

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: 107

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}
2016/09/01 01:31:46	1487 Boda	29.2	17.47	3.97	198	1.4	37°13'14" 48°22'23"	160	3.3 4.5	UCAC2 39442909	13.52	5 ^h 16 ^m 11.790 ^s 21°41'18.285"	48.4	118	79.0	-12.4	75.3	-9.7	0.1	262
2016/09/01 18:04:30	10819 Ma-hakala	6.3	18.85	7.12	108	0.6	35°33'27" 50°53'59"	331	1.1 1.2	UCAC2 21829208	11.73	17 ^h 40 ^m 40.560 ^s -24°48'48.792"	12.4	202	106.1	-16.5	101.8	-15.6	0.1	207
2016/09/01 19:56:17	159 Aemilia	125.0	13.26	3.06	137	11.6	34°51'29" 50°52'19"	312	20.4 26.7	TYC 634900855	10.26	21 ^h 00 ^m 38.180 ^s -17°56'50.104"	22.1	182	152.8	-28.4	147.6	-28.5	0.2	183
2016/09/02 17:01:25	3142 Kilopi	12.0	16.60	4.31	23	1.6	36°24'12" 50°14'16"	21	3.1 3.1	UCAC2 23025387	12.31	20 ^h 16 ^m 59.102 ^s -22°04'14.495"	13.1	151	141.0	-7.9	125.8	-2.6	1.8	152
2016/09/02 20:38:42	61348 2000 PF8	5.8	18.30	7.72	43	0.8	35°42'42" 50°08'56"	285	1.3 1.3	TYC 510700318	10.58	18 ^h 28 ^m 10.349 ^s -4°00'32.360"	20.4	236	115.3	-31.3	98.8	-31.9	2.2	171
2016/09/02 23:38:05	1793 Zoya	18.6	16.88	2.96	199	1.6	37°34'58" 48°28'23"	152	2.1 4.8	UCAC2 39091542	13.99	3 ^h 54 ^m 23.297 ^s 20°36'35.084"	44.0	113	99.9	-26.5	118.3	-37.1	2.6	153
2016/09/02 23:42:26	1693 Hertzprung	38.7	16.69	5.19	195	2.1	34°34'30" 51°25'25"	321	4.5 6.1	TYC 130801877	11.51	5 ^h 25 ^m 32.935 ^s 21°37'33.845"	31.1	93	78.7	-26.1	97.2	-36.9	2.6	253
2016/09/03 02:19:13	212 Medea	136.1	14.08	0.98	118	3.8	35°52'17" 51°04'36"	345	19.0 21.1	UCAC2 40177651	13.66	7 ^h 35 ^m 23.586 ^s 23°49'10.593"	37.1	96	49.1	-5.9	68.7	-21.9	3.0	254
2016/09/03 18:20:20	61676 2000 QM123	5.5	18.59	7.65	231	0.5	39°30'04" 49°54'31"	94	0.5 1.2	TYC 45700345	10.94	18 ^h 59 ^m 04.935 ^s 5°20'39.423"	44.7	194	120.7	-19.2	96.0	-11.1	5.6	179
2016/09/03 23:21:11	402 Chloe	54.2	14.02	0.89	99	3.2	36°13'09" 49°09'42"	183	10.5 12.3	UCAC2 34962539	13.76	4 ^h 40 ^m 11.849 ^s 9°05'58.393"	26.1	108	91.8	-28.3	121.1	-42.2	6.6	175
2016/09/04 18:43:16	1014 Sem-phyra	13.8	16.51	3.31	27	1.4	36°30'29" 49°51'07"	144	3.2 3.2	UCAC2 33861358	13.25	0 ^h 28 ^m 01.765 ^s 6°24'20.782"	20.5	105	153.3	-22.4	166.5	-10.9	10.9	171
2016/09/04 19:25:53	1841 Masaryk	40.6	17.12	3.42	43	3.3	36°45'12" 49°48'13"	129	6.3 6.4	UCAC2 39436023	13.75	4 ^h 23 ^m 56.763 ^s 21°53'55.814"	2.5	58	94.6	-26.9	133.3	-17.6	11.1	253
2016/09/04 20:16:42	921 Jovita	58.5	15.62	2.58	146	11.8	36°36'46" 51°20'24"	9	8.9 11.4	UCAC2 36937844	13.15	2 ^h 50 ^m 14.272 ^s 14°50'20.878"	19.2	90	117.9	-30.9	157.1	-25.2	11.4	203
