

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: 98

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}	
2015/08/01 01:15:13	1338 Duponta	10.0	15.41	2.97	131	0.9	37°28'40" 49°09'19"	139	1.8 3.7	UCAC2 23516372	12.51	20 ^h 38 ^m 48.978 ^s -21°09'47.016"	4.0	230	176.8	-7.1	11.9	15.7	99.4	107	
2015/08/01 18:11:39	43089 WP12	5.8	18.33	6.66	17	0.5	36°11'29" 50°11'21"	337	1.1 1.1	TYC 105800882	11.67	19 ^h 49 ^m 55.360 ^s 7°48'24.248"	37.3	130	150.7	-8.0	35.3	5.6	97.5	207	
2015/08/01 18:38:43	2407 Haug	23.2	14.18	2.74	245	3.0	34°45'06" 48°05'07"	207	1.0 7.7	TYC 687901711	11.53	19 ^h 22 ^m 39.309 ^s -25°01'34.373"	11.9	157	159.5	-11.2	39.1	9.5	97.4	120	
2015/08/02 19:34:36	45319 AQ63	5.2	16.86	7.36	203	0.6	34°03'00" 48°56'25"	232	0.5 1.4	HIP 99478	9.50	20 ^h 11 ^m 20.969 ^s -28°37'47.179"	9.1	161	165.9	-16.9	45.0	13.2	92.1	147	
2015/08/02 20:41:46	20402 1998 OH6	9.1	17.76	6.07	121	0.7	37°26'14" 49°15'14"	137	1.6 1.9	TYC 579100904	11.70	21 ^h 40 ^m 57.532 ^s -9°52'33.032"	25.6	150	165.4	-21.2	19.3	22.2	91.8	188	
2015/08/02 21:37:50	21786 1999 SB4	6.0	17.74	6.61	23	0.7	36°27'03" 49°51'57"	150	1.3 1.4	UCAC2 18546735	11.13	19 ^h 37 ^m 12.972 ^s -31°43'17.826"	6.9	195	158.3	-22.4	54.2	28.4	91.5	178	
2015/08/02 22:07:01	14691 2000 AK119	14.5	16.98	3.40	120	0.7	34°49'27" 50°35'10"	300	2.2 2.5	UCAC2 41658872	13.63	2 ^h 52 ^m 21.180 ^s 28°15'41.557"	25.1	75	81.2	-22.2	64.9	31.0	91.4	235	
2015/08/02 23:23:11	44329 1998 RN58	5.8	17.20	5.82	74	0.6	36°53'25" 49°30'43"	144	1.5 1.8	TYC 632300425	11.38	20 ^h 15 ^m 42.636 ^s -18°49'01.081"	14.8	214	171.7	-18.7	43.2	35.3	91.0	130	
2015/08/03 00:11:29	319 Leona	68.2	15.64	3.75	62	5.5	36°36'40" 49°32'08"	158	13.0 13.6	UCAC2 28610905	11.92	19 ^h 00 ^m 39.785 ^s -9°03'03.623"	8.4	245	152.0	-14.6	60.8	35.7	90.7	199	
2015/08/03 17:08:15	4006 Sandler	16.2	15.74	2.56	85	1.5	37°28'12" 49°56'53"	97	4.0 5.1	UCAC2 26356003	13.29	21 ^h 04 ^m 06.137 ^s -15°25'39.072"	0.1	115	176.7	-0.0	42.0	-14.1	85.4	128	
2015/08/03 21:07:17	5677 Aberdonia	10.5	16.59	3.16	245	0.9	34°24'42" 51°54'27"	327	0.7 2.7	UCAC2 24978120	13.49	20 ^h 01 ^m 47.553 ^s -18°12'33.266"	21.7	185	167.6	-22.3	59.6	22.4	83.9	152	
2015/08/04 00:28:49	1680 Per Brahe	14.1	14.07	0.85	165	1.5	37°37'56" 48°51'22"	144	1.8 4.7	UCAC2 23030927	13.87	21 ^h 04 ^m 56.919 ^s -22°19'17.455"	9.7	217	174.5	-13.1	48.6	40.3	82.6	119	
