

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: 140

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}
2016/10/01 01:39:14	11513 1991 CE1	10.5	17.37	3.83	65	0.8	36°30'53" 50°36'37"	15	2.0 2.2	UCAC2 32639690	13.57	23 ^h 33 ^m 24.796 ^s 2°20'40.783"	-19.0	262	165.9	-19.0	164.3	-18.5	0.0	193
2016/10/01 03:21:43	3097 Tacitus	25.0	18.00	6.42	186	2.9	34°43'47" 48°43'07"	217	3.2 4.8	UCAC2 37670111	11.58	5 ^h 37 ^m 09.607 ^s 16°49'23.064"	-2.8	202	103.6	-2.8	105.3	-3.0	0.1	209
2016/10/01 16:27:17	1468 Zomba	17.7	15.70	2.62	169	0.9	34°46'29" 51°13'15"	320	1.7 7.0	UCAC2 23728398	13.18	18 ^h 46 ^m 58.085 ^s -20°34'24.039"	-12.9	192	92.3	-12.9	84.7	-7.9	0.5	100
2016/10/01 17:26:07	52692 1998 FO8	13.2	17.46	6.15	233	1.3	33°02'25" 49°54'22"	266	1.4 2.5	TYC 746400821	11.31	20 ^h 41 ^m 22.014 ^s -35°07'04.784"	-22.0	179	113.7	-22.0	107.0	-17.1	0.5	210
2016/10/01 23:04:56	7817 Zibitur- tle	7.2	17.26	5.18	155	0.8	35°17'23" 51°17'05"	333	1.1 2.1	TYC 524900442	12.09	23 ^h 10 ^m 56.860 ^s -6°01'08.560"	-39.0	230	157.4	-39.0	146.7	-43.2	0.9	141
2016/10/02 02:51:55	16154 Dabramo	10.5	18.56	6.99	100	0.6	36°08'24" 50°56'17"	354	1.5 1.7	TYC 190000505	11.57	7 ^h 15 ^m 09.844 ^s 25°57'57.608"	-7.8	143	82.3	-7.8	94.3	-17.2	1.2	250
2016/10/02 02:54:32	328 Gudrun	122.9	14.02	0.85	300	8.8	38°40'54" 47°51'31"	145	7.6 25.4	UCAC2 46122204	13.83	5 ^h 49 ^m 54.564 ^s 41°20'18.581"	-7.4	198	100.6	-7.4	111.0	-16.8	1.2	190
2016/10/02 18:43:51	24866 1996 ER1	12.0	16.73	4.95	114	0.8	36°01'29" 51°03'35"	351	2.1 2.6	UCAC2 38190444	11.79	0 ^h 59 ^m 05.582 ^s 18°06'26.751"	-33.1	115	164.6	-33.1	162.9	-25.3	3.0	185
2016/10/02 19:43:41	6012 Williammur- doch	7.9	15.98	5.46	53	1.1	36°15'54" 49°34'05"	182	2.6 2.9	TYC 471000103	10.53	3 ^h 01 ^m 44.775 ^s -2°51'35.164"	-39.5	115	143.0	-39.5	160.4	-33.8	3.1	110
2016/10/02 22:07:28	4347 Reger	11.0	18.19	4.74	193	1.0	37°39'08" 48°33'29"	150	1.4 2.0	UCAC2 39987686	13.46	6 ^h 06 ^m 31.614 ^s 23°16'14.933"	-43.1	88	98.4	-43.1	119.4	-47.4	3.5	221
2016/10/03 01:12:04	82256 2001 KM8	5.2	16.72	6.32	171	0.7	33°58'18" 50°28'26"	286	0.5 2.1	TYC 68400797	10.40	4 ^h 56 ^m 15.618 ^s 8°17'40.325"	-23.6	169	115.4	-23.6	138.0	-39.6	3.9	101
2016/10/03 22:44:05	20679 1999 VU9	10.0	17.29	3.86	90	0.8	35°15'52" 50°31'49"	306	2.0 2.2	UCAC2 24995747	13.46	0 ^h 17 ^m 07.105 ^s -17°51'12.397"	-41.3	206	157.1	-41.3	132.5	-50.4	7.9	178
2016/10/03 23:10:45	11165 1998 DE5	5.8	16.80	5.28	10	1.1	36°15'54" 49°57'42"	189	2.2 2.2	UCAC2 38195471	11.52	2 ^h 42 ^m 33.691 ^s 18°16'20.229"	-39.1	174	147.0	-39.1	173.0	-51.4	8.0	104
2016/10/04 01:08:03	28834 2000 JD37	5.2	17.56	6.85	71	0.5	36°25'27" 49°24'48"	172	1.2 1.4	TYC 2300866	10.72	1 ^h 13 ^m 52.087 ^s 4°53'39.432"	-24.5	238	171.7	-24.5	154.5	-47.4	8.4	151
