

## 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  $M_v = 14.00$   
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: 122

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 (%)	$\sigma_{km}$
2016/03/01 01:25:38	32528 2001 OZ105	10.5	18.13	4.29	184	1.2	38°45'16'' 50°33'07''	72	1.3 1.9	UCAC2 18680549	13.86	15 <sup>h</sup> 25 <sup>m</sup> 23.042 <sup>s</sup> −31°05'03.417''	8.0	168	103.5	−28.0	17.4	21.8	58.9	219
2016/03/01 15:39:13	7305 Ossa-justo	12.6	17.82	4.63	10	2.2	36°09'60'' 50°00'20''	241	2.3 2.3	UCAC2 42217609	13.20	6 <sup>h</sup> 35 <sup>m</sup> 17.543 <sup>s</sup> 29°47'40.206''	61.0	124	116.2	−4.5	147.9	−56.5	53.2	216
2016/03/01 16:02:31	76836 2000 SB310	12.0	20.05	6.16	251	1.3	33°37'56'' 51°33'38''	312	0.9 1.0	UCAC2 40340309	13.89	7 <sup>h</sup> 21 <sup>m</sup> 11.346 <sup>s</sup> 24°06'10.536''	53.5	123	127.2	−8.2	138.9	−55.8	53.1	488
2016/03/01 21:29:10	1522 Kakkola	10.8	15.60	2.25	176	1.7	35°39'31'' 48°31'05''	195	1.1 4.0	UCAC2 40854395	13.49	9 <sup>h</sup> 12 <sup>m</sup> 12.028 <sup>s</sup> 25°32'48.425''	61.0	221	150.0	−47.2	116.6	−13.6	50.8	108
2016/03/02 15:24:12	54148 2000 HS41	6.0	17.34	5.37	16	0.5	36°04'05'' 50°04'31''	281	1.7 1.8	UCAC2 40022078	11.97	10 <sup>h</sup> 51 <sup>m</sup> 44.762 <sup>s</sup> 23°12'20.604''	14.7	71	163.7	−1.8	102.7	−56.7	43.5	137
2016/03/02 18:38:23	6166 Uni-vsima	12.0	17.30	4.46	201	1.1	34°24'22'' 48°43'32''	222	1.4 2.5	UCAC2 44282094	12.85	5 <sup>h</sup> 35 <sup>m</sup> 13.594 <sup>s</sup> 35°57'31.758''	62.5	252	102.2	−32.0	161.7	−47.2	42.1	191
2016/03/02 20:59:24	6392 Takashimizuno	16.6	17.85	6.39	34	0.7	36°35'55'' 49°48'44''	140	1.7 1.7	TYC 124400759	11.47	3 <sup>h</sup> 13 <sup>m</sup> 59.404 <sup>s</sup> 22°28'00.812''	8.7	295	69.7	−45.9	147.8	−26.7	41.2	385
2016/03/02 21:46:09	31833 2000 AW123	5.2	18.72	7.21	236	0.7	35°41'41'' 52°07'56''	350	0.5 1.2	UCAC2 36607895	11.52	6 <sup>h</sup> 17 <sup>m</sup> 37.379 <sup>s</sup> 13°52'40.815''	23.8	263	111.5	−47.0	168.2	−19.4	40.9	174
2016/03/02 23:19:00	2518 Rutllant	7.2	15.72	3.28	42	0.8	36°45'18'' 50°16'14''	53	2.7 2.9	TYC 492200961	12.50	11 <sup>h</sup> 11 <sup>m</sup> 04.742 <sup>s</sup> −2°14'20.345''	35.3	204	170.2	−42.8	95.0	−5.4	40.2	98
2016/03/03 02:17:37	231615 2009 SK78	9.1	20.68	10.03	194	1.0	38°55'27'' 49°40'39''	102	0.7 0.7	TYC 559500200	10.65	15 <sup>h</sup> 28 <sup>m</sup> 09.105 <sup>s</sup> −8°31'49.813''	31.6	180	110.5	−19.3	33.8	15.9	39.0	496
2016/03/03 23:19:42	15580 2000 GE71	8.3	17.62	7.80	61	0.9	36°41'18'' 50°31'44''	28	1.9 2.1	TYC 72802973	9.82	5 <sup>h</sup> 57 <sup>m</sup> 28.078 <sup>s</sup> 14°26'27.263''	5.4	286	105.6	−42.3	171.7	−13.1	30.5	161
2016/03/03 23:25:13	16551 1991 RT14	7.9	17.49	5.73	11	1.0	36°17'21'' 50°08'48''	1	2.0 2.0	UCAC2 34447453	11.76	7 <sup>h</sup> 22 <sup>m</sup> 24.533 <sup>s</sup> 7°55'37.051''	13.1	267	126.2	−41.8	163.5	−12.2	30.4	155
2016/03/04 03:09:52	25909 2001 BU49	6.3	19.16	7.18	227	0.6	33°08'23'' 49°48'44''	263	0.7 1.2	UCAC2 19673925	11.99	15 <sup>h</sup> 43 <sup>m</sup> 55.944 <sup>s</sup> −29°23'11.636''	10.2	189	103.2	−10.7	41.2	15.9	28.8	215
2016/03/04 19:34:07	31256 1998 DM32	5.8	17.68	6.34	112	0.5	35°27'04'' 49°12'03''	212	1.2 1.6	TYC 608400273	11.35	11 <sup>h</sup> 17 <sup>m</sup> 12.869 <sup>s</sup> −17°23'40.083''	15.4	144	156.2	−38.3	111.0	−52.4	22.6	144
