	22:57	15	290	0.331	0.215
Iceland	Reykjavík	21:13	22:01	22:48	5	314	0.462	0.346
Japan	Sapporo	19:27	19:50	20:14	8	67	0.085	0.029
Norway	Hammerfest	20:40	21:30	22:20	3	348	0.586	0.483
	Tromso	20:43	21:33	22:23	3	344	0.581	0.477
	Trondheim	20:54	21:02s	— s	0	329	0.129	0.054
North Korea	P'yongyang	— r	20:15r	20:21	0	61	0.050	0.013
Svalbard	Svalbard	20:36	21:28	22:20	11	344	0.561	0.455

All times are Universal Time.

'r' indicates eclipse in progress at sunrise.

's' indicates eclipse in progress at sunset.

Fred Espenak, "Eclipses During 2011," **Observer's Handbook 2011**,
 Royal Astronomical Society of Canada, University of Toronto Press, Toronto, 2010.