2016/09/05 16:19:53	19028 2000 SC165	12.0	17.10	5.72	93	1.8	36°22'35" 49°13'06"	176	2.4 2.7	TYC 575800227	11.39	20 ^h 26 ^m 05.588 ^s -9°31'44.260"	21.1	137	142.2	-2.5	94.2	14.5	16.9	175
2016/09/05 23:05:24	1059 Mus-sorgskia	21.9	15.87	2.09	233	2.8	36°27'57" 52°08'02"	3	2.1 4.8	UCAC2 37482503	13.95	3 ^h 45 ^m 30.752 ^s 16°17'43.719"	38.8	113	105.7	-30.2	157.2	-44.0	19.0	181
2016/09/05 23:07:32	1383 Limburgia	22.3	17.56	6.39	43	0.9	36°12'52" 50°26'03"	353	3.8 3.9	UCAC2 39985959	11.17	6 ^h 00 ^m 53.953 ^s 23°23'47.815"	23.0	81	73.4	-30.0	124.7	-44.2	19.0	230
2016/09/06 01:51:39	40208 1998 SK53	5.8	19.76	8.71	151	0.6	34°56'21" 49°00'29"	220	0.8 0.9	TYC 66100236	11.05	3 ^h 53 ^m 43.803 ^s 11°52'55.411"	51.4	166	104.7	-10.8	157.3	-48.0	19.8	243
2016/09/06 18:58:39	32305 2000 QD28	5.2	19.38	8.02	124	0.6	34°48'31" 49°28'24"	239	0.8 0.9	TYC 739601231	11.36	18 ^h 11 ^m 39.025 ^s -32°50'49.748"	1.8	208	107.9	-24.9	49.7	-4.9	25.4	239
2016/09/07 03:03:10	20984 1981 EH33	5.0	19.45	10.02	143	1.1	38°11'03" 50°28'56"	70	0.8 1.0	TYC 65400396	9.43	3 ^h 08 ^m 21.169 ^s 13°17'34.535"	49.4	213	116.3	-0.0	179.2	-49.1	28.3	202
2016/09/07 16:45:02	64677 2001 XG68	5.2	18.60	7.31	80	0.5	35°14'17" 49°47'40"	249	1.1 1.2	UCAC2 22064055	11.29	18 ^h 03 ^m 46.157 ^s -24°21'49.543"	15.6	184	105.6	-7.1	35.8	16.8	33.3	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}
2016/09/07 19:32:39	1181 Lilith	19.1	15.94	3.56	22	31.3	36°01'04'' 50°08'08''	297	4.8	UCAC2 25420347	12.43	19 ^h 12 ^m 11.655 ^s −17°09'12.330''	18.3	209	121.7	-28.7	49.0	-5.3	35.3	158
2016/09/07 21:20:23	3164 Prast	19.1	17.38	5.26	164	2.1	34°46'56'' 51°09'56''	319	2.8	UCAC2 33161702	12.13	1 ^h 09 ^m 00.730 ^s 4°25'42.379''	36.5	137	147.7	-34.3	139.8	-22.1	35.0	184
2016/09/08 00:35:43	880 Herba	36.0	14.12	1.20	109	6.7	36°11'07'' 49°04'11''	184	7.9	UCAC2 37462584	13.36	21 ^h 42 ^m 00.538 ^s 15°40'03.389''	26.6	263	150.0	-21.7	91.3	-49.4	36.4	97
2016/09/08 00:41:34	4218 Demot-toni	5.8	16.34	7.48	204	0.6	37°15'47'' 48°19'56''	160	0.0	HIP 113737	8.86	23 ^h 02 ^m 03.197 ^s 0°23'55.052''	25.5	236	173.8	-21.0	106.6	-50.0	36.3	58
2016/09/08 01:05:29	7814 1986 CF2	10.0	16.46	3.90	11	1.1	36°25'54'' 50°04'13''	76	2.5	UCAC2 44253166	12.59	1 ^h 58 ^m 42.254 ^s 35°58'47.832''	74.2	212	122.0	-17.8	146.7	-52.1	36.4	156
2016/09/08 02:15:39	1139 Atami	10.4	14.99	3.30	218	0.6	36°35'07'' 51°59'43''	6	0.1	UCAC2 40303356	11.74	4 ^h 21 ^m 33.308 ^s 24°08'35.817''	63.7	164	98.0	-7.7	169.2	-55.3	36.9	76
2016/09/08 16:06:08	57915 2002 EB110	10.5	20.44	9.28	131	0.6	34°30'20'' 50°20'20''	284	0.8	TYC 735100471	11.16	16 ^h 14 ^m 24.237 ^s −34°14'15.151''	3.5	198	81.9	-1.4	18.2	21.6	42.3	509
