

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: 171

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}
2015/11/01 02:26:14	56162 1999 DX2	5.0	18.83	7.75	161	0.6	34°06'55" 49°40'10"	255	0.7	TYC 481802187	11.08	7 ^h 00 ^m 52.132 ^s −3°18'42.462"	36.4	190	109.0	-19.1	21.9	56.5	73.9	172
2015/11/01 15:59:16	24477 2000 WH87	7.9	17.40	7.05	155	0.6	36°47'05" 51°24'21"	13	1.2	TYC 469100590	10.35	2 ^h 29 ^m 41.948 ^s 0° − 41'05.407"	5.5	98	164.9	-17.6	71.5	-18.0	68.6	174
2015/11/01 18:15:11	1214 Richilde	35.3	14.76	1.46	122	3.5	37°39'08" 49°24'10"	126	7.0	UCAC2 39957945	13.63	1 ^h 04 ^m 36.986 ^s 23°26'15.484"	57.1	134	158.8	-38.8	85.7	-3.7	67.6	121
2015/11/01 21:27:22	654 Zelinda	127.4	12.09	0.81	199	6.7	37°29'22" 48°26'28"	154	10.0	UCAC2 39312386	11.98	8 ^h 32 ^m 09.500 ^s 21°17'11.054"	16.7	77	93.9	-54.6	16.7	24.6	66.3	109
2015/11/02 02:12:40	4808 Ballaero	12.0	15.38	2.33	197	1.3	37°26'32" 51°39'44"	25	1.0	UCAC2 41653305	13.18	1 ^h 18 ^m 35.485 ^s 28°07'40.908"	20.7	290	159.1	-21.5	85.5	56.9	64.3	120
2015/11/02 14:57:52	6938 Soni-aterk	11.0	16.83	3.16	45	0.8	36°51'41" 49°53'39"	113	2.5	UCAC2 41659458	13.73	3 ^h 00 ^m 33.777 ^s 28°06'58.348"	13.6	62	164.6	-8.1	69.9	-24.3	59.1	168
2015/11/02 19:52:43	23120 Paulallen	11.5	15.92	2.89	103	1.2	36°25'11" 50°58'15"	5	2.7	UCAC2 33497202	13.11	21 ^h 55 ^m 16.256 ^s 4°30'48.490"	29.7	238	111.8	-50.9	147.7	1.3	57.0	115
2015/11/02 20:44:10	30480 2000 OH40	5.5	17.79	6.19	151	0.8	36°57'51" 48°45'36"	161	0.9	TYC 189801958	11.61	6 ^h 57 ^m 11.796 ^s 24°56'26.637"	28.2	84	116.9	-54.3	20.6	8.8	56.6	142
2015/11/02 23:57:59	5174 Okugi	7.6	17.47	5.67	42	1.6	35°50'55" 49°47'51"	228	2.0	TYC 74101396	11.80	6 ^h 37 ^m 53.866 ^s 12°11'12.750"	48.3	147	120.0	-42.2	25.4	38.2	55.2	145
2015/11/03 00:07:19	7836 1993 TG	11.5	17.80	6.20	142	1.0	35°20'19" 51°10'15"	332	1.8	UCAC2 36413149	11.61	4 ^h 57 ^m 49.260 ^s 13°21'28.363"	53.3	189	144.3	-41.0	49.4	39.5	55.2	206
2015/11/03 03:14:16	4391 Balodis	5.0	19.37	8.09	179	0.6	34°46'50" 48°46'11"	217	0.7	TYC 79201044	11.29	8 ^h 01 ^m 54.029 ^s 14°15'23.963"	54.1	191	100.5	-11.8	6.4	54.9	53.9	188
2015/11/03 17:12:01	343 Ostara	19.1	16.08	4.37	126	0.9	37°38'25" 49°19'25"	130	3.5	TYC 690600102	11.73	20 ^h 21 ^m 40.104 ^s −22°44'13.776"	12.1	210	81.6	-29.8	167.2	-23.8	48.2	156
2015/11/03 17:40:50	39934 1998 FP79	5.2	17.58	5.79	146	0.9	37°12'09" 48°53'02"	153	0.8	UCAC2 40144115	11.79	5 ^h 07 ^m 49.306 ^s 23°43'22.025"	16.2	72	142.7	-34.3	55.2	-21.8	48.1	121
2015/11/03 18:08:50	66848 1999 VX5	6.6	18.32	7.05	213	1.1	37°20'58" 48°15'60"	159	0.7	TYC 130902847	11.27	5 ^h 30 ^m 18.128 ^s 21°31'25.531"	15.5	75	137.6	-38.4	50.3	-19.4	47.9	179
2015/11/03 18:24:43	2687 Tortali	11.9	15.67	4.14	30	2.3	35°53'05" 49°58'11"	253	3.4	UCAC2 28124803	11.56	23 ^h 53 ^m 28.573 ^s −10°53'30.104"	29.1	176	132.6	-40.7	137.4	-17.8	47.8	136
2015/11/03 21:58:51	14831 Gen-tileschi	7.9	17.27	6.83	63	0.8	35°59'16" 50°34'35"	340	2.0	TYC 193300516	10.44	7 ^h 52 ^m 23.989 ^s 27°44'58.967"	34.0	86	106.0	-54.2	23.2	11.0	46.2	146
2015/11/04 00:31:56	68519 2001 VW15	15.1	19.33	6.02	118	2.9	36°02'60" 51°05'46"	352	1.4	UCAC2 35358559	13.31	6 ^h 26 ^m 40.960 ^s 10°29'35.890"	49.9	166	123.4	-37.7	40.6	34.2	45.2	415
2015/11/04 23:52:00	4268 Grebenikov	6.6	15.54	3.11	37	1.0	36°19'07" 50°22'34"	4	2.7	TYC 178801213	12.49	3 ^h 16 ^m 56.374 ^s 24°36'30.401"	56.3	232	167.1	-43.6	95.5	19.1	35.9	89
2015/11/05 00:39:15	2947 Kippenhahn	10.0	15.01	2.24	149	1.5	36°22'16" 51°23'18"	2	1.1	UCAC2 40467055	12.92	3 ^h 48 ^m 41.202 ^s 24°46'23.845"	54.4	237	161.1	-36.8	88.8	26.2	35.6	91
2015/11/05 01:18:06	41349 2000 AA24	10.0	17.71	3.79	135	0.7	36°31'54" 51°15'05"	7	1.6	UCAC2 35514247	13.95	3 ^h 59 ^m 00.518 ^s 10°46'00.768"	38.9	234	159.9	-30.9	89.0	31.7	35.4	198

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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}
2015/11/05 15:22:18	3872 Akirafu-jii	15.2	18.33	5.57	17	1.2	36°06'21" 49°56'39"	228	2.7	UCAC2 20757455	12.77	21 ^h 32 ^m 58.509 ^s -27°28'12.518"	11.9	169	93.9	-12.6	155.8	-28.6	30.2	225