2015/08/05 00:27:16	6236 Mallard	7.6	17.55	6.48	132	1.2	34°59'18" 50°53'42"	315	1.4 2.0	TYC 582000361	11.07	23 ^h 04 ^m 45.138 ^s -8°34'30.066"	30.9	192	148.1	-13.5	31.1	42.5	72.9	153	
2015/08/05 01:09:23	4165 Didkovskij	6.6	15.84	3.98	208	0.9	37°30'12" 48°21'24"	155	0.3 2.6	TYC 52900685	11.88	21 ^h 25 ^m 31.221 ^s 1°09'36.143"	27.8	234	160.5	-8.7	53.4	44.6	72.5	103	
2015/08/05 01:14:36	327 Columbia	35.5	15.76	2.77	130	0.9	34°54'35" 50°49'30"	311	4.6 5.2	UCAC2 42037777	13.08	6 ^h 20 ^m 49.106 ^s 29°03'17.678"	23.7	72	37.9	-8.0	79.3	44.8	72.6	273	
2015/08/06 00:01:51	14713 2000 CS63	8.7	17.96	7.25	47	0.6	35°38'15" 50°06'34"	278	1.8 1.9	TYC 175801834	10.71	2 ^h 10 ^m 04.357 ^s 24°46'57.119"	49.4	113	94.2	-16.3	16.6	38.9	62.3	184	
2015/08/07 20:12:48	8904 Yoshihara	6.6	16.68	5.43	123	1.8	37°27'58" 49°14'53"	137	1.3 2.4	UCAC2 20706988	11.26	18 ^h 25 ^m 17.702 ^s -27°21'43.920"	10.8	197	140.6	-21.0	138.1	-5.3	41.7	110	
2015/08/07 23:37:39	16582 1992 JS3	5.0	18.14	6.49	28	0.7	36°35'34" 49°53'22"	129	1.4 1.5	UCAC2 27770450	11.65	23 ^h 44 ^m 12.246 ^s -11°52'46.540"	27.7	170	142.3	-18.9	64.5	25.6	40.2	137	
2015/08/08 00:08:21	20196 1997 CP19	6.0	17.74	8.19	249	0.5	37°52'26" 48°03'47"	153	0.4 1.7	TYC 629900593	9.55	19 ^h 43 ^m 54.785 ^s -15°16'43.360"	7.0	236	159.4	-16.1	121.8	30.3	39.9	143	
2015/08/08 01:55:41	6333 Helenejacq	5.2	16.73	5.08	165	0.6	35°08'02" 51°20'27"	330	0.5 2.1	TYC 580901325	11.66	22 ^h 09 ^m 26.917 ^s -14°36'36.971"	12.4	228	165.6	-3.2	88.4	45.5	39.1	98	

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}
2015/08/08 02:07:31	791 Ani	103.5	15.36	2.08	181	3.0	35°21'05'' 51°33'51''	338	12.2 15.3	UCAC2 35885965	13.45	5 ^h 52 ^m 27.571 ^s 11°55'08.467''	26.0	103	48.0	-1.6	30.9	46.9	39.1	269
2015/08/08 19:46:39	11465 1981 EP30	8.3	18.22	7.48	31	0.8	35°53'15'' 50°08'46''	291	1.6 1.6	UCAC2 32568644	10.74	17 ^h 46 ^m 34.953 ^s 2°22'35.518''	38.6	210	125.8	-19.5	152.5	-13.1	31.4	205
2015/08/08 20:33:26	15737 1991 CL	10.5	17.10	3.39	194	1.5	38°26'58'' 49°00'42''	127	1.3 2.6	UCAC2 26059076	13.76	18 ^h 08 ^m 24.762 ^s -15°56'34.110''	19.2	210	135.8	-22.4	156.2	-7.7	31.1	162
2015/08/08 20:39:20	36090 1999 RN100	5.5	18.89	7.76	13	1.3	36°08'30'' 49°58'44''	234	1.1 1.1	TYC 119100346	11.13	0 ^h 51 ^m 30.544 ^s 17°56'50.970''	26.7	94	116.3	-22.7	51.5	-7.0	31.2	198