2016/03/05 00:40:16	38 Leda	115.9	13.91	1.44	240	7.5	34°32'47'' 48°13'11''	211	11.4 22.2	UCAC2 19944463	12.80	16 <sup>h</sup> 51 <sup>m</sup> 15.400 <sup>s</sup> −28°58'43.064''	2.2	143	89.7	−33.0	37.6	−8.3	20.6	205
2016/03/05 02:40:23	1632 Siebohme	26.7	16.89	3.34	263	0.9	36°57'23'' 52°22'05''	11	2.3 5.0	UCAC2 24686471	13.60	18 <sup>h</sup> 34 <sup>m</sup> 11.143 <sup>s</sup> −18°48'04.050''	13.2	142	66.7	−15.1	13.9	8.2	19.9	213
2016/03/05 03:07:40	3774 Megumi	19.1	17.00	3.49	44	0.6	36°21'23'' 50°26'19''	7	2.8 2.9	UCAC2 20961221	13.55	18 <sup>h</sup> 56 <sup>m</sup> 03.980 <sup>s</sup> −26°38'08.365''	6.5	147	62.3	−10.7	12.9	11.4	19.7	264
2016/03/05 15:53:09	4453 Born-holm	11.0	16.63	5.09	246	0.8	35°34'41'' 52°12'47''	348	0.9 2.7	TYC 26000987	11.55	10 <sup>h</sup> 42 <sup>m</sup> 29.749 <sup>s</sup> 6°40'11.994''	10.1	92	174.1	−5.7	139.8	−42.1	15.3	164
2016/03/05 16:02:47	15200 1975 SU	10.5	18.09	6.90	85	0.7	35°40'27'' 50°42'26''	329	1.8 1.9	TYC 69900412	11.20	5 <sup>h</sup> 16 <sup>m</sup> 38.095 <sup>s</sup> 9°02'05.843''	49.2	182	93.6	−7.2	138.8	−43.4	15.3	222
2016/03/05 18:56:19	3300 McGlasson	28.8	16.54	2.99	152	3.4	34°31'26'' 50°49'11''	304	3.8 4.5	UCAC2 47066175	13.62	7 <sup>h</sup> 17 <sup>m</sup> 35.256 <sup>s</sup> 44°33'20.141''	78.6	247	117.0	−33.5	149.2	−56.0	14.3	255

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		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 (%)	$\sigma_{km}$
2016/03/05 19:24:19	2313 Aruna	15.5	17.96	4.57	218	1.1	35°32'14" 48°08'49"	194	1.7	UCAC2 39269830	13.41	5 <sup>h</sup> 17 <sup>m</sup> 13.907 <sup>s</sup> 21°27'14.101"	40.5	254	94.6	-36.9	138.6	-55.3	14.2	194
2016/03/05 19:41:48	20502 RG11	8.7	17.04	6.79	185	0.7	35°30'50" 48°27'58"	197	1.1	TYC 88000520	10.25	12 <sup>h</sup> 30 <sup>m</sup> 04.212 <sup>s</sup> 12°48'37.109"	34.0	113	158.2	-38.8	117.6	-54.4	14.1	148
2016/03/05 22:37:08	17030 Sterks	7.6	17.56	5.63	156	0.7	35°00'51" 48°55'15"	216	1.2	UCAC2 33400325	11.94	11 <sup>h</sup> 55 <sup>m</sup> 53.718 <sup>s</sup> 4°48'09.253"	45.0	181	167.8	-44.5	125.7	-34.2	13.1	164
2016/03/05 23:04:09	15416 DZ2	11.5	17.14	5.58	211	1.7	38°26'36" 51°21'42"	46	1.3	UCAC2 34473682	11.56	14 <sup>h</sup> 20 <sup>m</sup> 38.467 <sup>s</sup> 7°31'58.307"	41.4	141	131.9	-42.8	91.7	-30.1	13.0	231
2016/03/06 03:48:33	191115 ES83	2002	20.42	7.75	176	1.0	34°02'10" 50°42'28"	295	0.9	UCAC2 32714595	12.67	15 <sup>h</sup> 30 <sup>m</sup> 40.880 <sup>s</sup> 2°48'00.574"	38.4	213	114.4	-3.8	76.3	11.6	11.5	488
2016/03/06 17:58:45	32615 QU277	2001	19.01	5.52	240	1.0	35°18'28" 52°06'41"	343	1.6	UCAC2 36235118	13.50	4 <sup>h</sup> 05 <sup>m</sup> 48.342 <sup>s</sup> 12°33'45.918"	35.2	245	75.7	-25.2	107.5	-48.1	7.6	424
2016/03/06 22:21:22	3376 Armand-hammer	11.0	16.74	5.10	82	1.5	35°53'25" 49°21'21"	200	2.6	UCAC2 37860127	11.65	6 <sup>h</sup> 18 <sup>m</sup> 13.276 <sup>s</sup> 17°23'32.583"	18.3	276	107.7	-44.8	137.2	-41.7	6.5	143
2016/03/06 22:36:36	1271 Isergina	44.3	15.66	3.08	68	6.4	35°51'35" 49°29'52"	207	8.8	UCAC2 39288917	12.65	6 <sup>h</sup> 26 <sup>m</sup> 48.325 <sup>s</sup> 21°29'08.383"	20.2	280	109.7	-44.1	138.9	-39.7	6.5	188
2016/03/07 16:49:23	2847 Parvati	10.0	17.42	5.35	174	0.6	36°29'10" 51°36'31"	5	1.4	UCAC2 39265391	12.08	4 <sup>h</sup> 47 <sup>m</sup> 02.233 <sup>s</sup> 21°03'17.104"	56.1	220	85.7	-14.2	104.7	-29.7	2.8	187