2016/09/08 22:19:28	893 Leopold-ina	76.1	14.82	1.57	144	3.7	36°22'16'' 48°45'34''	178	11.6	UCAC2 33701926	13.54	5 ^h 33 ^m 36.533 ^s 5°49'09.720''	8.4	91	83.6	-33.8	162.5	-25.7	44.8	202
2016/09/10 02:09:32	1674 Groen-evel	27.4	16.71	5.83	85	0.9	36°43'01'' 49°20'05''	159	4.4	TYC 134200316	10.88	6 ^h 47 ^m 48.022 ^s 22°23'52.179''	46.3	113	66.5	-9.1	162.6	-52.2	55.9	231
2016/09/11 00:44:49	1623 Vivian	34.1	16.77	6.79	131	1.1	35°53'33'' 51°12'04''	348	5.1	TYC 135602546	9.98	7 ^h 02 ^m 36.825 ^s 21°29'38.079''	30.6	92	64.0	-21.4	170.6	-34.3	65.0	223
2016/09/11 17:51:33	19024 2000 SS112	5.8	17.55	6.54	188	0.7	35°34'50'' 51°40'22''	344	0.7	TYC 1000742	11.01	0 ^h 31 ^m 00.557 ^s 1°33'55.492''	12.5	103	161.4	-18.3	83.0	21.4	71.7	155
2016/09/11 18:17:16	53325 1999 JN21	5.8	17.62	6.39	86	0.5	37°15'47'' 49°35'55''	126	1.2	HIP 113244	11.23	22 ^h 55 ^m 57.219 ^s 5°45'13.834''	33.5	127	168.3	-21.8	62.1	20.5	71.9	160
2016/09/11 22:05:27	6928 Lanna	6.6	16.92	4.80	160	1.1	35°44'11'' 51°26'20''	346	0.9	TYC 122801784	12.13	3 ^h 03 ^m 51.939 ^s 18°38'03.015''	41.4	113	120.5	-35.4	121.4	-2.1	73.4	119
2016/09/11 22:19:03	2345 Fucik	26.6	15.60	2.70	262	3.1	34°48'25'' 52°12'35''	336	2.0	UCAC2 28116843	13.00	21 ^h 13 ^m 04.933 ^s −10°40'02.312''	18.2	226	147.7	-34.9	30.0	-4.0	73.5	178
2016/09/12 18:33:54	1584 Fuji	21.7	15.67	1.89	113	2.7	37°48'24'' 49°46'49''	105	4.0	UCAC2 22099362	13.99	19 ^h 00 ^m 31.312 ^s −24°19'33.157''	13.3	200	113.6	-24.2	15.3	22.9	80.7	177
2016/09/12 19:18:42	7814 1986 CF2	10.0	16.38	3.24	246	1.2	36°51'05'' 52°13'39''	9	0.7	UCAC2 44606071	13.19	1 ^h 57 ^m 51.437 ^s 36°50'59.266''	38.7	76	125.7	-29.3	99.7	21.4	81.0	153
2016/09/12 19:42:04	1139 Atami	10.4	14.89	2.50	170	0.6	37°47'37'' 48°52'13''	141	0.4	UCAC2 40139299	12.50	4 ^h 33 ^m 40.754 ^s 23°39'47.968''	9.3	64	99.9	-31.4	131.2	20.1	81.2	73
2016/09/12 20:00:49	620 Drakonia	18.4	13.91	2.51	242	2.6	36°31'20'' 47°52'33''	176	0.3	TYC 1701238	11.52	0 ^h 44 ^m 58.252 ^s 5°24'42.265''	33.1	127	157.8	-32.9	73.6	18.8	81.3	94
2016/09/13 01:47:47	1793 Zoya	18.6	16.70	5.28	211	2.5	35°37'13'' 51°53'52''	347	1.8	TYC 126201472	11.43	4 ^h 01 ^m 17.083 ^s 20°52'36.243''	60.9	171	108.0	-13.1	120.2	-26.6	83.2	144
2016/09/13 02:19:51	821 Fanny	14.2	18.04	4.37	231	0.5	36°33'52'' 47°59'04''	175	1.5	UCAC2 38240356	13.69	7 ^h 08 ^m 54.290 ^s 18°10'17.969''	43.1	117	64.2	-8.2	163.9	-31.5	83.4	271

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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}
