

**TABLE 3 — LOCAL CIRCUMSTANCES FOR THE PARTIAL SOLAR ECLIPSE OF 2022 OCTOBER 05**

Country, City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Altitude	Sun Azimuth	Eclipse Magnitude	Eclipse Obscuration
<b>EUROPE</b>							
Austria, Vienna	11:16	12:21	13:27	30	175	0.415	0.300
Belarus, Minsk	12:17	13:29	14:41	24	190	0.607	0.512
Belgium, Brussels	11:10	12:04	13:01	25	158	0.301	0.189
Bulgaria, Sofia	12:27	13:37	14:46	35	188	0.436	0.322
Czech Rep, Prague	11:13	12:17	13:22	27	172	0.416	0.301
Denmark, Copenhagen	11:07	12:11	13:17	22	169	0.469	0.356
Finland, Helsinki	12:12	13:22	14:31	18	184	0.631	0.540
France, Paris	11:13	12:03	12:55	26	155	0.241	0.137
Germany, Berlin	11:10	12:14	13:19	25	170	0.436	0.322
Germany, Munchen	11:14	12:15	13:17	29	168	0.351	0.236
Greece, Athens	12:36	13:44	14:51	39	191	0.377	0.262
Hungary, Budapest	11:18	12:25	13:33	30	179	0.441	0.327
Ireland, Dublin	10:07	10:53	11:40	18	145	0.224	0.123
Italy, Rome	11:26	12:22	13:19	35	170	0.265	0.157
Netherlands, Amsterdam	11:08	12:04	13:03	23	159	0.334	0.219
Poland, Warsaw	11:14	12:23	13:33	26	181	0.521	0.414
Romania, Bucharest	12:26	13:38	14:50	33	191	0.494	0.384
Russia, Moscow	12:25	13:39	14:51	20	202	0.709	0.633
Spain, Barcelona	11:33	12:08	12:43	33	154	0.096	0.035
Sweden, Stockholm	11:08	12:15	13:23	18	176	0.564	0.461
Switzerland, Zurich	11:15	12:11	13:09	29	164	0.298	0.186
Ukraine, Kiev	13:23	14:37	15:50	26	195	0.607	0.512
UK, London	10:09	10:59	11:51	22	152	0.259	0.151
<b>AFRICA</b>							
Algeria, Algiers	10:58	11:13	11:29	38	156	0.017	0.003
Egypt, Cairo	12:00	13:09	14:16	43	211	0.373	0.257
Ethiopia, Addis Abeba	11:27	11:59	12:29	43	244	0.069	0.022
Sudan, Khartoum	12:53	13:39	14:22	49	230	0.139	0.061
Tunisia, Tunis	10:41	11:24	12:09	40	168	0.140	0.061
<b>ASIA</b>							
Armenia, Jerevan	13:53	15:11	16:25	28	221	0.647	0.559
Azerbaijan, Baku	14:00	15:18	16:30	24	227	0.686	0.606
Iran, Tehran	14:41	15:58	17:09	24	232	0.643	0.554
Iraq, Baghdad	13:06	14:23	15:35	31	226	0.565	0.463
Israel, Tel Aviv	12:58	14:11	15:22	39	214	0.448	0.335
Saudi Arabia, Riyadh	13:31	14:43	15:48	32	236	0.449	0.335
Turkey, Istanbul	12:34	13:47	14:59	35	198	0.491	0.380
Uzbekistan, Taskent	15:23	16:35	-	9	245	0.750	0.683
India, Delhi	16:29	17:30	-	2	255	0.546	0.440
Pakistan, Karachi	15:58	17:02	-	11	251	0.500	0.390

All times are in Local Time.

Courtesy of Fred Espenak, "Eclipses During 2022", 2022 Observer's Handbook, Royal Astronomical Society Of Canada.