

ANNULAR SOLAR ECLIPSE OF 2012 MAY 20

TABLE 5

LOCAL CIRCUMSTANCES ON THE CENTRAL LINE ANNULAR SOLAR ECLIPSE OF 2012 MAY 20

ΔT = 66.7 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
22:09	04m22.7s	1	-	-	-	-	22:06:50	255	323	22:11:13	75	143	23:13:56	74	147	14
22:10	04m29.4s	7	-	-	-	-	22:07:45	255	322	22:12:15	75	142	23:18:48	74	145	22
22:15	04m40.6s	17	21:09:22	255	316	3	22:12:40	254	320	22:17:20	74	140	23:30:14	73	142	33
22:20	04m48.1s	23	21:11:19	254	315	9	22:17:36	253	318	22:22:24	73	138	23:39:25	73	140	40
22:25	04m54.4s	28	21:13:45	254	314	13	22:22:33	253	316	22:27:27	73	137	23:47:51	73	137	45
22:30	05m00.0s	32	21:16:26	254	313	17	22:27:30	253	315	22:32:30	73	135	23:55:48	73	134	50
22:35	05m05.1s	35	21:19:19	254	312	20	22:32:28	253	313	22:37:33	73	133	00:03:24	73	130	53
22:40	05m09.9s	39	21:22:19	254	311	23	22:37:25	253	311	22:42:35	73	131	00:10:42	73	126	56
22:45	05m14.3s	41	21:25:26	254	310	26	22:42:23	253	310	22:47:37	73	130	00:17:45	74	122	59
22:50	05m18.5s	44	21:28:39	254	309	29	22:47:21	254	308	22:52:39	74	128	00:24:33	74	117	61
22:55	05m22.4s	47	21:31:56	254	308	31	22:52:19	254	306	22:57:41	74	125	00:31:07	75	111	63
23:00	05m26.0s	49	21:35:19	254	307	33	22:57:17	254	303	23:02:43	74	123	00:37:28	75	106	64
23:05	05m29.3s	51	21:38:45	254	306	36	23:02:15	254	301	23:07:45	75	120	00:43:36	76	100	65
23:10	05m32.4s	53	21:42:17	254	304	38	23:07:14	255	298	23:12:46	75	118	00:49:32	76	93	65
23:15	05m35.2s	54	21:45:52	255	303	40	23:12:13	255	296	23:17:48	75	115	00:55:15	77	87	65
23:20	05m37.7s	56	21:49:32	255	302	42	23:17:11	256	292	23:22:49	76	111	01:00:47	77	82	65
23:25	05m39.9s	57	21:53:17	255	300	44	23:22:10	256	289	23:27:50	76	108	01:06:07	78	77	64
23:30	05m41.8s	58	21:57:06	256	299	46	23:27:09	257	286	23:32:51	77	104	01:11:17	79	72	63
23:35	05m43.4s	59	22:01:00	256	297	47	23:32:08	257	282	23:37:52	77	100	01:16:16	79	68	62
23:40	05m44.6s	60	22:05:00	257	295	49	23:37:08	258	278	23:42:52	78	96	01:21:05	80	64	61
23:45	05m45.5s	61	22:09:06	257	293	51	23:42:07	259	274	23:47:53	79	92	01:25:45	81	61	59
23:50	05m46.1s	61	22:13:18	258	291	52	23:47:07	259	269	23:52:53	79	87	01:30:15	81	58	58
23:55	05m46.4s	61	22:17:36	258	289	54	23:52:07	260	265	23:57:53	80	83	01:34:38	82	56	56
00:00	05m46.3s	61	22:22:02	259	286	55	23:57:07	260	261	00:02:53	81	79	01:38:52	83	54	54
00:05	05m45.8s	60	22:26:35	259	283	56	00:02:07	261	256	00:07:53	81	75	01:42:59	83	52	53
00:10	05m44.9s	59	22:31:16	260	280	57	00:07:08	262	252	00:12:52	82	71	01:46:59	84	51	51
00:15	05m43.8s	59	22:36:05	260	276	58	00:12:08	263	248	00:17:52	83	67	01:50:52	85	50	49
00:20	05m42.2s	57	22:41:04	261	272	59	00:17:09	263	245	00:22:51	83	64	01:54:39	85	49	47
00:25	05m40.3s	56	22:46:13	262	268	60	00:22:10	264	242	00:27:50	84	60	01:58:20	86	48	45
00:30	05m38.0s	55	22:51:32	262	264	60	00:27:11	265	239	00:32:49	85	57	02:01:55	86	47	43
00:35	05m35.4s	53	22:57:03	263	259	60	00:32:12	265	236	00:37:48	85	55	02:05:24	87	46	40
00:40	05m32.5s	51	23:02:45	264	254	60	00:37:14	266	233	00:42:46	86	52	02:08:49	88	46	38
00:45	05m29.2s	49	23:08:40	265	249	59	00:42:15	267	231	00:47:45	87	50	02:12:08	88	45	36
00:50	05m25.6s	47	23:14:48	265	244	58	00:47:17	267	229	00:52:43	87	48	02:15:22	89	45	33
00:55	05m21.6s	44	23:21:09	266	240	57	00:52:19	268	227	00:57:41	88	47	02:18:31	89	44	31
01:00	05m17.3s	42	23:27:46	267	235	55	00:57:21	269	225	01:02:39	89	45	02:21:34	90	44	28
01:05	05m12.6s	39	23:34:38	268	231	53	01:02:24	269	224	01:07:36	89	44	02:24:32	90	43	25
01:10	05m07.6s	36	23:41:48	269	228	50	01:07:26	270	223	01:12:34	90	43	02:27:22	90	43	22
01:15	05m02.1s	32	23:49:16	269	224	47	01:12:29	270	221	01:17:31	90	41	02:30:04	91	43	19
01:20	04m56.1s	28	23:57:07	270	222	43	01:17:32	271	220	01:22:28	91	40	02:32:35	91	43	15
01:25	04m49.3s	24	00:05:27	271	219	38	01:22:35	271	219	01:27:25	91	39	02:34:50	91	42	11
01:30	04m41.4s	18	00:14:33	271	216	32	01:27:39	272	218	01:32:21	92	39	02:36:36	92	42	6
01:35	04m30.1s	8	00:25:35	272	214	22	01:32:45	272	217	01:37:15	92	38	-	-	-	-
01:36	04m21.4s	1	00:31:53	272	213	13	01:34:17	272	217	01:38:38	92	37	-	-	-	-