2015/08/08 23:30:29	16959 1998 QE17	7.9	16.06	4.82	211	0.8	35°13'02'' 51°49'04''	339	0.5 2.8	TYC 637900878	11.26	21 ^h 55 ^m 32.348 ^s -18°31'08.047''	19.9	197	169.6	-19.7	104.5	17.7	29.9	114
2015/08/09 17:07:11	37182 2000 WW49	6.3	18.83	7.37	42	0.5	36°49'57'' 50°10'37''	70	1.1 1.1	UCAC2 29474925	11.46	16 ^h 18 ^m 37.662 ^s -6°46'02.778''	33.1	187	106.8	-1.3	162.1	-21.8	23.0	220
2015/08/09 22:23:43	23712 Will- patrick	6.6	16.67	5.76	150	0.7	38°22'17'' 49°55'55''	95	0.9 2.5	TYC 280502164	10.92	0 ^h 45 ^m 34.201 ^s 41°41'43.805''	60.7	91	105.0	-23.6	63.7	0.7	21.1	105
2015/08/10 01:19:24	389 Industria	79.0	13.40	0.90	47	1.9	35°37'25'' 50°02'20''	269	12.7 12.9	UCAC2 40497283	13.12	6 ^h 40 ^m 06.110 ^s 24°59'26.971''	21.6	76	37.9	-8.5	16.7	27.1	20.1	243
2015/08/10 01:28:49	24392 2000 AD179	7.2	18.84	8.09	23	0.9	36°01'02'' 50°09'52''	304	1.3 1.4	TYC 525200763	10.75	23 ^h 46 ^m 38.230 ^s -1°59'22.468''	35.4	205	140.8	-7.3	87.9	28.6	20.0	214
2015/08/10 18:28:52	6648 1991 PM11	8.7	16.36	5.14	122	3.1	37°58'23'' 50°14'08''	80	1.7 2.9	TYC 685002657	11.23	18 ^h 04 ^m 11.412 ^s -28°01'48.667''	12.0	181	133.2	-12.3	170.0	-21.9	14.6	120
2015/08/10 21:45:51	1357 Khama	50.2	15.11	2.35	223	4.9	39°24'41'' 50°09'28''	87	3.9 14.6	UCAC2 19806100	12.90	22 ^h 41 ^m 58.275 ^s -29°02'07.463''	9.3	164	156.9	-24.6	120.0	-10.5	13.5	137
2015/08/10 21:54:29	33108 1997 YJ18	5.2	18.21	11.70	57	0.6	35°50'33'' 50°28'12''	326	1.6 1.8	HIP 96274	6.51	19 ^h 34 ^m 33.946 ^s -23°51'31.899''	11.5	208	153.7	-24.5	162.0	-9.5	13.4	118
2015/08/11 19:56:03	737 Areqipa	44.1	13.84	0.97	122	1.7	34°36'15'' 49°53'04''	261	7.7 9.5	UCAC2 30864054	13.44	13 ^h 57 ^m 42.646 ^s -2°49'35.961''	0.5	265	70.0	-21.0	102.2	-22.3	7.7	184
2015/08/11 22:03:11	400 Ducrosa	33.7	16.88	3.47	221	1.1	33°22'59'' 50°46'30''	291	3.3 4.3	UCAC2 43067062	13.45	5 ^h 22 ^m 59.200 ^s 32°20'50.374''	11.1	52	57.1	-24.7	29.4	-14.7	7.3	313
2015/08/12 01:27:55	18271 2332 T- 3	5.2	17.29	4.71	240	0.5	37°05'20'' 47°57'34''	166	0.3 1.6	TYC 575601139	12.60	20 ^h 47 ^m 03.312 ^s -8°28'08.411''	8.0	247	168.6	-7.9	157.7	11.7	6.5	129
2015/08/12 02:13:40	1615 Bardwell	27.8	16.99	5.21	166	0.6	37°39'17'' 48°51'06''	144	3.5 4.3	TYC 135800294	11.79	7 ^h 13 ^m 28.844 ^s 21°16'01.226''	23.5	84	31.8	-1.5	4.9	18.7	6.4	258
2015/08/12 23:32:49	77 Frigga	69.2	13.33	1.29	277	2.9	33°31'05'' 51°49'11''	315	4.2 16.5	UCAC2 39260672	12.44	3 ^h 47 ^m 41.146 ^s 21°21'04.471''	31.3	94	80.3	-20.6	62.0	-12.1	2.8	167
