

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 2.2.0 BETA
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 184

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 1		LinOccult 2.2.0 BETA				
		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}
2016/01/01 02:35:46	2364 Seillier	22.3	16.68	2.87	41	2.1	35°43'22" 49°57'43"	257	4.3 4.4	UCAC2 42014143	13.89	4 ^h 12 ^m 57.635 ^s 29°05'16.422"	9.2	305	145.9	-27.1	111.0	41.2	60.6	201
2016/01/01 14:23:19	2178 Kaza-khstania	6.3	16.15	4.53	126	0.7	35°05'48" 50°53'08"	318	1.1 2.6	UCAC2 41853018	11.63	5 ^h 49 ^m 42.426 ^s 28°56'22.141"	19.0	67	166.2	-6.4	95.7	-40.0	56.1	97
2016/01/01 18:44:33	4224 Susa	34.5	15.57	1.95	157	3.0	36°12'40" 48°38'22"	182	5.3 8.9	UCAC2 32691003	13.82	7 ^h 52 ^m 49.654 ^s 2°30'50.603"	20.9	112	153.9	-47.0	67.5	-24.2	54.4	155
2016/01/01 20:19:54	8314 Tsuji	8.3	17.55	7.09	141	0.6	36°08'01" 51°18'48"	356	1.4 1.9	TYC 135500604	10.46	7 ^h 20 ^m 46.670 ^s 20°17'54.615"	53.1	133	171.5	-59.2	77.6	-10.4	53.8	175
2016/01/01 20:46:37	3457 Ar-nenordheim	13.2	16.43	2.84	162	1.2	36°08'13" 48°35'50"	184	2.0 3.3	UCAC2 39441840	13.67	5 ^h 09 ^m 33.503 ^s 21°38'10.549"	60.4	202	157.6	-61.4	108.5	-6.3	53.6	159
2016/01/01 21:59:11	11048 1990 QZ5	9.5	16.30	4.83	31	0.9	36°33'44" 50°16'06"	39	2.8 2.9	TYC 13801250	11.48	6 ^h 01 ^m 12.292 ^s 4°25'34.762"	42.4	203	158.4	-62.8	97.0	4.9	53.1	131
2016/01/01 22:31:46	24454 2000 QF198	17.4	18.23	5.61	11	1.0	36°11'52" 50°07'48"	325	2.1 2.1	UCAC2 40009337	12.62	7 ^h 24 ^m 00.654 ^s 23°09'06.740"	63.2	189	171.4	-61.1	78.3	9.9	52.9	336
2016/01/01 23:51:01	9661 Hohmann	17.4	17.16	4.37	244	1.3	38°10'02" 51°53'17"	33	1.7 2.9	UCAC2 42719853	12.81	5 ^h 16 ^m 19.404 ^s 31°26'40.017"	45.0	268	158.2	-52.6	107.3	21.1	52.3	241
2016/01/02 01:39:27	43091 1999 XL1	6.0	17.39	6.42	148	0.5	36°08'44" 51°22'30"	356	1.0 1.7	UCAC2 36284165	10.97	7 ^h 37 ^m 15.629 ^s 12°34'01.738"	36.0	244	164.2	-36.2	75.6	32.9	51.6	141
2016/01/02 04:37:31	154992 2005 CV68	10.5	19.90	6.08	220	0.6	34°39'22" 48°22'51"	212	0.8 0.9	UCAC2 37170558	13.82	7 ^h 38 ^m 44.305 ^s 15°18'57.253"	10.3	282	165.8	-8.3	76.9	35.3	50.5	483
2016/01/02 17:29:53	40120 1998 QT23	8.7	16.75	5.79	65	0.8	36°14'52" 49°27'58"	182	2.0 2.2	TYC 75100644	10.96	6 ^h 51 ^m 29.873 ^s 10°24'01.185"	25.7	105	167.5	-35.2	94.2	-40.6	45.5	156
2016/01/02 18:42:35	21560 Ana-lyons	8.3	17.90	5.98	218	0.8	37°09'16" 48°10'15"	163	0.9 1.9	TYC 249301061	11.92	9 ^h 22 ^m 58.207 ^s 31°17'20.355"	28.4	74	145.2	-46.6	64.6	-33.0	45.0	179
2016/01/02 19:06:43	131 Vala	40.4	13.42	0.63	218	3.6	36°33'35" 48°05'55"	175	2.4 13.8	UCAC2 41338025	13.68	6 ^h 02 ^m 28.133 ^s 27°21'39.357"	60.2	129	168.3	-50.1	106.9	-30.0	44.8	116
2016/01/02 19:48:03	47957 2000 QN116	15.1	19.09	6.99	186	0.9	36°10'04" 48°22'46"	183	1.4 1.5	UCAC2 37137313	12.10	5 ^h 51 ^m 30.424 ^s 15°15'08.832"	53.9	159	164.1	-55.6	110.2	-24.3	44.6	392
2016/01/03 00:01:20	27278 2000 AU61	7.6	17.36	5.75	74	0.6	35°59'42" 49°24'31"	196	1.7 1.9	UCAC2 42030090	11.62	5 ^h 51 ^m 50.431 ^s 29°16'09.569"	46.9	261	165.2	-51.2	111.6	13.6	42.9	156
2016/01/03 14:18:45	1773 Rumpel-stilz	13.8	16.89	3.63	239	1.7	33°10'52" 50°53'34"	293	1.3 3.0	UCAC2 34578164	13.30	1 ^h 48 ^m 45.078 ^s 8°09'03.343"	39.8	135	105.7	-5.5	179.0	-40.0	37.4	181
2016/01/03 15:05:34	917 Lyka	28.1	15.22	3.43	216	2.3	34°05'31" 51°24'29"	314	2.1 8.8	UCAC2 41018539	11.84	8 ^h 13 ^m 03.173 ^s 26°16'48.636"	4.0	53	161.7	-12.3	87.6	-44.6	37.2	127
2016/01/03 16:43:05	83 Beatrix	81.4	11.73	1.38	118	7.4	37°01'49" 49°06'20"	153	16.7 29.3	TYC 243700371	10.71	6 ^h 56 ^m 05.980 ^s 30°52'25.873"	32.9	80	171.9	-27.6	105.6	-48.3	36.5	108
2016/01/03 18:30:29	2500 Alascat-talo	10.0	15.49	4.14	220	0.9	35°30'31" 51°57'58"	345	0.6 3.4	UCAC2 43252258	11.37	6 ^h 15 ^m 24.520 ^s 32°35'04.425"	57.7	108	166.9	-44.6	115.0	-42.3	35.8	118
2016/01/03 18:52:36	11818 1981 EK35	5.8	18.27	6.53	174	0.6	36°52'00" 48°32'03"	166	0.8 1.3	UCAC2 39975638	11.74	5 ^h 05 ^m 59.729 ^s 23°09'55.271"	61.1	152	155.0	-47.9	131.7	-40.0	35.7	174

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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}	
2016/01/03 20:50:19	4473 Sears	9.5	18.16	7.37	212	1.1	34°53'32" 48°22'34"	208	1.1 1.9	UCAC2 38911951	10.79	1 ^h 26 ^m 58.711 ^s 20°01'14.239"	28.0	268	104.7	-61.4	166.6	-24.3	35.0	204	
2016/01/04 02:00:39	1842 Hynek	10.9	16.35	3.50	202	1.0	37°33'51" 51°40'39"	27	1.0 3.3	UCAC2 37312082	12.89	5 ^h 14 ^m 15.552 ^s 15°30'10.458"	11.2	281	154.9	-32.8	134.1	20.1	33.0	133	
