

Occultations table

Observation point: VladimirNebotov
EMail: nebotov@ukr.net
Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')
Maximal Distance = 250.0
Maximal Mv = 14.00
Minimal Duration = 0.5s
Maximal Sun Elevation = 0.0
Minimal drop: 0.5
Minimal probability: 0.0
Minimal probability in nearest point: 0.5
Minimal star elevation: 0.0
Program: LinOccult 2.1.1
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 94

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 1		LinOccult 2.1.1				
		Asteroid			Nearest point			Star			Sun			Moon						
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2013/04/01 01:46:47	66130 1998 SM117	6.9	18.32	6.60	197	0.7	33°37'05" 49°37'10"	256	0.8 1.4	TYC 786702055	11.72	16 ^h 48 ^m 14.598 ^s −38°07'28.780"	1.9	180	114.8	-13.9	18.1	20.0	73.5	198
2013/04/01 16:56:58	758 Mancunia	85.5	13.63	0.67	12	5.8	36°14'25" 49°56'38"	196	18.5 18.5	UCAC2 40504611	13.79	7 ^h 12 ^m 52.214 ^s 24°31'54.602"	62.9	205	94.6	-8.9	155.2	-47.3	66.9	183
2013/04/01 23:19:45	9506 Telra-mund	8.3	18.09	6.25	207	2.0	34°01'49" 48°54'04"	232	1.0 1.8	UCAC2 18706482	11.84	16 ^h 51 ^m 24.700 ^s −31°14'22.398"	2.7	150	116.6	-31.0	16.4	7.7	63.8	188
2013/04/02 17:45:03	2039 Payne-Gaposchkin	27.5	18.05	4.41	108	1.1	35°41'26" 49°09'25"	203	4.6 5.2	UCAC2 40151251	13.66	5 ^h 47 ^m 40.384 ^s 23°53'32.003"	45.5	252	74.2	-15.7	169.2	-47.9	55.3	211
2013/04/02 21:00:30	1665 Gaby	14.1	16.07	2.66	242	2.7	35°07'05" 48°01'01"	200	0.7 4.5	UCAC2 29112617	13.50	15 ^h 48 ^m 33.870 ^s −7°30'33.658"	15.8	123	135.1	-34.4	42.5	-18.7	53.9	125
2013/04/03 19:59:45	7302 1993 CQ	11.5	17.57	6.58	79	1.3	36°24'35" 50°45'10"	6	2.3 2.5	TYC 502400318	10.99	15 ^h 31 ^m 40.502 ^s −5°27'34.423"	11.8	114	140.2	-30.7	60.1	-35.1	42.9	183
2013/04/05 16:21:14	88069 2000 VY50	5.5	19.83	9.86	23	0.6	36°36'17" 50°04'04"	84	0.8 0.8	TYC 485600638	9.97	8 ^h 21 ^m 00.890 ^s −5°31'18.816"	34.0	169	111.1	-2.3	159.1	-46.2	23.6	270
2013/04/05 16:28:43	2152 Hannibal	46.9	16.34	5.21	190	2.7	36°12'52" 48°20'14"	182	5.9 9.2	TYC 75200639	11.13	6 ^h 58 ^m 38.750 ^s 10°44'29.830"	49.5	200	88.9	-3.5	146.3	-46.8	23.5	202
2013/04/05 18:29:36	28381 1999 JQ39	10.5	17.89	4.18	215	0.7	34°04'16" 48°45'57"	228	1.2 1.9	UCAC2 43781913	13.73	7 ^h 26 ^m 55.516 ^s 34°14'09.217"	59.4	253	92.2	-20.8	144.5	-49.7	22.7	214
