

**Table 5a: Local Circumstances for the Partial Solar Eclipse of 2014 October 23
from the Unites States**

	Eclipse Begins <i>hh:mm</i>	Maximum Eclipse <i>hh:mm</i>	Eclipse Ends <i>hh:mm</i>	Sun Altitude °	Sun Azimuth °	Eclipse Magnitude	Eclipse Obscuration
Albany, NY	17:45	17:59s	— s	0	255	0.164	0.077
Anchorage, AK	11:55	13:11	14:28	17	172	0.644	0.548
Atlanta, GA	18:00	18:53s	— s	0	256	0.385	0.266
Austin, TX	16:54	17:56	— s	11	250	0.366	0.247
Baltimore, MD	17:51	18:15s	— s	0	255	0.259	0.149
Baton Rouge, LA	17:02	17:59	— s	5	254	0.346	0.228
Bismarck, ND	16:10	17:27	18:36	11	240	0.655	0.560
Boise, ID	14:52	16:15	17:31	23	225	0.607	0.506
Boston, MA	17:47	17:48s	— s	0	255	0.018	0.003
Carson City, NV	13:54	15:17	16:33	28	224	0.534	0.423
Charleston, WV	17:50	18:36s	— s	0	256	0.429	0.310
Cheyenne, WY	15:16	16:33	17:42	15	239	0.578	0.472
Chicago, IL	16:36	17:43	— s	2	253	0.553	0.443
Cincinnati, OH	17:46	18:47s	— s	0	255	0.492	0.376
Cleveland, OH	17:42	18:32s	— s	0	255	0.487	0.371
Columbia, SC	18:02	18:39s	— s	0	256	0.327	0.210
Columbus, OH	17:45	18:40s	— s	0	255	0.489	0.373
Concord, NH	17:45	17:49s	— s	0	255	0.052	0.014
Dallas, TX	16:48	17:53	— s	10	249	0.414	0.295
Denver, CO	15:18	16:35	17:44	16	239	0.556	0.447
Des Moines, IA	16:30	17:41	— s	6	248	0.565	0.457
Detroit, MI	17:39	18:36s	— s	0	255	0.532	0.420
Dover, DE	17:52	18:11s	— s	0	255	0.206	0.107
Frankfort, KY	17:48	18:49s	— s	0	256	0.477	0.360
Harrisburg, PA	17:49	18:15s	— s	0	255	0.286	0.173
Hartford, CT	17:48	17:56s	— s	0	255	0.098	0.036
Helena, MT	14:53	16:16	17:31	19	228	0.652	0.558
Houston, TX	16:59	17:58	— s	9	251	0.347	0.229
Indianapolis, IN	17:43	18:47	— s	1	254	0.511	0.397
Jackson, MS	16:58	17:57	— s	4	254	0.382	0.262
Juneau, AK	12:10	13:31	14:50	19	193	0.696	0.610
Kansas City, MO	16:35	17:44	— s	7	249	0.526	0.414
Lansing, MI	17:37	18:42s	— s	0	255	0.556	0.446
Lincoln, NE	16:28	17:40	— s	9	246	0.560	0.452
Little Rock, AR	16:49	17:52	— s	6	252	0.439	0.320
Los Angeles, CA	14:08	15:28	16:40	29	229	0.452	0.335
Louisville, KY	17:47	18:49	— s	1	255	0.482	0.365
Madison, WI	16:32	17:40	— s	3	251	0.577	0.471
Memphis, TN	16:50	17:53	— s	4	253	0.438	0.320
Miami, FL	18:27	18:45s	— s	0	257	0.123	0.050
Milwaukee, WI	16:33	17:41	— s	2	252	0.572	0.465
Minneapolis, MN	16:23	17:35	— s	6	247	0.617	0.516
Montgomery, AL	17:02	17:58	— s	1	256	0.367	0.248
Montpelier, VT	17:42	17:52s	— s	0	254	0.120	0.048
Nashville, TN	16:51	17:52	— s	1	255	0.446	0.328
New Orleans, LA	17:05	18:00	— s	4	254	0.331	0.214
New York, NY	17:49	18:03s	— s	0	255	0.153	0.069

All times are in Local Daylight Saving Time.
's' indicates eclipse in progress at sunset.

"Eclipses During 2014," F. Espenak, **Observers Handbook: 2014**,
Royal Astronomical Society of Canada.