2016/03/07 19:57:29	3886 Shcherbakovia	10.0	16.92	5.02	174	0.8	35°02'28" 48°42'46"	211	1.4	UCAC2 34109445	11.91	10 <sup>h</sup> 21 <sup>m</sup> 36.699 <sup>s</sup> 6°39'04.413"	45.3	160	166.9	-39.7	175.3	-48.9	2.3	157
2016/03/07 21:56:55	144 Vibilia	141.8	12.63	0.52	54	19.9	36°32'39" 50°30'18"	20	33.0	UCAC2 40348833	13.16	8 <sup>h</sup> 49 <sup>m</sup> 39.126 <sup>s</sup> 24°00'13.353"	50.2	244	140.3	-45.0	155.5	-46.5	2.0	157
2016/03/08 15:28:21	362 Havnia	52.5	14.24	1.32	125	1.6	36°15'50" 51°10'07"	359	8.2	UCAC2 39087385	13.30	2 <sup>h</sup> 47 <sup>m</sup> 54.299 <sup>s</sup> 20°43'15.259"	50.9	234	57.6	-0.9	63.6	-5.9	0.3	214
2016/03/08 18:09:09	8824 Genta	6.3	17.97	6.06	69	0.5	36°37'18" 50°37'49"	20	1.5	TYC 186401260	11.92	6 <sup>h</sup> 04 <sup>m</sup> 12.395 <sup>s</sup> 22°42'56.069"	56.9	224	102.6	-26.1	107.1	-29.5	0.2	151
2016/03/08 22:41:44	40847 TU102	1999	17.94	9.15	179	0.8	35°34'16" 51°35'30"	343	0.7	TYC 77201741	8.80	7 <sup>h</sup> 30 <sup>m</sup> 05.635 <sup>s</sup> 11°51'48.596"	21.1	263	123.2	-43.1	125.3	-42.9	0.0	112
2016/03/09 17:53:20	266 Aline	109.1	14.00	1.65	278	2.8	37°30'43" 52°25'41"	18	8.9	UCAC2 36758399	12.61	2 <sup>h</sup> 29 <sup>m</sup> 12.324 <sup>s</sup> 14°17'17.199"	20.4	268	50.2	-23.5	40.9	-15.8	0.7	219
2016/03/09 18:11:24	246113 GY69	2007	21.72	9.72	194	1.2	35°17'44" 51°40'42"	339	0.5	TYC 131801074	12.00	6 <sup>h</sup> 09 <sup>m</sup> 25.461 <sup>s</sup> 18°15'54.825"	52.8	221	102.8	-26.2	93.4	-18.3	0.7	474
2016/03/09 19:38:25	1396 Outeniqua	10.9	15.64	3.06	37	1.8	36°15'39" 49°42'59"	183	3.4	UCAC2 39666500	12.64	8 <sup>h</sup> 46 <sup>m</sup> 03.573 <sup>s</sup> 22°09'19.119"	61.8	194	138.3	-37.2	128.1	-29.7	0.8	123
2016/03/09 21:51:30	1163 Saga	29.1	16.53	2.94	172	4.2	35°48'22" 48°31'59"	192	3.8	UCAC2 39118770	13.66	6 <sup>h</sup> 28 <sup>m</sup> 19.246 <sup>s</sup> 20°38'07.509"	25.2	273	107.1	-44.3	95.6	-39.9	1.0	231
2016/03/09 21:57:20	470 Kilia	26.4	14.17	4.08	169	6.2	36°57'48" 48°35'36"	163	3.4	TYC 134700136	10.11	7 <sup>h</sup> 22 <sup>m</sup> 54.297 <sup>s</sup> 15°16'47.565"	29.0	259	120.3	-44.2	108.9	-40.0	1.0	127
2016/03/09 22:11:32	1707 Chantal	10.3	16.27	3.65	117	1.0	35°02'22" 49°22'00"	230	2.1	UCAC2 41691529	12.66	6 <sup>h</sup> 32 <sup>m</sup> 41.245 <sup>s</sup> 28°00'36.068"	27.9	281	107.6	-43.9	96.0	-40.3	1.1	119

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 3		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 (%)	$\sigma_{km}$
2016/03/10 18:41:45	9942 1989 TM1	6.6	17.08	4.75	15	0.5	36°24'04" 50°09'42"	33	1.9	HIP 56350	12.34	11 <sup>h</sup> 33 <sup>m</sup> 03.748 <sup>s</sup> 12°09'13.297"	35.9	117	171.4	-30.1	154.1	-10.9	4.3	136
2016/03/11 16:44:15	5513 Yukio	6.3	15.88	5.65	198	0.7	36°11'25" 48°16'10"	182	0.3	TYC 493100994	10.23	11 <sup>h</sup> 44 <sup>m</sup> 54.360 <sup>s</sup> -1°24'10.304"	5.9	99	173.6	-12.3	148.7	18.8	9.9	91
2016/03/12 01:48:36	10727 Akit-sushima	10.5	18.23	4.69	50	0.7	36°45'34" 50°22'39"	43	1.8	UCAC2 19953633	13.55	17 <sup>h</sup> 02 <sup>m</sup> 35.316 <sup>s</sup> -28°48'09.232"	8.9	161	94.3	-20.7	135.2	-28.0	12.9	222
2016/03/12 03:01:19	131460 2001 QE194	11.0	20.14	6.41	73	0.8	37°15'43" 50°15'30"	71	0.7	UCAC2 47527097	13.74	6 <sup>h</sup> 46 <sup>m</sup> 05.091 <sup>s</sup> 46°56'57.494"	10.2	340	105.3	-9.3	68.2	-21.7	13.3	587
2016/03/12 19:31:40	2235 Vittore	44.5	15.07	3.42	199	4.2	34°05'25" 51°09'58"	308	4.9	UCAC2 31140502	11.69	7 <sup>h</sup> 18 <sup>m</sup> 37.078 <sup>s</sup> -1°52'46.339"	32.0	217	116.4	-35.5	67.5	4.9	19.3	147
