

Eclipses During 2020

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

Country	City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Alt	Sun Azm	Eclipse Mag.	Eclipse Obs.
ASIA					°	°		
China	Beijing	14:34	15:50	16:59	42	267	0.589	0.491
	Guangzhou	14:34	16:06	17:23	40	282	0.905	0.875
	Changchun	14:50	15:53	16:50	35	270	0.414	0.299
	Chengdu	14:04	15:43	17:08	54	268	0.948	0.931
	Chongqing	14:12	15:49	17:12	51	272	0.961	0.947
	Dalian	14:43	15:57	17:02	37	272	0.571	0.470
	Dongguan	14:35	16:07	17:24	40	282	0.909	0.880
	Hangzhou	14:44	16:06	17:17	36	279	0.812	0.759
	Harbin	14:53	15:51	16:45	34	269	0.359	0.243
	Hong Kong	14:37	16:08	17:24	39	283	0.891	0.858
	Nanjing	14:40	16:03	17:14	38	276	0.778	0.717
	Shanghai	14:46	16:06	17:16	35	278	0.772	0.710
	Shenyang	14:47	15:54	16:55	36	270	0.481	0.369
	Shenzhen	14:37	16:08	17:24	39	283	0.898	0.867
	Shijiazhuang	14:29	15:51	17:02	44	267	0.655	0.568
	Xi'an	14:17	15:48	17:06	49	267	0.807	0.753
	Tianjin	14:35	15:52	17:01	41	268	0.603	0.507
	Wuhan	14:31	15:59	17:15	42	275	0.862	0.822
Japan	Fukuoka	16:00	17:10	18:11	27	281	0.618	0.523
	Nagoya	16:08	17:10	18:06	22	284	0.512	0.402
	Osaka	16:06	17:10	18:08	23	284	0.538	0.432
	Sapporo	16:13	17:01	17:46	22	282	0.291	0.179
	Tokyo	16:11	17:10	18:04	20	285	0.470	0.356
Korea, South	Pusan	15:57	17:07	18:09	29	280	0.594	0.496
	Seoul	15:53	17:03	18:04	32	277	0.554	0.450
Korea, North	P'yongyang	15:51	17:00	18:01	33	275	0.530	0.422
Cambodia	Phnum Penh	13:31	15:01	16:16	46	292	0.480	0.368
Malaysia	Johor Baharu	14:03	15:03	15:55	42	301	0.171	0.083
	Kuala Lumpur	13:50	14:57	15:55	46	301	0.201	0.104
Myanmar	Rangoon	12:19	14:04	15:33	62	288	0.568	0.466
Philippines	Cebu	15:12	16:28	17:33	22	291	0.666	0.579
	Davao	15:19	16:31	17:33	18	292	0.596	0.497
	Manila	15:01	16:23	17:32	27	289	0.751	0.683
Singapore	Singapore	15:04	16:03	16:55	42	301	0.167	0.080
Taiwan	Taipei	14:50	16:13	17:24	32	283	0.939	0.917
Thailand	Bangkok	13:11	14:49	16:10	54	291	0.505	0.396
Vietnam	Hanoi	13:16	14:56	16:18	49	282	0.771	0.709
	Ho Chi Minh City	13:38	15:06	16:18	43	292	0.474	0.361
Indonesia	Medan	14:39	15:48	16:47	51	304	0.186	0.094
	Surabaya	16:02	16:22	16:41	26	300	0.027	0.005
	Ujung Pandang	15:44	16:30	17:11	19	297	0.170	0.082
	Medan	14:39	15:48	16:47	51	304	0.186	0.094
	Palembang	15:33	16:06	16:38	38	303	0.056	0.016

All times listed are in Local Time.

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