2013/04/05 21:08:00	154 Bertha	184.9	13.67	2.37	132	7.2	38°01'43" 50°27'13"	70	26.6 31.0	TYC 291400313	11.42	5 ^h 30 ^m 05.600 ^s 41°13'25.030"	22.3	308	69.2	-33.5	119.5	-34.7	21.7	232
2013/04/05 23:02:53	8109 1995 DU1	5.5	17.37	5.50	80	0.8	35°32'00" 49°31'10"	222	1.5 2.0	TYC 151100930	11.88	16 ^h 07 ^m 47.958 ^s 18°56'05.946"	53.0	138	127.1	-30.8	84.2	-17.5	21.0	112
2013/04/06 16:44:54	622 Esther	30.2	14.33	3.99	205	2.3	36°48'41" 51°51'39"	11	2.8 9.0	TYC 29500990	10.36	12 ^h 37 ^m 15.740 ^s 6°34'30.340"	20.0	104	165.4	-5.8	143.0	-39.7	14.8	134
2013/04/06 17:13:28	4679 Sybil	13.2	17.50	4.29	124	0.8	37°00'15" 49°02'15"	155	1.9 2.2	UCAC2 34447459	13.23	7 ^h 22 ^m 26.108 ^s 7°46'42.172"	45.0	207	94.1	-10.1	138.5	-42.2	14.7	242
2013/04/07 01:32:19	3577 Putilin	27.5	17.07	3.69	247	3.9	36°41'28" 52°15'07"	7	2.7 4.2	UCAC2 22025792	13.42	16 ^h 06 ^m 54.236 ^s −24°10'04.610"	15.0	192	132.8	-13.9	92.8	1.8	12.1	262
2013/04/07 19:36:22	2986 Mri-nalini	20.5	18.17	7.66	45	0.8	36°45'41" 50°19'02"	48	3.3 3.4	TYC 186702626	10.51	5 ^h 58 ^m 33.310 ^s 25°25'01.001"	27.4	278	71.7	-27.4	102.5	-41.1	7.3	243
2013/04/08 16:13:39	17817 1998 FU116	10.5	18.00	5.72	87	1.2	35°48'45" 50°45'60"	337	1.8 2.0	TYC 79500301	12.28	8 ^h 20 ^m 16.797 ^s 8°27'22.322"	48.1	168	106.2	-0.4	127.1	-16.4	3.3	210
2013/04/08 16:23:22	2039 Payne-Gaposchkin	27.5	18.09	4.98	147	1.0	35°45'26" 48°46'36"	195	4.0 5.1	UCAC2 40153217	13.12	5 ^h 55 ^m 16.823 ^s 23°57'33.281"	55.0	233	70.1	-1.9	90.5	-17.7	3.3	217
2013/04/08 17:49:10	23186 2000 PO8	17.4	16.57	4.17	248	1.4	36°25'19" 52°16'18"	2	1.7 3.0	UCAC2 35403226	12.43	13 ^h 27 ^m 31.203 ^s 10°13'32.815"	26.2	106	161.8	-14.6	152.4	-28.1	3.1	229
2013/04/08 17:49:47	1236 Thais	22.3	16.17	4.98	8	1.5	36°12'33" 50°00'03"	227	6.4 6.4	TYC 30400461	11.20	13 ^h 01 ^m 24.788 ^s 5°43'05.875"	26.7	115	166.7	-14.7	160.2	-28.2	3.1	138
2013/04/08 22:45:05	25735 2000 AS195	6.9	17.44	4.69	112	0.6	34°53'49" 49°35'39"	243	1.3 1.7	TYC 552100579	12.76	12 ^h 03 ^m 17.545 ^s −11°06'17.741"	22.1	216	163.0	-30.7	172.9	-28.3	2.4	161

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		LinOccult 2.1.1			
		Asteroid			Nearest point			Star			Sun			Moon						
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2013/04/09 01:14:38	6371 Heinlein	14.5	17.79	5.18	69	0.8	36°31'08'' 50°38'46''	14	2.0	UCAC2 26997635	12.62	19 ^h 44 ^m 17.354 ^s −13°35'48.443''	15.8	136	83.7	−15.6	67.4	−8.6	2.0	286