2016/03/13 01:51:08	1202 Marina	54.9	16.85	3.26	269	2.7	34°10'39" 48°03'56"	214	4.9	UCAC2 21840965	13.64	18 <sup>h</sup> 08 <sup>m</sup> 52.368 <sup>s</sup> -24°58'17.734"	8.2	147	80.7	-20.0	135.9	-26.7	21.9	309
2016/03/14 19:20:30	1102 Pepita	39.3	14.88	1.70	86	3.8	37°26'04" 50°17'37"	72	7.0	UCAC2 31002150	13.44	8 <sup>h</sup> 43 <sup>m</sup> 16.579 <sup>s</sup> -2°12'32.648"	37.4	191	135.7	-33.6	61.1	27.7	40.1	204
2016/03/14 19:25:48	30093 2000 ES135	5.0	19.90	8.21	104	0.5	37°34'53" 50°28'44"	63	0.8	UCAC2 44817388	11.69	6 <sup>h</sup> 23 <sup>m</sup> 58.110 <sup>s</sup> 37°24'17.296"	56.1	266	100.2	-34.2	29.2	26.9	40.2	237
2016/03/14 21:30:39	67451 2000 QR168	5.5	16.85	5.72	33	0.6	36°20'19" 50°20'22"	7	1.8	UCAC2 31865937	11.14	10 <sup>h</sup> 43 <sup>m</sup> 56.100 <sup>s</sup> 0°27'14.403"	39.7	194	165.9	-42.2	87.5	7.8	41.2	119
2016/03/14 21:57:05	6587 Brassens	6.3	18.21	8.93	13	0.6	36°06'18" 50°02'13"	265	1.5	TYC 188801256	9.29	6 <sup>h</sup> 35 <sup>m</sup> 53.781 <sup>s</sup> 27°40'40.835"	27.4	281	103.4	-42.2	25.5	4.0	41.3	162
2016/03/15 19:57:36	114092 2002 VM39	5.0	18.38	7.21	188	0.6	36°49'28" 51°42'01"	12	0.6	TYC 89600395	11.17	13 <sup>h</sup> 46 <sup>m</sup> 10.915 <sup>s</sup> 12°00'18.231"	30.2	109	147.9	-37.0	113.4	31.2	51.4	191
2016/03/15 20:33:40	334221 2001 TU24	7.9	20.43	9.24	167	1.6	36°58'11" 51°28'54"	17	0.7	TYC 133500454	11.19	6 <sup>h</sup> 50 <sup>m</sup> 06.784 <sup>s</sup> 18°05'32.176"	35.5	255	106.4	-39.7	14.7	25.7	51.6	399
2016/03/16 19:50:16	7808 Bagould	10.0	17.94	4.69	2	1.1	36°18'38" 50°03'17"	65	2.1	UCAC2 38945305	13.27	6 <sup>h</sup> 25 <sup>m</sup> 11.239 <sup>s</sup> 20°20'33.193"	39.4	254	99.5	-36.0	4.8	40.4	62.0	194
2016/03/16 20:08:47	51350 2000 QU176	16.6	19.35	5.56	117	1.2	34°41'29" 49°49'41"	258	1.5	UCAC2 44638646	13.80	5 <sup>h</sup> 54 <sup>m</sup> 43.993 <sup>s</sup> 36°48'07.637"	42.8	280	92.4	-37.6	21.7	37.7	62.2	427
2016/03/17 01:04:57	46209 2001 FK160	6.0	19.00	7.52	72	0.6	37°16'37" 49°57'16"	98	1.2	TYC 563500802	11.48	16 <sup>h</sup> 28 <sup>m</sup> 23.850 <sup>s</sup> -12°21'56.206"	25.4	159	109.0	-25.2	144.3	-6.1	64.2	194
2016/03/17 03:28:16	550 Senta	37.8	14.02	1.91	36	0.9	36°39'48" 49°50'13"	131	7.6	UCAC2 26794253	12.31	20 <sup>h</sup> 55 <sup>m</sup> 20.439 <sup>s</sup> -14°20'52.569"	12.0	130	44.6	-3.3	152.3	-19.7	65.3	195
2016/03/17 17:46:23	412 Elisa-betha	91.0	13.11	1.59	40	8.9	36°10'22" 50°23'56"	348	26.2	TYC 198101493	11.81	11 <sup>h</sup> 20 <sup>m</sup> 00.880 <sup>s</sup> 24°47'51.345"	43.4	103	155.1	-20.3	53.3	57.0	71.0	130
2016/03/17 19:00:04	22070 2000 AN106	11.5	19.26	7.95	194	1.1	36°03'15" 51°47'07"	355	1.2	TYC 132201122	11.31	6 <sup>h</sup> 15 <sup>m</sup> 16.103 <sup>s</sup> 19°11'33.828"	44.0	244	96.2	-30.2	19.2	52.2	71.5	324
2016/03/17 19:17:49	9178 Momoyo	6.0	18.45	6.12	179	0.7	36°55'11" 51°36'20"	15	0.8	TYC 554900680	12.33	13 <sup>h</sup> 45 <sup>m</sup> 03.366 <sup>s</sup> -10°06'00.840"	7.8	116	149.4	-32.3	95.1	50.4	71.6	171
2016/03/17 22:16:25	1537 Transyl-vania	13.8	17.65	4.85	227	0.5	33°43'18" 48°52'07"	234	1.4	UCAC2 38744260	12.81	4 <sup>h</sup> 46 <sup>m</sup> 18.129 <sup>s</sup> 19°42'28.812"	0.3	301	75.2	-40.6	41.9	25.2	72.8	202

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		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 (%)	$\sigma_{km}$