2016/10/04 22:24:33	12193 1979 EL	12.6	16.62	3.46	88	0.7	35°36'21" 50°42'10"	326	2.7 3.1	UCAC2 38418910	13.20	7 ^h 00 ^m 13.092 ^s 18°56'22.410"	-43.0	86	87.7	-43.0	130.7	-48.0	13.6	163
2016/10/04 23:09:59	54625 2000 SC49	11.0	20.49	7.01	75	0.6	36°12'02" 50°42'58"	355	0.9 0.9	UCAC2 35384082	13.49	7 ^h 43 ^m 38.970 ^s 10°13'03.565"	-39.5	93	76.2	-39.5	119.6	-52.0	13.8	482
2016/10/05 21:25:42	5008 Miyaza- wakenji	9.1	17.29	6.48	174	0.5	35°08'04" 51°26'03"	332	1.2 2.4	UCAC2 37875670	10.82	6 ^h 57 ^m 51.243 ^s 17°27'04.803"	-45.2	77	89.0	-45.2	142.5	-36.2	20.4	154
2016/10/06 15:47:26	1108 Demeter	25.6	15.65	3.87	94	1.1	36°34'56" 50°51'58"	13	6.2 8.1	UCAC2 33265348	11.81	18 ^h 20 ^m 32.687 ^s 4°00'06.077"	-8.2	199	83.1	-8.2	29.5	16.2	26.5	126
2016/10/06 16:14:47	1283 Komso- molia	26.9	16.28	6.49	52	1.4	36°33'07" 50°29'07"	21	4.4 4.5	TYC 627000512	9.79	18 ^h 26 ^m 28.963 ^s -17°08'47.479"	-12.6	200	82.8	-12.6	20.8	13.6	26.7	241
2016/10/06 17:56:48	1927 Suvanto	13.2	15.71	3.97	115	1.1	36°03'06" 51°04'12"	352	2.7 4.0	TYC 62200770	11.77	1 ^h 48 ^m 10.165 ^s 9°28'52.889"	-28.3	103	165.1	-28.3	132.1	1.3	27.2	133

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 (%)	σ_{km}
2016/10/06 18:00:26	83269 RG78	5.5	19.16	7.94	55	0.5	37°00'29'' 49°52'28''	110	1.0	UCAC2 20047381	11.22	20 ^h 24 ^m 26.847 ^s -28°34'48.588''	10.2	194	107.7	-28.8	47.3	0.8	27.2	222
2016/10/07 00:23:08	3007 Reaves	10.0	17.67	5.19	101	0.5	35°33'48'' 50°49'29''	329	1.8	UCAC2 40508136	12.49	7 ^h 35 ^m 20.285 ^s 24°34'34.284''	40.5	100	82.4	-31.6	147.0	-53.9	29.6	187
2016/10/07 01:06:26	3303 Merta	12.6	16.75	3.01	26	3.7	36°18'25'' 50°16'39''	3	3.1	UCAC2 38920060	13.81	3 ^h 57 ^m 00.965 ^s 20°01'45.278''	59.2	198	132.7	-25.5	160.8	-57.0	29.9	158
2016/10/07 15:48:33	1222 Tina	20.2	15.48	2.62	68	0.9	36°06'20'' 49°26'60''	191	4.3	UCAC2 30570253	12.96	18 ^h 38 ^m 55.234 ^s -3°33'12.836''	35.8	193	86.0	-8.7	19.3	18.8	35.3	175
2016/10/07 19:44:55	44385 SR61	5.2	19.03	7.89	155	0.9	34°26'01'' 50°46'51''	302	0.8	TYC 635200518	11.14	20 ^h 49 ^m 46.790 ^s -20°01'12.587''	12.8	215	114.6	-41.5	40.8	-7.9	36.8	185
2016/10/08 03:39:59	27427 FE1	6.9	18.88	9.53	180	0.8	36°10'33'' 51°39'51''	357	0.9	TYC 132301406	9.35	6 ^h 18 ^m 57.855 ^s 19°54'26.389''	58.2	205	100.6	-1.6	178.1	-56.5	40.0	205
2016/10/08 15:02:35	18153 OC61	11.0	17.23	3.48	241	0.6	33°00'06'' 50°36'03''	285	1.0	UCAC2 20739530	13.80	19 ^h 22 ^m 16.545 ^s -27°19'51.373''	12.1	170	92.7	-1.7	13.5	21.6	44.5	186
2016/10/08 20:43:41	29903 HP9	8.3	17.75	7.05	122	0.6	35°44'33'' 51°05'29''	341	1.5	TYC 132800349	10.71	6 ^h 28 ^m 37.350 ^s 16°43'23.907''	11.5	78	98.8	-45.6	174.5	-9.3	46.9	169
2016/10/08 21:48:16	32 Pomona	80.8	11.31	2.47	204	6.5	34°43'57'' 51°35'23''	327	0.7	TYC 60300414	8.96	0 ^h 35 ^m 29.774 ^s 8°08'47.338''	47.0	198	174.0	-46.0	88.4	-19.1	47.4	67