2013/04/09 01:51:09	42453 4055 T-3	5.2	19.16	7.51	70	1.2	37°16'07'' 50°04'32''	87	1.0	UCAC2 20668820	11.65	17 ^h 00 ^m 59.721 ^s −27°04'18.895''	12.8	186	122.2	−10.5	107.1	−3.0	1.9	196
2013/04/09 16:31:43	308 Polyxo	140.7	13.78	0.65	178	5.2	35°49'59'' 48°28'46''	191	18.6	UCAC2 38756516	13.99	5 ^h 52 ^m 12.724 ^s 19°30'56.015''	49.3	234	68.4	−3.0	77.0	−8.8	0.6	208
2013/04/09 17:43:45	829 Academia	43.8	16.19	5.58	12	1.5	36°20'13'' 50°09'11''	17	9.5	UCAC2 42381695	10.61	5 ^h 53 ^m 37.332 ^s 30°14'51.258''	46.8	263	68.9	−13.6	76.3	−18.3	0.5	183
2013/04/09 18:37:41	2514 Taiyuan	24.5	18.11	4.21	194	0.9	34°46'10'' 48°36'34''	214	3.0	UCAC2 40659088	13.92	6 ^h 10 ^m 14.980 ^s 25°27'04.813''	37.5	266	72.4	−20.6	79.7	−24.3	0.5	203
2013/04/09 19:32:02	4167 Riemann	14.5	17.17	3.89	183	0.8	36°10'25'' 48°24'20''	183	1.9	UCAC2 36627285	13.31	7 ^h 06 ^m 47.664 ^s 13°49'42.578''	29.3	256	86.5	−26.4	93.8	−28.8	0.4	215
2013/04/09 19:49:20	178 Belisana	35.8	14.83	2.42	189	0.9	33°38'45'' 50°09'57''	274	4.5	UCAC2 39091514	12.53	3 ^h 54 ^m 00.791 ^s 20°55'22.457''	2.0	301	40.9	−27.9	47.7	−29.9	0.4	220
2013/04/10 02:20:14	10645 Brac	11.5	17.58	4.19	223	1.7	33°19'34'' 50°43'36''	290	1.2	UCAC2 15574629	13.42	17 ^h 18 ^m 20.381 ^s −38°05'11.774''	1.5	188	117.6	−5.8	115.0	−2.3	0.1	186
2013/04/10 17:37:18	487 Venetia	63.1	13.49	0.57	265	1.8	37°09'21'' 52°21'45''	14	5.3	UCAC2 38745633	13.90	4 ^h 58 ^m 11.503 ^s 19°34'45.059''	30.8	264	54.7	−12.5	51.0	−8.1	0.1	203
2013/04/10 19:39:11	1227 Gernium	41.8	17.26	4.10	193	1.1	38°08'22'' 51°19'30''	43	4.3	UCAC2 43224289	13.19	3 ^h 40 ^m 44.882 ^s 32°49'05.167''	10.7	309	41.4	−26.7	36.2	−22.0	0.2	321
2013/04/10 22:34:12	21555 Levary	10.5	17.00	3.72	105	0.7	37°40'02'' 50°22'22''	70	1.9	UCAC2 27487232	13.32	13 ^h 09 ^m 35.142 ^s −12°25'31.925''	26.0	198	175.3	−30.5	172.9	−27.4	0.3	182
2013/04/11 00:00:08	8921 VH30	6.0	16.48	4.90	164	0.6	36°40'07'' 51°29'51''	10	0.7	TYC 29400580	11.59	12 ^h 59 ^m 19.183 ^s 2°51'57.747''	31.7	230	168.0	−23.9	161.5	−22.4	0.4	113
2013/04/11 18:33:17	2414 Vibeke	31.8	17.23	3.45	16	1.0	36°07'29'' 50°08'53''	314	5.2	UCAC2 44970268	13.82	5 ^h 12 ^m 21.598 ^s 37°33'58.627''	35.8	288	59.6	−19.5	44.3	−6.5	1.9	244
2013/04/11 19:10:37	1076 Viola	22.6	16.92	5.19	53	0.8	36°40'33'' 50°27'23''	31	5.4	UCAC2 39639057	11.74	6 ^h 15 ^m 10.098 ^s 22°05'48.859''	29.3	270	71.6	−23.7	55.6	−11.1	2.0	159