2016/09/13 20:49:39	23860 1998 RU56	5.5	18.31	6.68	100	1.4	35°10'06'' 50°35'40''	307	1.2	TYC 63600199	11.64	2 ^h 09 ^m 58.899 ^s 14°04'53.311''	35.7	113	136.1	-36.0	82.3	21.3	89.1	152
2016/09/14 02:45:33	502 Sigure	16.0	15.48	3.11	75	0.8	35°51'39'' 49°26'07''	204	3.5	TYC 477100361	12.43	5 ^h 39 ^m 01.748 ^s −3°19'38.136''	35.5	163	87.6	-4.5	124.6	-25.4	90.8	164
2016/09/14 18:20:33	31219 1998 BW24	7.2	18.77	6.90	159	1.7	38°28'53'' 49°48'37''	100	1.0	UCAC2 22589036	11.87	20 ^h 13 ^m 43.543 ^s −23°26'20.154''	16.6	182	128.2	-23.3	25.4	25.7	94.6	216
2016/09/15 00:30:18	3269 Vibert-Douglas	10.5	16.80	2.91	96	0.8	34°59'32'' 50°16'41''	285	2.2	UCAC2 44618488	13.97	3 ^h 55 ^m 14.530 ^s 36°50'03.449''	70.4	124	107.2	-24.4	95.2	5.5	95.8	156
2016/09/15 02:22:37	2115 Irakli	21.1	15.49	1.77	162	1.7	36°40'02'' 51°28'44''	10	3.1	UCAC2 33856856	13.96	22 ^h 43 ^m 19.607 ^s 5°38'17.445''	7.2	270	165.0	-8.3	18.6	-11.2	96.2	189
2016/09/15 16:00:07	1264 Letaba	74.7	14.05	0.98	178	8.0	38°23'06'' 50°55'42''	57	9.7	UCAC2 36529983	13.63	19 ^h 39 ^m 55.927 ^s 13°25'10.704''	48.8	144	119.7	-2.9	49.1	7.5	98.3	144
2016/09/15 16:12:52	65210 Stichiuis	13.2	19.84	7.71	148	0.6	35°01'56'' 51°06'28''	323	1.1	UCAC2 18202090	12.13	15 ^h 52 ^m 18.026 ^s −32°02'24.954''	1.9	210	70.2	-4.9	95.1	9.3	98.3	461
2016/09/16 17:41:39	26367 1999 CD1	5.0	16.95	6.51	242	0.6	37°34'52'' 48°02'37''	157	0.2	TYC 172500830	10.44	23 ^h 55 ^m 01.020 ^s 18°57'00.465''	33.0	100	158.2	-18.8	23.1	18.0	100.0	110
2016/09/16 17:46:40	1394 Algoa	15.8	15.95	3.60	187	1.0	37°03'56'' 48°26'55''	163	1.9	UCAC2 23695921	12.39	18 ^h 03 ^m 24.892 ^s −20°38'51.289''	15.1	207	96.7	-19.5	82.5	18.6	100.0	146
2016/09/16 18:39:31	1554 Yu-goslavia	18.2	14.91	1.54	116	2.4	34°48'22'' 49°38'09''	247	3.8	UCAC2 30595332	13.66	19 ^h 33 ^m 47.258 ^s −3°54'50.990''	33.8	203	119.0	-26.4	61.2	25.4	100.0	121
2016/09/16 20:18:15	43235 2000 AX197	5.8	18.79	8.00	197	0.5	37°26'42'' 48°26'58''	155	0.7	TYC 626501357	10.79	18 ^h 21 ^m 06.608 ^s −16°06'36.672''	4.6	238	100.9	-35.7	79.9	34.7	100.0	200
2016/09/16 21:17:47	1251 Hedera	26.3	14.11	1.74	5	10.4	36°13'49'' 50°04'11''	302	8.5	UCAC2 24738921	12.61	20 ^h 56 ^m 33.572 ^s −18°36'41.115''	13.7	217	137.1	-37.8	44.5	37.1	100.0	123
2016/09/16 23:25:44	3113 Chizhevskij	7.6	16.61	4.72	214	2.4	39°01'54'' 49°18'40''	113	0.4	TYC 63400007	11.90	2 ^h 20 ^m 22.034 ^s 12°02'11.011''	51.1	163	137.4	-32.1	39.9	32.9	99.9	112
2016/09/17 00:21:50	5692 Shirao	10.5	18.25	5.71	171	0.7	35°59'17'' 48°31'37''	187	1.4	UCAC2 36063913	12.55	5 ^h 35 ^m 33.816 ^s 12°01'01.890''	36.8	119	90.4	-26.0	86.3	27.5	99.9	222