2016/03/18 01:01:16	1892 Lucienne	12.6	16.19	2.52	139	1.3	34°47'59" 50°51'25"	310	2.2	UCAC2 20397234	13.78	13 <sup>h</sup> 13 <sup>m</sup> 43.102 <sup>s</sup> -27°52'01.020"	8.0	206	145.0	-25.4	90.2	0.2	73.9	139
2016/03/18 02:55:50	8065 Nakhod-kin	5.0	17.27	5.32	197	0.8	35°37'08" 51°46'07"	346	0.3	UCAC2 26240006	11.96	15 <sup>h</sup> 46 <sup>m</sup> 58.344 <sup>s</sup> -15°16'16.611"	22.6	201	119.7	-8.1	121.1	-14.0	74.6	99
2016/03/18 15:46:22	73795 1995 FH8	12.6	19.78	6.18	118	0.7	37°26'11" 49°17'21"	136	1.2	UCAC2 32151730	13.60	5 <sup>h</sup> 37 <sup>m</sup> 30.681 <sup>s</sup> 1°20'15.594"	41.3	187	86.0	-1.2	42.7	45.1	79.2	411
2016/03/18 18:00:16	1565 Lemaitre	10.5	17.10	3.75	217	1.5	33°20'31" 49°35'53"	257	1.1	UCAC2 29085922	13.39	8 <sup>h</sup> 18 <sup>m</sup> 01.667 <sup>s</sup> -7°58'39.053"	32.1	178	125.5	-22.0	23.4	55.3	79.9	181
2016/03/18 19:19:00	4254 Kamel	13.2	16.52	2.74	13	0.7	36°21'07" 49°56'06"	160	3.2	UCAC2 34795304	13.87	6 <sup>h</sup> 08 <sup>m</sup> 45.077 <sup>s</sup> 8°35'56.960"	31.3	243	93.7	-32.1	34.8	53.0	80.4	162
2016/03/18 19:59:19	3136 Anshan	13.2	17.38	5.47	31	0.6	36°19'26" 49°46'14"	175	2.5	UCAC2 40475804	11.92	5 <sup>h</sup> 14 <sup>m</sup> 59.175 <sup>s</sup> 24°36'37.619"	28.6	275	81.4	-36.1	46.6	49.6	80.6	212
2016/03/18 21:20:27	53418 1999 PY3	15.1	19.81	6.60	144	0.9	35°34'17" 51°15'41"	339	1.2	UCAC2 32827518	13.22	6 <sup>h</sup> 02 <sup>m</sup> 53.223 <sup>s</sup> 3°03'50.355"	7.2	266	92.1	-40.5	38.8	39.6	81.0	476
2016/03/18 22:46:00	24388 2000 AB175	13.2	17.06	5.38	44	1.0	36°39'28" 49°44'02'	143	2.7	TYC 73502712	11.68	6 <sup>h</sup> 16 <sup>m</sup> 55.354 <sup>s</sup> 9°45'27.210"	0.8	284	95.6	-38.8	34.3	26.9	81.5	187
2016/03/19 01:31:05	20801 2000 SC179	6.6	16.66	6.95	222	0.8	36°46'00" 48°04'48"	171	0.4	TYC 495800752	9.71	13 <sup>h</sup> 18 <sup>m</sup> 03.969 <sup>s</sup> -2°20'41.462"	29.1	223	159.1	-20.8	70.3	1.4	82.4	119
2016/03/19 03:03:02	3557 Sokolsky	21.9	17.20	3.67	10	1.0	36°17'32" 50°08'09"	2	3.2	UCAC2 25393825	13.57	18 <sup>h</sup> 36 <sup>m</sup> 11.354 <sup>s</sup> -17°20'19.994"	20.5	160	80.1	-6.6	148.8	-11.1	82.9	273
2016/03/19 18:27:56	45519 2000 BS33	5.0	19.89	8.18	118	0.8	37°15'46" 49°11'58"	144	0.7	TYC 135800204	11.71	7 <sup>h</sup> 17 <sup>m</sup> 43.781 <sup>s</sup> 20°52'30.535"	56.4	218	108.7	-25.5	29.7	52.2	87.4	245
2016/03/19 19:46:53	3379 Oishi	12.9	15.89	3.60	185	1.4	35°13'56" 48°32'20"	204	1.0	UCAC2 33576060	12.33	11 <sup>h</sup> 33 <sup>m</sup> 18.545 <sup>s</sup> 5°28'53.525"	41.8	149	171.9	-34.7	33.6	51.6	87.8	101
2016/03/20 01:49:19	3162 Nostal-gia	17.4	17.24	5.36	80	2.3	37°24'12" 49°58'21"	96	2.9	UCAC2 32216923	11.89	16 <sup>h</sup> 04 <sup>m</sup> 05.133 <sup>s</sup> 1°18'35.836"	41.5	181	118.7	-17.8	97.5	3.6	89.4	221
2016/03/20 16:14:18	6955 Ekate-rina	11.0	18.37	6.51	196	0.6	36°03'23" 48°17'41"	185	1.3	UCAC2 40315181	11.86	5 <sup>h</sup> 45 <sup>m</sup> 44.903 <sup>s</sup> 24°20'17.451"	62.9	204	86.5	-5.2	62.4	31.5	92.8	244
2016/03/20 18:24:03	1351 Uzbek-istania	64.9	15.43	3.97	229	6.0	33°49'25" 48°45'48"	231	6.7	TYC 244100274	11.49	7 <sup>h</sup> 01 <sup>m</sup> 01.308 <sup>s</sup> 32°58'18.936"	64.6	238	102.4	-24.7	48.5	46.3	93.2	199
2016/03/20 22:38:01	10354 Guil-laumbude	6.9	18.58	6.30	198	1.8	37°03'52" 48°20'38"	164	0.8	TYC 138600312	12.29	8 <sup>h</sup> 22 <sup>m</sup> 14.521 <sup>s</sup> 19°34'39.170"	28.3	267	122.7	-38.5	29.3	36.9	94.1	199