2016/01/04 02:11:07	8824 Genta	6.3	16.60	6.82	17	0.7	36°23'06" 50°11'09"	25	2.1 2.2	TYC 188500680	9.78	6 ^h 09 ^m 38.007 ^s 26°20'37.917"	26.3	280	168.8	-31.2	120.7	21.2	32.9	117	
2016/01/04 04:36:32	1987 Kaplan	16.8	14.87	3.84	237	1.2	39°02'04" 51°15'51"	55	0.7 5.9	TYC 337901699	11.06	6 ^h 12 ^m 36.963 ^s 48°15'16.267"	22.8	319	153.0	-8.5	117.1	30.1	32.0	113	
2016/01/04 16:23:43	3815 Konig	23.2	15.88	2.79	31	2.0	36°09'50" 49°47'05"	197	6.6 6.7	UCAC2 34633134	13.18	7 ^h 18 ^m 13.804 ^s 8°15'52.427"	10.4	90	164.8	-24.3	110.4	-50.1	27.8	137	
2016/01/04 17:09:02	7238 Kobori	7.2	17.13	6.54	181	0.7	36°58'22" 48°29'11"	164	0.9 2.2	TYC 80801237	10.59	8 ^h 28 ^m 20.764 ^s 13°26'42.464"	10.4	81	156.8	-31.6	94.7	-51.6	27.5	131	
2016/01/04 17:46:13	27325 2000 CB36	5.2	17.29	6.95	162	0.8	35°22'08" 51°22'37"	336	0.6 1.9	TYC 139401353	10.35	8 ^h 55 ^m 43.044 ^s 15°25'46.126"	13.5	82	151.5	-37.6	88.9	-51.3	27.3	110	
2016/01/04 17:58:05	3316 Herzberg	23.5	16.76	4.57	105	2.1	36°23'38" 49°06'18"	176	3.3 3.6	UCAC2 36061040	12.21	5 ^h 15 ^m 37.990 ^s 12°12'30.926"	45.4	137	153.3	-39.4	141.6	-50.9	27.2	259	
2016/01/04 18:24:15	6174 Polybius	20.6	17.14	4.75	49	1.0	35°54'33" 50°24'38"	326	3.7 3.7	UCAC2 33504748	12.40	0 ^h 26 ^m 09.508 ^s 5°08'19.202"	29.0	240	84.4	-43.5	146.4	-49.5	27.1	219	
2016/01/04 18:51:48	15283 1991 RB8	5.5	16.26	4.79	207	1.0	36°44'59" 48°12'54"	171	0.1 2.6	UCAC2 41366281	11.48	8 ^h 57 ^m 06.637 ^s 27°29'12.311"	32.5	85	152.9	-47.7	91.7	-47.4	27.0	84	
2016/01/04 20:47:38	15688 1981 UW23	9.5	16.96	6.88	54	0.7	36°25'20" 50°31'24"	10	2.3 2.5	TYC 248201255	10.08	8 ^h 17 ^m 07.382 ^s 36°59'20.889"	63.7	107	158.0	-61.1	102.5	-33.7	26.2	154	
2016/01/05 04:16:53	32288 Terui	6.3	16.83	5.71	205	0.6	34°37'56" 48°32'59"	215	0.5 2.0	TYC 193300874	11.13	7 ^h 56 ^m 23.102 ^s 27°26'29.684"	23.4	285	166.6	-11.4	109.8	24.8	23.5	127	
2016/01/05 13:47:57	28285 1999 CP39	5.2	16.50	4.69	49	0.6	36°54'22" 49°52'14"	114	1.8 2.0	TYC 243801000	11.82	7 ^h 03 ^m 03.758 ^s 30°06'08.402"	7.1	50	172.5	-1.0	126.0	-28.7	20.4	106	
2016/01/05 21:16:09	12353 Marquez	6.6	17.75	7.88	74	0.6	36°27'46" 50°42'12"	10	1.5 1.7	TYC 136701953	9.87	7 ^h 59 ^m 31.885 ^s 18°25'05.048"	54.9	146	166.4	-62.4	116.6	-38.4	18.0	156	
2016/01/06 02:00:50	1782 Schneller	33.1	17.03	3.20	82	2.2	35°46'06" 49°23'18"	207	6.0 6.5	UCAC2 39454818	13.89	6 ^h 04 ^m 17.286 ^s 21°33'40.847"	22.4	277	165.9	-32.8	146.2	3.9	16.5	204	
2016/01/06 16:59:01	8194 Satake	7.2	16.87	5.45	59	1.0	36°49'18" 49°38'58"	139	2.1 2.3	UCAC2 43061315	11.43	4 ^h 46 ^m 55.018 ^s 32°08'21.460"	58.7	111	147.5	-29.7	162.7	-50.0	12.2	123	
2016/01/06 17:32:03	5985 1942 RJ	7.2	16.32	4.77	219	0.8	38°01'30" 48°26'32"	145	0.3 2.7	TYC 185201835	11.56	5 ^h 30 ^m 05.227 ^s 25°24'15.008"	52.2	116	157.5	-35.0	160.7	-53.2	12.1	106	
2016/01/06 17:59:14	34998 1978 SE	6.0	17.06	5.48	193	0.5	35°55'13" 48°20'05"	188	0.7 1.7	TYC 75201276	11.59	6 ^h 57 ^m 34.650 ^s 9°22'30.289"	30.8	114	166.7	-39.3	140.5	-55.1	12.0	138	
2016/01/06 23:49:45	71726 2000 HQ24	6.6	17.54	6.58	108	0.6	35°26'32" 49°14'54"	214	1.3 1.5	UCAC2 46129789	10.96	6 ^h 34 ^m 09.070 ^s 41°10'40.727"	60.3	269	159.9	-52.6	144.1	-24.4	10.4	170	
2016/01/07 00:30:32	329 Svea	77.8	13.24	0.97	37	6.7	36°04'03" 49°44'53"	205	24.7 25.9	UCAC2 31122779	12.85	6 ^h 41 ^m 16.193 ^s -1°45'58.523"	23.2	236	154.8	-46.9	143.1	-18.1	10.2	118	

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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}
2016/01/07 01:22:46	3504 Khol-shevnikov	13.2	17.36	5.17	84	0.9	35°38'01" 49°25'23"	214	2.3	UCAC2 39633004	12.20	5 ^h 55 ^m 11.357 ^s 22°14'41.593"	26.9	273	162.9	-38.9	160.3	-10.1	10.0	208
2016/01/07 01:51:20	121945 2000 EK31	5.2	19.16	6.74	123	0.7	35°12'49" 49°11'02"	219	0.7	TYC 236502513	12.43	4 ^h 00 ^m 55.982 ^s 34°21'35.089"	14.5	307	137.3	-34.3	161.0	-5.9	9.8	247
2016/01/07 16:04:32	11488 1988 RM11	17.4	18.34	6.88	71	1.1	35°38'17" 50°31'40"	319	2.0	UCAC2 38429445	11.46	7 ^h 58 ^m 38.624 ^s 18°52'12.392"	10.9	74	168.5	-20.8	139.2	-37.4	6.6	340
2016/01/07 21:01:51	56976 2000 SS161	16.6	18.39	6.02	233	1.0	35°45'45" 47°59'06"	189	1.5	UCAC2 42393660	12.38	6 ^h 44 ^m 39.898 ^s 30°02'18.170"	70.2	174	170.0	-61.5	156.8	-54.7	5.6	340
2016/01/07 23:18:30	2393 Suzuki	48.7	17.09	7.83	65	5.0	36°38'29" 50°35'23"	23	6.8	TYC 552900995	9.26	12 ^h 20 ^m 09.828 ^s -11°23'12.399"	13.7	127	97.6	-56.4	73.1	-37.9	5.1	276