2016/09/17 00:32:29	27186 1999 CA39	6.6	17.68	6.83	19	0.7	36°12'05'' 50°12'20''	341	1.7	TYC 1900179	10.85	1 ^h 01 ^m 07.856 ^s 2°12'58.330''	37.7	213	159.0	-24.7	17.6	26.3	99.9	158
2016/09/17 02:20:50	2147 Kharadze	29.0	18.10	6.45	56	0.7	36°56'04'' 49°45'56''	124	4.0	TYC 82500350	11.65	9 ^h 15 ^m 07.460 ^s 13°09'35.756''	22.4	96	37.3	-9.1	138.4	12.0	99.9	284
2016/09/17 17:00:33	31062 1996 TP10	12.6	17.19	3.90	248	3.5	39°45'47'' 50°04'21''	89	1.1	UCAC2 18071882	13.32	19 ^h 55 ^m 29.322 ^s −32°51'30.162''	6.7	171	118.8	-13.1	72.7	7.6	98.8	186
2016/09/17 22:31:02	1852 Carpen-ter	22.9	17.07	3.84	206	0.7	36°30'27'' 48°12'18''	176	2.6	UCAC2 39311390	13.26	8 ^h 20 ^m 25.073 ^s 21°20'57.515''	2.1	59	52.9	-36.5	111.5	42.2	98.1	251
2016/09/18 01:01:02	2405 Welch	25.4	17.80	4.81	140	0.8	36°47'08'' 48°49'47''	165	3.6	UCAC2 38964569	13.00	7 ^h 35 ^m 36.158 ^s 20°27'51.159''	31.6	95	63.0	-21.2	99.7	33.5	97.7	240
2016/09/18 15:45:34	5326 Vittorio-sacco	9.5	16.82	4.55	199	0.7	34°19'49'' 48°47'38''	225	1.1	TYC 569702137	12.29	18 ^h 47 ^m 42.430 ^s −9°41'07.759''	29.6	167	105.7	-1.6	100.1	-8.9	95.0	162

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2016/09/20 18:01:14	3796 Lene	13.8	15.58	1.98	78	1.7	35°28'15" 50°31'14"	312	3.5	UCAC2 31789731	13.79	22 ^h 14 ^m 30.603 ^s 0° - 8°35.580"	34.9	146	155.5	-23.0	78.2	1.1	78.9	133	
2016/09/20 19:00:29	17678 1997 AG3	7.2	17.44	6.85	89	0.7	35°29'32" 50°39'40"	320	1.5	TYC 582300580	10.59	23 ^h 01 ^m 48.265 ^s -10°59'25.749"	25.6	154	163.7	-30.4	70.6	10.1	78.5	160	
2016/09/20 20:01:08	5647 1990 TZ	12.6	16.60	2.91	230	1.1	33°52'53" 51°26'46"	312	1.3	UCAC2 37455897	13.77	20 ^h 57 ^m 40.387 ^s 15°43'53.254"	51.4	216	133.7	-36.1	94.0	19.6	78.1	221	
2016/09/20 23:57:50	4029 Bridges	9.1	18.23	6.65	87	0.6	36°38'03" 49°18'10"	163	1.6	UCAC2 38937611	11.58	5 ^h 57 ^m 44.737 ^s 20°12'40.572"	38.7	105	88.7	-30.0	33.2	51.3	76.5	204	
2016/09/21 01:38:42	43168 1999 XO161	5.0	17.48	5.46	183	0.5	36°29'06" 51°41'19"	4	0.6	TYC 172301020	12.03	23 ^h 38 ^m 26.201 ^s 18°46'46.199"	29.2	265	160.1	-16.5	58.9	54.5	75.7	137	
2016/09/21 03:08:57	3455 Kris- tensen	7.9	17.53	8.27	225	0.6	36°42'50" 52°03'08"	8	0.7	TYC 130400456	9.26	5 ^h 25 ^m 34.414 ^s 19°20'26.844"	59.5	185	96.5	-2.4	23.7	48.6	75.2	148	
2016/09/21 16:09:12	54568 2000 QO152	5.2	17.64	6.08	178	0.5	37°57'18" 48°52'09"	138	0.7	UCAC2 31612031	11.56	23 ^h 16 ^m 24.466 ^s 0° - 39°26.636"	12.5	106	170.1	-6.5	76.7	-17.3	69.5	150	