2016/10/09 03:47:34	575 Renate	21.3	15.79	4.57	241	1.7	37°24'50'' 48°00'55''	160	1.9	TYC 293200127	11.24	6 ^h 39 ^m 25.406 ^s 40°19'48.479''	77.6	224	97.8	-0.6	157.1	-58.1	49.8	180
2016/10/09 15:58:46	666 Desdemona	26.9	16.12	3.04	200	0.9	35°48'25'' 51°49'09''	350	3.2	UCAC2 25572288	13.15	17 ^h 24 ^m 03.336 ^s -16°51'32.654''	16.9	214	65.0	-11.0	30.6	22.4	54.9	220
2016/10/09 18:41:22	34790 SA4	6.0	17.70	8.57	191	0.6	36°48'30'' 48°21'47''	169	0.7	HIP 1950	9.13	0 ^h 24 ^m 38.418 ^s -15°44'16.605''	19.0	149	155.9	-35.3	68.1	13.6	56.0	151
2016/10/09 21:11:08	24030 RT206	11.5	16.85	3.43	153	1.7	35°34'53'' 51°20'48''	341	1.8	UCAC2 43913688	13.47	3 ^h 04 ^m 24.430 ^s 34°53'13.205''	61.7	110	140.0	-46.7	116.2	-5.2	57.1	171
2016/10/09 22:29:01	246 Asporina	60.1	14.22	2.01	231	3.9	36°16'24'' 52°07'11''	360	6.2	UCAC2 33904956	12.40	7 ^h 03 ^m 12.532 ^s 6°20'55.965''	15.6	99	90.4	-44.5	164.7	-16.8	57.7	209
2016/10/09 23:33:01	5217 Chaozhou	6.0	18.75	7.63	78	0.6	36°35'04'' 49°22'34''	164	1.2	UCAC2 39118773	11.12	6 ^h 28 ^m 19.544 ^s 20°44'02.833''	42.1	109	100.2	-38.7	160.5	-26.7	58.1	178
2016/10/10 01:03:13	63 Ausonia	103.1	12.79	1.08	206	2.4	38°59'52'' 49°26'29''	109	11.7	TYC 26800838	12.21	11 ^h 05 ^m 53.225 ^s 6°10'47.502''	1.3	82	31.8	-26.8	131.6	-40.2	58.7	245
2016/10/10 01:29:05	2888 Hodgson	9.5	15.45	5.66	35	2.2	35°49'50'' 49°56'03''	249	3.8	TYC 180900164	9.79	3 ^h 28 ^m 39.068 ^s 29°03'39.650''	61.7	232	138.9	-22.9	118.7	-43.8	58.9	93
2016/10/10 15:28:42	639 Latona	71.2	14.23	3.24	214	1.8	35°39'38'' 48°10'19''	192	7.5	TYC 676300334	11.05	15 ^h 25 ^m 44.087 ^s -22°41'37.518''	1.8	230	37.5	-6.5	70.1	22.2	64.7	286
2016/10/10 15:29:38	615 Roswitha	48.2	15.19	2.17	100	2.0	37°09'38'' 49°20'56''	141	9.3	UCAC2 21403518	13.18	18 ^h 39 ^m 27.204 ^s -25°48'23.204''	13.9	188	81.4	-6.7	26.3	22.3	64.7	175
2016/10/11 02:09:08	9840 RQ2	11.0	16.68	4.83	237	0.8	37°21'42'' 52°03'46''	19	0.9	TYC 119301528	11.87	0 ^h 38 ^m 23.612 ^s 20°27'26.435''	22.5	275	164.9	-16.9	66.7	-40.6	69.2	159

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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}	
2016/10/11 21:43:52	4422 Jarre	10.0	16.22	3.48	187	1.0	35°45'12'' 51°41'26''	348	1.1 3.0	UCAC2 37681180	12.79	6 ^h 15 ^m 47.200 ^s 16°57'33.686''	25.2	93	104.9	-47.2	132.4	8.4	77.0	135	
2016/10/12 01:00:07	739 Mandeville	107.4	13.80	1.22	49	4.6	36°16'59'' 49°36'16''	180	20.4 21.1	UCAC2 34456806	13.01	8 ^h 08 ^m 09.020 ^s 7°33'35.214''	31.0	118	76.7	-27.8	157.0	-20.6	78.2	201	
2016/10/12 03:26:55	55 Pandora	66.7	13.62	2.12	209	1.5	34°02'43'' 48°52'00''	231	6.8 8.5	UCAC2 31171740	11.67	12 ^h 23 ^m 25.983 ^s -1°38'46.530''	7.3	101	13.0	-4.6	138.4	-41.4	79.1	313	
2016/10/12 22:12:00	187 Lamberta	131.2	13.78	1.57	150	18.5	34°12'37'' 49°53'45''	264	19.4 25.1	UCAC2 43422067	12.50	6 ^h 02 ^m 24.171 ^s 33°11'44.221''	43.9	88	109.0	-46.5	114.7	14.6	85.7	205	
