

**Table 5b: 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
Oklahoma City, OK	16:40	17:48	— s	10	248	0.469	0.352
Olympia, WA	13:35	15:00	16:20	25	214	0.633	0.535
Philadelphia, PA	17:51	18:08s	— s	0	255	0.200	0.103
Phoenix, AZ*	14:21	15:38	16:45	24	236	0.449	0.331
Pierre, SD	16:15	17:31	18:40	11	241	0.621	0.521
Pittsburgh, PA	17:46	18:27s	— s	0	255	0.417	0.297
Portland, OR	13:37	15:03	16:22	26	215	0.615	0.515
Raleigh, NC	17:59	18:28s	— s	0	256	0.282	0.170
Richmond, VA	17:55	18:21s	— s	0	256	0.267	0.156
Rochester, NY	17:41	18:13s	— s	0	255	0.361	0.242
Sacramento, CA	13:52	15:16	16:32	29	222	0.520	0.407
Salem, OR	13:38	15:03	16:23	27	215	0.606	0.504
Salt Lake City, UT	15:05	16:26	17:39	21	232	0.572	0.465
San Antonio, TX	16:56	17:57	18:52	12	250	0.349	0.231
San Diego, CA	14:14	15:32	16:42	28	232	0.430	0.312
San Francisco, CA	13:52	15:15	16:32	31	221	0.504	0.390
San Jose, CA	13:54	15:17	16:33	30	222	0.498	0.384
Santa Fe, NM	15:27	16:41	17:47	18	241	0.488	0.372
Seattle, WA	13:35	15:00	16:20	24	214	0.641	0.545
Springfield, IL	16:39	17:46	— s	3	252	0.524	0.411
St. Louis, MO	16:41	17:47	— s	4	252	0.505	0.390
St. Paul, MN	16:23	17:35	— s	6	247	0.616	0.515
Tallahassee, FL	18:09	18:56s	— s	0	257	0.313	0.197
Topeka, KS	16:34	17:44	— s	8	248	0.528	0.416
Washington, DC	17:52	18:17s	— s	0	255	0.269	0.158

All times are in Local Daylight Saving Time.

*Phoenix uses Mountain Standard Time.

's' indicates eclipse in progress at sunset.

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