2015/11/05 20:37:37	6362 Tunis	39.5	16.34	3.70	208	16.2	36°45'51" 51°53'31"	9	4.3	UCAC2 35536554	12.68	6 ^h 15 ^m 46.113 ^s 10°40'00.995"	25.1	104	127.8	-54.9	64.8	-18.6	28.4	164
2015/11/05 20:37:37	6362 Tunis	39.5	16.34	3.63	208	16.2	36°45'51" 51°53'31"	9	4.3	TYC 73500438	12.75	6 ^h 15 ^m 46.113 ^s 10°40'00.995"	25.1	104	127.8	-54.9	64.8	-18.6	28.4	164
2015/11/05 20:48:48	4395 Danbritt	9.1	18.13	6.34	206	1.5	39°09'39" 50°11'36"	85	1.1	UCAC2 35715305	11.79	6 ^h 15 ^m 30.360 ^s 11°11'48.242"	27.3	106	128.0	-55.4	65.2	-17.2	28.2	199
2015/11/05 21:39:23	982 Franklina	34.7	14.68	1.40	220	2.5	37°14'14" 48°10'15"	162	3.5	UCAC2 43910589	13.63	2 ^h 32 ^m 35.788 ^s 34°49'17.769"	74.0	203	160.7	-55.6	111.7	-10.3	27.9	168
2015/11/05 23:45:43	8645 1988 TN	6.3	17.51	6.66	31	2.2	35°51'32" 50°02'44"	270	1.9	TYC 243501083	10.85	6 ^h 40 ^m 07.553 ^s 30°01'56.816"	64.0	131	124.0	-44.7	62.1	8.7	27.2	126
2015/11/06 00:03:23	879 Ricarda	20.9	16.33	2.79	133	0.9	36°22'13" 51°14'16"	3	3.2	UCAC2 33752369	13.62	9 ^h 40 ^m 36.259 ^s 5°48'50.153"	21.6	107	77.7	-42.3	16.2	11.5	27.0	215
2015/11/06 00:49:47	66925 1999 VZ190	5.8	17.15	6.04	148	0.5	34°51'23" 49°06'03"	224	0.9	TYC 330200181	11.12	2 ^h 22 ^m 35.859 ^s 49°22'48.151"	53.4	292	146.0	-35.5	107.7	18.5	26.7	133
2015/11/06 01:58:35	16955 1998 KU48	10.5	16.21	2.59	170	3.8	36°59'40" 51°30'25"	17	1.5	UCAC2 36067394	13.73	5 ^h 48 ^m 58.920 ^s 12°12'10.110"	47.7	215	134.8	-24.7	74.2	28.5	26.3	149
2015/11/06 04:07:19	161664 2006 DM16	9.5	20.30	8.79	84	1.2	36°15'49" 49°17'46"	181	0.9	TYC 72501830	11.51	6 ^h 04 ^m 52.127 ^s 11°22'17.778"	32.7	246	130.9	-4.3	71.5	42.4	25.6	429
2015/11/06 14:40:53	3731 Hancock	49.3	17.18	3.38	183	1.7	37°05'50" 48°29'14"	162	5.5	UCAC2 28086415	13.85	19 ^h 03 ^m 27.237 ^s -10°30'41.022"	28.0	198	63.0	-6.4	117.8	-23.2	22.1	296
2015/11/06 15:44:57	13352 Gyssens	7.9	17.07	5.52	145	1.0	34°47'36" 50°56'18"	313	1.3	UCAC2 41500163	11.56	5 ^h 17 ^m 31.509 ^s 27°30'34.430"	3.3	49	142.9	-16.5	87.7	-30.3	21.8	141
2015/11/06 17:24:07	1498 Lahti	14.5	16.23	2.98	83	2.5	37°27'04" 50°01'55"	91	3.3	UCAC2 41162124	13.33	5 ^h 56 ^m 03.358 ^s 26°58'07.887"	10.9	61	134.5	-32.4	80.0	-36.4	21.2	153
2015/11/06 18:28:12	91187 1998 RW66	6.6	17.43	6.37	234	0.8	35°00'26" 51°59'35"	337	0.6	TYC 332901964	11.06	4 ^h 26 ^m 23.738 ^s 46°09'56.727"	46.2	68	143.1	-41.9	96.8	-36.3	20.9	181
2015/11/06 22:07:37	73485 2002 PA73	5.0	19.15	8.03	35	0.5	35°50'16" 50°10'46"	295	0.9	TYC 10101064	11.12	5 ^h 26 ^m 24.135 ^s 1°03'50.927"	35.8	145	137.7	-54.7	90.2	-15.3	19.7	213
2015/11/07 15:25:26	1605 Mi-lankovitch	32.5	16.43	3.21	18	0.8	36°07'17" 50°10'03"	319	4.2	UCAC2 26486742	13.28	17 ^h 32 ^m 55.571 ^s -14°46'05.961"	11.4	230	39.5	-13.6	83.6	-26.7	14.6	304
2015/11/07 17:05:17	1284 Latvia	36.8	13.83	1.49	43	11.0	36°53'30" 50°03'14"	89	12.3	UCAC2 37110467	12.66	23 ^h 32 ^m 02.696 ^s 14°44'16.614"	53.2	157	132.6	-29.6	163.6	-37.1	14.1	110
2015/11/08 15:28:44	1548 Palomaa	26.5	17.16	4.85	84	0.9	36°40'33" 49°19'58"	161	4.1	UCAC2 21655757	12.33	19 ^h 40 ^m 04.789 ^s -25°23'23.411"	12.4	199	66.9	-14.3	100.9	-24.6	8.6	244
2015/11/08 15:57:51	856 Back-lunda	52.0	15.80	2.22	261	1.2	37°47'46" 47°55'30"	155	4.7	UCAC2 24886572	13.73	17 ^h 31 ^m 52.478 ^s -18°08'40.888"	3.7	236	37.9	-19.0	71.4	-28.6	8.5	222
2015/11/08 18:12:23	22754 1998 WJ8	11.5	17.32	5.65	162	1.3	36°58'49" 48°39'35"	162	1.7	UCAC2 39105102	11.68	5 ^h 39 ^m 18.290 ^s 20°43'19.559"	17.1	78	140.6	-40.1	107.8	-42.4	8.0	188

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Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2015/11/08 20:44:41	5610 Balster	9.1	16.99	5.48	200	0.8	34°56'19" 51°37'37"	331	1.0	TYC 126001448	11.51	3 ^h 51 ^m 03.768 ^s 20°53'23.415"	56.0	140	165.8	-56.1	134.1	-41.1	7.5	152
2015/11/08 22:52:06	40246 1998 WV18	12.6	18.56	7.55	159	0.8	36°10'57" 48°37'13"	183	1.5	TYC 22500133	11.01	8 ^h 59 ^m 05.562 ^s 6°57'42.371"	19.6	103	90.8	-51.7	60.9	-27.1	7.0	281
2015/11/09 00:00:01	53527 2000 AM164	6.9	17.38	7.05	38	0.6	36°05'14" 49°43'44"	202	1.6	TYC 328301676	10.33	1 ^h 44 ^m 57.365 ^s 47°06'35.031"	52.5	289	146.2	-43.5	136.7	-17.2	6.8	165