2016/09/21 16:24:52	4369 Seifert	13.8	14.23	1.19	229	2.5	34°45'59" 51°52'00"	332	0.5	UCAC2 41651200	13.48	0 ^h 41 ^m 48.292 ^s 28°12'45.739"	23.1	73	149.2	-8.9	51.5	-15.8	69.5	106	
2016/09/22 02:43:55	1999 Hi- rayama	34.0	16.72	2.96	255	0.9	36°14'36" 52°20'10"	359	3.2	UCAC2 35932232	13.83	8 ^h 53 ^m 12.537 ^s 11°54'05.814"	31.5	111	47.2	-6.7	59.8	56.7	64.7	269	
2016/09/22 17:23:24	5683 Bifuku- monin	6.0	16.71	7.53	51	0.7	36°55'41" 49°50'41"	116	2.1	HIP 96293	9.18	19 ^h 34 ^m 44.631 ^s -28°49'22.801"	11.1	185	110.7	-18.3	147.7	-14.1	57.9	101	
2016/09/22 18:58:48	17650 1996 UH5	5.2	16.75	4.10	237	0.6	33°00'50" 50°24'42"	280	0.1	TYC 118800074	12.67	0 ^h 44 ^m 08.039 ^s 16°42'42.778"	39.3	113	160.0	-31.0	66.8	-3.2	57.1	101	
2016/09/22 22:43:40	7895 Kaseda	17.4	17.26	3.85	181	0.7	37°38'12" 48°40'40"	148	2.2	UCAC2 36631022	13.44	7 ^h 18 ^m 55.409 ^s 13°33'42.072"	10.2	81	71.0	-37.5	25.3	30.2	55.4	243	
2016/09/23 01:01:46	1533 Saimaa	26.1	16.60	3.10	187	1.1	36°08'46" 48°22'19"	183	3.2	UCAC2 36273102	13.57	6 ^h 57 ^m 48.087 ^s 12°48'07.286"	34.8	114	76.1	-22.4	19.3	49.8	54.3	236	
2016/09/23 02:42:12	1060 Magno- lia	10.0	17.11	3.51	99	0.8	36°05'11" 49°09'59"	188	2.1	UCAC2 39273625	13.64	5 ^h 35 ^m 04.302 ^s 21°12'37.325"	61.2	171	96.1	-7.2	3.8	57.9	53.5	150	
2016/09/23 20:08:13	87925 2000 SG319	6.3	17.55	6.17	224	0.7	37°26'53" 48°11'03"	158	0.5	TYC 571701202	11.39	19 ^h 22 ^m 46.701 ^s -12°39'31.083"	13.3	231	109.2	-37.8	165.3	-1.1	45.5	133	
2016/09/24 00:57:26	45 Eugenia	214.6	13.03	2.19	148	17.5	36°11'32" 48°43'17"	183	32.1	TYC 129800763	11.00	5 ^h 39 ^m 27.427 ^s 16°06'27.080"	48.1	133	96.1	-23.3	14.3	42.0	43.2	197	
2016/09/24 02:10:41	919 Ilsebill	27.6	17.12	3.48	136	0.7	36°09'50" 51°16'04"	356	3.7	UCAC2 35024932	13.68	9 ^h 12 ^m 44.314 ^s 9°27'21.634"	22.7	103	43.9	-12.4	37.7	51.4	42.6	259	
2016/09/24 18:43:38	5917 Chibasai	12.0	16.68	4.87	70	0.6	36°36'51" 49°27'19"	160	1.8	UCAC2 25375377	11.82	18 ^h 05 ^m 23.043 ^s -17°23'16.901"	9.6	228	89.4	-30.0	162.1	-16.9	35.3	257	
2016/09/24 21:41:12	12743 1992 PL2	12.6	17.80	5.73	234	1.9	37°33'08" 51°59'24"	23	1.3	UCAC2 46648790	12.07	3 ^h 17 ^m 39.042 ^s 43°10'35.346"	59.7	86	120.1	-40.8	58.0	3.6	34.1	224	
2016/09/25 01:02:36	303 Josephina	99.3	14.18	2.86	107	11.7	35°11'59" 50°42'59"	314	17.8	UCAC2 42367633	11.40	4 ^h 52 ^m 34.673 ^s 30°19'16.656"	66.8	141	106.6	-22.8	39.1	34.0	32.6	188	

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}
2016/09/25 02:55:06	1462 Zamenhof	25.8	17.07	3.35	67	0.6	35°35'49" 49°38'15"	227	3.3 3.4	UCAC2 35214405	13.77	10 ^h 33 ^m 13.244 ^s 9°46'49.975"	17.9	96	26.0	-5.6	42.7	49.4	31.8	300