2013/04/11 21:24:52	15166 GX90	10.0	16.66	4.86	24	0.7	36°02'48'' 49°53'50''	226	2.7	UCAC2 32209172	11.81	13 ^h 48 ^m 57.356 ^s 1°15'27.111''	40.7	167	168.0	−31.5	161.2	−22.9	2.2	143
2013/04/11 22:15:57	2489 Suvorov	12.6	16.88	3.30	218	2.3	38°37'48'' 51°19'40''	50	1.2	UCAC2 22283751	13.63	17 ^h 34 ^m 57.432 ^s −23°40'13.972''	2.6	133	117.7	−30.9	135.4	−24.6	2.4	156
2013/04/11 22:27:12	1857 Par-chomenko	11.5	16.49	2.80	68	1.1	35°52'05'' 49°29'51''	206	3.0	UCAC2 36292251	13.78	8 ^h 37 ^m 29.976 ^s 12°45'39.417''	13.6	274	106.4	−30.5	88.9	−24.7	2.4	133
2013/04/12 17:50:02	981 Martina	28.9	16.29	3.67	207	2.7	37°06'07'' 51°49'57''	16	3.4	UCAC2 34111443	12.66	11 ^h 16 ^m 36.189 ^s 6°53'49.483''	42.5	147	144.5	−13.7	117.8	8.4	5.4	208
2013/04/12 18:01:45	3870 Mayre	15.1	17.31	4.24	195	0.8	36°10'10'' 51°48'00''	358	1.9	UCAC2 35373533	13.09	7 ^h 07 ^m 09.448 ^s 10°12'29.275''	37.9	235	84.2	−15.3	58.0	6.7	5.4	211
2013/04/12 18:45:39	2986 Mri-nalini	20.5	18.21	5.77	174	0.8	37°36'10'' 51°22'27''	32	2.6	UCAC2 40656911	12.45	6 ^h 03 ^m 54.908 ^s 25°23'43.683''	33.2	271	68.1	−20.7	40.9	0.4	5.5	248

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		Asteroid			Nearest point			Star			Sun			Moon						
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2013/04/12 18:45:39	2986 Mri-nalini	20.5	18.21	5.77	174	0.8	37°36'10" 51°22'27"	32	2.6 3.3	UCAC2 40656911	12.45	6 ^h 03 ^m 54.908 ^s 25°23'43.683"	33.2	271	68.1	-20.7	40.9	0.4	5.5	248
2013/04/12 19:06:49	42229 DC99	9.1	17.56	8.62	231	0.6	38°05'49" 51°46'36"	34	0.6 2.8	HIP 64697	8.94	13 ^h 15 ^m 36.685 ^s 3°32'50.324"	35.2	136	167.4	-23.0	144.6	-2.4	5.6	131
2013/04/12 20:25:33	48237 MJ5	5.8	19.94	8.78	166	0.5	37°10'48" 51°25'39"	23	0.7 0.9	TYC 503400462	11.16	16 ^h 20 ^m 14.167 ^s -1°31'20.916"	16.9	114	135.7	-29.3	157.1	-11.9	5.8	257
2013/04/12 23:52:48	33798 TO95	5.8	18.65	7.18	213	1.3	33°25'56" 49°32'15"	254	0.7 1.0	TYC 681904997	11.47	17 ^h 09 ^m 25.915 ^s -26°45'25.958"	11.0	161	124.3	-23.9	153.7	-22.1	6.6	226
2013/04/13 19:08:45	8645 1988 TN	6.6	17.11	5.37	171	0.7	37°06'55" 51°29'14"	20	0.8 2.1	TYC 494000114	11.75	12 ^h 16 ^m 45.256 ^s -1°41'45.980"	36.0	157	160.7	-22.9	122.3	5.3	10.9	126