2015/11/09 14:40:02	5105 West- hout	13.6	16.26	3.55	11	1.6	36°09'46" 49°59'14"	233	4.0	UCAC2 32803800	12.76	22 ^h 37 ^m 37.637 ^s 2°44'17.589"	34.5	137	114.9	-6.9	137.1	-13.5	4.2	134
2015/11/09 19:39:56	22016 1999 XU101	8.3	17.38	6.41	112	0.7	37°13'20" 49°14'25"	143	1.5	TYC 177901289	10.97	2 ^h 35 ^m 49.960 ^s 29°07'26.161"	64.8	138	166.7	-51.6	154.7	-47.8	3.5	184
2015/11/10 00:36:11	752 Sulamitis	62.8	13.78	2.29	269	7.9	36°05'12" 52°27'40"	357	1.3	TYC 2101001	11.63	1 ^h 24 ^m 36.967 ^s 0°25'39.757"	11.2	257	151.6	-38.5	170.0	-21.1	2.8	111
2015/11/10 03:20:11	29043 2024 T- 2	6.3	17.58	8.70	50	1.7	36°48'27" 49°44'49"	132	2.5	TYC 244400132	8.88	6 ^h 52 ^m 14.465 ^s 35°19'02.400"	62.5	250	125.3	-12.5	107.4	3.9	2.5	87
2015/11/10 14:54:53	14341 1983 RV3	6.3	17.13	4.99	176	0.6	37°14'10" 48°35'42"	157	0.8	TYC 4400481	12.15	2 ^h 12 ^m 58.233 ^s 7°01'36.430"	9.4	90	164.6	-9.4	176.5	-11.5	1.3	127
2015/11/10 15:36:02	5166 Olson	6.3	17.66	6.32	96	1.0	35°59'29" 50°53'05"	347	1.5	TYC 467300813	11.34	0 ^h 43 ^m 36.109 ^s -1°41'22.520"	22.4	123	141.3	-15.9	153.8	-18.0	1.2	135
2015/11/10 17:47:49	5976 Kalata- jean	12.6	17.35	4.24	223	1.9	37°51'45" 48°19'47"	149	1.4	UCAC2 44994510	13.13	7 ^h 34 ^m 18.853 ^s 37°58'40.221"	12.2	44	117.4	-36.9	105.8	-37.6	1.0	206
2015/11/10 19:41:11	962 Aslog	39.5	15.49	1.95	40	6.0	36°32'15" 49°43'32"	153	11.3	UCAC2 32983939	13.74	1 ^h 10 ^m 52.943 ^s 3°41'45.723"	43.8	185	149.7	-51.9	160.1	-49.3	0.9	133
2015/11/10 20:57:51	5251 Brad- wood	6.0	17.95	7.91	134	0.6	37°45'16" 50°48'00"	51	1.1	TYC 76101133	10.04	7 ^h 02 ^m 41.575 ^s 14°03'55.760"	26.6	100	122.2	-57.1	113.1	-51.3	0.8	141
2015/11/10 22:45:09	80770 2000 CB61	5.8	17.69	8.21	92	0.6	37°13'42" 49°29'14"	133	1.2	HIP 11324	9.48	2 ^h 25 ^m 44.981 ^s -21°18'47.324"	13.7	209	140.4	-52.9	147.1	-44.6	0.7	155
2015/11/11 15:42:11	1336 Zee- landia	21.0	16.21	3.45	249	0.6	39°01'18" 48°41'57"	128	2.0	UCAC2 22323436	12.81	18 ^h 42 ^m 33.216 ^s -23°57'21.836"	7.4	218	51.0	-17.1	52.2	-14.1	0.1	237
2015/11/12 01:12:16	27510 2000 GD143	5.5	17.13	6.29	133	0.6	36°37'42" 48°52'34"	169	1.0	TYC 6000031	10.84	3 ^h 28 ^m 55.636 ^s 2°43'39.561"	25.1	242	164.3	-33.4	168.2	-33.9	0.2	140
2015/11/12 01:13:57	1551 Arge- lander	23.3	17.45	7.11	190	0.7	36°15'48" 51°45'15"	360	2.9	TYC 27700656	10.35	11 ^h 35 ^m 59.281 ^s 5°09'01.975"	17.8	104	56.7	-33.1	60.1	-33.7	0.2	217
2015/11/12 02:29:50	1193 Africa	15.1	16.54	3.37	240	1.9	33°01'12" 49°34'40"	257	1.3	UCAC2 43602038	13.22	6 ^h 34 ^m 46.433 ^s 33°44'21.148"	65.1	239	130.9	-21.0	133.7	-22.2	0.3	170
2015/11/12 03:51:27	4124 Herriot	19.8	17.33	5.48	149	2.5	35°34'21" 48°47'15"	200	3.1	UCAC2 39843747	11.86	8 ^h 21 ^m 14.424 ^s 22°51'53.203"	58.9	217	107.0	-8.1	111.3	-9.6	0.3	185
2015/11/12 18:43:29	16913 1998 EK9	7.6	16.43	4.00	164	0.9	34°12'03" 49°27'01"	246	1.1	TYC 701100446	12.45	2 ^h 43 ^m 51.044 ^s -31°08'57.998"	4.0	153	130.7	-45.4	129.2	-36.6	1.2	133
2015/11/12 19:45:42	93817 2000 WQ61	5.0	19.78	8.01	118	0.6	34°50'26" 50°33'34"	299	0.8	UCAC2 23037435	11.77	22 ^h 52 ^m 47.773 ^s -22°02'57.827"	9.3	218	105.6	-52.9	94.9	-45.2	1.3	229

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2015/11/13 00:50:46	3403 Tammy	8.7	16.10	4.06	230	0.9	36°28'24" 47°59'02"	177	0.4	TYC 63300728	12.07	2 ^h 11 ^m 22.283 ^s 10°55'01.117"	22.5	260	164.1	-37.0	149.5	-45.2	1.8	114
2015/11/13 03:53:43	15100 2000 AP144	8.3	17.13	5.44	131	0.8	34°41'52" 49°28'02"	240	1.4	UCAC2 45917362	11.70	0 ^h 58 ^m 06.598 ^s 40°33'23.637"	9.8	325	143.4	-8.0	130.3	-18.2	2.2	177
2015/11/13 03:58:29	2263 Shaanxi	20.7	15.82	3.34	4	2.6	36°13'33" 50°02'27"	260	5.1	UCAC2 42210667	12.53	6 ^h 04 ^m 38.385 ^s 29°52'53.078"	43.5	266	138.8	-7.3	153.0	-17.5	2.1	162
2015/11/13 04:28:27	82994 2001 QP154	5.5	16.95	5.72	201	0.5	39°05'29" 49°58'09"	92	0.5	UCAC2 45467932	11.24	4 ^h 41 ^m 12.495 ^s 39°26'42.171"	32.0	295	150.8	-2.8	156.9	-12.9	2.2	123
2015/11/13 13:48:29	8281 1991 PC18	7.6	16.92	5.01	132	0.8	38°00'39" 49°37'46"	111	1.4	UCAC2 39084325	11.92	1 ^h 44 ^m 27.586 ^s 20°59'43.409"	15.7	76	159.0	-0.1	137.9	11.9	3.5	137
