

Table 2 - Local Circumstances for the Annular Solar Eclipse of 2010 Jan 15

Location	Eclipse Begins h m	Max. Eclipse h m	Eclipse Ends h m	Sun Alt °	Sun Azim °	Eclip. Mag.	Eclip. Obs.	Duration of Annularity
Bangladesh								
Chittagong	06:46	08:33	10:02	33	223	0.898	0.825	
Burma								
Yangon	06:50	08:35	10:01	34	229	0.817	0.740	
China								
Beijing	07:33	08:52	— s	3	239	0.823	0.743	
Chengdu	07:17	08:49	10:07	17	232	0.895	0.819	
Chongqing	07:21	08:51	10:07	15	234	0.910	0.827	07m50s
Shanghai	07:40	08:57	— s	3	243	0.813	0.732	
Shuicheng	07:17	08:49	10:07	19	234	0.910	0.829	01m17s
Xi'an	07:25	08:52	— s	11	235	0.872	0.797	
Zibo	07:35	08:55	— s	3	241	0.906	0.822	04m27s
Congo								
Brazzaville	— r	05:15	06:29	3	111	0.651	0.545	
Ethiopia								
Addis Abeba	04:14	05:39	07:26	25	118	0.701	0.605	
Hong Kong								
Victoria	07:33	08:54	— s	13	240	0.674	0.572	
India								
Ahmadabad	05:57	07:52	09:34	45	191	0.564	0.450	
Bangalore	05:47	07:53	09:41	53	202	0.846	0.774	
Calcutta	06:37	08:28	09:59	36	219	0.835	0.761	
Delhi	06:23	08:09	09:41	38	200	0.531	0.413	
Hyderabad	05:59	08:02	09:45	48	204	0.771	0.687	
Madras	05:56	08:01	09:45	51	208	0.892	0.823	
Mombai	05:47	07:48	09:35	49	191	0.645	0.541	
Israel								
Jerusalem	05:04	06:03	07:12	15	127	0.237	0.130	
Japan								
Osaka	07:47	08:08s	— s	0	244	0.263	0.151	
Kenya								
Nairobi	04:06	05:30	07:15	25	113	0.912	0.832	06m53s
Malaysia								
Kuala Lumpur	07:01	08:26	09:38	39	239	0.409	0.286	
Maldives								
Male	05:15	07:26	09:23	65	186	0.919	0.844	10m45s
Philippines								
Manila	07:49	08:54	— s	11	245	0.390	0.267	
Saudi Arabia								
Mecca	04:39	05:56	07:29	23	126	0.411	0.288	
Singapore								
Singapore	07:10	08:26	09:32	38	242	0.329	0.210	
South Korea								
Seoul	07:41	08:35s	— s	0	243	0.681	0.580	
Sri Lanka								
Colombo	05:42	07:50	09:37	58	207	0.902	0.833	
Tanzania								
Dar-es-Salaam	04:08	05:32	07:17	30	111	0.798	0.717	
Thailand								
Bangkok	07:01	08:38	09:58	32	234	0.673	0.573	
Uganda								
Kampala	04:06	05:25	07:04	20	113	0.911	0.830	07m31s

All times are Universal Time.
'r' indicates eclipse in progress at sunrise.
's' indicates eclipse in progress at sunset.