2013/04/14 02:08:19	28510 CC95	6.6	17.52	6.05	79	0.8	35°11'37" 50°10'22"	280	1.6 1.8	UCAC2 31351845	11.48	16 ^h 37 ^m 28.583 ^s -1°20'31.455"	35.6	207	132.5	-6.3	161.1	-16.7	12.7	145
2013/04/14 20:55:24	4767 Sutoku	10.0	17.40	3.61	119	0.8	36°28'45" 48°59'19"	173	1.9 2.4	UCAC2 34459337	13.83	8 ^h 27 ^m 24.255 ^s 7°41'49.111"	21.0	257	102.2	-29.9	52.5	-1.9	18.1	168
2013/04/14 21:49:56	964 Subamara	24.0	16.43	8.09	220	0.7	38°52'44" 51°09'00"	56	1.3 8.4	HIP 24755	8.34	5 ^h 18 ^m 28.676 ^s 30°22'39.143"	2.9	317	56.4	-30.4	11.3	-8.4	18.4	114
2013/04/15 00:57:38	37113 UK104	5.5	16.79	6.36	57	0.5	36°33'14" 49°34'05"	160	1.8 2.0	TYC 611601266	10.43	13 ^h 11 ^m 31.837 ^s -19°19'56.392"	4.9	232	169.0	-15.8	125.4	-20.0	19.4	109
2013/04/15 01:43:04	3581 Alvarez	12.6	15.88	5.53	27	0.5	35°54'28" 50°05'06"	279	4.0 4.1	UCAC2 31729633	10.35	18 ^h 51 ^m 25.768 ^s 0° - 2°43.917"	37.9	158	100.2	-9.6	147.4	-19.5	19.6	123
2013/04/15 19:38:55	270 Anahita	50.8	12.59	1.54	170	7.6	37°57'57" 51°08'32"	45	5.6 18.3	UCAC2 32371076	11.35	11 ^h 07 ^m 57.529 ^s 1°48'36.094"	41.5	191	141.4	-25.1	80.9	15.7	25.5	110
2013/04/15 20:21:04	2871 Schober	19.6	17.57	3.97	227	0.7	38°40'42" 51°24'40"	48	2.1 3.7	UCAC2 41859845	13.63	6 ^h 09 ^m 59.190 ^s 28°42'13.343"	19.7	292	66.5	-28.1	10.4	9.4	25.7	211
2013/04/15 21:25:19	1031 Arctica	75.5	14.87	1.44	179	5.4	37°01'41" 48°30'58"	163	10.2 16.9	UCAC2 31676114	13.77	8 ^h 19 ^m 13.259 ^s 0° - 7°48.797"	8.2	260	100.7	-30.1	42.2	0.4	26.1	177
2013/04/15 21:29:05	13348 SF138	10.0	16.45	5.84	74	0.9	36°51'26" 50°36'04"	34	2.3 2.6	TYC 555601671	10.61	13 ^h 55 ^m 33.220 ^s -11°42'19.872"	28.2	173	174.9	-30.1	123.8	-0.1	26.1	155
2013/04/15 22:45:20	2414 Vibeke	31.8	17.25	4.58	51	0.9	35°35'22" 50°09'22"	284	5.0 5.1	UCAC2 44803728	12.68	5 ^h 19 ^m 28.623 ^s 37°25'56.234"	3.6	331	57.0	-28.1	18.8	-9.3	26.6	248
2013/04/16 20:08:33	4457 Gogh	13.8	16.51	3.03	248	0.8	36°02'48" 47°49'32"	184	1.2 3.1	UCAC2 35203035	13.55	7 ^h 55 ^m 46.100 ^s 9°55'58.047"	23.9	257	92.2	-27.0	21.5	17.8	34.3	179
2013/04/16 23:31:28	66125 SA112	6.3	19.22	7.91	249	0.9	38°52'49" 51°34'10"	48	0.6 1.2	UCAC2 26696764	11.32	16 ^h 34 ^m 03.538 ^s -14°08'12.718"	24.8	165	137.4	-24.5	149.0	-10.1	35.6	209
2013/04/17 00:56:42	1020 Arcadia	12.6	15.79	5.77	73	1.2	35°33'10" 49°35'52"	226	3.1 3.5	HIP 71375	10.02	14 ^h 35 ^m 46.813 ^s -11°24'12.388"	20.7	219	166.3	-15.3	119.6	-17.8	36.1	142