2016/10/13 00:00:16	288 Glauke	32.2	14.78	1.54	104	2.4	36°44'39'' 49°09'35''	162	6.0 7.1	UCAC2 34770474	13.53	2 ^h 33 ^m 22.381 ^s 8°38'47.644''	45.6	209	160.2	-36.3	62.7	-0.6	86.3	180	
2016/10/13 17:07:05	2624 Samitchell	22.9	17.02	3.35	147	1.4	37°08'01'' 48°50'41''	156	3.0 3.5	UCAC2 23991595	13.72	19 ^h 29 ^m 29.694 ^s -20°11'31.211''	16.9	203	90.4	-23.2	55.5	27.9	91.4	263	
2016/10/13 17:25:57	17445 Avatcha	10.5	17.26	4.20	203	0.6	38°18'47'' 48°46'56''	134	1.2 2.4	UCAC2 24479562	13.08	19 ^h 42 ^m 26.731 ^s -19°24'48.724''	17.3	205	93.5	-26.1	52.5	29.6	91.5	175	
2016/10/13 21:00:38	26481 AS200	5.5	17.93	8.98	249	0.5	36°15'39'' 52°16'48''	360	0.0 2.7	TYC 13800643	8.95	6 ^h 03 ^m 57.455 ^s 5°12'59.556''	12.6	97	108.7	-48.0	101.4	31.2	92.5	80	
2016/10/14 18:21:28	11734 KM55	11.0	17.64	4.03	66	1.2	37°04'19'' 50°21'17''	59	2.2 2.3	UCAC2 30609855	13.63	20 ^h 36 ^m 36.274 ^s -3°51'32.833''	31.7	211	108.3	-34.5	53.2	34.2	97.0	191	
2016/10/14 22:07:50	1530 Rantaseppa	7.2	17.10	6.34	217	0.6	37°27'04'' 48°15'10''	157	0.5 2.4	TYC 189900332	10.76	7 ^h 03 ^m 34.045 ^s 25°32'02.407''	29.5	84	97.4	-47.4	100.3	34.7	97.6	121	
2016/10/14 22:59:04	304 Olga	67.9	14.60	1.13	109	5.5	36°37'11'' 51°00'16''	13	13.4 16.8	UCAC2 33369238	13.94	6 ^h 59 ^m 39.293 ^s 4°47'22.187''	22.7	111	95.9	-43.8	99.8	29.6	97.8	160	
2016/10/15 18:11:13	11091 Theloinous	5.0	17.58	5.60	42	2.1	35°55'05'' 50°20'18''	321	1.7 1.8	UCAC2 39268920	11.98	5 ^h 10 ^m 54.161 ^s 21°11'48.200''	7.6	66	124.0	-33.4	61.6	31.6	99.7	113	
2016/10/16 03:20:14	925 Alphon-sina	54.3	12.70	0.56	167	5.7	34°26'48'' 49°08'10''	232	7.7 15.1	UCAC2 47597390	13.12	2 ^h 34 ^m 05.929 ^s 47°26'07.831''	43.8	296	138.7	-6.7	44.3	4.6	99.9	143	
2016/10/16 15:18:23	1468 Zomba	17.7	15.88	3.62	88	0.8	37°09'18'' 49°29'34''	135	4.7 6.4	UCAC2 24967204	12.30	19 ^h 20 ^m 25.607 ^s -18°16'09.211''	21.8	181	85.6	-6.8	101.0	1.0	99.6	110	
2016/10/16 17:23:15	7965 Kat-suhiko	10.5	16.99	4.30	67	2.7	35°24'53'' 50°16'11''	292	1.6 1.6	UCAC2 36216262	12.71	21 ^h 49 ^m 48.720 ^s 12°14'57.965''	52.2	173	126.6	-26.7	62.1	20.6	99.4	255	
2016/10/16 18:08:33	60300 XV176	6.9	16.18	5.96	89	1.0	37°10'59'' 49°29'38''	134	1.8 2.6	TYC 366800817	10.22	1 ^h 01 ^m 36.469 ^s 53°35'41.724''	64.5	66	135.2	-33.4	47.0	27.4	99.4	104	
2016/10/16 21:09:33	3543 Ningbo	13.2	18.43	7.25	35	1.2	36°31'02'' 49°46'13''	152	1.7 1.8	TYC 135901034	11.18	7 ^h 23 ^m 20.600 ^s 21°00'45.383''	15.1	75	94.3	-49.3	75.6	47.6	99.1	300	
2016/10/17 00:49:01	8832 Al-tenrath	5.5	17.50	6.11	75	0.6	36°16'34'' 50°43'10''	359	1.4 1.7	TYC 466400356	11.40	0 ^h 11 ^m 36.527 ^s 0° - 23'50.102''	11.4	255	158.6	-30.7	33.6	38.2	98.7	132	
2016/10/17 02:25:05	3842 Harlan-smith	8.7	16.77	5.28	47	0.8	36°11'38'' 50°28'08''	352	2.6 2.8	TYC 189201190	11.50	6 ^h 40 ^m 02.945 ^s 28°25'34.092''	68.6	177	105.0	-15.8	62.5	25.0	98.6	125	
