

**Table 6 - Local Circumstances for Cities for the Partial Eclipse on 2024 Apr 08 (USA)**

State	City	Partial Begins	Maximum Eclipse	Partial Ends	Sun Alt.*	Sun Azm.*	Eclipse Magnitude	Eclipse Obscuration
Alabama	Birmingham	12:40:58	14:00:19	15:17:48	59	217	0.879	0.860
Arizona	Phoenix	10:08:24	11:20:03	12:35:03	60	144	0.705	0.640
California	Los Angeles	10:06:13	11:12:21	12:22:10	55	132	0.579	0.488
	San Diego	10:03:29	11:11:26	12:23:17	56	132	0.623	0.539
	San Francisco	10:14:03	11:13:25	12:15:50	50	131	0.448	0.340
	San Jose	10:13:02	11:13:19	12:16:43	50	131	0.464	0.357
Colorado	Denver	11:28:12	12:40:25	13:54:05	58	170	0.714	0.651
Connecticut	New Haven	14:12:42	15:27:13	16:37:29	42	236	0.917	0.907
Dist. of Columbia	Washington	14:04:23	15:20:37	16:33:00	47	232	0.890	0.873
Florida	Jacksonville	13:47:45	15:05:15	16:19:53	58	230	0.708	0.644
	Miami	13:47:45	15:01:56	16:13:23	60	237	0.557	0.462
	Tampa	13:43:41	15:00:40	16:15:10	61	230	0.655	0.579
Georgia	Atlanta	13:45:47	15:04:38	16:21:02	57	222	0.846	0.818
Hawaii	Honolulu	06:33:34	07:13:02	07:55:00	12	86	0.285	0.177
Illinois	Chicago	12:51:29	14:07:42	15:22:03	52	211	0.942	0.938
Kentucky	Louisville	13:49:07	15:07:10	16:22:58	54	217	0.989	0.993
Louisiana	New Orleans	12:29:46	13:49:47	15:09:05	65	209	0.845	0.817
Maryland	Baltimore	14:05:18	15:21:21	16:33:31	46	232	0.897	0.882
Massachusetts	Boston	14:16:07	15:29:49	16:39:09	40	238	0.932	0.926
Michigan	Detroit	13:58:23	15:14:22	16:27:39	49	220	0.991	0.994
	Grand Rapids	13:55:37	15:11:15	16:24:40	50	215	0.940	0.936
Minnesota	Minneapolis	12:49:42	14:02:39	15:14:45	51	199	0.785	0.739
Missouri	Kansas City	12:37:53	13:54:47	15:11:18	58	196	0.905	0.893
	St. Louis	12:42:55	14:00:46	15:17:19	56	207	0.987	0.990
Nebraska	Omaha	12:40:09	13:55:12	15:10:02	56	193	0.831	0.798
New York	Albany	14:12:16	15:26:38	16:36:57	42	234	0.966	0.967
	New York	14:10:37	15:25:36	16:36:25	43	235	0.911	0.899
North Carolina	Charlotte	13:54:07	15:11:56	16:26:30	53	228	0.834	0.802
Ohio	Cincinnati	13:52:12	15:09:49	16:24:56	53	219	0.994	0.997
	Columbus	13:55:38	15:12:45	16:27:05	51	221	0.997	0.999
Oklahoma	Oklahoma City	12:27:30	13:45:35	15:04:14	62	187	0.939	0.935
Oregon	Portland	10:33:46	11:25:56	12:19:55	46	141	0.334	0.223
Pennsylvania	Allentown	14:08:10	15:23:37	16:35:03	45	233	0.923	0.915
	Philadelphia	14:08:12	15:23:43	16:35:08	45	234	0.900	0.886
	Pittsburgh	14:00:48	15:17:19	16:30:32	48	226	0.971	0.973
Rhode Island	Providence	14:15:20	15:29:16	16:38:49	41	238	0.918	0.909
Tennessee	Memphis	12:37:43	13:56:59	15:15:05	60	208	0.976	0.979
	Nashville	12:44:37	14:03:27	15:20:17	57	215	0.949	0.948
Texas	El Paso	11:09:23	12:25:30	13:44:30	64	156	0.846	0.818
	Houston	12:20:02	13:40:14	15:01:11	67	191	0.943	0.940
Utah	Salt Lake City	11:25:38	12:32:15	13:41:02	55	155	0.576	0.485
Virginia	Richmond	14:02:29	15:19:04	16:31:48	48	232	0.856	0.830
Washington	Seattle	10:39:01	11:29:22	12:21:17	45	143	0.310	0.200
Wisconsin	Milwaukee	12:52:48	14:08:14	15:21:53	51	210	0.908	0.896

All Times are in Local Daylight Saving Time.

\* Sun Altitude and Azimuth given for mid-totality.

"Eclipses During 2024", Fred Espenak, *Observer's Handbook 2024*, Royal Astronomical Society of Canada