2015/11/13 16:08:49	13260 Sabadell	6.9	17.42	6.43	204	0.6	38°46'16" 49°10'40"	119	0.8	TYC 236600492	10.99	4 ^h 11 ^m 15.920 ^s 35°25'45.749"	25.3	64	158.2	-21.7	160.2	-6.4	3.8	155
2015/11/13 18:31:58	3786 Yamada	19.1	15.00	3.87	129	1.4	37°45'24" 49°22'58"	125	3.5	TYC 181000909	11.16	3 ^h 30 ^m 51.383 ^s 29°30'54.035"	50.2	103	167.7	-44.0	157.8	-28.5	4.2	141
2015/11/13 20:38:22	36289 2000 FP11	11.0	17.82	6.90	39	1.5	36°24'25" 50°23'29"	13	2.2	UCAC2 41699320	10.93	7 ^h 04 ^m 50.333 ^s 28°18'07.492"	35.4	87	126.4	-57.1	148.9	-46.9	4.5	199
2015/11/13 21:25:30	4793 Slessor	7.9	17.46	6.48	201	0.6	35°18'47" 51°44'34"	340	0.9	TYC 64300822	10.98	2 ^h 53 ^m 33.303 ^s 10°16'54.210"	50.0	191	170.8	-58.1	148.6	-52.3	4.7	162
2015/11/13 21:32:28	13312 1998 RK68	6.0	16.77	4.56	175	0.6	37°22'44" 48°38'38"	153	0.7	TYC 66300223	12.23	3 ^h 43 ^m 40.378 ^s 14°36'59.058"	54.7	174	172.2	-58.0	161.5	-53.0	4.7	120
2015/11/14 03:06:21	4291 Kodaihasu	15.8	16.33	2.62	165	1.2	36°01'45" 48°34'19"	186	2.3	UCAC2 39797698	13.82	4 ^h 28 ^m 31.661 ^s 22°34'28.293"	30.7	269	162.2	-15.6	168.8	-34.2	5.8	174
2015/11/14 17:51:37	1819 Laputa	48.9	15.56	2.58	51	2.3	36°52'51" 49°47'53"	123	10.1	UCAC2 19048468	13.09	21 ^h 34 ^m 28.821 ^s -30°41'14.147"	3.9	209	84.3	-38.2	53.2	-14.9	9.0	185
2015/11/14 20:06:15	7071 1995 BH4	9.1	18.39	8.03	154	0.6	35°41'58" 51°22'42"	344	1.3	TYC 469800243	10.36	2 ^h 33 ^m 22.971 ^s 0° - 55'58.887"	38.9	171	157.9	-55.2	128.1	-35.7	9.6	228
2015/11/14 21:14:45	30928 Jefferson	6.3	17.07	6.41	198	0.7	37°55'09" 51°29'44"	36	0.5	TYC 293401310	10.67	6 ^h 13 ^m 07.119 ^s 41°18'27.803"	58.2	88	136.2	-58.4	156.5	-45.5	9.8	121
2015/11/15 02:17:57	33294 1998 KM35	6.0	19.55	7.84	61	0.7	35°30'26" 49°49'35"	246	1.0	TYC 244201690	11.71	7 ^h 08 ^m 18.601 ^s 32°16'33.820"	68.2	223	127.0	-23.6	159.8	-48.5	11.1	229
2015/11/15 03:29:00	18137 2000 OU30	20.9	17.92	3.97	190	1.4	36°47'04" 51°43'27"	11	2.2	UCAC2 38020616	13.98	4 ^h 42 ^m 05.249 ^s 17°37'50.450"	25.0	268	160.3	-12.3	160.0	-38.8	11.5	323
2015/11/15 20:09:55	14031 Rozyo	10.0	16.28	3.45	160	2.0	36°46'53" 51°26'56"	13	1.5	UCAC2 39296800	12.88	6 ^h 51 ^m 54.976 ^s 21°20'34.507"	29.2	91	130.8	-55.8	176.1	-28.1	16.3	180
2015/11/15 21:15:07	1029 La Plata	20.8	15.63	3.27	71	5.5	36°23'38" 49°24'49"	174	4.7	UCAC2 40836659	12.41	6 ^h 41 ^m 56.733 ^s 25°48'55.922"	44.5	103	133.5	-58.6	172.1	-37.9	16.7	160
2015/11/15 23:27:34	2751 Campbell	20.0	16.94	3.59	122	1.1	36°09'47" 48°57'25"	184	3.6	UCAC2 36296082	13.39	9 ^h 39 ^m 55.869 ^s 12°38'34.203"	27.5	104	90.0	-49.5	139.1	-54.3	17.5	174
2015/11/16 00:25:01	40847 1999 TU102	6.9	17.68	7.03	46	0.9	35°57'40" 49°41'34"	211	1.7	TYC 19500739	10.65	8 ^h 10 ^m 50.884 ^s 1°18'27.294"	36.8	148	107.5	-41.5	154.8	-57.7	17.9	158

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}
2015/11/16 01:11:38	3750 Ilizarov	12.6	17.83	6.10	117	0.5	36°26'12'' 51°05'52''	5	1.9 2.2	TYC 142800798	11.73	10 ^h 44 ^m 36.205 ^s 16°33'05.968''	36.7	109	76.9	-34.4	125.5	-57.7	18.1	228
2015/11/16 04:36:48	4942 Munroe	6.9	17.95	6.17	251	1.2	33°50'60'' 48°26'58''	224	0.4 1.9	TYC 138701681	11.78	8 ^h 25 ^m 51.035 ^s 18°52'12.974''	48.9	233	109.1	-2.3	160.3	-36.0	19.2	149
2015/11/16 18:31:26	11355 1997 XL11	7.2	17.64	7.29	175	0.8	37°08'35'' 48°34'34''	160	1.0 1.9	TYC 130501139	10.35	5 ^h 31 ^m 59.766 ^s 19°19'25.832''	25.3	90	150.2	-44.5	150.9	-4.2	24.2	154
2015/11/16 18:57:02	3447 Burckhalter	12.0	15.61	2.86	192	2.4	38°35'49'' 49°11'42''	120	1.2 3.8	UCAC2 33681141	12.83	23 ^h 16 ^m 24.727 ^s 5°25'10.710''	40.1	216	117.9	-48.0	59.1	-7.9	24.3	126
2015/11/17 03:26:04	24324 2000 AT51	10.5	17.27	4.22	223	0.8	38°16'09'' 51°36'39''	39	1.1 2.2	UCAC2 43400702	13.07	4 ^h 17 ^m 15.010 ^s 33°22'21.496''	31.4	286	161.6	-13.1	128.3	-50.8	27.8	193
2015/11/17 03:32:04	97494 2000 CW81	5.2	19.25	7.49	251	0.7	37°08'36'' 52°14'24''	14	0.5 1.0	TYC 131800117	11.76	6 ^h 14 ^m 04.216 ^s 17°13'27.395''	37.5	251	140.5	-12.2	155.7	-50.2	27.8	205