2016/01/08 01:21:07	6397 1991 BJ	7.9	16.09	5.46	176	0.9	34°54'48" 48°44'29"	214	0.8	TYC 187101860	10.64	5 ^h 57 ^m 20.253 ^s 28°06'44.650"	31.0	278	161.8	-39.1	167.9	-19.1	4.8	110
2016/01/08 02:31:31	3318 Blixen	21.9	16.07	2.61	10	2.1	36°16'19" 50°08'04"	354	4.7	UCAC2 35217659	13.57	12 ^h 16 ^m 59.330 ^s 9°54'07.587"	50.0	175	106.8	-27.8	82.2	-8.4	4.6	186
2016/01/08 02:35:03	5232 Jordaeus	13.2	17.32	6.19	13	0.5	36°11'59" 49°56'25"	207	2.6	TYC 498101171	11.14	14 ^h 00 ^m 49.761 ^s -7°04'31.916"	28.0	148	76.5	-27.3	52.1	-7.9	4.5	203
2016/01/08 02:56:46	1467 Mashona	112.0	14.24	1.34	253	7.3	38°09'59" 51°59'19"	32	10.4	UCAC2 42579678	13.28	8 ^h 52 ^m 41.861 ^s 30°41'12.975"	45.5	265	156.4	-23.8	132.9	-4.7	4.5	211
2016/01/08 14:00:07	13810 1998 XU51	10.0	17.99	4.75	141	0.6	34°39'47" 50°47'02"	305	1.5	UCAC2 45819482	13.26	8 ^h 10 ^m 21.614 ^s 40°04'39.492"	10.7	37	158.7	-2.1	143.9	-10.7	2.7	213
2016/01/08 14:15:06	1819 Laputa	48.9	16.01	5.56	191	1.3	38°29'50" 49°05'56"	124	5.9	TYC 697101370	10.45	22 ^h 53 ^m 44.875 ^s -23°54'49.315"	15.1	193	49.8	-4.2	68.6	-12.9	2.7	240
2016/01/08 15:43:33	24446 2000 PR25	20.9	18.10	5.00	237	1.1	38°57'45" 48°49'28"	125	1.8	UCAC2 42559417	13.11	6 ^h 06 ^m 58.363 ^s 30°36'03.033"	34.2	82	162.4	-17.3	167.6	-26.6	2.5	373
2016/01/08 18:29:58	161916 2007 EO34	9.1	20.19	8.80	130	0.6	36°02'33" 51°12'29"	352	0.9	UCAC2 39105697	11.39	5 ^h 41 ^m 42.197 ^s 20°49'44.724"	55.4	138	157.9	-43.8	173.6	-50.4	2.1	398
2016/01/08 20:31:54	2038 Bistro	12.6	15.60	2.04	28	1.0	36°17'07" 49°47'45"	180	3.8	UCAC2 43773298	13.74	6 ^h 27 ^m 32.970 ^s 34°00'39.274"	73.9	166	163.9	-59.3	163.9	-58.6	1.9	130
2016/01/08 20:46:58	51364 2000 SU333	16.6	18.07	5.23	130	1.0	36°42'39" 51°11'12"	13	1.9	UCAC2 42055721	12.85	8 ^h 12 ^m 47.730 ^s 29°03'30.976"	60.8	125	165.7	-60.5	150.5	-58.5	1.9	331
2016/01/08 23:07:37	93 Minerva	141.0	12.68	0.75	268	13.7	37°37'51" 52°18'15"	21	9.1	UCAC2 40687674	12.69	9 ^h 33 ^m 06.547 ^s 25°03'45.649"	63.5	155	148.9	-57.5	134.3	-47.0	1.6	160
2016/01/09 01:14:31	23930 1998 SX163	7.2	18.20	5.97	172	0.6	37°49'27" 51°14'32"	40	1.0	TYC 241300343	12.23	5 ^h 45 ^m 43.313 ^s 35°13'38.250"	34.4	286	156.0	-40.1	161.2	-28.5	1.4	194
2016/01/09 15:28:13	14390 1990 QP10	11.5	17.36	3.58	156	0.8	37°40'30" 48°58'09"	140	1.7	UCAC2 42745630	13.82	7 ^h 19 ^m 55.943 ^s 31°10'56.495"	21.6	67	170.9	-14.8	165.7	-15.6	0.4	206
2016/01/09 21:00:53	5492 Thoma	11.5	16.72	4.80	122	1.9	37°05'16" 49°04'54"	152	2.2	TYC 470801008	11.93	3 ^h 12 ^m 17.981 ^s -2°02'21.362"	21.5	238	114.7	-61.2	118.6	-57.5	0.2	149
2016/01/09 21:01:06	450 Brigitta	33.3	14.51	2.93	231	2.6	36°15'52" 52°07'12"	360	2.8	UCAC2 44654995	11.65	7 ^h 37 ^m 26.657 ^s 36°39'19.702"	73.5	138	165.0	-61.2	160.0	-57.5	0.2	156

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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}
2016/01/09 21:29:34	8045 Kamiyama	11.0	15.84	3.07	60	1.4	36°43'45" 49°35'14"	148	3.2 3.6	UCAC2 35753149	12.83	9 ^h 20 ^m 21.408 ^s 11°27'58.475"	43.2	134	149.7	-62.2	147.9	-57.9	0.2	122
2016/01/09 22:24:04	4285 Hulkower	10.0	18.07	4.53	164	1.3	36°07'33" 48°34'46"	184	1.3 1.6	UCAC2 31439228	13.55	2 ^h 37 ^m 47.237 ^s 0° - 33°42.310"	4.9	263	107.4	-61.0	110.3	-56.2	0.2	246
2016/01/10 03:31:17	453 Tea	20.2	13.28	0.60	114	2.1	35°08'43" 49°20'12"	226	4.1 8.4	UCAC2 41709495	13.61	8 ^h 32 ^m 54.873 ^s 28°25'05.031"	34.0	275	162.9	-18.2	160.8	-15.1	0.2	96
2016/01/10 19:44:46	3499 Hoppe	10.5	17.63	3.93	242	0.7	36°15'22" 52°13'12"	359	1.0 2.2	UCAC2 37891418	13.73	8 ^h 30 ^m 57.623 ^s 17°28'38.323"	41.4	115	164.0	-53.9	173.1	-44.3	0.8	193
2016/01/10 19:52:39	5067 Occident	10.0	17.22	4.81	172	1.1	36°06'52" 48°30'26"	184	1.4 2.3	UCAC2 36415288	12.42	5 ^h 13 ^m 48.364 ^s 13°28'52.712"	53.4	189	147.6	-54.9	139.1	-45.3	0.8	176
2016/01/10 22:51:22	11272 1988 RK	5.8	17.08	6.11	96	0.6	37°06'44" 50°44'09"	38	1.4 1.9	TYC 13600456	10.98	6 ^h 21 ^m 40.195 ^s 2°52'57.359"	35.1	222	155.3	-58.9	150.3	-55.7	1.1	120
2016/01/10 23:25:39	2475 Semenov	15.8	15.84	4.19	199	1.3	35°34'54" 48°18'57"	195	1.8 4.0	UCAC2 35003303	11.67	7 ^h 05 ^m 18.414 ^s 9°16'14.081"	41.9	223	166.4	-55.4	162.6	-54.0	1.1	157
2016/01/10 23:30:12	72643 2001 FJ40	6.9	18.15	7.39	79	0.5	36°44'17" 50°41'35"	24	1.3 1.5	TYC 247800023	10.77	8 ^h 19 ^m 04.287 ^s 34°36'22.276"	71.7	219	162.8	-54.9	161.1	-53.7	1.2	190
