TABLE 14
LOCAL CIRCUMSTANCES FOR ASIA MINOR
TOTAL SOLAR ECLIPSE OF 2008 AUGUST 01

Location Name	Latitude	Longitude	Elev.	First Contact				Second Contact				Third Contact				Fourth Contact				Maximum Eclipse					Eclip.
				U.T.	P	V	Alt	U.T.	P	V		U.T.	P	V		U.T.	P	V	Alt	U.T.	P	V	Alt	Azm	Mag.
			m	h m s	°	°	°	h m s	°	°		h m s	°	°		h m s	°	°	°	h m s	°	°	°	°	
ARMENIA																									
Jerevan	40°11'N	044°30'E	—	09:45:46.3	345	327	66	—				—				11:41:09.8	82	34	50	10:45:15.9	33	355	59	230	0.341
AZERBAIJAN																									
Baku	40°23'N	049°51'E	—	09:48:28.2	339	311	64	—				—				11:50:10.1	87	37	45	10:51:30.1	33	350	55	239	0.428
BAHRAIN																									
Al-Manamah	26°13'N	050°35'E	—	10:40:19.9	3	295	62	—				—				12:00:57.6	68	357	44	11:21:51.9	36	325	53	265	0.164
GEORGIA																									
Tbilisi	41°43'N	044°49'E	—	09:41:05.0	342	327	65	—				—				11:40:23.2	84	38	50	10:42:34.8	33	357	59	228	0.377
IRAN																									
Bakhtaran	34°19'N	047°04'E	1320	10:07:38.4	353	312	67	—				—				11:50:40.3	77	18	48	11:00:53.4	35	341	58	247	0.265
Esfahan	32°40'N	051°38'E	1597	10:14:18.5	349	298	64	—				—				12:00:48.6	80	18	43	11:09:34.1	35	335	53	255	0.311
Mashhad	36°18'N	059°36'E	—	10:06:09.3	334	285	58	—				—				12:07:24.0	92	34	35	11:09:21.9	33	337	46	258	0.505
Qom	34°39'N	050°54'E	—	10:07:14.7	347	302	65	—				—				11:57:50.6	82	23	44	11:04:37.2	34	339	54	251	0.336
Tabriz	38°05'N	046°18'E	—	09:53:45.2	347	319	67	—				—				11:46:25.4	81	29	49	10:51:58.1	34	349	58	238	0.327
Tehran	35°40'N	051°26'E	1200	10:04:01.1	344	302	64	—				—				11:57:47.7	84	26	43	11:03:04.4	34	341	54	250	0.364
IRAQ																									
Basrah	30°30'N	047°50'E	—	10:23:04.7	359	305	66	—				—				11:53:52.6	72	7	48	11:09:55.4	35	334	57	255	0.201
Mosul	36°20'N	043°08'E	223	09:59:16.2	354	328	69	—				—				11:40:31.1	74	21	53	10:51:23.5	34	350	62	236	0.240
Baghdad	33°21'N	044°25'E	34	10:11:45.6	359	319	69	—				—				11:44:33.0	71	13	52	10:59:31.7	35	342	61	245	0.199
ISRAEL																									
Haifa	32°49'N	034°59'E	—	10:28:29.1	23	352	72	—				—				11:02:57.6	47	1	67	10:45:49.1	35	356	70	225	0.022
JORDAN																									
'Amman	31°57'N	035°56'E	776	10:33:43.5	24	347	72	—				—				11:04:58.6	46	357	67	10:49:25.1	35	351	69	231	0.018
KUWAIT																									
Kuwait City	29°20'N	047°59'E	5	10:28:07.9	1	303	66	—				—				11:54:22.3	70	4	47	11:12:34.6	36	332	56	258	0.180
LEBANON																									
Beirut	33°53'N	035°30'E	—	10:16:56.9	16	352	72	—				—				11:11:16.1	54	7	65	10:44:27.0	35	357	69	224	0.056
OMAN																									
Masqat	23°37'N	058°35'E	—	10:46:09.7	354	280	54	—				—				12:17:35.1	75	2	33	11:33:33.6	35	320	43	273	0.253
SAUDI ARABIA																									
Riyadh	24°38'N	046°43'E	591	10:55:04.9	17	306	62	—				—				11:46:08.3	56	343	51	11:21:01.6	36	324	56	265	0.059
SYRIA																									
Damascus	33°30'N	036°18'E	720	10:18:08.6	15	348	72	—				—				11:14:28.5	55	6	64	10:46:41.7	35	354	69	227	0.060
Halab	36°12'N	037°10'E	390	10:00:32.8	4	349	71	—				—				11:22:39.5	64	18	60	10:42:26.6	34	359	67	222	0.137
TURKEY																									
Adana	37°01'N	035°18'E	25	09:57:00.7	5	357	71	—				—				11:16:35.5	63	21	62	10:37:31.3	34	5	68	215	0.126
Ankara	39°56'N	032°52'E	861	09:42:22.9	360	6	68	—				—				11:10:57.3	65	32	62	10:27:23.1	33	17	67	200	0.158
Antalya	36°53'N	030°43'E	—	10:02:27.3	15	15	71	—				—				10:55:18.7	52	23	68	10:29:07.2	33	18	70	198	0.050
Bursa	40°11'N	029°04'E	—	09:41:14.4	5	19	67	—				—				10:57:21.2	59	37	65	10:19:41.9	32	27	68	186	0.110
Gaziantep	37°05'N	037°22'E	—	09:56:01.6	1	349	70	—				—				11:23:57.2	67	21	60	10:40:56.4	34	1	66	221	0.161
Istanbul	41°01'N	028°58'E	18	09:36:39.5	2	18	66	—				—				10:58:34.0	62	40	65	10:18:03.3	32	28	67	185	0.130
Izmir	38°25'N	027°09'E	28	09:55:43.5	16	28	69	—				—				10:41:49.4	48	35	69	10:18:54.0	32	31	69	181	0.037
Konya	37°52'N	032°31'E	—	09:53:35.4	7	8	70	—				—				11:06:48.3	59	25	65	10:30:42.9	33	14	69	203	0.102
UNITED ARAB EMIRATES																									
Abu Dhabi	24°28'N	054°22'E	—	10:45:02.7	360	287	58	—				—				12:09:45.4	71	358	38	11:28:48.5	35	322	48	270	0.197
Dubai	25°16'N	055°20'E	—	10:41:18.0	357	286	58	—				—				12:11:31.9	74	2	37	11:28:01.1	35	323	47	269	0.230