

# TOTAL SOLAR ECLIPSE OF 2012 NOVEMBER 13

## TABLE 5

### LOCAL CIRCUMSTANCES ON THE CENTRAL LINE TOTAL SOLAR ECLIPSE OF 2012 NOVEMBER 13

ΔT = 66.8 s

Central Line Maximum Eclipse			First Contact				Second Contact			Third Contact			Fourth Contact			
U.T.	Durat.	Alt	U.T.	P	V	Alt	U.T.	P	V	U.T.	P	V	U.T.	P	V	Alt
20:36	01m40.9s	1	-	-	-	-	20:35:16	106	209	20:36:57	286	29	21:30:51	107	206	13
20:40	02m08.2s	15	19:44:45	287	34	3	20:38:56	108	211	20:41:04	288	31	21:41:23	109	209	30
20:45	02m24.1s	23	19:46:47	288	36	10	20:43:48	109	213	20:46:12	289	33	21:50:11	109	211	38
20:50	02m36.5s	29	19:49:26	288	37	15	20:48:42	109	215	20:51:19	289	35	21:58:08	110	213	44
20:55	02m47.2s	34	19:52:23	289	38	20	20:53:37	109	217	20:56:24	289	36	22:05:37	110	216	50
21:00	02m56.8s	38	19:55:31	289	40	23	20:58:32	109	218	21:01:29	289	38	22:12:48	110	219	54
21:05	03m05.4s	42	19:58:48	289	41	27	21:03:28	109	220	21:06:33	289	40	22:19:43	110	222	58
21:10	03m13.4s	45	20:02:11	289	42	30	21:08:24	109	222	21:11:37	289	42	22:26:24	109	226	62
21:15	03m20.6s	48	20:05:41	289	43	33	21:13:20	109	224	21:16:41	289	44	22:32:54	109	231	65
21:20	03m27.3s	51	20:09:15	289	45	36	21:18:17	109	226	21:21:44	289	46	22:39:12	109	237	67
21:25	03m33.4s	54	20:12:55	289	46	39	21:23:14	109	229	21:26:47	289	49	22:45:19	108	244	69
21:30	03m38.9s	57	20:16:39	289	47	42	21:28:11	109	232	21:31:50	289	52	22:51:16	108	252	71
21:35	03m43.8s	59	20:20:28	289	49	44	21:33:08	108	235	21:36:52	288	55	22:57:03	107	261	72
21:40	03m48.1s	61	20:24:21	288	51	46	21:38:06	108	239	21:41:54	288	59	23:02:39	107	271	72
21:45	03m51.9s	63	20:28:19	288	52	49	21:43:04	108	243	21:46:56	288	64	23:08:06	106	280	72
21:50	03m55.2s	65	20:32:22	288	54	51	21:48:03	107	248	21:51:58	287	69	23:13:24	106	289	71
21:55	03m57.8s	66	20:36:30	288	57	53	21:53:01	107	253	21:56:59	287	74	23:18:32	105	296	70
22:00	03m59.8s	67	20:40:43	287	59	55	21:58:00	106	259	22:02:00	286	81	23:23:32	105	302	69
22:05	04m01.2s	68	20:45:02	287	62	57	22:03:00	106	265	22:07:01	286	87	23:28:23	104	308	67
22:10	04m02.0s	68	20:49:27	286	65	59	22:07:59	105	272	22:12:01	285	94	23:33:05	103	312	65
22:15	04m02.2s	68	20:53:58	286	69	61	22:12:59	104	279	22:17:01	284	101	23:37:40	103	315	63
22:20	04m01.8s	67	20:58:37	285	73	62	22:17:59	104	286	22:22:01	284	108	23:42:07	102	318	61
22:25	04m00.7s	67	21:03:22	285	78	64	22:23:00	103	292	22:27:00	283	114	23:46:27	101	320	58
22:30	03m59.0s	65	21:08:14	284	83	65	22:28:00	103	298	22:31:59	283	119	23:50:40	101	321	56
22:35	03m56.7s	64	21:13:15	284	89	65	22:33:02	102	303	22:36:58	282	124	23:54:46	100	323	54
22:40	03m53.7s	62	21:18:25	283	96	66	22:38:03	101	308	22:41:57	281	129	23:58:46	99	324	51
22:45	03m50.1s	60	21:23:43	282	102	66	22:43:05	101	312	22:46:55	280	133	00:02:40	99	325	49
22:50	03m45.8s	58	21:29:11	282	109	66	22:48:07	100	315	22:51:53	280	136	00:06:28	98	326	46
22:55	03m40.9s	56	21:34:50	281	116	65	22:53:09	99	318	22:56:50	279	139	00:10:10	98	326	43
23:00	03m35.3s	53	21:40:39	280	122	63	22:58:12	98	320	23:01:47	278	141	00:13:46	97	327	41
23:05	03m29.2s	50	21:46:39	279	128	62	23:03:15	98	322	23:06:44	278	143	00:17:17	96	327	38
23:10	03m22.3s	47	21:52:51	279	133	59	23:08:19	97	324	23:11:41	277	145	00:20:41	96	327	35
23:15	03m14.7s	44	21:59:17	278	137	57	23:13:22	96	326	23:16:37	276	146	00:24:00	95	327	31
23:20	03m06.4s	41	22:05:56	277	141	54	23:18:27	96	327	23:21:33	276	147	00:27:12	95	328	28
23:25	02m57.3s	37	22:12:51	276	145	50	23:23:31	95	328	23:26:28	275	148	00:30:15	94	328	24
23:30	02m47.1s	32	22:20:04	275	147	46	23:28:36	94	329	23:31:23	274	149	00:33:09	94	328	20
23:35	02m35.6s	27	22:27:40	275	150	40	23:33:42	94	330	23:36:18	274	150	00:35:49	93	328	15
23:40	02m22.0s	21	22:35:50	274	152	34	23:38:49	93	330	23:41:11	273	150	00:38:06	93	328	10
23:45	02m03.5s	12	22:45:14	273	154	24	23:43:58	93	331	23:46:02	273	151	00:39:30	92	327	2
23:47	01m41.9s	1	22:52:55	272	155	11	23:46:35	92	331	23:48:17	272	151	-	-	-	-