

**Table 1 - Local Circumstances for the Total Eclipse in the USA**

State/City	Partial Eclipse Begins	Total Eclipse Begins	Total Eclipse Ends	Partial Eclipse Ends	Sun Altitude	Duration Totality
<b>ARKANSAS</b>						
Conway	12:33:50 pm	01:51:05 pm	01:54:57 pm	03:11:36 pm	61°	03m52s
Hot Springs	12:31:54 pm	01:49:25 pm	01:53:02 pm	03:10:10 pm	62°	03m36s
Jonesboro	12:37:44 pm	01:55:34 pm	01:57:56 pm	03:14:43 pm	59°	02m22s
Little Rock	12:33:30 pm	01:51:34 pm	01:54:03 pm	03:11:31 pm	61°	02m29s
Texarkana	12:28:31 pm	01:46:51 pm	01:49:19 pm	03:07:36 pm	63°	02m29s
<b>ILLINOIS</b>						
Carbondale	12:42:58 pm	01:59:14 pm	02:03:22 pm	03:18:08 pm	57°	04m08s
<b>INDIANA</b>						
Bloomington	01:49:07 pm	03:04:48 pm	03:08:50 pm	04:22:25 pm	54°	04m02s
Evansville	12:45:49 pm	02:02:31 pm	02:05:36 pm	03:20:26 pm	56°	03m04s
Indianapolis	01:50:31 pm	03:06:02 pm	03:09:51 pm	04:23:11 pm	53°	03m49s
Marion	01:52:16 pm	03:08:09 pm	03:10:27 pm	04:24:04 pm	52°	02m17s
Muncie	01:52:15 pm	03:07:33 pm	03:11:19 pm	04:24:18 pm	52°	03m45s
Richmond	01:52:29 pm	03:07:54 pm	03:11:44 pm	04:24:44 pm	52°	03m50s
Terre Haute	01:48:14 pm	03:04:21 pm	03:07:15 pm	04:21:27 pm	54°	02m54s
<b>KENTUCKY</b>						
Paducah	12:42:55 pm	02:00:40 pm	02:02:21 pm	03:18:30 pm	57°	01m41s
<b>MAINE</b>						
Houlton	02:20:55 pm	03:31:00 pm	03:34:22 pm	04:40:19 pm	36°	03m22s
Presque Isle	02:22:13 pm	03:32:07 pm	03:34:56 pm	04:40:43 pm	35°	02m49s
<b>MISSOURI</b>						
Cape Girardeau	12:41:51 pm	01:58:17 pm	02:02:24 pm	03:17:26 pm	57°	04m07s
Poplar Bluff	12:39:40 pm	01:56:17 pm	02:00:26 pm	03:15:51 pm	58°	04m09s
<b>NEW YORK</b>						
Buffalo	02:04:53 pm	03:18:17 pm	03:22:02 pm	04:32:07 pm	46°	03m45s
Jamestown	02:03:36 pm	03:17:52 pm	03:20:44 pm	04:31:40 pm	46°	02m52s
Niagara Falls	02:04:41 pm	03:18:11 pm	03:21:37 pm	04:31:50 pm	46°	03m26s
Plattsburgh	02:14:00 pm	03:25:41 pm	03:29:14 pm	04:37:03 pm	40°	03m33s
Rochester	02:06:58 pm	03:20:05 pm	03:23:45 pm	04:33:23 pm	44°	03m40s
Syracuse	02:08:59 pm	03:22:59 pm	03:24:28 pm	04:34:46 pm	44°	01m28s
Watertown	02:10:04 pm	03:22:31 pm	03:26:10 pm	04:34:58 pm	43°	03m39s
<b>OHIO</b>						
Akron	01:59:07 pm	03:14:11 pm	03:17:00 pm	04:29:03 pm	49°	02m49s
Bowling Green	01:56:18 pm	03:11:21 pm	03:14:17 pm	04:26:43 pm	50°	02m56s
Cleveland	01:59:19 pm	03:13:42 pm	03:17:31 pm	04:28:57 pm	49°	03m49s
Dayton	01:53:27 pm	03:09:25 pm	03:12:08 pm	04:25:32 pm	52°	02m43s
Lima	01:54:50 pm	03:09:47 pm	03:13:38 pm	04:26:01 pm	51°	03m51s
Mansfield	01:57:13 pm	03:12:20 pm	03:15:35 pm	04:27:50 pm	50°	03m16s
Toledo	01:56:47 pm	03:12:16 pm	03:14:03 pm	04:26:54 pm	50°	01m47s
<b>PENNSYLVANIA</b>						
Erie	02:02:23 pm	03:16:20 pm	03:20:02 pm	04:30:48 pm	47°	03m42s
<b>TEXAS</b>						
Austin	12:17:11 pm	01:36:02 pm	01:37:58 pm	02:58:05 pm	67°	01m56s
Dallas	12:23:14 pm	01:40:40 pm	01:44:28 pm	03:02:37 pm	65°	03m48s
Fort Worth	12:22:29 pm	01:40:24 pm	01:43:03 pm	03:01:48 pm	65°	02m39s
Temple	12:19:19 pm	01:37:08 pm	01:40:54 pm	02:59:46 pm	66°	03m46s
Texarkana	12:28:31 pm	01:46:51 pm	01:49:19 pm	03:07:36 pm	63°	02m29s
Waco	12:20:27 pm	01:37:58 pm	01:42:11 pm	03:00:39 pm	66°	04m12s
<b>VERMONT</b>						
Burlington	02:14:13 pm	03:26:05 pm	03:29:21 pm	04:37:18 pm	40°	03m16s
Montpelier	02:14:56 pm	03:27:33 pm	03:29:14 pm	04:37:50 pm	40°	01m41s