2016/01/11 15:28:49	1502 Arenda	33.2	14.86	2.28	162	3.4	37°05'03" 48°41'05"	159	4.4 11.0	UCAC2 37688276	12.72	6 ^h 34 ^m 49.873 ^s 16°38'15.742"	19.3	87	166.2	-14.5	147.6	3.4	3.2	120
2016/01/11 17:01:20	7302 1993 CQ	11.0	16.13	2.78	3	1.8	36°20'04" 50°03'02"	84	3.4 3.4	UCAC2 36411941	13.44	4 ^h 46 ^m 32.083 ^s 13°05'18.869"	46.1	137	140.3	-29.2	120.4	-10.1	3.4	129
2016/01/11 17:42:38	47034 1998 VP54	5.8	18.54	7.61	188	0.6	37°55'34" 48°44'24"	141	0.7 1.2	HIP 24778	10.93	5 ^h 18 ^m 43.894 ^s 20°50'21.980"	54.0	134	149.6	-35.8	128.3	-16.4	3.5	197
2016/01/11 20:22:30	7352 1994 CO	34.7	17.23	4.83	134	2.6	36°41'58" 51°13'07"	13	3.4 3.6	UCAC2 37491087	12.41	5 ^h 18 ^m 22.927 ^s 16°09'19.280"	54.7	202	148.4	-57.9	126.4	-39.9	4.0	379
2016/01/11 21:32:42	36202 1999 TGG98	6.6	18.24	6.99	72	1.1	37°16'22" 49°54'25"	103	1.4 1.5	TYC 65900216	11.25	4 ^h 03 ^m 45.268 ^s 9°30'07.597"	32.7	243	129.0	-61.9	106.8	-48.0	4.2	175
2016/01/12 01:41:32	1111 Reinmuthia	24.3	16.87	3.97	149	0.8	37°41'34" 51°02'52"	42	3.1 3.6	UCAC2 26237421	12.93	15 ^h 23 ^m 33.415 ^s -15°01'39.937"	7.4	124	58.7	-35.7	84.2	-43.6	5.0	271
2016/01/12 03:55:52	2330 Ontake	33.0	16.29	2.46	154	2.4	37°51'13" 51°00'50"	46	4.7 5.9	UCAC2 37337367	13.94	6 ^h 44 ^m 14.643 ^s 15°38'50.614"	2.5	292	167.3	-14.3	142.5	-24.5	5.5	221
2016/01/12 04:00:11	51229 2000 JF27	6.3	17.52	5.14	136	1.0	34°36'51" 49°28'27"	242	1.1 1.7	TYC 196400738	12.39	9 ^h 57 ^m 06.338 ^s 27°19'58.264"	40.8	265	146.5	-13.6	162.7	-23.9	5.5	150
2016/01/12 18:23:51	285 Regina	45.1	15.90	3.49	46	3.6	36°45'25" 49°45'49"	133	9.4 9.7	UCAC2 45474719	12.46	5 ^h 14 ^m 19.212 ^s 39°13'47.695"	75.2	131	145.4	-42.1	112.5	-11.8	9.0	186
2016/01/12 20:42:19	1686 De Sitter	36.3	16.40	4.46	217	2.5	36°02'56" 48°06'04"	184	4.0 6.9	UCAC2 40329405	11.96	6 ^h 31 ^m 52.493 ^s 24°04'53.801"	64.3	181	165.4	-59.4	129.3	-32.5	9.6	209
2016/01/12 23:25:45	51339 2000 OA61	12.6	19.35	6.48	74	0.9	36°02'23" 49°24'11"	194	1.2 1.2	UCAC2 42375932	12.87	5 ^h 30 ^m 11.020 ^s 30°25'37.930"	43.6	267	150.7	-55.2	113.5	-48.8	10.4	422
2016/01/13 00:30:53	3243 Skytel	11.0	17.51	3.72	109	0.9	37°02'54" 50°53'46"	30	1.9 2.2	UCAC2 44285257	13.83	5 ^h 54 ^m 40.234 ^s 35°48'03.596"	40.5	280	153.9	-46.6	117.5	-49.5	10.8	196

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 5		LinOccult 2.2.0 BETA			
		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}
2016/01/13 16:13:46	73641 UK3	10.0	19.82	6.11	203	0.6	37°15'04'' 48°20'05''	160	0.8	UCAC2 38593463	13.71	6 ^h 45 ^m 38.889 ^s 19°23'58.567''	28.1	93	167.6	-21.2	121.4	17.7	15.8	420
2016/01/13 16:45:54	12764 VA2	9.1	17.61	5.83	55	0.7	35°56'19'' 50°29'29''	333	1.9	TYC 244800322	11.79	6 ^h 46 ^m 49.176 ^s 37°01'43.711''	45.1	82	160.9	-26.4	118.6	13.5	15.9	185
2016/01/13 18:39:25	1881 Shao	31.2	16.63	3.55	186	2.3	36°28'38'' 48°22'47''	176	3.9	UCAC2 35717747	13.12	6 ^h 21 ^m 03.116 ^s 11°23'06.531''	45.8	141	158.9	-44.3	114.2	-3.0	16.6	234
2016/01/13 22:26:39	2429 Schurer	13.8	16.02	3.26	85	2.5	36°43'36'' 50°45'38''	22	3.3	UCAC2 41370533	12.82	10 ^h 56 ^m 31.669 ^s 27°18'14.340''	53.2	114	135.0	-60.3	158.5	-35.5	17.9	139
2016/01/14 04:05:25	1361 Leuschneria	30.2	16.64	3.05	116	0.6	35°30'33'' 49°07'56''	209	3.8	UCAC2 29311082	13.66	18 ^h 23 ^m 42.369 ^s -7°25'38.509''	9.7	114	23.1	-12.7	70.9	-32.0	20.1	294
2016/01/14 17:45:54	41283 XM99	11.5	18.01	5.50	11	0.7	36°16'13'' 50°08'30''	354	1.9	UCAC2 41699021	12.52	7 ^h 03 ^m 05.532 ^s 28°15'51.038''	47.1	101	168.6	-35.8	109.4	16.1	25.6	241
2016/01/14 19:11:53	88 Thisbe	200.6	11.40	0.96	262	13.6	35°45'01'' 52°22'45''	352	14.5	TYC 136801896	11.03	7 ^h 34 ^m 56.774 ^s 19°31'20.855''	48.5	124	177.5	-48.8	117.0	3.5	26.2	161
2016/01/14 20:07:21	1171 Rusthawelia	70.1	13.75	1.09	106	6.7	36°08'34'' 49°05'48''	186	15.1	UCAC2 3949679	13.16	6 ^h 53 ^m 50.942 ^s 21°34'25.862''	60.3	158	168.6	-55.8	106.7	-5.0	26.6	136
2016/01/14 21:45:38	1047 Geisha	14.1	14.71	2.05	77	1.3	35°52'57'' 49°24'39''	202	4.1	UCAC2 40514411	12.83	8 ^h 49 ^m 03.685 ^s 24°52'14.090''	62.2	148	164.5	-61.5	130.8	-19.6	27.3	102
2016/01/15 16:34:39	4874 Burke	12.0	15.16	2.40	218	1.2	36°49'57'' 51°58'40''	10	0.8	TYC 75802059	12.89	6 ^h 40 ^m 21.122 ^s 13°43'31.273''	29.3	104	162.6	-24.2	91.9	35.0	35.6	126
2016/01/15 18:54:32	4004 List'ev	13.2	16.79	3.51	102	3.9	37°42'31'' 50°02'46''	90	2.5	UCAC2 44958461	13.32	3 ^h 34 ^m 00.241 ^s 37°37'12.362''	70.6	239	123.5	-46.2	53.8	17.4	36.7	175