2015/11/17 15:39:09	13039 Awashima	11.0	17.86	7.43	111	0.8	36°45'35'' 49°06'10''	162	1.8 2.0	TYC 4901558	10.44	2 ^h 35 ^m 14.853 ^s 3°13'32.206''	14.4	102	159.4	-17.6	93.9	22.3	32.7	215
2015/11/17 20:51:38	60288 1999 XW114	10.5	16.67	5.88	153	0.7	34°47'24'' 51°02'32''	316	1.7 2.6	HIP 15466	10.79	3 ^h 19 ^m 26.342 ^s 38°00'47.100''	77.9	165	160.8	-58.7	107.7	-15.7	35.0	160
2015/11/17 21:59:37	47138 1999 FS35	6.3	18.47	7.72	146	0.8	34°42'12'' 49°13'41''	231	1.0 1.3	TYC 539500662	10.75	7 ^h 22 ^m 19.945 ^s -7°41'24.992''	19.1	129	117.0	-58.1	151.1	-26.1	35.5	198
2015/11/18 00:22:26	32521 2001 OR80	6.6	16.35	4.42	224	0.6	35°25'38'' 51°59'12''	344	0.3 2.3	UCAC2 37119808	11.95	2 ^h 57 ^m 59.530 ^s 15°05'34.820''	34.4	251	171.2	-42.4	97.2	-45.8	36.6	114
2015/11/18 01:05:52	22434 1996 GE6	5.8	17.50	6.02	130	0.5	35°50'40'' 48°54'55''	194	1.0 1.5	TYC 64600563	11.49	2 ^h 49 ^m 41.415 ^s 13°39'37.330''	25.1	261	168.7	-35.7	94.5	-50.2	36.9	154
2015/11/18 01:09:42	4980 Mago-maev	11.0	16.97	3.84	230	4.3	37°47'21'' 51°53'21''	28	0.9 2.8	UCAC2 40334836	13.17	6 ^h 53 ^m 54.303 ^s 24°00'32.578''	63.6	194	132.8	-35.1	152.2	-50.5	36.8	155
2015/11/18 14:17:35	19693 1999 RU230	9.5	16.56	5.29	206	0.8	36°39'30'' 48°12'56''	173	1.0 2.5	UCAC2 36232767	11.27	3 ^h 16 ^m 01.722 ^s 12°42'49.960''	2.8	73	172.3	-5.1	93.2	27.0	42.6	152
2015/11/18 15:18:35	824 Anastasia	34.1	15.59	2.12	213	1.1	37°38'33'' 48°21'09''	153	3.9 6.6	UCAC2 24242471	13.64	20 ^h 20 ^m 01.518 ^s -19°55'02.848''	18.3	198	66.9	-14.5	15.5	27.7	43.1	206
2015/11/18 21:20:20	2748 Patrick Gene	11.0	16.85	4.71	99	1.3	36°40'40'' 49°11'43''	164	2.3 2.9	UCAC2 30782404	12.15	23 ^h 10 ^m 09.962 ^s -3°27'42.582''	12.2	249	111.2	-59.4	26.2	-9.7	45.8	153
2015/11/18 21:38:28	4254 Kamel	13.2	15.39	2.34	52	1.9	37°00'29'' 50°06'47''	82	4.2 4.7	UCAC2 33535076	13.19	6 ^h 29 ^m 13.145 ^s 5°29'28.758''	35.0	131	135.4	-59.2	134.7	-12.5	46.1	112
2015/11/18 21:45:18	15748 1991 RG25	7.6	17.80	6.73	39	0.7	36°10'60'' 50°23'13''	349	1.8 1.9	TYC 130601375	11.07	5 ^h 40 ^m 18.771 ^s 19°47'22.056''	54.1	138	150.5	-59.0	124.1	-13.5	46.1	160
2015/11/18 23:48:11	27000 1998 BO44	11.0	18.31	4.83	112	0.5	36°07'17'' 51°02'55''	354	1.6 1.8	UCAC2 36298278	13.49	10 ^h 40 ^m 19.783 ^s 12°57'53.633''	23.4	98	79.4	-47.5	164.1	-32.0	47.1	240
2015/11/19 19:06:02	10535 1991 RB1	7.6	16.37	5.07	123	0.7	35°11'39'' 50°54'26''	321	1.5 2.3	UCAC2 39612228	11.31	3 ^h 32 ^m 57.381 ^s 22°06'57.106''	52.7	126	177.0	-49.7	82.5	19.4	56.0	131
2015/11/19 21:04:09	50829 2000 FV37	5.5	17.74	6.04	219	0.7	35°30'04'' 48°09'11''	195	0.4 1.6	TYC 188201383	11.70	6 ^h 18 ^m 00.319 ^s 25°23'01.313''	48.6	110	142.9	-59.5	119.2	3.5	56.9	135

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}
2015/11/20 00:49:27	51126 2000 HR36	5.2	17.61	5.70	96	1.2	37°37'34'' 49°58'60''	94	1.2 1.6	UCAC2 38242612	11.92	7 ^h 19 ^m 07.935 ^s 18°16'24.608''	58.4	176	128.3	-38.7	131.9	-30.0	58.6	130
2015/11/20 03:06:11	7897 Bohuska	6.0	20.04	9.32	139	0.5	37°10'03'' 51°09'39''	27	0.8 0.9	TYC 83100002	10.72	9 ^h 42 ^m 20.986 ^s 10°44'38.227''	50.8	174	93.0	-16.9	165.8	-44.4	59.8	259
2015/11/20 14:25:21	1521 Seina-joki	14.5	15.28	1.98	211	1.5	38°03'19'' 48°32'47''	143	1.1 4.7	UCAC2 41483622	13.49	2 ^h 09 ^m 28.024 ^s 27°59'46.044''	27.0	78	157.3	-6.6	55.7	28.1	64.9	122
2015/11/20 18:32:16	4801 Ohre	8.7	15.72	4.94	178	1.0	37°17'02'' 48°35'06''	156	1.0 2.9	TYC 127600375	10.79	4 ^h 17 ^m 28.826 ^s 21°04'46.721''	41.1	107	171.7	-45.2	78.8	31.7	66.8	121
2015/11/21 02:43:02	3061 Cook	26.5	16.59	6.08	172	2.6	35°27'28'' 48°35'55''	200	3.7 6.4	TYC 131101546	10.51	5 ^h 50 ^m 07.161 ^s 21°52'08.281''	42.5	252	150.5	-20.8	95.4	-33.7	70.5	164
2015/11/21 02:51:01	654 Zelinda	127.4	11.68	0.95	21	8.9	36°00'27'' 49°59'28''	253	49.4 50.5	TYC 139401784	11.32	8 ^h 56 ^m 52.832 ^s 16°14'56.282''	56.2	188	106.2	-19.5	139.6	-34.6	70.6	93
2015/11/21 16:03:03	14274 Land-street	10.5	17.20	3.91	169	0.8	34°06'60'' 50°39'57''	294	1.5 2.3	UCAC2 46786236	13.32	4 ^h 13 ^m 57.294 ^s 43°53'35.752''	34.2	60	155.2	-22.0	71.1	36.4	76.2	179