2016/10/17 03:17:05	1068 Nofretete	26.8	15.78	2.00	146	3.4	35°23'51'' 48°52'25''	206	4.3 5.9	UCAC2 41491553	13.97	3 ^h 55 ^m 59.954 ^s 27°58'41.096''	44.8	261	140.6	-7.4	27.7	17.2	98.5	181	

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		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	Dist	Alt	Phase (%)	σ_{km}	
2016/10/17 18:26:30	39460 4332 T-3	6.3	18.66	6.94	130	0.5	35°41'02" 51°09'17"	341	1.0	TYC	11.72	3 ^h 21 ^m 55.943 ^s 23°01'33.124"	29.6	89	150.2	-36.2	11.5	24.6	96.1	200	
2016/10/17 18:31:32	8635 Yu-riosipov	5.5	17.72	6.03	204	0.5	36°59'06" 51°49'40"	14	0.5	UCAC2	11.69	6 ^h 45 ^m 22.271 ^s 23°52'55.218"	0.7	52	104.2	-36.8	53.4	25.4	96.0	124	
2016/10/17 23:45:48	11420 1999 KR14	5.5	17.07	6.25	37	0.8	36°00'56" 50°19'41"	328	2.0	TYC	10.83	6 ^h 08 ^m 46.178 ^s 21°02'59.769"	51.5	127	112.7	-39.6	41.5	52.4	94.9	101	
2016/10/18 00:46:08	2068 Dan-green	33.6	15.89	2.44	16	3.3	36°24'38" 49°55'25"	147	8.3	UCAC2	13.57	6 ^h 48 ^m 28.310 ^s 18°18'27.147"	51.7	136	103.3	-31.4	50.2	48.3	94.7	161	
2016/10/18 01:34:41	785 Zwetana	48.5	14.58	3.47	221	1.9	37°07'10" 48°08'27"	164	5.2	TYC	11.16	8 ^h 51 ^m 41.194 ^s 24°58'02.875"	46.8	108	76.5	-24.1	77.6	43.1	94.5	191	
2016/10/18 18:54:01	18684 1998 FW116	6.9	18.75	6.92	184	1.2	35°08'27" 51°31'48"	334	0.9	TYC	11.83	6 ^h 20 ^m 21.534 ^s 19°05'10.488"	3.8	65	110.7	-40.1	32.0	22.2	89.8	204	
2016/10/18 19:39:13	764 Gedania	58.3	14.71	2.81	89	11.0	36°47'35" 49°18'49"	156	11.4	UCAC2	11.98	6 ^h 10 ^m 26.298 ^s 24°31'21.925"	16.2	71	113.3	-45.0	29.8	29.2	89.5	179	
2016/10/18 21:47:47	9016 Henry-moore	6.9	16.81	5.46	75	1.0	35°47'55" 49°26'58"	208	1.9	UCAC2	11.36	20 ^h 21 ^m 57.048 ^s 16°15'59.708"	15.2	277	103.9	-49.6	110.6	47.3	89.0	117	
2016/10/19 00:46:05	23971 1998 YU9	5.8	18.77	7.17	56	0.5	36°20'60" 50°32'44"	5	1.2	TYC	11.60	7 ^h 05 ^m 09.420 ^s 11°59'02.565"	44.6	136	99.5	-31.7	39.9	55.4	88.0	175	
2016/10/19 18:17:23	451 Patientia	225.0	11.61	0.89	341	38.5	40°54'24" 50°55'01"	74	8.5	TYC	11.35	23 ^h 06 ^m 33.520 ^s -27°31'08.589"	12.3	173	127.2	-35.6	97.8	9.0	81.9	170	
2016/10/19 19:41:46	4223 Shikoku	22.9	15.31	2.78	9	3.9	36°12'22" 50°06'21"	319	5.3	UCAC2	12.61	4 ^h 12 ^m 13.941 ^s 29°01'45.027"	39.1	90	139.5	-45.6	17.2	21.9	81.3	172	
2016/10/19 19:52:25	1684 Ignassu	26.5	16.34	3.03	94	2.2	35°41'30" 50°48'19"	333	4.8	UCAC2	13.37	20 ^h 47 ^m 20.488 ^s -20°51'52.828"	5.9	227	102.0	-46.6	128.7	23.6	81.2	198	
2016/10/19 20:49:15	2874 Jim Young	9.1	16.45	5.00	163	0.8	37°35'13" 48°50'53"	145	1.2	UCAC2	11.46	6 ^h 58 ^m 51.461 ^s 22°11'35.900"	18.5	77	103.1	-50.0	25.4	32.4	80.8	116	
2016/10/19 21:49:21	6288 1984 ER1	9.1	16.82	6.72	202	0.8	37°34'17" 48°26'20"	153	1.0	TYC	10.11	1 ^h 17 ^m 00.017 ^s 5°10'51.536"	44.0	198	172.5	-49.9	59.3	41.3	80.4	157	
