

## Annular Solar Eclipse of 2021 June 10

**Table 5c — Local Circumstances for the Partial Eclipse in the USA: PA - WI**

<b>CITY, PROVINCE*</b>	<b>Eclipse Begins</b>	<b>Maximum Eclipse</b>	<b>Eclipse Ends</b>	<b>Sun Alt.**</b>	<b>Sun Azm.**</b>	<b>Ecl. Obsc.</b>	<b>Ecl. Mag.</b>
<b>Pennsylvania</b>							
Allentown, PA	-	5:33:33	6:31:16	0	59	0.804	0.733
Erie, PA	-	-	6:35:48	0	57	0.827	0.761
Harrisburg, PA	-	-	6:31:21	0	58	0.800	0.728
Philadelphia, PA	-	-	6:30:04	0	59	0.793	0.721
Pittsburgh, PA	-	-	6:33:05	0	58	0.723	0.637
Scranton, PA	-	5:34:42	6:32:42	1	59	0.815	0.746
<b>Rhode Island</b>							
Providence, RI	-	5:32:46	6:31:48	3	61	0.795	0.723
<b>South Carolina</b>							
Charleston, SC	-	-	6:21:16	0	62	0.150	0.067
Columbia, SC	-	-	6:23:50	0	61	0.185	0.092
Greenville, SC	-	-	6:25:57	0	61	0.201	0.103
<b>South Dakota</b>							
Sioux Falls, SD	-	-	5:47:03	0	56	0.068	0.021
<b>Tennessee</b>							
Chattanooga, TN	-	-	6:28:06	0	61	0.044	0.011
Knoxville, TN	-	-	6:28:31	0	60	0.192	0.097
Nashville, TN	-	-	5:30:39	0	60	0.037	0.008
<b>Vermont</b>							
Montpelier, VT	-	5:36:51	6:36:28	4	61	0.830	0.765
<b>Virginia</b>							
Alexandria, VA	-	-	6:29:06	0	59	0.693	0.602
Arlington, VA	-	-	6:29:18	0	59	0.696	0.605
Chesapeake, VA	-	-	6:28:41	0	59	0.722	0.636
Hampton, VA	-	-	6:25:51	0	60	0.606	0.501
Newport News, VA	-	-	6:25:57	0	60	0.602	0.496
Norfolk, VA	-	-	6:25:30	0	60	0.601	0.495
Portsmouth, VA	-	-	6:25:31	0	60	0.600	0.494
Richmond, VA	-	-	6:27:15	0	60	0.612	0.508
Virginia Beach, VA	-	-	6:25:20	0	60	0.610	0.505
<b>West Virginia</b>							
Charleston, WV	-	-	6:30:42	0	59	0.492	0.375
<b>Wisconsin</b>							
Madison, WI	-	-	5:42:00	0	56	0.439	0.319
Milwaukee, WI	-	-	5:41:07	0	56	0.514	0.398

\* Cities are listed alphabetically by Province

\*\* Sun Altitude & Azimuth are given for maximum eclipse.

All Times are in Local Daylight Saving Time (Except Saskatchewan).

"Eclipses During 2021", Fred Espenak,

Observer's Handbook 2021, Royal Astronomical Society of Canada