2016/09/25 17:16:00	24101 Cassini	8.7	15.96	3.10	47	0.8	36°56'18" 50°06'21"	82	2.9 3.1	TYC 523700967	12.92	22 ^h 45 ^m 34.239 ^s -4°41'48.030"	24.9	134	158.0	-18.3	140.7	-23.7	26.0	111
2016/09/25 19:39:00	3439 Lebofsky	11.5	17.98	5.10	79	0.8	35°37'27" 50°37'10"	323	2.0 2.1	UCAC2 41514854	12.88	6 ^h 17 ^m 49.589 ^s 27°57'37.983"	5.1	51	89.0	-36.3	30.1	-18.3	25.1	217
2016/09/25 22:33:51	1130 Skuld	13.2	16.32	3.01	241	0.9	34°41'47" 51°57'58"	332	1.0 3.5	UCAC2 39636667	13.38	6 ^h 07 ^m 57.491 ^s 22°15'23.903"	28.3	88	91.2	-39.2	32.8	2.2	24.0	151
2016/09/25 23:47:06	3280 Gretry	11.0	14.91	2.96	77	1.3	36°30'54" 49°22'27"	168	3.2 4.2	UCAC2 33861348	12.02	0 ^h 27 ^m 40.592 ^s 6°18'27.845"	39.2	222	173.5	-32.8	116.5	13.0	23.5	105
2016/09/25 23:47:06	3280 Gretry	11.0	14.91	3.25	77	1.3	36°30'54" 49°22'27"	168	3.2 4.2	TYC 901017	11.71	0 ^h 27 ^m 40.592 ^s 6°18'27.845"	39.2	222	173.5	-32.8	116.5	13.0	23.5	105
2016/09/26 01:05:45	495 Eulalia	38.9	15.01	3.84	211	2.7	35°46'04" 51°54'59"	350	3.6 11.1	TYC 131000908	11.20	5 ^h 43 ^m 58.014 ^s 21°12'57.017"	53.9	132	96.9	-22.7	39.7	25.1	23.0	140
2016/09/26 01:08:44	58875 HS119	6.0	16.82	5.86	26	0.7	36°24'27" 49°49'40"	161	1.8 1.9	TYC 641400709	10.96	0 ^h 26 ^m 03.228 ^s -23°43'15.829"	3.0	226	154.7	-22.2	124.3	25.6	23.0	129
2016/09/26 20:50:48	613 Ginevra	80.0	14.35	2.20	173	20.7	37°19'49" 51°27'11"	25	11.1 20.1	UCAC2 41317746	12.30	3 ^h 38 ^m 12.783 ^s 27°08'37.939"	39.9	94	124.9	-41.2	78.2	-18.7	16.3	157
2016/09/27 00:39:06	500 Selinur	43.9	14.13	2.94	61	2.3	35°59'10" 50°33'44"	339	9.3 9.9	TYC 190501130	11.26	6 ^h 49 ^m 47.270 ^s 28°32'53.254"	46.8	100	83.2	-26.7	38.4	11.3	15.0	176
2016/09/27 01:20:49	1985 Hopmann	35.5	16.76	3.51	140	2.2	35°16'35" 51°07'31"	329	5.1 6.1	UCAC2 44817683	13.29	6 ^h 25 ^m 38.793 ^s 37°02'27.057"	62.8	105	88.9	-20.7	46.2	17.7	14.8	233
2016/09/27 19:08:20	17117 JL58	10.0	17.59	5.20	174	0.8	37°32'31" 48°42'36"	149	1.4 2.1	UCAC2 19783655	12.40	19 ^h 14 ^m 04.017 ^s -29°25'31.635"	2.4	216	101.2	-34.0	137.1	-29.3	9.9	191
2016/09/27 23:01:12	3714 Kenrusell	11.1	16.10	2.92	210	1.5	39°12'28" 50°16'05"	83	0.8 3.7	UCAC2 40468601	13.25	4 ^h 02 ^m 36.891 ^s 24°36'12.119"	54.7	124	121.5	-37.9	87.0	-12.3	8.9	119
2016/09/27 23:46:39	2679 Kittisvaara	13.2	16.85	4.68	89	0.7	36°27'30" 49°15'35"	172	2.5 2.8	UCAC2 37329327	12.18	6 ^h 20 ^m 47.859 ^s 15°48'25.289"	34.3	107	90.0	-33.5	56.0	-6.1	8.7	188
2016/09/28 00:57:36	147 Protogeneia	132.9	14.82	1.50	79	5.5	36°30'15" 49°21'01"	169	20.2 21.2	UCAC2 39136450	13.64	7 ^h 39 ^m 04.628 ^s 20°38'13.759"	36.9	102	72.0	-24.4	38.4	4.3	8.4	247