2015/11/21 19:07:53	29870 1999 GV4	8.7	15.82	5.38	29	0.9	36°00'43'' 50°14'16''	317	2.9 3.0	TYC 66200471	10.45	3 ^h 57 ^m 04.438 ^s 10°09'39.389''	40.7	131	170.0	-50.3	57.7	37.4	77.5	116
2015/11/21 20:20:05	8019 Karachk-ina	5.2	18.62	7.50	11	0.5	36°15'45'' 49°57'13''	189	1.3 1.3	UCAC2 30620079	11.12	22 ^h 41 ^m 58.999 ^s -3°32'26.578''	15.2	245	101.6	-57.8	22.6	30.8	77.9	159
2015/11/21 23:33:41	7784 Watter-son	6.6	17.37	6.76	223	0.5	39°10'02'' 49°18'49''	112	0.4 2.1	TYC 479801220	10.61	6 ^h 34 ^m 43.417 ^s -1°35'41.771''	38.0	169	133.7	-50.0	94.0	3.9	79.3	125
2015/11/22 00:34:31	9895 1996 BR3	5.8	17.40	6.47	84	2.1	35°23'55'' 49°33'26''	229	1.5 2.0	TYC 192200242	10.93	7 ^h 29 ^m 46.216 ^s 28°29'06.779''	68.1	164	129.1	-41.4	104.4	-5.4	79.6	114
2015/11/22 01:34:38	27188 1999 CL46	6.9	17.13	5.47	242	0.7	35°06'27'' 48°00'51''	200	0.4 2.0	TYC 177000875	11.67	2 ^h 24 ^m 05.027 ^s 25°29'58.846''	22.6	283	159.9	-32.0	37.5	-14.3	80.1	139
2015/11/22 02:19:27	3116 Goodricke	10.5	16.31	4.69	208	4.5	38°59'22'' 49°23'48''	111	0.8 3.5	UCAC2 39841921	11.63	8 ^h 00 ^m 34.490 ^s 22°40'02.366''	61.3	203	121.6	-24.8	111.3	-20.5	80.2	118
2015/11/22 02:26:23	238 Hypatia	148.5	14.16	3.71	30	4.9	36°24'32'' 49°47'28''	163	23.3 23.4	TYC 493500541	10.48	11 ^h 52 ^m 07.760 ^s -3°26'17.917''	24.4	130	59.8	-23.7	171.6	-21.4	80.4	249
2015/11/22 17:13:30	86163 1999 RT205	7.6	17.69	6.20	222	0.6	33°52'08'' 51°19'36''	309	0.8 1.6	TYC 235701627	11.49	3 ^h 59 ^m 32.588 ^s 31°23'53.392''	39.9	87	168.5	-33.4	49.9	42.2	85.8	184
2015/11/22 17:28:20	2263 Shaanxi	20.7	15.64	1.88	143	2.1	37°15'09'' 48°55'42''	151	3.5 5.3	UCAC2 42557547	13.97	5 ^h 58 ^m 58.298 ^s 30°38'00.113''	23.0	69	149.3	-35.8	74.5	43.2	85.9	157
2015/11/22 17:36:26	22710 1998 RF75	7.2	19.12	7.43	236	0.6	36°52'40'' 47°57'41''	170	0.7 1.3	TYC 524000302	11.69	22 ^h 40 ^m 47.718 ^s -6°48'51.730''	30.3	205	99.3	-37.0	36.7	43.6	85.9	228
2015/11/23 00:07:37	283402 2000 SX16	9.5	20.44	8.96	134	1.6	37°06'45'' 51°08'09''	26	0.6 0.6	TYC 247601030	11.48	8 ^h 02 ^m 26.616 ^s 34°25'42.686''	68.4	128	123.4	-45.6	96.1	10.5	88.1	639
2015/11/23 03:13:48	6955 Ekate-rina	11.0	17.18	5.95	251	1.3	37°55'30'' 52°03'05''	28	0.9 2.6	TYC 188201492	11.23	6 ^h 20 ^m 05.264 ^s 24°24'57.121''	43.0	257	145.7	-16.3	72.9	-16.6	89.1	167
2015/11/23 03:37:01	25302 Niim	12.0	17.85	5.28	109	0.5	36°20'45'' 51°01'25''	2	1.9 2.1	UCAC2 37543037	12.58	11 ^h 09 ^m 47.678 ^s 16°14'38.769''	54.3	155	78.4	-12.7	139.6	-19.5	89.2	226

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}
2015/11/23 13:49:57	2530 Shipka	12.6	17.14	3.28	189	0.7	36°29'07'' 48°21'06''	176	1.6 2.7	UCAC2 29939110	13.91	22 ^h 19 ^m 46.734 ^s −5°51'22.053''	28.9	147	93.9	-1.9	53.9	12.2	92.2	184
2015/11/23 16:44:23	50622 ER63	5.8	17.49	6.37	168	0.6	37°50'35'' 48°55'20''	138	0.8 1.5	UCAC2 46807376	11.12	5 ^h 52 ^m 06.438 ^s 43°32'41.290''	27.4	54	146.2	-28.8	61.8	37.9	92.9	154
2015/11/24 00:12:55	1311 Knopfia	14.1	17.00	3.45	157	0.8	35°58'06'' 48°39'15''	188	2.2 3.3	UCAC2 34653271	13.60	10 ^h 09 ^m 25.967 ^s 8°27'20.082''	31.4	117	89.9	-45.0	116.5	21.4	94.7	171
2015/11/24 04:30:29	5133 Philli-padams	25.2	17.86	5.63	143	0.6	37°32'04'' 51°03'20''	38	2.3 2.4	UCAC2 27494314	12.24	15 ^h 21 ^m 39.020 ^s −12°22'53.990''	6.6	118	11.6	-4.9	165.7	-15.6	95.6	417
2015/11/24 04:30:29	5133 Philli-padams	25.2	17.86	6.04	143	0.6	37°32'04'' 51°03'20''	38	2.3 2.4	TYC 560200430	11.83	15 ^h 21 ^m 39.020 ^s −12°22'53.990''	6.6	118	11.6	-4.9	165.7	-15.6	95.6	417
2015/11/24 18:09:29	2379 Heiska-nen	31.6	15.44	3.34	104	2.1	35°33'06'' 50°51'33''	330	6.5 8.2	UCAC2 29570781	12.15	22 ^h 58 ^m 25.900 ^s −6°55'07.124''	28.4	211	101.2	-42.4	62.5	44.7	97.9	153
2015/11/24 21:52:23	24872 GT19	6.3	18.01	6.18	228	0.7	34°29'53'' 51°45'21''	326	0.6 1.6	UCAC2 35887841	11.84	5 ^h 57 ^m 55.924 ^s 11°31'25.649''	47.8	148	150.3	-60.0	41.9	49.6	98.4	160
2015/11/25 00:48:44	2309 Mr. Spock	21.3	16.94	4.55	104	1.0	36°08'28'' 49°07'15''	186	3.1 3.3	TYC 25800285	12.41	10 ^h 51 ^m 49.541 ^s 4°19'37.001''	27.6	119	79.6	-39.8	112.6	27.4	98.7	256