2015/08/13 00:05:55	16935 1998 FX111	11.0	16.93	5.12	119	0.9	36°54'20'' 49°03'23''	158	2.0 2.5	TYC 519601285	11.82	21 ^h 00 ^m 54.286 ^s -3°32'09.010''	24.7	229	166.8	-17.6	162.9	-8.1	2.7	174
2015/08/13 01:30:31	17031 Piethut	5.8	16.39	5.93	143	0.6	35°13'43'' 51°08'50''	328	0.9 2.0	UCAC2 27762937	10.46	21 ^h 08 ^m 39.269 ^s -11°32'55.368''	7.7	242	174.1	-7.8	166.2	3.4	2.5	113
2015/08/13 19:05:32	15751 1991 VN4	13.8	18.01	4.43	25	0.6	36°02'42'' 49°53'25''	225	2.1 2.1	UCAC2 29655236	13.60	14 ^h 22 ^m 33.741 ^s -6°29'47.955''	8.3	250	75.1	-17.2	84.9	-21.9	0.8	260

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			
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 (%)			
2015/08/13 21:37:39	4326 McNally	10.0	15.97	3.06	103	1.1	35°08'57'' 50°37'37''	308	2.2 3.1	UCAC2 24248519	12.97	21 ^h 10 ^m 38.534 ^s −19°34'51.738''	20.4	185	172.8	-25.5	172.7	-26.4	0.6	129	
2015/08/13 23:16:19	723 Hammonia	35.7	15.57	3.63	27	1.3	36°03'50'' 49°50'53''	216	6.2 6.3	UCAC2 38204368	11.98	4 ^h 51 ^m 09.874 ^s 18°06'17.522''	16.7	82	67.1	-22.1	59.6	-20.8	0.5	227	
2015/08/13 23:24:41	5170 Sissons	11.5	17.22	4.61	89	1.1	35°43'25'' 50°45'59''	333	2.3 2.6	UCAC2 28096674	12.63	19 ^h 25 ^m 19.687 ^s −10°49'04.261''	10.9	238	148.8	-21.5	156.9	-20.0	0.5	179	
2015/08/14 02:20:09	400 Ducrosa	33.7	16.87	3.74	15	1.1	36°26'56'' 50°08'22''	49	4.3 4.3	UCAC2 43067625	13.16	5 ^h 25 ^m 44.152 ^s 32°26'13.423''	50.8	98	58.6	-1.0	53.7	1.7	0.4	311	
2015/08/14 18:04:34	8242 Joshemery	8.3	18.24	7.38	169	0.7	37°57'17'' 48°58'45''	135	1.1 1.4	TYC 732800046	10.86	15 ^h 50 ^m 56.758 ^s −30°26'24.941''	4.6	208	100.6	-10.5	98.5	-13.3	0.1	231	
2015/08/14 19:54:28	16583 Oersted	12.6	16.82	3.99	145	1.0	34°22'05'' 50°29'24''	290	2.0 2.8	UCAC2 26995188	12.86	19 ^h 35 ^m 33.325 ^s −13°48'18.476''	26.2	184	150.9	-21.8	149.3	-25.0	0.1	177	
2015/08/15 23:25:49	27142 1998 XG61	10.0	16.59	2.76	208	1.3	34°17'05'' 48°42'25''	224	0.9 2.9	UCAC2 38726732	13.92	23 ^h 46 ^m 29.981 ^s 19°05'29.930''	59.1	171	134.5	-21.9	148.5	-32.2	1.7	136	
2015/08/15 23:44:35	5330 Senrikyu	12.4	15.31	4.25	251	0.8	38°40'19'' 51°43'40''	42	1.0 2.9	TYC 55401865	11.08	21 ^h 34 ^m 54.497 ^s 7°25'15.959''	39.5	224	158.5	-20.4	159.4	-31.3	1.8	173	