2013/04/17 20:56:03	2862 Vavilov	10.0	15.62	1.88	208	2.2	34°30'37" 48°34'34"	218	0.3 4.4	UCAC2 23648143	13.95	16 ^h 07 ^m 47.281 ^s -20°43'25.094"	8.7	138	143.9	-28.9	133.3	16.3	43.8	91
2013/04/18 00:01:50	1724 Vladimir	34.8	15.82	4.27	203	4.5	38°47'56" 50°55'57"	61	3.4 10.0	UCAC2 30036933	11.57	16 ^h 31 ^m 20.439 ^s -5°16'00.036"	34.7	174	138.2	-21.3	134.2	-10.0	45.1	138

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		LinOccult 2.1.1			
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Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2013/04/18 00:59:35	47118 1999 CP72	5.2	18.05	6.98	47	0.6	36°53'39" 49°52'53"	113	1.5 1.6	TYC 567901265	11.07	18 ^h 01 ^m 09.547 ^s −10°44'35.675"	28.3	166	117.0	-14.6	156.6	-16.1	45.5	128
2013/04/18 16:38:19	20707 1999 WW4	11.5	16.91	3.84	72	0.9	36°28'16" 49°24'33"	169	2.4 2.6	UCAC2 33404614	13.10	14 ^h 01 ^m 23.228 ^s 4°49'34.388"	11.7	97	163.7	-1.8	87.6	54.1	51.7	177
2013/04/18 18:26:47	87 Sylvia	260.9	13.58	1.71	191	9.1	35°02'59" 48°32'11"	208	29.3 36.7	UCAC2 41856326	12.12	5 ^h 59 ^m 04.597 ^s 28°30'44.242"	33.9	275	61.2	-16.8	33.2	43.7	52.5	273
2013/04/18 18:31:03	22214 4326 T-1	6.3	18.16	6.34	201	0.5	37°28'22" 51°41'39"	25	0.7 1.5	UCAC2 30380496	11.82	14 ^h 47 ^m 31.458 ^s −4°07'35.755"	15.0	116	163.4	-17.3	100.1	43.1	52.5	164
2013/04/18 18:54:18	19261 1995 MB	10.5	17.04	4.73	86	1.4	37°21'13" 49°41'35"	117	2.2 2.6	UCAC2 24337216	12.33	9 ^h 17 ^m 21.333 ^s −19°29'46.715"	16.4	207	114.9	-19.9	38.1	40.0	52.6	162
2013/04/19 19:45:06	1397 Umtata	16.8	17.82	4.19	144	0.6	37°42'10" 50°58'45"	44	2.0 2.3	UCAC2 40480313	13.66	5 ^h 43 ^m 07.779 ^s 24°35'57.157"	15.6	290	56.5	-24.3	48.6	36.6	62.7	293
2013/04/19 20:10:10	9303 1986 QH3	5.5	18.09	6.57	173	0.6	37°32'29" 51°22'60"	31	0.7 1.6	UCAC2 27858022	11.53	15 ^h 53 ^m 14.988 ^s −11°10'31.351"	14.2	128	150.0	-26.1	104.7	33.0	62.8	137
2013/04/19 20:48:21	644 Cosima	19.9	16.47	3.80	35	0.6	36°20'60" 50°21'20"	8	3.8 3.9	UCAC2 39988240	12.70	6 ^h 08 ^m 03.300 ^s 23°27'38.720"	9.1	296	62.1	-28.0	43.3	27.4	63.1	204
2013/04/20 18:47:56	1685 Toro	12.2	16.26	5.90	136	1.2	34°37'50" 49°27'18"	241	0.9 7.4	TYC 609600676	10.37	11 ^h 46 ^m 23.518 ^s −18°51'14.649"	20.7	171	148.4	-18.6	39.7	44.6	71.7	66
2013/04/21 17:19:40	2761 Eddington	32.3	17.34	3.71	73	1.1	36°44'53" 50°37'59"	27	5.7 6.0	UCAC2 41005423	13.66	6 ^h 44 ^m 39.126 ^s 26°00'05.096"	48.2	252	68.5	-7.1	59.0	42.8	80.0	213