2015/11/25 00:48:44	2309 Mr. Spock	21.3	16.94	4.74	104	1.0	36°08'28'' 49°07'15''	186	3.1 3.3	UCAC2 33224168	12.21	10 ^h 51 ^m 49.541 ^s 4°19'37.001''	27.6	119	79.6	-39.8	112.6	27.4	98.7	256
2015/11/25 03:19:30	91183 RZ49	5.8	17.77	7.65	120	0.6	37°45'32'' 50°34'09''	61	1.0 1.3	TYC 291801373	10.12	5 ^h 35 ^m 02.282 ^s 42°33'45.419''	45.2	287	150.4	-15.8	40.7	4.5	99.0	172
2015/11/25 16:20:22	3510 Veeder	10.5	16.77	3.60	212	1.0	34°07'45'' 51°22'19''	314	1.0 2.8	UCAC2 40993654	13.21	6 ^h 06 ^m 18.027 ^s 26°02'56.306''	10.3	61	151.3	-25.2	33.0	23.3	99.8	151
2015/11/25 23:12:00	13787 Na-gaishi	7.2	17.64	5.67	143	1.0	36°22'40'' 51°19'51''	3	1.2 1.8	TYC 63300496	11.97	2 ^h 07 ^m 47.724 ^s 10°09'35.656''	28.8	250	150.0	-53.6	30.2	50.2	99.8	159
2015/11/26 00:16:14	14316 Hi-gashichichibu	10.5	17.15	3.82	85	0.8	36°50'30'' 50°43'42''	28	2.1 2.4	UCAC2 46523900	13.36	4 ^h 17 ^m 04.801 ^s 42°43'29.071''	61.4	271	157.8	-44.9	26.4	42.5	99.8	174
2015/11/26 01:44:14	5769 Michard	11.5	18.31	4.80	71	0.7	35°48'42'' 49°29'16''	209	1.8 1.9	UCAC2 33573755	13.53	10 ^h 28 ^m 14.034 ^s 5°16'24.713''	38.8	140	86.4	-31.2	91.5	29.8	99.8	240
2015/11/26 16:48:22	0 2012 RW1	7.4	20.63	9.31	77	0.5	35°36'10'' 50°34'51''	321	0.6 0.6	TYC 188600064	11.32	6 ^h 20 ^m 48.361 ^s 26°53'33.632''	13.4	64	149.0	-29.8	22.3	20.0	99.1	462
2015/11/26 21:51:03	36494 QM47	5.8	17.13	6.98	153	0.9	36°18'36'' 48°40'20''	179	0.9 1.5	TYC 470300834	10.16	2 ^h 50 ^m 48.426 ^s −4°36'11.405''	30.8	212	148.1	-60.5	40.2	57.5	98.5	152
2015/11/26 23:03:00	3679 Con-druses	6.6	15.85	3.70	105	1.2	36°39'51'' 50°57'30''	15	1.4 3.3	TYC 59901029	12.18	0 ^h 27 ^m 54.145 ^s 10°35'19.655''	14.1	270	126.2	-54.8	67.9	57.0	98.4	80
2015/11/27 00:01:54	31344 OM12	21.9	18.39	5.64	11	2.0	36°12'49'' 49°57'38''	208	2.4 2.4	UCAC2 42571070	12.75	7 ^h 06 ^m 02.180 ^s 30°52'13.788''	70.8	169	139.2	-47.2	29.1	52.5	98.3	364
2015/11/27 00:05:00	13936 HC	13.2	16.84	5.05	204	1.0	34°40'15'' 48°32'34''	215	1.5 2.8	UCAC2 39631709	11.80	5 ^h 51 ^m 04.232 ^s 22°24'38.790''	60.1	209	156.2	-46.8	10.4	52.2	98.3	186
2015/11/27 01:01:27	6955 Ekate-rina	11.0	17.11	3.64	181	1.1	36°57'50'' 51°36'53''	16	1.5 2.6	UCAC2 40324977	13.50	6 ^h 17 ^m 36.287 ^s 24°27'28.950''	59.1	223	150.2	-38.2	16.2	45.5	98.2	166

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Page 8		Table 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}			
2015/11/27 01:59:05	36044 1999 RA10	5.0	19.49	8.71	126	0.5	36°54'15" 51°06'31"	20	0.8	TYC 82700245	10.78	9 ^h 36 ^m 59.960 ^s 13°32'59.100"	52.3	160	102.2	-29.0	62.6	37.4	98.1	196			
2015/11/27 02:01:44	38573 1999 WA1	10.5	16.46	2.94	72	0.9	35°49'27" 49°28'17"	207	2.4	UCAC2 37489296	13.60	5 ^h 07 ^m 59.570 ^s 16°23'30.482"	34.6	253	165.4	-28.6	2.5	37.1	98.1	158			
2015/11/27 03:33:22	892 Seeligeria	75.9	15.43	3.53	204	3.1	34°55'05" 48°26'41"	209	8.8	UCAC2 30372310	11.94	11 ^h 23 ^m 01.718 ^s -4°14'46.028"	34.3	161	71.3	-14.0	92.0	23.1	97.9	233			
2015/11/27 04:33:41	1980 Tezcatlipoca	13.0	14.98	2.15	84	1.0	35°49'36" 50°44'21"	337	1.9	UCAC2 32353947	12.99	7 ^h 40 ^m 07.312 ^s 1°41'19.375"	22.8	243	125.2	-5.0	37.5	13.8	97.7	44			
2015/11/27 04:40:42	32478 2000 SV289	13.8	19.77	8.02	37	0.8	36°03'02" 49°45'03"	207	1.2	UCAC2 43765901	11.75	5 ^h 50 ^m 02.999 ^s 34°29'45.152"	28.9	290	154.1	-4.0	17.5	12.8	97.7	442			
2015/11/27 15:56:34	20036 1992 UW1	5.2	18.22	6.65	238	0.5	33°29'30" 51°14'37"	304	0.4	TYC 187900782	11.57	6 ^h 30 ^m 59.656 ^s 23°44'12.992"	2.8	55	147.8	-21.5	11.0	4.2	95.9	141			
2015/11/27 16:18:39	58095 Oranienstein	6.9	19.85	10.92	186	0.5	38°05'49" 48°51'49"	136	0.9	TYC 188300013	8.93	6 ^h 25 ^m 16.416 ^s 26°03'12.115"	8.5	59	149.1	-25.1	11.1	7.4	95.9	175			
2015/11/27 17:41:09	29498 1997 WK21	6.0	17.91	6.10	44	0.7	35°57'05" 50°22'44"	327	1.5	TYC 63100730	11.81	2 ^h 17 ^m 26.534 ^s 9°59'07.611"	44.5	142	150.3	-38.3	53.1	19.8	95.6	155			
2015/11/27 18:41:22	45632 2000 DS106	6.6	18.56	7.19	232	0.9	37°00'03" 48°00'44"	167	0.7	TYC 75200014	11.38	6 ^h 59 ^m 36.145 ^s 9°57'06.991"	12.8	90	138.3	-47.4	17.4	29.1	95.4	189			