2015/08/16 00:44:15	811 Naulheima	23.6	16.71	3.06	246	0.7	37°57'26'' 48°07'29''	151	2.3 3.4	UCAC2 39288424	13.72	6 ^h 24 ^m 58.207 ^s 21°19'43.069''	19.5	80	46.9	-14.3	62.4	-27.0	1.9	274	
2015/08/16 00:53:23	26651 2000 OB45	5.5	17.35	5.86	111	0.7	36°54'30'' 49°08'12''	156	1.2 1.9	TYC 116001068	11.50	23 ^h 02 ^m 54.226 ^s 8°26'51.530''	42.5	219	149.6	-13.2	163.7	-26.1	1.9	116	
2015/08/16 17:09:52	23786 1998 QK16	5.0	17.14	5.57	173	0.8	38°01'09'' 51°08'22''	46	0.7 1.4	TYC 631001655	11.57	19 ^h 35 ^m 16.685 ^s −21°25'48.192''	12.1	147	148.8	-3.5	125.8	2.2	4.0	144	
2015/08/16 17:09:54	4655 Marjorika	7.2	15.44	4.58	7	1.5	36°17'36'' 50°06'25''	4	3.5 3.5	UCAC2 23758171	10.88	19 ^h 58 ^m 52.063 ^s −20°51'29.995''	10.4	141	154.3	-3.6	131.2	2.2	4.0	83	
2015/08/17 17:05:30	16403 1984 WJ1	7.2	17.35	5.25	166	1.7	38°34'48'' 49°50'35''	98	1.0 2.0	TYC 737400295	12.11	17 ^h 17 ^m 04.298 ^s −37°06'19.315''	2.9	179	116.1	-3.2	83.3	6.7	8.5	143	
2015/08/17 19:55:32	7332 Ponrepo	5.5	16.82	6.00	251	0.5	34°16'06'' 51°54'38''	325	0.1 2.0	TYC 520200631	10.82	21 ^h 18 ^m 02.425 ^s −5°15'49.581''	32.6	158	169.2	-22.9	139.7	-19.7	9.2	108	
2015/08/17 20:00:39	33107 1997 YL16	5.5	15.86	5.20	116	0.8	36°44'46'' 51°02'59''	16	1.1 2.2	TYC 113700585	10.66	22 ^h 15 ^m 31.726 ^s 8°01'04.608''	40.6	137	157.4	-23.2	153.2	-20.4	9.2	100	
2015/08/17 23:41:08	12883 1998 QY32	5.2	16.99	5.08	133	0.5	37°19'16'' 49°03'33''	146	0.9 1.9	TYC 577801261	11.92	21 ^h 00 ^m 11.010 ^s −11°46'33.944''	18.0	224	168.4	-21.3	132.4	-40.6	10.1	110	
2015/08/18 01:56:40	3144 Brosche	28.2	19.10	5.40	228	0.6	38°38'60'' 48°41'40''	132	2.5 3.1	UCAC2 37358074	13.71	8 ^h 28 ^m 37.555 ^s 15°56'27.270''	8.6	75	19.3	-5.3	57.0	-35.1	10.6	365	
2015/08/18 21:59:12	2810 Lev Tojstoj	11.0	17.14	3.37	164	1.3	37°28'06'' 48°47'11''	149	1.5 2.1	UCAC2 30080253	13.82	19 ^h 04 ^m 53.699 ^s −5°18'33.641''	21.6	231	138.4	-26.9	94.0	-33.7	16.0	211	
2015/08/19 00:00:14	4223 Shikoku	24.0	14.67	1.51	58	2.6	36°04'29'' 50°33'06''	345	5.9 6.4	UCAC2 28826565	13.47	20 ^h 27 ^m 55.111 ^s −8°39'43.249''	13.7	238	159.1	-19.8	113.2	-43.7	16.5	150	
2015/08/19 00:56:01	72674 2001 FB54	5.2	18.85	7.26	38	0.6	36°43'12'' 49°50'53''	126	1.2 1.2	TYC 63900312	11.59	2 ^h 34 ^m 19.544 ^s 9°40'08.597''	46.2	149	106.2	-13.6	154.2	-44.4	16.8	169	

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 (%)	σ_{km}	