2013/04/21 21:25:33	3445 Pinson	17.8	17.98	4.16	65	0.5	37°11'28" 49°58'07"	98	3.1 3.2	UCAC2 42550824	13.85	5 ^h 35 ^m 05.515 ^s 30°44'50.732"	4.7	314	53.2	-28.0	77.0	28.5	81.5	219
2013/04/22 17:29:54	1119 Euboea	31.5	17.16	3.73	143	1.0	35°27'05" 48°52'47"	205	4.4 5.2	UCAC2 41855627	13.47	5 ^h 56 ^m 53.305 ^s 28°34'32.323"	40.2	268	56.9	-8.3	83.0	36.2	87.9	241
2013/04/23 00:06:37	20735 1999 XU169	9.5	18.32	11.04	59	0.8	36°35'60" 50°32'24"	22	2.4 2.7	HIP 60960	7.28	12 ^h 29 ^m 46.779 ^s 14°39'00.789"	29.3	257	144.4	-19.1	21.1	8.2	89.8	143
2013/04/23 01:51:07	559 Nanon	79.8	14.21	1.16	141	6.3	36°32'45" 51°18'26"	8	13.6 20.6	UCAC2 25428568	13.51	19 ^h 35 ^m 38.069 ^s −17°24'20.834"	20.7	161	100.1	-6.0	116.3	-8.3	90.3	153
2013/04/23 17:16:30	1336 Zee-landia	21.0	16.59	3.66	244	0.7	34°54'13" 48°02'51"	204	2.1 3.5	UCAC2 40325465	12.97	6 ^h 19 ^m 31.556 ^s 24°03'19.514"	42.2	257	60.9	-6.2	91.1	26.5	94.1	238
2013/04/23 18:57:53	16784 1996 YD2	10.0	17.95	5.70	144	0.5	34°34'47" 49°22'43"	239	1.5 1.9	TYC 194000711	12.25	8 ^h 17 ^m 42.375 ^s 28°35'26.004"	48.0	258	86.6	-18.9	67.2	33.5	94.4	215
2013/04/23 23:03:07	40940 1999 T7209	7.9	18.00	8.02	218	0.8	38°37'46" 48°49'06"	129	0.9 1.7	TYC 732800910	9.98	15 ^h 52 ^m 20.608 ^s −30°58'21.704"	9.0	177	149.5	-24.3	53.8	20.3	95.3	184
2013/04/24 18:42:22	18001 1999 JY83	6.6	17.57	5.62	162	0.8	37°33'07" 51°15'27"	34	1.0 1.9	UCAC2 28746383	11.96	16 ^h 14 ^m 46.787 ^s −8°44'04.806"	3.5	108	148.9	-16.9	45.2	25.2	98.4	139
2013/04/24 19:23:24	3471 Amelin	29.6	17.37	4.49	227	0.7	33°22'18" 49°16'57"	248	3.0 4.2	UCAC2 43577151	12.90	4 ^h 22 ^m 56.916 ^s 33°36'45.466"	11.7	309	36.7	-21.0	130.8	27.8	98.5	283
2013/04/24 19:57:57	12193 1979 EL	13.2	17.04	5.08	90	1.1	37°28'21" 50°20'02"	69	2.4 2.6	TYC 249400737	11.97	9 ^h 30 ^m 57.827 ^s 31°20'48.815"	51.3	259	99.9	-23.8	67.9	29.2	98.6	201

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 5		LinOccult 2.1.1			
		Asteroid			Nearest point			Star			Sun		Moon								
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}	
2013/04/24 21:06:36	1556 Wingolfia	28.6	16.11	2.37	57	1.9	36°24'25'' 50°33'27''	9	5.2	UCAC2 34660851	13.87	14 ^h 02 ^m 13.049 ^s 8°02'13.606''	48.0	173	158.8	-26.8	21.7	29.3	98.7	209	