2016/01/15 20:31:26	2014 Vasiljevskis	12.0	17.23	4.18	60	1.8	37°01'26'' 50°18'19''	61	2.6	UCAC2 30946717	13.07	4 ^h 25 ^m 37.290 ^s -2°09'12.927''	31.0	219	125.5	-58.0	56.6	2.8	37.4	174
2016/01/15 22:53:04	592 Bathseba	41.7	13.87	3.00	185	4.7	35°03'10'' 48°35'51''	209	5.1	TYC 24101732	10.94	9 ^h 34 ^m 36.503 ^s 5°39'29.287''	45.1	167	149.9	-58.1	131.7	-18.1	38.5	146
2016/01/15 22:56:35	4826 Wilhelmshelms	11.0	16.31	5.15	136	0.7	37°43'40'' 50°51'09''	49	2.0	TYC 190500349	11.16	6 ^h 43 ^m 48.014 ^s 29°55'57.770''	57.5	245	163.1	-57.8	88.1	-18.5	38.6	139
2016/01/16 00:11:36	379 Huenna	92.3	13.65	0.98	45	7.2	36°28'56'' 50°26'05''	18	20.7	UCAC2 39122905	13.23	6 ^h 38 ^m 57.668 ^s 20°56'10.470''	38.7	256	163.9	-49.1	86.6	-27.6	39.2	170
2016/01/16 02:06:15	13275 QT39	5.5	16.75	5.19	29	0.5	35°58'57'' 49°52'29''	229	1.8	UCAC2 37165019	11.57	7 ^h 11 ^m 15.093 ^s 15°16'30.738''	21.3	269	169.5	-31.5	93.5	-35.7	40.1	116
2016/01/16 03:09:22	447 Valentine	79.5	15.02	3.80	270	2.7	38°11'31'' 52°09'37''	30	7.1	TYC 617000819	11.25	15 ^h 19 ^m 56.157 ^s -15°40'44.104''	18.8	148	63.5	-21.4	142.4	-36.1	40.5	251
2016/01/16 04:40:48	11249 Etna	13.2	18.65	6.17	76	0.9	35°29'26'' 49°35'55''	229	1.6	UCAC2 46125223	12.49	6 ^h 07 ^m 12.982 ^s 41°22'01.399''	11.4	324	150.4	-7.2	77.7	-31.2	41.3	317
2016/01/16 14:21:50	1896 Beer	5.8	17.09	5.91	162	1.0	37°08'06'' 48°42'11''	158	0.8	UCAC2 38752577	11.19	5 ^h 37 ^m 46.372 ^s 19°42'22.520''	23.1	86	148.9	-3.7	64.1	44.7	45.7	118
2016/01/16 15:49:46	49513 CK28	1999 9.5	17.32	5.15	156	0.6	37°45'10'' 49°01'02''	138	1.5	TYC 139601436	12.18	8 ^h 51 ^m 41.543 ^s 18°52'33.892''	6.0	68	165.6	-16.9	108.6	45.7	46.5	179

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 6		LinOccult 2.2.0 BETA			
		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}
2016/01/16 17:51:25	115549 2003 UE66	5.2	18.58	7.82	47	0.6	36°33'00" 50°26'02"	24	1.0	TYC 71301231	10.76	5 ^h 30 ^m 51.171 ^s 14°02'20.843"	49.6	144	145.9	-36.3	60.1	36.4	47.4	210
2016/01/16 19:04:56	88604 2001 QH293	7.2	16.71	6.29	36	0.8	36°35'01" 49°47'01"	144	2.1	TYC 186702631	10.42	5 ^h 57 ^m 30.380 ^s 25°34'58.729"	64.3	156	153.5	-47.5	66.1	26.9	48.1	131
2016/01/16 19:49:03	2698 Azerba-jdzhan	12.0	16.14	3.24	32	2.3	36°23'01" 50°19'40"	13	3.1	UCAC2 36415107	12.95	5 ^h 12 ^m 29.723 ^s 13°29'27.702"	52.6	198	141.4	-53.3	54.4	20.5	48.4	150
2016/01/17 00:30:30	4805 Aster-opaios	33.1	17.07	3.99	159	2.2	37°06'51" 51°22'33"	22	3.7	UCAC2 39990981	13.11	6 ^h 17 ^m 17.582 ^s 23°27'25.116"	33.4	268	157.9	-46.3	67.3	-20.0	50.7	318
2016/01/17 16:00:41	7969 1997 RP3	8.7	16.89	4.94	142	0.8	36°55'11" 48°50'08"	161	1.5	UCAC2 39300147	11.96	7 ^h 04 ^m 58.732 ^s 21°06'12.793"	26.7	88	168.3	-18.4	69.4	50.3	57.9	149
2016/01/17 18:12:27	765 Mattiaca	11.5	14.91	3.31	28	1.7	36°04'52" 50°15'58"	329	4.5	TYC 189100772	11.65	6 ^h 31 ^m 57.795 ^s 29°47'58.302"	58.8	118	159.1	-39.4	60.7	43.5	58.9	98
2016/01/17 20:11:26	3627 Sayers	6.6	16.43	5.36	247	0.7	35°27'47" 47°53'27"	194	0.2	TYC 195600570	11.07	9 ^h 00 ^m 54.202 ^s 27°57'28.846"	53.0	112	163.5	-55.6	92.1	28.1	59.8	106
2016/01/17 22:43:25	1725 CrAO	18.2	15.84	3.00	209	1.9	35°09'02" 48°19'36"	203	1.9	UCAC2 39453582	12.91	5 ^h 59 ^m 15.319 ^s 21°49'22.144"	45.6	247	152.7	-58.6	50.1	5.1	61.1	161
2016/01/18 01:08:03	4626 Pliset-skaya	6.9	16.33	4.19	60	0.8	35°47'50" 49°36'49"	216	2.3	TYC 189001560	12.16	6 ^h 22 ^m 02.727 ^s 28°12'47.353"	30.8	278	157.2	-40.5	54.3	-14.8	62.2	102
2016/01/18 01:59:30	23965 1998 WP16	6.3	18.65	8.39	98	0.8	37°38'05" 50°14'07"	78	1.1	TYC 143600910	10.26	11 ^h 06 ^m 57.305 ^s 22°09'20.192"	59.5	211	135.9	-32.4	117.5	-20.3	62.5	193
2016/01/18 16:03:06	252 Clementina	69.3	14.57	1.79	87	6.0	36°18'26" 49°15'51"	179	14.1	UCAC2 34986736	13.01	6 ^h 23 ^m 31.472 ^s 9°22'09.570"	25.5	107	154.3	-18.6	46.6	52.0	68.8	171
2016/01/18 16:08:47	28335 1999 DN2	10.5	17.13	3.71	79	0.9	37°02'55" 49°32'09"	136	2.1	UCAC2 44660160	13.45	9 ^h 15 ^m 49.360 ^s 36°59'30.876"	20.2	56	156.6	-19.5	82.2	52.3	68.8	178
2016/01/18 20:05:38	27019 1998 MN33	7.9	17.73	5.67	108	1.2	35°34'23" 50°54'14"	332	1.5	TYC 185301010	12.06	5 ^h 06 ^m 53.469 ^s 27°08'26.504"	63.2	219	140.0	-54.8	27.4	39.2	70.6	182
2016/01/18 21:00:03	29123 1983 RA4	5.0	18.42	6.92	135	0.5	36°38'11" 48°51'36"	169	0.9	TYC 241700807	11.50	5 ^h 49 ^m 17.407 ^s 36°53'59.707"	69.8	238	147.2	-59.4	39.2	31.5	71.0	169
2016/01/19 00:14:02	26321 1998 VT5	6.3	17.95	5.44	171	0.5	35°16'01" 51°26'18"	335	0.9	TYC 540301364	12.51	7 ^h 19 ^m 09.749 ^s -12°52'48.125"	14.5	228	145.0	-48.4	62.3	2.2	72.3	171