2015/08/19 01:11:58	32569 Deming	10.5	17.06	5.83	80	0.8	37°07'49'' 49°34'37''	131	2.2	TYC 696400018	11.23	22 ^h 46 ^m 35.871 ^s -22°43'25.679''	9.3	217	163.6	-11.6	138.8	-44.1	16.9	174	
2015/08/20 01:40:49	1430 Somalia	12.6	13.83	1.42	140	1.9	35°33'05'' 51°13'09''	338	1.5	UCAC2 27214452	12.76	21 ^h 52 ^m 38.823 ^s -13°00'44.959''	7.3	240	179.3	-8.0	119.8	-47.9	24.7	84	
2015/08/20 23:16:13	373 Melusina	95.8	15.06	1.42	269	3.0	39°36'55'' 48°57'33''	117	8.5	UCAC2 44462467	13.98	5 ^h 58 ^m 05.982 ^s 36°07'29.015''	23.9	62	58.7	-24.1	125.1	-38.4	32.5	246	
2015/08/21 02:22:41	63 Ausonia	103.1	12.88	0.55	54	3.6	36°27'10'' 49°34'13''	167	18.4	UCAC2 41674975	13.33	5 ^h 31 ^m 43.318 ^s 28°29'22.592''	51.9	108	63.9	-2.2	133.7	-51.2	33.6	215	
2015/08/21 21:48:16	3033 Holbaek	9.5	15.33	3.46	215	1.0	33°58'04'' 51°18'07''	310	0.3	UCAC2 29569822	11.92	22 ^h 36 ^m 11.596 ^s -6°43'00.835''	33.2	173	170.0	-28.0	109.9	-21.0	41.2	96	
2015/08/22 16:44:59	7394 Xanthomalitia	20.0	17.24	5.21	72	3.4	35°17'02'' 50°08'43''	279	2.9	UCAC2 26965074	12.04	18 ^h 44 ^m 18.635 ^s -13°33'30.606''	23.4	156	131.1	-1.6	43.1	22.0	49.0	264	
2015/08/22 22:55:28	17780 1998 FY13	8.7	17.60	6.04	191	0.9	34°49'12'' 51°29'14''	327	1.1	UCAC2 29007295	11.57	20 ^h 01 ^m 06.630 ^s -8°22'53.411''	16.9	233	149.2	-26.1	59.4	-25.8	51.6	172	
2015/08/22 23:15:16	76831 2000 ST222	9.5	18.53	6.08	183	0.6	37°32'02'' 48°36'57''	151	1.1	TYC 579200607	12.46	21 ^h 45 ^m 44.192 ^s -10°03'32.113''	24.7	212	174.8	-24.8	83.9	-28.9	51.7	292	
2015/08/23 02:14:48	3439 Lebofsky	12.0	15.98	3.01	168	2.0	35°43'12'' 51°30'41''	346	1.5	UCAC2 31434564	13.04	0 ^h 15 ^m 25.148 ^s 0° - 46'32.341''	30.2	224	146.2	-3.8	120.5	-52.5	53.0	123	
2015/08/23 17:15:47	32154 2000 MH	5.2	16.60	4.65	192	0.6	36°33'52'' 48°19'47''	174	0.4	UCAC2 46755312	11.97	0 ^h 30 ^m 48.623 ^s 43°52'07.720''	26.3	52	115.8	-6.5	121.9	21.3	59.2	105	
2015/08/23 21:36:41	8380 Tooting	12.6	16.77	3.52	115	0.7	37°41'58'' 49°33'42''	118	2.4	UCAC2 43745436	13.30	3 ^h 46 ^m 18.775 ^s 34°12'27.916''	28.9	70	88.3	-28.8	158.1	-7.1	61.1	166	
2015/08/23 21:56:21	51935 2001 QK134	13.2	19.60	5.83	146	0.5	37°52'25'' 49°13'53''	129	1.2	UCAC2 41158493	13.77	5 ^h 39 ^m 20.647 ^s 26°51'24.458''	9.9	60	64.9	-28.6	165.1	-10.0	61.2	408	
2015/08/24 00:11:30	11554 Asios	26.3	18.73	5.09	138	0.8	37°08'31'' 48°56'18''	154	2.1	UCAC2 37522197	13.65	7 ^h 03 ^m 13.485 ^s 16°20'11.159''	9.5	76	45.4	-20.0	149.2	-31.0	62.2	473	