2016/03/21 18:01:48	434 Hungaria	19.0	15.50	1.77	235	0.8	34°56'40" 51°58'43"	336	1.4	UCAC2 32492305	13.96	5 <sup>h</sup> 41 <sup>m</sup> 43.535 <sup>s</sup> 2°01'46.449"	30.9	230	84.2	-21.4	77.6	36.6	97.2	144
2016/03/21 19:02:44	5630 Billschae-fer	6.0	18.23	7.15	68	0.6	36°10'24" 49°26'41"	187	1.4	TYC 133800523	11.08	6 <sup>h</sup> 45 <sup>m</sup> 08.794 <sup>s</sup> 20°06'55.725"	46.4	242	99.2	-29.3	62.0	42.5	97.3	153
2016/03/21 20:25:19	283 Emma	148.1	14.52	1.48	296	12.7	39°21'33" 51°52'29"	47	10.9	UCAC2 40330940	13.36	6 <sup>h</sup> 37 <sup>m</sup> 59.411 <sup>s</sup> 24°20'40.955"	35.7	266	97.2	-37.0	64.7	46.0	97.5	217
2016/03/22 02:15:31	10337 1991 RO1	9.5	18.41	7.04	24	2.3	36°36'03" 49°58'19"	111	1.7	TYC 679200451	11.37	16 <sup>h</sup> 10 <sup>m</sup> 37.929 <sup>s</sup> -28°19'33.037"	11.4	187	115.5	-13.0	79.6	8.3	98.2	218

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 (%)	$\sigma_{km}$
2016/03/22 03:01:07	33851 2000 HD33	6.0	19.02	6.21	227	0.8	33°45'14" 48°50'49"	234	0.6	TYC 379601481	12.81	8 <sup>h</sup> 16 <sup>m</sup> 34.920 <sup>s</sup> 54°40'40.705"	20.5	335	107.5	-5.9	60.9	1.1	98.3	217
2016/03/22 18:11:17	2500 Alascat-talo	10.0	17.00	3.81	230	0.6	34°44'09" 48°15'06"	209	1.0	UCAC2 42560871	13.22	6 <sup>h</sup> 14 <sup>m</sup> 32.851 <sup>s</sup> 30°54'32.648"	57.1	248	90.8	-22.4	81.1	29.3	99.5	174
2016/03/22 18:22:50	3892 Dezso	10.5	17.39	5.00	127	1.0	37°01'42" 49°00'45"	155	1.8	UCAC2 36627141	12.40	7 <sup>h</sup> 06 <sup>m</sup> 18.485 <sup>s</sup> 13°47'09.518"	48.2	220	103.8	-24.0	68.3	30.7	99.5	174
2016/03/22 18:59:50	1823 Gliese	10.0	17.38	3.63	26	0.6	36°06'18" 49°50'52"	210	2.4	UCAC2 40319390	13.79	6 <sup>h</sup> 01 <sup>m</sup> 02.573 <sup>s</sup> 24°15'53.908"	42.8	257	87.9	-28.7	84.3	34.8	99.5	168
2016/03/22 19:29:35	3929 Carmel-maria	6.0	17.45	6.50	121	0.5	35°32'26" 49°04'41"	206	1.2	TYC 26900660	10.95	11 <sup>h</sup> 12 <sup>m</sup> 52.121 <sup>s</sup> 6°41'06.017"	44.1	154	164.1	-32.0	8.4	37.6	99.6	131
2016/03/23 21:19:25	32501 2000 YV135	21.9	18.91	6.40	178	1.6	38°46'27" 50°06'23"	88	1.9	UCAC2 47628602	12.52	5 <sup>h</sup> 51 <sup>m</sup> 44.082 <sup>s</sup> 47°10'23.576"	34.2	305	85.4	-38.6	97.8	37.8	99.9	430
2016/03/23 22:51:24	63241 2001 BJ26	13.2	19.56	7.51	112	1.4	37°32'26" 50°39'01"	53	1.2	UCAC2 33949384	12.05	16 <sup>h</sup> 34 <sup>m</sup> 24.392 <sup>s</sup> 6°04'20.753"	30.9	121	114.3	-36.5	60.7	37.1	99.8	435
2016/03/23 23:37:25	2531 Cam-bridge	19.1	16.42	2.58	45	1.9	36°24'01" 50°26'28"	11	3.2	UCAC2 26483670	13.94	17 <sup>h</sup> 26 <sup>m</sup> 18.897 <sup>s</sup> -14°50'46.499"	12.2	132	101.6	-32.9	72.9	34.2	99.8	231
2016/03/23 23:53:41	46732 1997 TD19	5.0	19.26	9.03	181	0.5	37°30'11" 51°28'51"	29	0.7	UCAC2 23906305	10.23	17 <sup>h</sup> 06 <sup>m</sup> 41.021 <sup>s</sup> -20°24'56.961"	11.2	142	106.0	-31.3	68.5	32.8	99.8	201
2016/03/23 23:59:16	18093 2000 KS31	8.3	17.70	5.97	212	1.4	33°41'56" 49°08'40"	241	0.9	UCAC2 19916821	11.73	14 <sup>h</sup> 29 <sup>m</sup> 00.366 <sup>s</sup> -28°54'29.299"	11.1	181	137.5	-30.7	38.1	32.3	99.8	175
2016/03/24 02:04:59	1606 Jekhovsky	26.1	16.82	3.66	77	1.5	35°53'09" 50°41'13"	338	5.9	UCAC2 25816785	13.20	17 <sup>h</sup> 47 <sup>m</sup> 20.236 <sup>s</sup> -16°19'27.310"	22.0	162	96.7	-13.9	76.8	17.0	99.7	157