2015/11/27 22:26:33	3017 Petrovic	15.8	14.70	1.67	166	1.7	34°59'45" 51°17'22"	326	1.7	UCAC2 40148785	13.29	5 ^h 35 ^m 30.552 ^s 23°45'26.789"	63.7	171	160.7	-58.6	9.0	57.1	94.6	104			
2015/11/27 23:00:54	20749 2000 AD199	5.8	17.81	6.07	17	1.1	36°08'03" 50°10'07"	321	1.7	UCAC2 33018271	11.75	7 ^h 00 ^m 39.197 ^s 3°44'26.025"	41.7	157	135.7	-55.2	19.5	58.4	94.5	133			
2015/11/27 23:15:54	2070 Huma-son	7.2	16.37	4.59	243	1.0	35°51'41" 47°52'46"	187	0.2	UCAC2 41517454	11.79	6 ^h 27 ^m 08.307 ^s 27°55'19.531"	67.8	168	148.8	-53.5	10.5	58.5	94.5	103			
2015/11/27 23:17:51	243 Ida	28.0	13.57	0.83	54	2.4	36°20'38" 50°31'47"	4	7.8	UCAC2 39613865	13.41	3 ^h 54 ^m 31.969 ^s 22°05'55.973"	51.8	236	175.6	-53.3	31.6	58.5	94.5	131			
2015/11/27 23:23:21	20364 Zdenekmiller	9.5	16.77	5.47	31	1.0	36°20'41" 50°19'31"	8	2.6	UCAC2 38759545	11.31	6 ^h 01 ^m 07.027 ^s 19°59'08.132"	60.1	186	154.7	-52.6	2.4	58.5	94.4	143			
2015/11/28 02:11:49	2918 Salazar	13.8	17.46	3.82	163	1.4	35°37'56" 48°39'00"	197	2.0	UCAC2 39295652	13.67	6 ^h 47 ^m 38.225 ^s 21°04'40.319"	50.7	235	144.2	-27.2	8.0	44.0	93.8	204			
2015/11/28 03:34:51	76767 2000 KG30	5.8	19.70	8.59	78	0.5	36°34'48" 49°22'39"	164	0.9	TYC 196100759	11.11	9 ^h 56 ^m 33.021 ^s 23°18'54.569"	62.9	195	102.0	-14.0	50.8	31.9	93.5	237			
2015/11/28 03:55:21	28029 1998 DW9	11.5	17.27	3.45	59	1.6	36°23'27" 50°34'28"	7	2.4	UCAC2 38237880	13.87	7 ^h 00 ^m 01.776 ^s 18°09'29.243"	35.0	256	140.9	-10.9	9.5	28.7	93.4	184			
2015/11/28 17:11:41	55460 2001 TW148	12.6	19.46	8.51	227	1.1	37°54'60" 48°18'47"	149	1.1	TYC 133500889	10.95	6 ^h 51 ^m 06.683 ^s 18°05'41.344"	6.8	70	143.5	-33.7	0.2	6.6	90.2	377			
2015/11/28 17:28:55	3339 Treshnikov	32.8	16.54	4.95	139	2.4	37°10'29" 48°56'26"	153	4.8	UCAC2 39987971	11.60	6 ^h 07 ^m 16.541 ^s 23°22'51.585"	20.2	77	154.3	-36.4	11.8	9.1	90.1	226			
2015/11/29 01:40:42	250 Bettina	79.8	12.59	1.05	265	8.0	34°44'03" 52°13'12"	335	5.7	UCAC2 42234864	12.06	9 ^h 48 ^m 27.365 ^s 29°30'43.428"	65.6	140	106.4	-32.4	37.7	53.5	87.8	171			

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)	Duration (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2015/11/29 17:56:40	6953 Dav-epierce	10.0	17.94	4.56	180	0.7	35°02'01'' 51°27'40''	330	1.3	UCAC2 39278590	13.39	5 ^h 51 ^m 17.293 ^s 21°08'06.893''	26.2	88	158.9	-40.9	28.1	4.3	82.7	202
2015/11/29 21:09:36	332 Siri	40.4	14.77	2.69	59	30.6	36°40'16'' 50°31'04''	28	8.7	UCAC2 39665820	12.17	8 ^h 35 ^m 27.825 ^s 22°18'46.783''	31.8	92	121.5	-61.5	11.4	33.5	81.9	174
2015/11/29 23:03:56	8169 Mirabeau	7.2	17.53	4.71	142	0.9	36°07'32'' 48°46'37''	185	1.2	TYC 187701195	12.84	6 ^h 16 ^m 44.124 ^s 23°39'46.262''	63.7	173	153.4	-55.3	25.4	48.8	81.0	151
2015/11/30 18:16:01	18083 HD22	11.5	17.15	4.57	190	1.1	35°57'16'' 51°44'41''	353	1.5	UCAC2 34802719	12.60	6 ^h 24 ^m 41.260 ^s 8°45'18.793''	15.3	95	148.5	-43.9	34.0	-2.0	74.2	181
2015/11/30 18:41:22	20131 BP3	6.9	17.33	5.60	163	0.6	37°21'55'' 48°45'36''	152	1.0	UCAC2 43395789	11.74	3 ^h 23 ^m 38.484 ^s 33°16'14.896''	65.3	123	162.1	-47.6	73.9	1.6	74.0	163
2015/11/30 19:02:43	4052 Crovisier	13.2	16.90	5.08	93	3.7	37°35'05'' 50°03'26''	89	2.6	UCAC2 37295711	11.83	0 ^h 26 ^m 53.311 ^s 15°49'01.705''	50.6	219	123.6	-50.6	117.3	4.7	73.8	180
2015/11/30 20:26:09	14455 FB18	5.0	17.93	6.93	24	0.6	36°19'00'' 49°50'04''	175	1.6	TYC 134201064	11.00	6 ^h 40 ^m 49.403 ^s 22°10'53.306''	43.5	109	148.6	-59.7	30.9	17.4	73.4	126
2015/11/30 23:08:39	32794 UE5	10.0	19.91	7.87	99	0.9	37°05'40'' 49°19'25''	144	0.9	UCAC2 33375413	12.04	7 ^h 13 ^m 55.877 ^s 4°37'35.547''	42.9	159	135.9	-54.9	26.0	41.3	72.3	412
2015/11/30 23:08:39	32794 UE5	10.0	19.91	7.81	99	0.9	37°05'40'' 49°19'25''	144	0.9	TYC 17101599	12.10	7 ^h 13 ^m 55.877 ^s 4°37'35.547''	42.9	159	135.9	-54.9	26.0	41.3	72.3	412
2015/11/30 23:21:15	14663 BP25	6.9	17.60	6.34	26	0.6	36°16'01'' 50°16'37''	357	1.9	TYC 131700945	11.26	6 ^h 00 ^m 45.696 ^s 18°00'34.520''	57.9	191	157.4	-53.4	41.6	42.9	72.3	145
2015/11/30 23:41:46	154632 WT151	11.0	19.60	5.65	199	0.6	35°07'28'' 48°25'50''	205	0.9	UCAC2 41852003	13.96	5 ^h 46 ^m 39.171 ^s 28°53'34.538''	66.4	213	160.4	-50.8	45.8	45.3	72.1	447