2015/08/24 17:13:59	86385 2000 AK51	7.9	18.22	7.74	208	0.8	34°04'09'' 51°16'27''	311	0.9	TYC 49302351	10.48	19 ^h 57 ^m 12.678 ^s 6°17'21.953''	38.9	138	142.2	-6.5	43.1	21.9	69.2	213	
2015/08/24 17:23:37	776 Berbericia	151.2	13.95	1.12	322	4.0	40°05'21'' 51°39'35''	57	11.3	UCAC2 34658565	13.31	12 ^h 53 ^m 27.797 ^s 8°29'49.821''	15.2	265	39.8	-7.9	74.0	21.8	69.3	299	
2015/08/24 18:39:04	62936 2000 VF23	6.0	18.91	7.48	204	1.9	39°08'04'' 50°10'50''	86	0.7	TYC 741300726	11.43	18 ^h 55 ^m 42.861 ^s -32°35'08.305''	7.4	184	130.1	-17.8	23.1	18.6	69.7	217	
2015/08/24 21:47:12	7747 Michalowski	6.3	17.07	6.42	7	0.6	36°22'36'' 50°04'49''	60	2.3	TYC 178700921	10.65	3 ^h 07 ^m 30.419 ^s 24°32'10.317''	30.6	87	99.9	-29.0	143.2	-1.7	71.1	110	
2015/08/24 21:58:01	5747 1991 CO3	11.0	16.19	3.65	113	0.8	36°02'24'' 49°02'38''	189	2.3	UCAC2 39590960	12.58	21 ^h 50 ^m 14.159 ^s 21°46'15.777''	60.6	201	146.6	-28.9	72.3	-3.2	71.2	127	
2015/08/25 18:17:36	287 Nephthys	67.6	12.05	1.55	13	12.9	36°26'50'' 50°06'27''	60	23.1	UCAC2 25388081	10.80	18 ^h 29 ^m 00.944 ^s -17°09'45.887''	22.6	187	124.7	-15.5	1.2	21.9	79.2	114	
2015/08/25 20:03:02	5701 Baltuck	11.0	17.01	5.69	124	4.3	34°40'29'' 50°27'58''	292	2.0	TYC 739200461	11.33	18 ^h 12 ^m 21.599 ^s -31°28'50.650''	2.0	211	120.3	-26.1	14.5	16.6	79.5	165	

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}
2015/08/25 21:00:49	57834 2001 XE28	6.3	18.35	6.46	34	0.9	36°09'14" 49°45'13"	196	1.2	UCAC2 17843326	11.90	20 ^h 00 ^m 05.097 ^s −33°19'16.232"	3.8	201	141.4	-28.9	23.8	11.1	80.2	210
2015/08/25 22:45:47	29355 Sir-atakayama	6.9	18.14	6.97	12	1.4	36°07'32" 50°03'54"	280	1.5	TYC 571001344	11.17	19 ^h 00 ^m 36.031 ^s −10°15'44.197"	6.7	245	131.8	-27.6	8.6	-2.0	80.9	183
2015/08/27 19:07:24	36132 1999 RU158	6.6	17.37	6.15	55	0.6	35°31'41" 50°06'04"	276	1.7	TYC 524801040	11.22	23 ^h 07 ^m 52.442 ^s −6°26'10.372"	20.0	128	168.5	-21.9	39.3	25.1	94.3	149
2015/08/27 23:26:39	17683 Kana-gawa	10.0	18.40	5.44	243	1.4	33°52'14" 48°32'01"	226	1.0	UCAC2 39254812	12.96	2 ^h 00 ^m 16.994 ^s 21°13'54.124"	54.7	135	118.4	-25.4	85.8	10.8	95.2	216
2015/08/28 00:27:57	4493 Naito-mitsu	20.7	16.87	4.84	63	0.7	35°55'35" 50°33'35"	336	3.5	TYC 186802295	12.04	6 ^h 02 ^m 23.377 ^s 25°16'13.861"	30.9	86	63.7	-19.3	140.4	2.8	95.4	230