2016/03/24 17:04:02	40353 1999 NB13	6.9	18.41	6.56	106	0.6	37°00'21" 50°53'09"	29	1.2	UCAC2 39127271	11.86	6 <sup>h</sup> 53 <sup>m</sup> 38.608 <sup>s</sup> 20°44'42.209"	59.6	201	98.3	-12.0	95.0	1.5	98.7	191
2016/03/24 17:56:35	4757 Liselotte	11.5	17.99	4.32	167	1.5	36°53'50" 51°29'47"	15	1.5	UCAC2 36471358	13.69	9 <sup>h</sup> 53 <sup>m</sup> 12.792 <sup>s</sup> 13°03'36.876"	49.7	149	141.7	-19.8	51.9	9.4	98.6	225
2016/03/24 18:32:13	26718 2001 HP5	12.0	18.18	8.65	36	0.5	36°27'42" 49°44'53"	159	1.9	TYC 70200937	9.53	5 <sup>h</sup> 06 <sup>m</sup> 33.695 <sup>s</sup> 10°10'02.325"	26.7	253	72.6	-24.6	121.3	14.4	98.5	252
2016/03/24 19:22:48	14031 Rozvo	10.0	17.62	5.78	78	0.6	36°54'33" 50°37'22"	35	1.4	UCAC2 42561109	11.85	6 <sup>h</sup> 16 <sup>m</sup> 11.238 <sup>s</sup> 30°54'50.835"	44.9	267	89.1	-30.6	104.6	21.1	98.4	283
2016/03/25 17:38:18	4455 Ruriko	15.1	16.37	4.45	178	2.3	34°23'49" 49°01'07"	230	2.0	UCAC2 32033680	11.93	9 <sup>h</sup> 33 <sup>m</sup> 39.233 <sup>s</sup> 0°37'11.105"	38.2	156	138.5	-16.9	65.5	-2.6	95.6	168
2016/03/25 20:12:13	6570 Tomo-hiro	13.2	15.94	2.24	75	1.6	35°25'58" 49°39'42"	235	3.3	UCAC2 25321490	13.85	13 <sup>h</sup> 59 <sup>m</sup> 21.830 <sup>s</sup> -17°11'34.872"	11.2	135	151.2	-34.7	8.7	18.8	95.1	139
2016/03/25 20:39:34	1594 Danjon	11.6	15.87	3.86	31	1.6	36°18'54" 50°19'15"	4	3.5	TYC 197101056	12.04	10 <sup>h</sup> 08 <sup>m</sup> 55.335 <sup>s</sup> 25°47'40.602"	62.4	216	137.7	-36.4	66.0	21.8	95.0	129
2016/03/25 21:28:00	56479 2000 GT114	5.5	19.74	7.93	63	0.5	37°09'45" 49°58'45"	97	0.9	TYC 244500123	11.81	7 <sup>h</sup> 02 <sup>m</sup> 23.486 <sup>s</sup> 34°12'56.858"	33.7	285	97.5	-37.9	107.2	26.3	94.9	236
2016/03/25 21:57:09	10389 Rob-manning	5.5	18.07	6.91	80	0.6	35°25'08" 49°36'14"	231	1.3	TYC 83000717	11.16	10 <sup>h</sup> 11 <sup>m</sup> 18.391 <sup>s</sup> 9°08'06.735"	39.3	229	146.0	-37.8	60.4	28.4	94.8	140

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 (%)	$\sigma_{km}$	
2016/03/25 23:58:51	7231 Porco	12.0	17.68	5.81	46	1.6	36°34'56'' 50°25'06''	27	2.2	TYC 196000418	11.88	9 <sup>h</sup> 46 <sup>m</sup> 15.828 <sup>s</sup> 23°10'37.873''	28.2	273	134.7	-30.0	71.4	30.6	94.4	217	
2016/03/26 19:41:05	19615 OB3	12.0	18.10	5.17	43	0.5	36°24'36'' 50°25'22''	12	1.4	UCAC2 38389017	12.94	5 <sup>h</sup> 17 <sup>m</sup> 51.785 <sup>s</sup> 18°36'49.226''	22.6	272	73.7	-31.8	142.5	6.5	90.4	343	
2016/03/26 21:10:37	10656 Albrecht	9.1	17.72	5.81	76	0.7	35°56'31'' 49°24'21''	199	1.8	UCAC2 33225620	11.92	11 <sup>h</sup> 37 <sup>m</sup> 48.086 <sup>s</sup> 4°15'45.172''	44.3	186	166.7	-37.2	49.9	17.6	90.0	187	
2016/03/26 23:43:58	475 Ocllo	31.0	17.70	6.98	18	3.2	36°18'52'' 50°12'36''	6	5.6	TYC 298400218	10.72	9 <sup>h</sup> 13 <sup>m</sup> 28.878 <sup>s</sup> 39°03'42.627''	35.5	291	119.6	-31.1	93.7	27.8	89.4	219	
2016/03/27 16:21:32	3152 Jones	33.2	17.21	4.06	242	1.6	37°36'49'' 52°03'04''	23	3.3	UCAC2 40987348	13.18	5 <sup>h</sup> 46 <sup>m</sup> 27.169 <sup>s</sup> 26°04'55.634''	61.5	221	79.8	-4.6	144.9	-32.4	85.1	217	
2016/03/27 17:21:27	1867 Deiphobus	122.7	16.23	2.56	253	10.5	38°42'44'' 51°43'42''	43	10.0	UCAC2 39289438	13.78	6 <sup>h</sup> 28 <sup>m</sup> 24.229 <sup>s</sup> 21°23'12.051''	55.4	224	89.4	-13.9	136.5	-23.3	84.8	398	
2016/03/27 20:08:04	3405 Daiwen-sai	22.3	17.77	3.90	181	0.9	35°09'13'' 48°35'40''	207	2.6	UCAC2 37311996	13.90	5 <sup>h</sup> 13 <sup>m</sup> 30.180 <sup>s</sup> 15°30'59.828''	14.6	277	71.5	-33.7	155.7	1.8	84.0	268	
