

Eclipses During 2020

Table 2b – Local Circumstances for the Annular Solar Eclipse of 2020 June 21 - WESTERN ASIA

Country	City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Alt	Sun Azm	Eclipse Mag.	Eclipse Obs.
ASIA					°	°		
Armenia	Jerevan	08:46	09:46	10:52	45	97	0.397	0.281
Azerbaijan	Baku	08:47	09:52	11:04	51	102	0.452	0.338
Georgia	Tbilisi	08:50	09:49	10:52	46	99	0.366	0.250
Iran	Esfahan	07:58	09:12	10:38	51	92	0.658	0.571
	Mashhad	08:10	09:30	10:59	61	107	0.660	0.574
	Qom	08:02	09:14	10:36	51	95	0.601	0.504
	Tabriz	08:10	09:14	10:26	47	95	0.465	0.351
	Tehran	08:05	09:17	10:38	52	97	0.582	0.482
Iraq	Baghdad	07:28	08:35	09:50	43	88	0.550	0.446
	Mosul	07:35	08:38	09:48	43	91	0.467	0.353
Israel	Tel Aviv-Yafo	06:26	07:25	08:30	33	81	0.457	0.343
Jordan	Amman	06:26	07:25	08:32	34	82	0.474	0.361
Kuwait	Kuwait City	07:19	08:32	09:57	46	86	0.692	0.612
Lebanon	Beirut	06:31	07:28	08:32	35	83	0.427	0.311
	Tripoli	06:32	07:29	08:33	35	84	0.420	0.304
Saudi Arabia	Jiddah	07:04	08:12	09:31	32	75	0.759	0.693
	Mecca	07:04	08:12	09:32	33	75	0.769	0.705
	Riyadh	07:10	08:23	09:50	42	80	0.789	0.731
Syria	Damascus	06:29	07:28	08:33	35	83	0.445	0.330
Turkey	Ankara	07:48	08:36	09:27	35	87	0.270	0.161
	Istanbul	07:54	08:35	09:20	32	85	0.207	0.109
	Izmir	07:47	08:30	09:17	29	82	0.237	0.133
U.A.E.	Dhabi	08:13	09:33	11:09	51	82	0.902	0.872
Yemen	Sana	06:56	08:08	09:33	34	72	0.984	0.971
Afghanistan	Kabul	09:16	10:47	12:26	71	122	0.804	0.750
Bangladesh	Chittagong	11:28	13:17	14:55	71	277	0.723	0.651
	Dacca	11:23	13:12	14:52	73	273	0.764	0.701
	Khulna	11:20	13:10	14:50	75	276	0.734	0.664
India	Ahmadabad	10:04	11:42	13:32	76	85	0.821	0.772
	Bangalore	10:13	11:48	13:32	77	36	0.474	0.361
	Bombay	10:01	11:38	13:28	75	70	0.698	0.621
	Calcutta	10:46	12:36	14:17	77	277	0.725	0.653
	Delhi	10:20	12:02	13:49	83	136	0.954	0.939
	Hyderabad	10:15	11:56	13:44	82	40	0.599	0.503
	Indore	10:10	11:52	13:42	82	83	0.782	0.724
	Kanpur	10:25	12:10	13:57	87	177	0.868	0.831
	Lucknow	10:27	12:12	13:59	86	193	0.877	0.842
	Madras	10:22	11:59	13:42	79	15	0.455	0.342
	Nagpur	10:18	12:02	13:51	86	54	0.710	0.635
	Patna	10:37	12:25	14:10	82	256	0.824	0.776
	Pune	10:03	11:41	13:31	76	67	0.675	0.592
	Surat	10:02	11:40	13:31	76	78	0.764	0.700
Kazakhstan	Alma-Ata	11:16	12:41	14:06	70	171	0.600	0.504
Nepal	Kathmandu	10:39	12:26	14:10	81	244	0.891	0.859
Pakistan	Faisalabad	09:46	11:23	13:07	77	125	0.927	0.905
	Karachi	09:26	10:59	12:47	68	89	0.934	0.914
	Lahore	09:49	11:26	13:10	78	131	0.932	0.911
	Rawalpindi	09:50	11:25	13:06	76	133	0.862	0.823
Sri Lanka	Colombo	10:29	11:51	13:19	73	17	0.275	0.165
Uzbekistan	Taskent	10:02	11:24	12:52	68	140	0.611	0.517

All times listed are in Local Time.

"Eclipses During 2020", Fred Espenak,
Observer's Handbook 2020, Royal Astronomical Society of Canada