2016/01/19 15:55:52	1963 Bezovec	44.7	13.84	0.74	149	3.5	34°25'29" 49°27'34"	244	5.2	UCAC2 34584868	13.86	4 ^h 20 ^m 42.748 ^s 8°14'42.862"	40.9	137	124.9	-17.2	8.3	49.0	78.5	90
2016/01/19 22:08:47	31819 1999 RS150	18.2	18.32	5.70	217	1.1	35°53'15" 48°06'51"	188	1.7	TYC 248400169	12.62	8 ^h 40 ^m 40.420 ^s 31°30'49.859"	71.6	172	166.2	-60.1	59.4	31.3	80.9	367
2016/01/19 22:08:47	31819 1999 RS150	18.2	18.32	6.18	217	1.1	35°53'15" 48°06'51"	188	1.7	UCAC2 42924089	12.14	8 ^h 40 ^m 40.420 ^s 31°30'49.859"	71.6	172	166.2	-60.1	59.4	31.3	80.9	367
2016/01/19 22:50:09	592 Bathseba	41.7	13.79	1.29	39	4.2	36°35'07" 50°20'18"	33	11.1	UCAC2 33751880	12.90	9 ^h 32 ^m 11.491 ^s 5°56'56.122"	45.9	172	154.4	-57.7	75.3	25.0	81.1	144
2016/01/20 00:25:35	5014 Gor-chakov	12.0	17.92	4.42	70	0.8	35°49'09" 49°29'47"	209	2.0	UCAC2 39994018	13.52	6 ^h 29 ^m 07.898 ^s 23°07'12.252"	34.0	266	157.5	-46.6	28.5	10.4	81.7	223

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		LinOccult 2.2.0 BETA			
		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}
2016/01/20 01:37:51	3433 Fehrenbach	10.5	15.74	3.02	58	1.8	36°43'02" 50°29'42"	32	3.2	UCAC2 41146068	12.79	3 ^h 47 ^m 00.420 ^s 26°39'01.630"	1.8	311	121.0	-35.7	14.5	-0.1	82.1	113
2016/01/20 15:53:25	9257 Kurniske	10.5	18.14	9.72	107	1.1	37°18'39" 49°21'23"	136	2.4	TYC 5300951	8.42	2 ^h 45 ^m 38.174 ^s 6°33'39.383"	46.3	170	101.1	-16.6	36.3	43.2	86.9	116
2016/01/20 16:40:08	741 Botolphia	29.6	13.40	1.52	134	2.7	35°45'54" 51°12'18"	344	5.3	UCAC2 40183816	12.18	8 ^h 46 ^m 15.507 ^s 23°42'19.691"	20.6	77	170.4	-24.1	50.8	49.2	87.1	120
2016/01/20 18:35:43	97893 QV65	2000	19.70	6.74	15	0.8	36°16'33" 50°11'06"	357	1.1	UCAC2 40492799	12.96	6 ^h 24 ^m 17.814 ^s 24°36'12.805"	59.9	139	155.6	-42.4	17.7	57.9	87.7	435
2016/01/20 19:04:22	16758 TR1	1996	17.51	5.73	40	0.8	36°23'02" 50°23'59"	10	1.7	UCAC2 37679656	11.78	6 ^h 07 ^m 24.576 ^s 16°31'11.814"	55.8	163	151.1	-46.6	12.6	58.0	87.8	138
2016/01/20 19:16:15	49566 CM106	1999	16.95	6.06	206	0.6	37°11'37" 48°17'24"	162	0.5	TYC 134801566	10.89	7 ^h 03 ^m 35.600 ^s 17°22'28.944"	53.5	145	164.4	-48.2	25.7	57.7	87.9	122
2016/01/20 21:46:09	73757 CH10	1994	18.80	6.83	11	2.2	36°10'50" 49°58'49"	225	1.2	UCAC2 40638557	11.97	3 ^h 45 ^m 45.049 ^s 25°22'52.968"	34.4	270	119.7	-60.3	23.3	43.7	88.5	197
2016/01/20 21:52:28	5403 Takachiho	15.8	15.58	3.81	249	1.3	38°08'04" 51°57'33"	32	1.0	TYC 139601535	11.80	8 ^h 45 ^m 45.231 ^s 18°39'15.592"	58.3	167	171.2	-60.2	48.2	42.9	88.7	147
2016/01/20 22:10:48	5740 Toutoumi	10.5	15.95	2.65	14	1.2	36°24'13" 50°08'41"	38	3.6	UCAC2 43618250	13.40	10 ^h 22 ^m 40.874 ^s 33°51'22.759"	64.6	119	147.4	-59.8	67.9	40.3	88.7	115
2016/01/20 22:53:52	470 Kilia	26.4	13.19	0.59	90	2.3	36°54'42" 50°44'56"	30	6.9	UCAC2 35565609	13.55	7 ^h 49 ^m 05.879 ^s 10°59'33.178"	47.1	213	169.7	-57.3	35.7	33.9	89.0	109
2016/01/20 23:00:56	14715 CD71	2000	17.99	7.85	35	0.6	36°06'21" 49°45'06"	201	1.7	TYC 190601531	10.14	6 ^h 55 ^m 24.919 ^s 28°39'47.253"	54.7	247	161.2	-56.7	23.3	32.8	89.0	188
2016/01/20 23:06:44	13833 XW13	1999	16.75	2.91	166	1.3	34°51'42" 48°52'50"	218	1.6	UCAC2 34415484	13.91	5 ^h 58 ^m 41.317 ^s 7°46'31.620"	29.2	245	146.1	-56.1	13.2	32.0	89.0	170
2016/01/21 03:18:44	476 Hedwig	116.8	13.16	1.97	29	19.1	36°06'00" 50°16'47"	333	29.7	TYC 492701468	11.38	11 ^h 01 ^m 51.584 ^s -5°41'46.594"	24.3	225	130.5	-19.4	83.9	-5.0	90.3	150
2016/01/21 04:16:23	545 Messalina	111.3	14.85	3.01	292	5.7	32°23'09" 49°20'11"	254	8.8	TYC 614400850	11.91	13 ^h 57 ^m 55.821 ^s -20°30'05.901"	18.9	191	85.8	-10.4	128.5	-11.7	90.5	236
2016/01/22 01:04:00	45602 DX17	2000	18.00	6.46	174	0.7	35°15'04" 48°38'11"	205	1.3	TYC 336101129	11.54	5 ^h 52 ^m 34.692 ^s 46°20'40.082"	36.4	301	140.8	-40.7	29.0	22.6	95.2	217
2016/01/22 14:51:08	18892 ET137	2000	18.45	7.23	76	0.6	36°39'48" 49°24'34"	159	1.3	UCAC2 42385381	11.22	6 ^h 06 ^m 54.117 ^s 30°02'47.503"	34.3	82	149.1	-6.7	16.9	17.3	97.5	180
2016/01/22 15:14:21	3139 Shantou	41.7	15.56	2.05	137	3.0	36°01'38" 51°16'05"	352	6.6	UCAC2 32846551	13.68	7 ^h 11 ^m 25.822 ^s 3°03'52.874"	7.8	95	157.0	-10.2	15.1	20.9	97.5	196
2016/01/22 20:49:34	16965 RX79	1998	16.26	4.39	183	0.8	35°37'42" 51°38'32"	345	0.7	UCAC2 43434298	11.89	7 ^h 17 ^m 50.105 ^s 33°03'37.153"	73.3	182	161.1	-57.9	15.5	57.8	98.2	113