2013/04/25 21:29:56	2390 Nezarka	22.7	15.91	2.63	243	2.0	33°51'20'' 48°33'06''	226	1.4	UCAC2 21777300	13.38	13 ^h 20 ^m 25.015 ^s -24°30'08.158''	14.7	192	163.2	-26.7	16.3	25.6	100.0	136	
2013/04/26 02:19:57	2421 Nininger	38.9	16.61	6.29	249	1.4	34°50'03'' 48°01'33''	205	3.8	TYC 638001565	10.32	22 ^h 03 ^m 13.386 ^s -19°51'30.604''	9.6	137	70.1	-0.9	106.2	1.4	99.9	242	
2013/04/26 18:59:55	1690 Mayrhofer	31.7	17.01	4.36	136	1.2	36°39'47'' 51°14'60''	11	4.4	UCAC2 35374084	12.67	7 ^h 08 ^m 24.678 ^s 10°28'28.300''	21.4	261	71.1	-18.2	121.7	9.1	98.7	249	
2013/04/27 01:36:30	116154 2003 WA168	6.3	18.50	6.88	123	0.6	36°05'10'' 51°08'56''	353	1.0	TYC 561100840	11.63	15 ^h 58 ^m 02.941 ^s -9°02'16.118''	23.2	219	155.0	-6.9	11.9	11.7	97.8	204	
2013/04/27 18:23:23	5183 Robyn	12.0	17.72	6.50	147	0.5	36°54'57'' 51°18'20''	18	1.5	TYC 77100532	11.22	7 ^h 20 ^m 39.262 ^s 11°37'26.020''	29.4	252	72.9	-13.9	133.4	-5.1	94.7	266	
2013/04/27 22:33:19	6410 Fujiwara	10.0	17.95	5.72	170	1.6	36°27'29'' 51°34'15''	4	1.4	UCAC2 37185487	12.23	11 ^h 30 ^m 32.888 ^s 15°00'44.760''	31.9	255	128.8	-24.7	79.3	19.4	93.7	188	
2013/04/29 16:56:56	154 Bertha	184.9	13.74	0.71	277	5.5	38°56'39'' 51°53'05''	43	16.1	UCAC2 45805639	13.83	6 ^h 05 ^m 14.910 ^s 40°27'35.133''	49.8	279	53.7	-2.0	159.0	-36.9	79.9	250	
2013/04/29 19:36:19	3219 Komaki	15.8	17.67	3.75	95	0.5	37°04'57'' 50°44'18''	37	2.3	UCAC2 39825783	13.96	6 ^h 38 ^m 04.715 ^s 22°32'04.528''	17.9	284	59.3	-20.7	174.3	-12.4	78.9	253	
2013/04/29 20:09:39	30366 2000 JC57	8.3	15.81	5.05	113	0.8	34°55'39'' 49°32'06''	240	1.7	TYC 615700740	10.77	14 ^h 35 ^m 48.141 ^s -18°29'40.289''	18.8	158	175.7	-23.0	52.5	-7.5	78.7	132	
2013/04/29 23:11:41	2326 Tololo	40.9	16.53	3.69	187	2.4	36°47'56'' 48°23'59''	169	5.1	UCAC2 29560902	12.88	20 ^h 41 ^m 14.730 ^s -6°36'27.911''	8.7	111	88.7	-21.8	34.9	14.5	77.4	230	
2013/04/30 17:08:41	1578 Kirk-wood	52.4	16.12	3.07	97	1.1	37°36'26'' 50°15'38''	76	6.7	UCAC2 38739641	13.11	3 ^h 48 ^m 38.813 ^s 19°55'19.168''	12.0	287	19.0	-3.4	132.0	-42.3	69.7	294	
2013/04/30 22:17:19	23864 1998 RP64	7.6	18.33	6.47	208	0.5	38°21'54'' 51°22'28''	45	0.9	TYC 36300728	11.86	15 ^h 39 ^m 50.285 ^s 6°05'54.296''	46.0	172	153.1	-24.4	60.2	3.8	67.4	198	
2013/04/30 22:40:17	12292 Dalton	7.2	17.26	5.45	165	0.7	36°50'00'' 51°29'14''	14	1.1	TYC 555500216	11.82	14 ^h 15 ^m 25.593 ^s -7°45'53.851''	29.4	205	171.7	-23.4	75.9	6.8	67.2	153	

