

Table 4C — Annular Solar Eclipse of 2023 October 14: Annular Eclipse from USA

City/State	Eclipse Begins	Annular Begins	Annular Ends	Eclipse Ends	Maximum Eclipse	Sun Altitude	Sun Azimuth	Annular Duration
Oregon								
Coos Bay	08:04:59	09:16:03	09:20:06	10:38:42	09:18:05	18	120	04m03s
Corvallis	08:05:37	09:18:00	09:19:45	10:39:29	09:18:53	18	122	01m45s
Eugene	08:05:29	09:17:01	09:20:50	10:39:49	09:18:56	18	122	03m48s
Klamath Falls	08:05:20	09:17:59	09:21:21	10:41:50	09:19:40	20	122	03m22s
Medford	08:05:04	09:18:22	09:19:24	10:40:29	09:18:53	19	121	01m03s
Roseburg	08:05:09	09:16:28	09:20:49	10:39:44	09:18:39	18	121	04m21s
Nevada								
Elko	08:07:17	09:22:30	09:26:48	10:50:10	09:24:39	25	128	04m18s
New Mexico								
Albuquerque	09:13:10	10:34:29	10:39:18	12:09:24	10:36:53	36	137	04m50s
Artesia	09:16:01	10:39:59	10:43:36	12:16:26	10:41:48	40	139	03m38s
Carlsbad	09:16:24	10:41:34	10:43:17	12:17:22	10:42:26	40	139	01m43s
Farmington	09:11:43	10:31:52	10:36:11	12:04:58	10:34:02	34	135	04m19s
Gallup	09:11:40	10:33:03	10:35:11	12:05:25	10:34:07	34	134	02m08s
Hobbs	09:17:09	10:41:13	10:46:08	12:18:56	10:43:41	41	141	04m55s
Los Alamos	09:13:16	10:35:17	10:38:24	12:09:01	10:36:50	36	138	03m07s
Roswell	09:15:37	10:38:46	10:43:27	12:15:25	10:41:07	39	139	04m41s
Santa Fe	09:13:28	10:35:55	10:38:41	12:09:46	10:37:18	36	138	02m46s
Texas								
Alamo	10:23:46	11:51:55	11:56:28	13:32:53	11:54:11	47	148	04m33s
Alice	10:25:48	11:55:11	11:59:22	13:37:00	11:57:16	49	148	04m11s
Andrews	10:17:53	11:42:25	11:47:20	13:20:35	11:44:53	42	142	04m55s
Beeville	10:25:32	11:54:26	11:59:21	13:36:24	11:56:53	49	149	04m54s
Big Spring	10:18:54	11:44:46	11:48:13	13:22:37	11:46:30	42	144	03m27s
Corpus Christi	10:26:30	11:55:49	12:00:51	13:38:16	11:58:20	49	150	05m02s
Ingleside	10:26:36	11:56:02	12:00:58	13:38:26	11:58:30	49	150	04m56s
Kerrville	10:22:41	11:50:24	11:54:38	13:30:41	11:52:31	46	147	04m14s
Kingsville	10:26:16	11:55:55	12:00:01	13:37:53	11:57:58	49	149	04m06s
Lamesa	10:18:10	11:43:45	11:46:48	13:20:57	11:45:17	42	143	03m03s
Midland	10:18:29	11:43:25	11:48:20	13:21:55	11:45:52	42	143	04m55s
Odessa	10:18:18	11:43:10	11:48:00	13:21:35	11:45:35	42	142	04m50s
Portland	10:26:29	11:55:48	12:00:48	13:38:12	11:58:18	49	150	05m00s
Robstown	10:26:13	11:55:27	12:00:22	13:37:45	11:57:54	49	149	04m55s
San Angelo	10:20:20	11:47:15	11:50:23	13:25:46	11:48:49	44	145	03m08s
San Antonio	10:23:50	11:52:06	11:56:30	13:33:02	11:54:18	47	148	04m24s
Schertz	10:24:00	11:52:56	11:56:09	13:33:16	11:54:32	47	148	03m13s
Uvalde	10:22:42	11:50:36	11:54:32	13:30:58	11:52:34	46	146	03m57s

All Times are Local Times.

F. Espenak, "Eclipses During 2023", 2023 Observer's Handbook, Royal Astronomical Society Of Canada.