2016/01/22 21:37:25	2283 Bunke	10.5	15.28	2.38	114	1.2	35°43'34" 49°05'07"	201	2.1	UCAC2 35549194	13.03	6 ^h 52 ^m 10.314 ^s 10°56'59.267"	48.0	209	157.7	-59.8	8.6	56.0	98.3	97
2016/01/22 22:39:56	17979 JS55	1999	18.10	6.95	161	0.5	35°07'39" 48°48'47"	211	1.0	UCAC2 41697779	11.15	6 ^h 57 ^m 01.977 ^s 28°16'26.330"	56.6	242	159.7	-57.9	11.7	50.4	98.4	174

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 8		LinOccult 2.2.0 BETA			
		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}
2016/01/23 02:44:56	948 Jucunda	16.6	15.17	2.24	43	1.9	36°41'05'' 50°19'55''	42	5.0	UCAC2 40019956	13.08	9 ^h 45 ^m 56.385 ^s 23°28'33.061''	41.4	257	159.3	-24.6	33.1	14.6	98.8	126
2016/01/23 15:27:20	13007 1984 AU	8.3	16.83	5.30	12	1.5	36°17'36'' 49°56'37''	178	2.6	TYC 180400043	11.53	3 ^h 53 ^m 31.761 ^s 24°32'11.127''	56.8	129	118.5	-11.9	56.8	13.6	99.7	129
2016/01/23 17:20:05	21557 Daniel-litt	12.0	17.07	5.50	41	1.1	35°58'47'' 50°21'24''	328	2.7	TYC 188300346	11.57	6 ^h 26 ^m 48.953 ^s 25°31'45.432''	52.1	116	153.0	-29.9	23.5	30.9	99.7	175
2016/01/23 17:20:05	21557 Daniel-litt	12.0	17.07	5.08	41	1.1	35°58'47'' 50°21'24''	328	2.7	UCAC2 40832230	12.00	6 ^h 26 ^m 48.953 ^s 25°31'45.432''	52.1	116	153.0	-29.9	23.5	30.9	99.7	175
2016/01/23 22:23:50	15044 1998 XY16	6.6	18.71	7.25	77	1.0	35°50'50'' 49°24'59''	204	1.3	TYC 26500795	11.46	11 ^h 03 ^m 53.443 ^s 4°13'39.868''	37.4	140	137.6	-58.7	44.1	54.7	99.9	189
2016/01/23 23:59:58	9103 Komat-subara	6.0	17.45	6.54	9	1.1	36°12'59'' 49°58'59''	215	1.9	TYC 130902609	10.91	5 ^h 29 ^m 22.681 ^s 21°33'20.698''	24.8	275	139.7	-49.6	39.6	45.6	99.9	129
2016/01/24 03:41:23	1124 Stroobantia	24.6	15.61	3.96	240	7.7	33°34'48'' 48°48'24''	234	2.2	UCAC2 35216618	11.68	11 ^h 42 ^m 27.820 ^s 9°51'30.642''	38.7	232	130.9	-15.4	48.9	12.5	99.9	178
2016/01/24 03:54:42	623 Chimaera	44.1	16.44	3.21	123	1.5	38°00'39'' 50°00'26''	92	6.9	UCAC2 18197950	13.28	15 ^h 32 ^m 04.880 ^s -32°22'20.619''	6.6	167	65.4	-13.3	112.5	10.4	99.9	219
2016/01/24 14:54:20	30793 1988 SJ3	12.6	19.30	5.38	202	1.0	36°58'09'' 48°17'28''	166	1.1	UCAC2 41163263	13.93	5 ^h 58 ^m 55.043 ^s 26°41'22.400''	35.0	89	145.8	-6.7	41.1	-0.6	99.6	405
2016/01/24 15:48:26	1442 Corvina	16.1	15.88	2.44	178	1.3	37°12'21'' 48°33'50''	158	2.2	UCAC2 38963451	13.57	7 ^h 28 ^m 58.513 ^s 20°03'48.416''	24.5	88	166.9	-15.0	20.0	7.3	99.6	158
2016/01/24 16:32:15	297052 2010 HB81	9.5	20.02	8.99	202	0.5	34°58'54'' 51°39'36''	333	0.6	TYC 247501953	11.03	7 ^h 53 ^m 40.308 ^s 34°09'52.019''	37.4	79	163.5	-22.0	23.9	14.0	99.5	572
2016/01/24 20:29:49	947 Mon-terosa	26.9	14.07	0.80	12	1.3	36°23'44'' 49°58'03''	139	7.1	UCAC2 36757372	13.98	2 ^h 04 ^m 43.130 ^s 14°28'24.816''	19.9	269	90.0	-55.8	99.3	47.4	99.3	150
2016/01/24 20:36:29	6439 Tirol	14.5	16.66	4.97	40	1.0	36°03'35'' 49°43'07''	204	3.0	TYC 81001621	11.70	8 ^h 49 ^m 01.847 ^s 8°47'02.175''	44.6	147	168.1	-56.4	5.5	48.1	99.3	187
2016/01/24 21:01:24	1432 Ethiopia	13.2	15.78	2.22	162	1.1	37°21'26'' 51°19'54''	28	1.9	UCAC2 38959374	13.71	7 ^h 08 ^m 18.959 ^s 20°04'39.024''	59.6	195	161.8	-58.1	27.6	50.3	99.2	131
2016/01/24 21:53:45	9321 Alexkonopliv	8.3	17.41	6.11	13	0.6	36°07'31'' 49°59'42''	243	2.1	TYC 64600338	11.30	2 ^h 48 ^m 31.851 ^s 14°19'09.798''	13.3	277	99.9	-59.3	89.9	53.2	99.2	156
2016/01/24 22:43:09	8606 1971 UG	12.0	16.55	3.55	165	1.3	37°17'23'' 51°22'57''	26	1.8	UCAC2 34069456	13.05	6 ^h 29 ^m 41.715 ^s 6°48'51.005''	33.8	235	149.2	-57.3	38.6	53.4	99.1	156
2016/01/24 23:57:33	15698 1986 QO2	6.6	18.88	6.89	83	0.6	35°43'36'' 49°23'33''	209	1.2	UCAC2 39818802	11.99	6 ^h 16 ^m 10.321 ^s 22°34'51.831''	32.8	267	149.5	-49.7	41.5	49.0	99.0	207
2016/01/25 02:02:13	61290 2000 OX42	5.5	17.67	7.04	4	1.1	36°16'27'' 50°05'04''	348	1.4	TYC 186602601	10.63	5 ^h 43 ^m 42.420 ^s 25°04'09.195''	10.2	297	142.0	-31.2	50.3	33.5	98.8	151
2016/01/25 14:25:51	453 Tea	20.2	13.08	0.91	13	1.9	36°25'00'' 49°57'42''	136	8.5	UCAC2 42055813	12.79	8 ^h 14 ^m 06.597 ^s 29°21'37.584''	12.5	59	169.1	-2.3	26.3	-13.3	97.5	94
2016/01/25 15:57:52	2226 Cunitza	15.1	16.10	2.29	210	1.8	34°57'49'' 51°44'13''	333	1.5	UCAC2 41170250	13.95	6 ^h 18 ^m 22.288 ^s 26°36'52.090''	42.7	99	149.1	-16.3	49.8	-0.8	97.3	153

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 9		LinOccult 2.2.0 BETA			
		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}
2016/01/25 16:18:38	8609 Shuvalov	6.0	16.62	5.33	187	0.6	33°51'09'' 50°41'52''	293	0.4	TYC 141200346	11.30	10 ^h 01 ^m 57.122 ^s 15°05'09.750''	2.1	69	157.5	-19.6	6.4	2.3	97.3	102