2016/10/20 01:20:23	6123 Aristoteles	6.9	17.53	7.59	238	0.9	38°34'52" 51°37'20"	43	0.4	TYC	9.94	6 ^h 23 ^m 55.496 ^s 11°02'05.276"	50.2	164	110.4	-26.8	16.2	58.0	79.0	135	
2016/10/20 02:18:02	38429 1999 RX231	6.0	18.57	6.71	106	0.6	36°59'10" 50°53'23"	28	1.1	TYC	11.86	3 ^h 57 ^m 59.098 ^s 24°46'09.164"	50.1	246	144.2	-17.7	21.5	55.0	78.7	187	
2016/10/21 03:00:28	11067 Greenancy	7.6	18.54	6.95	66	0.5	36°02'21" 49°28'41"	196	1.4	UCAC2	11.59	7 ^h 41 ^m 40.488 ^s 18°54'02.967"	58.9	173	93.9	-11.1	17.5	56.7	68.2	199	
2016/10/21 17:13:44	3816 Chugainov	15.1	17.01	3.72	225	1.9	38°20'44" 48°32'11"	139	1.6	UCAC2	13.32	20 ^h 56 ^m 54.138 ^s -11°45'44.092"	27.6	192	104.7	-26.8	151.6	-13.3	61.9	196	
2016/10/21 19:03:44	829 Academia	43.8	14.48	2.29	23	7.2	36°26'01" 49°51'54"	153	15.0	UCAC2	12.33	3 ^h 56 ^m 53.907 ^s 31°51'05.165"	38.6	84	143.3	-42.2	44.6	-0.5	61.1	114	
2016/10/21 20:23:51	5456 Merman	7.6	17.68	5.72	103	0.9	35°46'46" 50°55'09"	340	1.6	UCAC2	11.96	21 ^h 32 ^m 52.886 ^s -22°58'06.462"	4.8	225	109.3	-49.5	146.2	11.0	60.5	155	

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}
2016/10/22 02:52:15	3487 Edgeworth	10.5	16.02	4.03	50	0.9	36°27'42'' 49°36'42''	166	3.0	TYC 64800844	12.02	3 ^h 04 ^m 42.232 ^s 8°28'40.107''	23.0	255	160.8	-12.7	64.0	58.1	57.5	127
2016/10/22 03:33:55	1510 Charlois	23.8	15.80	2.36	137	4.3	37°24'51'' 49°03'39''	144	4.2	UCAC2 45482484	13.57	5 ^h 45 ^m 10.199 ^s 39°29'58.110''	63.7	260	120.5	-6.0	30.9	57.2	57.3	145
2016/10/22 03:59:42	1922 Zulu	11.5	19.38	7.18	44	0.7	36°09'04'' 50°25'60''	347	1.5	UCAC2 33519272	12.20	5 ^h 14 ^m 41.477 ^s 5°18'31.714''	29.7	239	128.5	-1.9	35.0	55.8	57.0	311
2016/10/22 04:04:20	54003 GN91	5.2	19.05	7.24	116	0.8	34°59'14'' 50°40'51''	307	0.9	TYC 188600177	11.81	6 ^h 18 ^m 39.097 ^s 27°01'59.411''	55.7	241	114.7	-1.2	18.5	55.4	57.0	188
2016/10/22 16:37:05	33653 JR84	5.8	18.58	7.62	63	1.1	37°07'49'' 50°13'28''	72	1.2	TYC 523100787	10.96	22 ^h 14 ^m 16.928 ^s -6°13'26.086''	32.1	161	123.6	-21.3	145.1	-21.3	51.2	178
2016/10/22 16:40:59	6810 Juancarlaia	14.5	16.73	7.65	163	1.2	38°05'05'' 49°09'24''	128	2.1	TYC 232601098	9.08	2 ^h 53 ^m 38.433 ^s 31°00'47.123''	26.1	72	155.3	-21.9	69.6	-21.1	51.3	184
2016/10/22 19:54:50	53401 JT115	6.9	18.66	7.65	58	0.6	36°57'20'' 50°21'05''	55	1.3	TYC 526011190	11.01	21 ^h 04 ^m 56.608 ^s 0°57'57.340''	25.1	238	108.5	-47.8	157.0	-2.1	49.8	201
2016/10/22 20:44:26	1253 Frisia	30.1	16.48	4.11	202	10.3	38°15'23'' 48°45'47''	135	3.3	UCAC2 40319060	12.39	5 ^h 59 ^m 28.941 ^s 24°20'38.818''	30.6	88	119.8	-50.9	31.0	4.8	49.3	151
2016/10/22 21:41:25	55103 QE138	6.6	17.91	5.90	183	1.4	34°05'38'' 50°54'42''	302	0.8	TYC 242100917	12.02	6 ^h 23 ^m 12.808 ^s 31°18'41.723''	40.8	88	114.4	-51.2	28.3	13.3	49.0	147
