

**TABLE 5 — LOCAL CIRCUMSTANCES FOR THE PARTIAL SOLAR ECLIPSE OF 2018 AUG 11**

Country/Area	City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Altitude	Sun Azimuth	Eclipse Magnitude	Eclipse Obscuration
<b>Arctic</b>	North Pole	08:35	09:25	10:15	15	140	0.625	0.543
<b>China</b>	Beijing	10:12	10:51	- s	4	287	0.341	0.230
	Chengdu	10:46	11:07	11:28	8	283	0.085	0.030
	Chongqin	10:47	11:08	11:28	6	284	0.080	0.027
	Harbin	09:56	10:39	- s	1	291	0.480	0.375
	Nanjing	10:30	10:52s	- s	0	288	0.189	0.097
	Shanghai	10:30	10:40s	- s	0	288	0.105	0.041
	Shenyang	10:06	10:46	- s	1	290	0.407	0.297
	Tianjin	10:14	10:52	- s	3	287	0.332	0.221
	Wuhan	10:37	11:04	- s	1	288	0.152	0.070
	Xi'an	10:30	11:01	11:31	6	284	0.192	0.099
Zibo	10:19	10:55	- s	1	288	0.295	0.186	
<b>Finland</b>	Helsinki	08:51	09:18	09:45	43	157	0.079	0.027
<b>Iceland</b>	Reykjavk	08:10	08:44	09:20	21	99	0.198	0.104
<b>Kazakhstan</b>	Alma-Ata	10:15	10:41	11:07	35	257	0.090	0.033
<b>Korea, South</b>	Seoul	10:13	10:29s	- s	0	290	0.217	0.119
<b>Mongolia</b>	Ulaanbaatar	09:56	10:41	11:23	14	277	0.409	0.298
<b>Norway</b>	Oslo	08:41	09:01	09:22	39	135	0.049	0.013
<b>Russia</b>	Chelyabinsk	09:28	10:07	10:44	43	224	0.174	0.086
	Gorki	09:18	09:44	10:11	48	193	0.073	0.024
	Kazan	09:22	09:52	10:21	48	203	0.095	0.035
	Moscow	09:22	09:36	09:51	49	180	0.021	0.004
	Novosibirsk	09:36	10:23	11:07	31	251	0.339	0.229
	Omsk	09:33	10:17	11:00	37	241	0.266	0.161
	Perm	09:17	09:57	10:36	44	213	0.191	0.099
	St. Petersburg	08:56	09:24	09:53	45	166	0.091	0.033
Ufa	09:28	10:01	10:34	46	216	0.123	0.051	
<b>Svalbard &amp; Jan</b>	Svalbard	08:30	09:19	10:09	26	157	0.456	0.349
<b>Sweden</b>	Stockholm	08:50	09:09	09:29	42	145	0.042	0.010

All times are Universal Time (UT1).

Courtesy of Fred Espenak, "Eclipses During 2018", 2018 Observer's Handbook, Royal Astronomical Society Of Canada.