2016/03/27 20:09:03	117447 AX46	14.5	19.80	8.05	111	1.0	36°53'10'' 49°07'52''	157	1.2	TYC 75102333	11.75	6 <sup>h</sup> 49 <sup>m</sup> 01.268 <sup>s</sup> 10°39'48.865''	26.1	255	94.9	-33.8	132.1	1.9	84.0	471	
2016/03/28 17:43:40	25858 Donherbert	11.0	17.48	4.02	23	1.1	36°27'45'' 49°52'40''	146	2.1	UCAC2 41886130	13.48	10 <sup>h</sup> 12 <sup>m</sup> 39.917 <sup>s</sup> 28°46'52.014''	62.0	130	133.9	-16.8	98.7	-28.7	77.2	208	
2016/03/28 23:14:40	3861 Lorenz	11.5	15.96	2.48	127	1.7	36°55'38'' 51°06'47''	21	2.2	UCAC2 36465163	13.60	8 <sup>h</sup> 17 <sup>m</sup> 57.706 <sup>s</sup> 13°24'03.006''	12.0	277	115.0	-32.9	124.6	16.6	75.4	116	
2016/03/29 03:01:29	6720 Giftu	12.6	18.42	5.52	19	0.5	36°02'16'' 50°07'02''	294	1.9	UCAC2 18549432	12.90	19 <sup>h</sup> 52 <sup>m</sup> 51.175 <sup>s</sup> -31°43'24.834''	4.2	155	74.8	-3.4	46.8	21.1	74.0	270	
2016/03/29 19:18:46	794 Irenaea	41.0	18.05	4.77	41	1.3	36°48'24'' 49°53'01''	116	4.9	UCAC2 37483910	13.30	4 <sup>h</sup> 08 <sup>m</sup> 35.699 <sup>s</sup> 16°07'35.380''	11.4	282	54.1	-28.6	165.1	-22.4	68.1	329	
2016/03/29 20:57:39	5461 Autumn	14.5	17.27	3.84	33	1.5	36°30'44'' 50°18'28''	29	2.4	UCAC2 39850086	13.46	10 <sup>h</sup> 39 <sup>m</sup> 46.751 <sup>s</sup> 22°46'41.454''	59.4	215	141.4	-35.7	104.5	-7.4	67.4	240	
2016/03/30 00:01:51	1426 Riviera	15.4	14.80	1.52	206	1.4	37°33'28'' 48°23'51''	154	1.2	UCAC2 17092466	13.59	17 <sup>h</sup> 02 <sup>m</sup> 41.146 <sup>s</sup> -34°50'41.399''	0.8	155	111.0	-28.1	17.6	15.3	66.2	122	
2016/03/30 17:31:18	105694 SV62	12.6	20.38	8.26	51	0.7	36°56'44'' 50°12'58''	68	0.9	TYC 337900651	12.12	6 <sup>h</sup> 17 <sup>m</sup> 42.263 <sup>s</sup> 47°09'36.310''	68.0	275	83.7	-14.5	150.7	-46.2	59.3	556	
2016/03/30 17:31:18	105694 SV62	12.6	20.38	8.14	51	0.7	36°56'44'' 50°12'58''	68	0.9	UCAC2 47632202	12.24	6 <sup>h</sup> 17 <sup>m</sup> 42.263 <sup>s</sup> 47°09'36.310''	68.0	275	83.7	-14.5	150.7	-46.2	59.3	556	
2016/03/30 19:58:44	16056 JN75	7.6	16.57	4.98	244	0.8	33°36'53'' 48°42'24''	232	0.3	TYC 670600162	11.61	13 <sup>h</sup> 02 <sup>m</sup> 38.996 <sup>s</sup> -26°28'19.920''	8.8	152	156.8	-31.9	69.1	-24.3	58.3	123	
2016/03/31 16:30:05	2235 Vittore	44.5	15.36	2.26	48	2.8	35°49'21'' 50°21'50''	317	10.4	UCAC2 32016591	13.24	7 <sup>h</sup> 30 <sup>m</sup> 31.408 <sup>s</sup> 0°42'39.733''	40.9	181	102.3	-4.9	160.0	-56.9	49.6	163	
2016/03/31 17:28:52	757 Portlandia	32.1	13.57	1.22	54	3.2	36°15'12'' 49°33'40''	183	10.2	UCAC2 34656255	12.77	11 <sup>h</sup> 38 <sup>m</sup> 12.309 <sup>s</sup> 8°06'18.679''	33.2	121	159.9	-13.9	109.8	-52.3	49.2	111	
2016/03/31 19:50:46	881 Athene	14.5	17.63	5.13	253	0.6	38°29'57'' 51°50'29''	38	1.4	UCAC2 39625738	12.51	5 <sup>h</sup> 27 <sup>m</sup> 40.495 <sup>s</sup> 22°18'54.874''	22.2	279	71.2	-30.9	158.7	-33.2	48.2	244	

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				Sum		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	Phase (%)	$\sigma_{km}$	
2016/03/31 21:52:11	13808 Davewilliams	13.8	17.76	4.16	47	0.9	35°45'50'' 49°47'28''	233	2.3	UCAC2	13.62	6 <sup>h</sup> 48 <sup>m</sup> 43.148 <sup>s</sup> 20°18'16.264''	14.3	285	90.0	-35.6	-14.4	47.3	239
2016/03/31 23:19:40	50371 CT84	6.6	17.90	9.47	88	0.5	35°27'44'' 49°27'37''	222	1.8 2.7	HIP 64939	8.44	13 <sup>h</sup> 18 <sup>m</sup> 41.574 <sup>s</sup> 7°11'12.418''	45.2	203	165.1	-31.3	-1.4	46.7	98