2016/10/22 21:43:41	4050 Mebailley	10.0	16.42	6.12	33	1.0	36°25'39'' 49°46'06''	162	2.7	TYC 64600228	10.30	2 ^h 43 ^m 31.373 ^s 13°33'17.064''	53.3	169	166.9	-51.1	78.2	13.6	49.0	144
2016/10/22 22:47:18	12183 SU1	7.6	18.21	6.45	69	0.5	36°35'22'' 49°27'38''	162	1.4	UCAC2 35688597	11.77	2 ^h 06 ^m 22.336 ^s 11°23'51.421''	48.7	208	176.1	-47.4	88.1	23.4	48.5	205
2016/10/23 04:09:22	1139 Atami	10.4	13.93	1.10	112	1.0	37°49'23'' 50°14'05''	79	0.8	UCAC2 36601203	13.31	5 ^h 56 ^m 55.387 ^s 13°41'35.813''	40.6	238	120.2	-0.7	35.7	56.1	46.1	52
2016/10/23 16:14:17	37153 VK57	6.0	17.62	6.08	211	1.2	39°12'43'' 50°18'24''	82	0.6	TYC 116100428	11.55	23 ^h 18 ^m 05.313 ^s 9°00'58.065''	38.9	130	141.7	-17.9	136.5	-25.2	40.8	158
2016/10/23 20:50:42	2109 Dhotel	13.7	15.31	6.47	82	1.4	35°53'10'' 50°44'24''	340	3.9	TYC 636300444	8.84	21 ^h 48 ^m 35.817 ^s -15°15'53.503''	9.2	233	113.5	-51.4	168.5	-3.5	39.0	70
2016/10/24 00:24:56	5733 1989 AQ	10.0	16.29	4.98	207	1.0	36°30'45'' 48°11'44''	176	1.0	TYC 63800228	11.32	2 ^h 32 ^m 04.511 ^s 12°41'36.009''	41.9	233	170.8	-36.1	95.8	28.6	37.4	144
2016/10/24 03:23:53	2274 Ehrsson	10.5	16.89	4.15	197	0.6	35°49'21'' 48°18'26''	190	1.3	UCAC2 39842763	12.77	8 ^h 09 ^m 48.633 ^s 22°36'42.514''	62.8	176	91.2	-8.1	18.0	50.7	36.2	170
2016/10/24 16:19:55	5234 Sechenov	12.6	16.89	3.04	136	0.6	37°49'07'' 50°47'20''	53	1.8	UCAC2 39045183	13.92	20 ^h 12 ^m 17.463 ^s 20°07'48.340''	58.9	201	97.6	-19.1	140.7	-27.3	30.9	245
2016/10/24 17:39:39	42946 TU95	5.8	18.17	6.78	109	1.2	37°07'53'' 49°14'27''	146	1.2	TYC 128101209	11.39	5 ^h 00 ^m 41.504 ^s 16°19'55.475''	6.0	72	135.5	-31.6	68.9	-27.8	30.5	147
2016/10/24 18:44:59	50321 CH51	5.8	18.71	7.18	77	1.0	37°08'18'' 49°37'19''	128	1.2	TYC 129400149	11.53	5 ^h 08 ^m 07.113 ^s 21°07'00.160''	18.6	79	133.6	-40.9	67.3	-24.9	30.0	173
2016/10/24 20:12:48	7650 Kaname	10.5	17.78	4.02	120	0.8	37°35'46'' 49°22'38''	129	1.7	UCAC2 35196301	13.79	7 ^h 27 ^m 08.891 ^s 9°43'53.303''	2.0	77	99.4	-49.9	35.5	-16.9	29.4	199

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}
2016/10/24 21:43:24	4686 Maisica	6.6	18.07	6.21	240	0.5	35°33'19" 52°09'04"	347	0.5	TYC 136601353	11.87	7 ^h 50 ^m 11.382 ^s 18°04'11.384"	19.0	84	95.6	-51.8	30.8	-5.4	28.8	156
2016/10/25 00:26:26	2781 Kleczek	13.8	15.52	3.43	3	1.7	36°18'13" 50°04'28"	22	4.2	UCAC2 36760597	12.14	3 ^h 17 ^m 24.760 ^s 14°29'24.951"	48.2	222	160.7	-36.1	97.4	19.1	27.8	131
2016/10/25 03:51:05	7510 1978 UF6	5.5	18.08	6.53	149	1.4	38°21'49" 50°06'55"	87	0.9	TYC 240400829	11.55	5 ^h 37 ^m 23.971 ^s 31°30'59.699"	52.9	257	126.4	-4.0	65.3	46.0	26.5	137
2016/10/25 19:41:41	68228 DD22	5.0	16.71	4.49	46	0.5	36°02'10" 49°39'49"	203	1.5	TYC 1500372	12.23	0 ^h 55 ^m 23.760 ^s 2°51'16.056"	42.6	170	161.1	-47.6	144.3	-27.5	20.9	122