2016/01/25 17:53:57	413 Edburga	31.9	14.16	6.57	240	1.6	33°59'53'' 51°38'31''	317	0.0	HIP 13762	7.59	2 ^h 57 ^m 09.612 ^s 3°40'43.003''	39.2	213	97.8	-34.9	100.8	16.9	97.1	62
2016/01/25 18:38:19	12839 1997 FB2	5.0	18.17	7.31	151	0.6	35°29'56'' 48°47'25''	202	0.8	TYC 132200852	10.86	6 ^h 08 ^m 51.527 ^s 19°33'40.575''	58.3	159	146.9	-41.7	52.8	23.7	97.0	150
2016/01/25 18:51:16	21042 1990 QT7	6.9	17.48	7.33	74	0.6	36°13'14'' 50°42'54''	356	1.6	TYC 138401873	10.15	8 ^h 06 ^m 12.845 ^s 19°18'05.159''	47.2	122	174.5	-43.6	25.5	25.6	96.9	159
2016/01/25 19:11:47	6874 1994 JO1	5.8	18.16	7.78	169	0.6	36°13'31'' 48°31'43''	181	0.8	TYC 188900294	10.38	6 ^h 15 ^m 21.116 ^s 28°12'49.376''	68.1	168	148.0	-46.5	52.4	28.7	96.9	147
2016/01/25 20:05:47	9347 1991 RY21	6.3	16.81	5.16	162	0.7	35°57'26'' 48°36'41''	188	0.8	TYC 141100110	11.65	9 ^h 47 ^m 23.233 ^s 16°37'01.503''	41.3	117	161.4	-53.2	5.9	36.2	96.8	110
2016/01/26 04:04:16	5210 Saint-Saens	5.2	18.31	6.79	5	1.1	36°20'40'' 50°03'58''	63	1.5	TYC 495201013	11.52	12 ^h 44 ^m 27.500 ^s -4°13'09.616''	29.6	216	113.5	-11.5	42.0	19.6	95.5	139
2016/01/26 21:56:54	2475 Semenov	15.8	16.11	4.37	179	1.5	37°24'01'' 51°29'38''	26	2.1	UCAC2 35182945	11.76	6 ^h 52 ^m 51.864 ^s 9°48'41.855''	43.8	220	153.9	-58.8	56.5	40.8	92.0	162
2016/01/27 00:03:38	1963 Bezovec	44.7	14.00	4.08	144	3.4	35°35'10'' 48°50'26''	200	6.1	UCAC2 35515573	9.95	4 ^h 21 ^m 26.357 ^s 10°52'04.051''	3.5	283	118.6	-48.6	94.5	46.9	91.5	95
2016/01/27 00:26:04	156185 2001 TH220	10.0	20.21	8.99	50	0.6	35°56'01'' 49°39'29''	210	0.6	TYC 410301426	11.22	6 ^h 14 ^m 40.265 ^s 64°39'17.770''	49.7	320	128.4	-45.5	74.6	46.4	91.4	647
2016/01/27 00:30:24	723 Hammonia	35.7	14.83	5.37	33	12.8	36°16'49'' 49°44'58''	181	8.7	TYC 128000832	9.47	4 ^h 51 ^m 21.994 ^s 16°05'36.511''	8.0	286	126.9	-44.9	86.8	46.3	91.5	161
2016/01/27 23:08:46	17503 Celestchild	5.2	15.69	2.94	222	0.6	34°47'34'' 51°48'11''	331	0.0	TYC 16302247	12.82	7 ^h 09 ^m 01.485 ^s 1°20'27.178''	29.4	231	152.2	-54.6	65.3	39.6	85.6	79
2016/01/28 00:55:50	4967 Glia	30.7	16.20	2.50	91	2.4	37°25'16'' 50°25'32''	63	5.3	UCAC2 37516266	13.81	6 ^h 46 ^m 42.462 ^s 16°16'27.086''	21.8	270	153.2	-41.1	71.6	43.0	85.1	211
2016/01/28 02:18:21	4696 Arpigny	11.0	16.83	3.50	206	0.9	34°46'13'' 48°28'57''	212	1.2	UCAC2 38782566	13.38	7 ^h 22 ^m 09.186 ^s 19°35'49.302''	16.7	281	161.8	-28.1	64.2	38.7	84.7	159
2016/01/28 03:39:52	2927 Alamosa	13.2	17.41	6.94	132	0.7	36°42'34'' 48°53'44''	167	1.9	TYC 498500510	10.47	14 ^h 42 ^m 41.455 ^s -1°39'49.697''	38.4	177	88.7	-15.1	46.2	30.1	84.4	232
2016/01/28 22:32:09	13968 1991 RE7	13.8	17.74	4.27	90	1.3	36°20'52'' 50°51'23''	3	2.2	UCAC2 47297603	13.49	5 ^h 46 ^m 57.770 ^s 45°46'45.929''	53.6	285	134.5	-57.1	95.2	28.4	78.5	234
2016/01/29 18:22:34	4349 Tiburcio	26.1	15.77	3.47	165	1.9	36°29'02'' 48°34'06''	175	3.7	UCAC2 41367288	12.34	9 ^h 17 ^m 54.597 ^s 27°12'47.763''	40.1	94	168.1	-38.4	60.0	-17.1	71.8	141
2016/01/29 19:53:41	15777 1993 LF	10.5	16.67	2.87	72	0.8	36°44'30'' 50°37'44''	27	1.9	UCAC2 38960967	13.88	7 ^h 15 ^m 26.104 ^s 20°26'55.270''	60.3	169	158.4	-50.9	86.5	-3.2	71.3	208
2016/01/30 03:53:48	10113 1992 PX2	10.5	16.20	3.19	91	1.0	36°11'30'' 49°13'41''	184	2.5	UCAC2 32537891	13.07	9 ^h 48 ^m 12.883 ^s 2°28'20.658''	10.6	261	158.6	-12.5	51.0	30.7	68.4	128
2016/01/30 17:02:08	43091 1999 XL1	6.0	17.52	5.77	87	0.6	35°50'20'' 50°46'23''	338	1.4	UCAC2 35735147	11.75	7 ^h 11 ^m 20.267 ^s 11°24'46.110''	35.8	119	155.4	-25.5	97.0	-36.8	63.5	142

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 10		LinOccult 2.2.0 BETA				
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}
2016/01/30 20:59:43	4826 Wilhelms	11.0	16.69	2.95	59	1.0	36°47'49'' 50°28'02''	38	2.7 3.0	UCAC2 42909402	13.82	6 ^h 28 ^m 33.079 ^s 31°36'55.134''	64.7	233	145.1	-56.4	109.6	-2.4	62.0	148
2016/01/31 01:56:36	1606 Jekhovsky	26.1	17.57	3.88	75	0.8	35°18'35'' 49°48'52''	250	4.5 4.8	UCAC2 25106117	13.72	16 ^h 32 ^m 50.839 ^s −17°30'26.629''	8.0	130	61.3	-31.1	40.3	30.9	60.1	219
2016/01/31 14:25:58	6914 Beckerel	8.7	17.22	5.21	92	0.7	35°32'22'' 50°43'12''	325	1.9 2.3	TYC 190001479	12.02	7 ^h 12 ^m 16.718 ^s 25°16'23.894''	22.2	77	155.2	-0.9	108.4	-49.0	55.3	148
2016/01/31 23:44:19	1681 Steinmetz	22.0	15.11	1.59	124	3.9	37°42'43'' 50°41'24''	55	4.2 7.8	UCAC2 36474653	13.80	11 ^h 35 ^m 57.442 ^s 13°17'55.142''	52.4	162	141.1	-49.9	50.3	12.2	51.7	112