2016/09/28 18:49:14	63109 WK154	5.0	18.34	8.74	216	0.6	35°23'33" 51°54'17"	343	0.5 1.1	TYC 121301560	9.60	1 ^h 59 ^m 07.690 ^s 20°06'27.007"	32.4	97	150.2	-32.2	125.6	-31.2	4.8	176
2016/09/28 19:23:30	20490 OW2	9.1	16.45	4.48	44	1.1	36°17'02" 49°39'03"	180	2.7 2.8	UCAC2 47878061	11.99	2 ^h 25 ^m 51.268 ^s 48°37'43.008"	51.1	68	126.5	-36.0	106.8	-32.5	4.6	129
2016/09/29 01:10:18	1576 Fabiola	27.2	17.06	3.69	136	0.7	35°44'05" 48°52'38"	197	3.2 3.5	UCAC2 35577168	13.41	10 ^h 11 ^m 48.914 ^s 10°47'26.277"	7.7	82	35.1	-22.8	13.1	-3.5	3.7	309
2016/09/29 01:28:54	26991 WZ30	6.6	18.39	5.98	51	0.7	36°03'42" 50°28'52"	342	1.5 1.5	TYC 130903062	12.42	5 ^h 28 ^m 31.363 ^s 22°00'10.768"	59.7	151	103.4	-20.1	81.5	-0.7	3.6	172
2016/09/29 17:57:36	6861 FA3	12.0	18.15	5.09	163	1.9	35°10'53" 51°20'18"	331	1.6 2.1	UCAC2 42543257	13.07	5 ^h 01 ^m 43.913 ^s 30°46'10.563"	6.2	48	109.2	-25.8	95.0	-26.7	1.5	233

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			
Date Time (UTC)	Asteroid			Nearest point			Star				Sun		Moon			σ_{km}				
	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist		Alt	Phase (%)		
2016/09/29 21:00:09	28370 GK34	6.6	18.06	8.35	218	0.7	35°58'25" 51°59'59"	354	0.7 1.6	TYC 176901058	9.71	2 ^{<i>h</i>} 17 ^{<i>m</i>} 48.764 ^{<i>s</i>} 25°07'39.947"	54.0	121	144.8	-42.6	-36.7	1.2	165	
2016/09/30 02:01:51	304 Olga	67.9	14.73	1.80	42	3.8	36°05'46" 49°41'20"	199	15.3 15.7	UCAC2 33898669	13.16	6 ^{<i>h</i>} 47 ^{<i>m</i>} 38.100 ^{<i>s</i>} 6°19'54.291"	41.4	145	85.0	-15.3	-5.5	0.8	171	
2016/09/30 02:15:26	15518 VY153	7.6	17.86	6.80	117	0.5	35°51'51" 51°03'57"	345	1.4 1.7	TYC 468000115	11.06	0 ^{<i>h</i>} 55 ^{<i>m</i>} 22.598 ^{<i>s</i>} −6°59'14.327"	9.9	247	167.8	-13.1	-3.5	0.8	177	
2016/09/30 15:49:55	24510 BY31	9.1	18.85	8.15	195	0.9	33°40'43" 50°34'34"	288	1.1 1.5	TYC 335802854	10.70	5 ^{<i>h</i>} 25 ^{<i>m</i>} 41.589 ^{<i>s</i>} 46°41'34.797"	8.5	15	102.9	-6.5	-5.8	0.1	251	
2016/09/30 18:21:10	38421 RZ221	7.2	18.00	5.87	191	0.6	35°13'01" 51°37'23"	336	0.9 1.6	TYC 176001384	12.14	1 ^{<i>h</i>} 52 ^{<i>m</i>} 24.795 ^{<i>s</i>} 26°18'31.942"	34.7	89	149.2	-29.4	-27.8	0.1	180	
2016/09/30 19:51:26	9787 BA3	6.6	18.15	7.08	205	0.9	34°40'24" 51°34'48"	326	0.7 1.6	TYC 581000150	11.07	22 ^{<i>h</i>} 21 ^{<i>m</i>} 29.421 ^{<i>s</i>} −12°30'04.498"	27.1	190	144.7	-39.3	-37.1	0.1	167	
2016/09/30 21:12:05	6552 Higin- son	6.0	18.30	9.46	189	2.3	34°10'38" 51°05'10"	307	0.4 2.5	HIP 106101	8.84	21 ^{<i>h</i>} 29 ^{<i>m</i>} 32.382 ^{<i>s</i>} −19°46'08.910"	11.0	220	130.3	-43.2	-40.7	0.0	97	