2016/10/25 19:59:56	5143 Heracles	5.5	14.86	3.41	166	0.6	34°08'21" 49°30'02"	248	0.0	TYC 335801335	11.50	5 ^h 15 ^m 21.544 ^s 45°37'47.719"	45.8	68	127.3	-49.2	78.0	-26.0	20.8	44
2016/10/25 22:55:40	19608 NC57	11.5	17.59	6.09	154	1.3	36°11'01" 48°40'13"	183	1.7	UCAC2 39133034	11.50	7 ^h 17 ^m 45.847 ^s 20°53'50.765"	38.6	104	104.6	-47.5	51.9	-4.5	19.8	195
2016/10/26 00:23:42	19668 RB145	9.5	16.54	5.69	5	1.0	36°16'36" 50°00'22"	189	2.6	TYC 282600105	10.86	1 ^h 31 ^m 35.108 ^s 44°20'50.951"	53.6	282	147.3	-36.8	116.5	8.8	19.3	144
2016/10/26 03:49:52	1321 Majuba	36.3	14.36	1.38	121	3.0	35°11'44" 49°13'36"	220	7.0	UCAC2 40966372	13.33	1 ^h 46 ^m 15.754 ^s 26°03'37.628"	12.4	296	165.8	-4.5	127.1	38.0	18.2	151
2016/10/26 16:05:53	10583 Kane-tugu	13.2	16.85	4.51	91	0.6	37°32'43" 49°57'42"	96	2.5	UCAC2 16943719	12.36	20 ^h 17 ^m 48.581 ^s -35°28'21.592"	4.2	187	85.3	-17.4	128.3	-26.6	14.5	185
2016/10/26 16:47:47	673 Edda	37.5	15.67	2.32	251	1.9	34°29'23" 51°59'37"	329	3.5	UCAC2 25434493	13.48	20 ^h 02 ^m 30.918 ^s -17°24'49.744"	19.6	203	85.7	-24.1	129.9	-30.6	14.3	209
2016/10/26 17:41:53	3587 Descartes	9.5	17.93	7.98	185	0.5	38°39'06" 49°23'48"	113	1.1	TYC 691500234	9.95	20 ^h 28 ^m 45.919 ^s -27°05'28.241"	8.5	207	89.4	-32.5	133.0	-34.1	14.1	256
2016/10/26 17:43:10	56137 CW55	5.8	17.44	5.74	109	0.8	35°48'18" 50°58'25"	342	1.3	UCAC2 39796820	11.71	4 ^h 20 ^m 16.563 ^s 22°49'04.425"	18.9	77	146.3	-32.7	102.3	-34.2	14.1	123
2016/10/26 18:43:46	4206 Verulamium	11.0	16.61	3.38	156	1.0	34°56'59" 51°10'02"	323	1.7	UCAC2 38378315	13.28	3 ^h 16 ^m 15.254 ^s 18°52'52.264"	35.9	104	161.8	-41.3	118.4	-35.5	13.8	150
2016/10/26 19:32:23	665 Sabine	51.1	14.56	2.31	202	6.5	37°41'41" 48°29'12"	150	6.1	UCAC2 44800513	12.39	5 ^h 07 ^m 15.753 ^s 37°25'56.700"	38.7	75	132.6	-47.0	91.0	-34.4	13.6	221
2016/10/27 15:09:44	5301 Novobranets	12.6	18.15	4.79	12	0.5	36°07'41" 50°00'24"	248	1.6	UCAC2 27188698	13.37	19 ^h 20 ^m 01.133 ^s -13°21'09.358"	26.1	191	75.4	-8.6	108.7	-17.2	8.6	322
2016/10/27 17:43:01	1318 Nerina	13.0	16.35	5.02	49	0.9	36°37'21" 49°40'02"	150	3.5	UCAC2 41135276	11.34	0 ^h 54 ^m 11.972 ^s 26°50'10.721"	54.8	118	157.7	-33.0	150.1	-35.3	8.0	140
2016/10/27 21:07:29	1558 Jarnefelt	65.1	16.01	7.41	200	6.2	34°50'23" 51°35'42"	329	5.2	TYC 136602456	8.60	7 ^h 48 ^m 22.172 ^s 18°20'12.654"	15.7	80	99.0	-53.2	68.0	-35.1	7.3	116
2016/10/27 21:58:00	4644 Oumu	11.0	17.05	3.29	107	1.0	36°20'58" 51°00'39"	2	2.2	UCAC2 40642232	13.81	4 ^h 28 ^m 32.356 ^s 25°25'55.225"	59.1	133	145.1	-52.3	114.2	-30.2	7.1	161
2016/10/28 00:41:44	50717 EN138	7.2	18.12	7.35	35	0.5	36°12'53" 50°21'15"	351	1.6	TYC 470600675	10.77	2 ^h 54 ^m 02.416 ^s -5°06'44.918"	25.1	225	158.7	-34.7	141.8	-7.9	6.6	180
2016/10/28 01:06:16	3909 Gladys	13.8	17.40	4.99	27	0.5	36°40'11" 50°03'06"	89	2.5	UCAC2 32536695	12.42	9 ^h 22 ^m 55.582 ^s 2°10'32.825"	25.7	120	72.8	-31.0	45.2	-4.1	6.5	217