2015/08/28 18:40:27	19668 1999 RB145	10.0	17.78	4.04	42	0.8	36°41'27" 50°19'35"	43	2.0	UCAC2 21436128	13.76	20 ^h 22 ^m 19.683 ^s −25°45'19.502"	13.5	168	146.3	-19.3	21.4	23.7	98.4	199
2015/08/28 23:11:19	15834 McBride	7.2	18.75	6.83	187	0.5	37°06'15" 51°39'03"	18	0.9	UCAC2 46346340	11.93	23 ^h 05 ^m 08.856 ^s 41°56'17.221"	77.2	237	127.6	-26.9	56.1	21.9	99.0	221
2015/08/29 17:59:33	35165 Quebec	9.1	17.53	5.51	190	0.8	38°36'50" 50°53'46"	60	1.2	TYC 693001046	12.03	20 ^h 51 ^m 47.018 ^s −26°15'20.489"	9.5	154	151.1	-14.5	29.3	16.8	100.0	201
2015/08/29 21:53:53	1753 Mieke	20.0	17.31	5.00	27	0.7	36°12'04" 50°17'01"	347	2.9	UCAC2 41348148	12.32	6 ^h 37 ^m 11.195 ^s 27°22'04.769"	5.4	53	57.9	-30.7	120.0	33.4	99.9	277
2015/08/29 23:11:10	33003 1997 EJ	10.0	17.58	4.42	121	1.4	36°12'22" 51°07'49"	357	1.8	UCAC2 33505960	13.18	1 ^h 00 ^m 10.148 ^s 5°21'45.273"	44.2	162	140.1	-27.2	37.3	30.5	99.9	174
2015/08/29 23:33:29	2690 Ristina	20.1	16.27	3.11	251	1.4	36°19'16" 47°47'23"	179	1.7	UCAC2 34221457	13.22	3 ^h 52 ^m 31.361 ^s 7°01'54.459"	30.0	118	98.4	-25.5	79.2	28.9	99.9	180
2015/08/30 00:57:22	2617 Jiangxi	52.6	15.74	2.30	148	1.2	36°57'10" 48°47'33"	161	7.1	UCAC2 40683733	13.58	8 ^h 19 ^m 44.930 ^s 25°27'34.959"	15.3	69	35.3	-16.3	140.7	20.4	99.9	246
2015/08/30 16:20:01	6237 Chikushi	17.4	17.69	4.16	189	2.3	34°07'56" 51°03'17"	306	2.0	UCAC2 19724555	13.55	17 ^h 33 ^m 42.800 ^s −29°07'33.063"	10.9	177	107.4	-0.3	85.5	-2.5	98.8	284
2015/08/30 19:39:37	2583 Fatyanov	18.8	16.08	3.62	145	3.6	38°12'30" 49°39'18"	108	2.8	UCAC2 17586635	12.50	18 ^h 26 ^m 25.307 ^s −33°50'46.198"	1.2	207	118.1	-26.0	76.4	26.3	98.4	106
2015/08/30 21:38:28	38457 1999 TJ9	10.0	17.46	4.31	175	0.9	34°51'23" 51°20'10"	325	1.4	UCAC2 31250031	13.17	20 ^h 57 ^m 47.824 ^s −1°48'17.191"	34.0	211	154.8	-31.2	38.8	36.7	98.1	183
2015/08/31 01:37:29	835 Olivia	35.8	17.54	5.21	89	1.0	36°26'47" 49°15'07"	173	5.0	UCAC2 40338706	12.33	7 ^h 12 ^m 22.811 ^s 24°19'24.119"	32.1	89	50.7	-11.2	111.0	26.5	97.5	270
2015/08/31 19:11:49	88252 2001 FM40	5.0	18.53	8.35	65	0.6	36°15'55" 49°28'01"	181	0.9	TYC 1800721	10.18	0 ^h 54 ^m 29.617 ^s 5°50'50.026"	17.5	102	143.0	-23.8	8.5	19.1	94.0	209
2015/08/31 20:14:21	6094 Hisako	11.0	16.10	2.54	16	2.3	36°05'25" 50°06'30"	296	3.0	UCAC2 30751479	13.67	19 ^h 19 ^m 37.937 ^s −3°25'17.135"	30.9	215	130.4	-29.0	77.2	27.9	93.6	145

