

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: 121

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}
2015/09/01 16:19:03	1386 Storeria	7.2	14.93	3.02	232	1.1	38°45'49" 51°24'55"	49	0.0	TYC	11.97	20 ^h 09 ^m 02.478 ^s -11°34'53.099"	19.0	138	142.4	-0.8	78.2	-12.2	87.8	77
2015/09/01 19:57:10	12532 1998 KW54	8.3	16.29	5.04	251	0.9	39°32'18" 49°14'02"	111	0.4	TYC	11.26	21 ^h 18 ^m 53.819 ^s 2°34'10.446"	42.6	175	156.7	-28.2	61.1	21.4	86.6	127
2015/09/02 02:02:34	10349 1992 LN	6.3	17.44	7.93	161	0.9	34°47'26" 51°08'11"	319	0.9	TYC	9.51	1 ^h 10 ^m 29.011 ^s -4°57'45.588"	29.3	215	143.2	-8.0	14.6	43.7	84.4	128
2015/09/02 16:29:43	925 Alphon- sina	54.3	12.88	0.66	121	5.7	35°46'09" 49°00'34"	198	10.4	UCAC2	13.07	20 ^h 26 ^m 11.675 ^s -9°07'24.672"	20.9	136	145.7	-2.8	88.1	-14.7	79.0	149
2015/09/02 21:40:25	2056 Nancy	12.0	16.24	5.40	211	0.6	37°43'12" 48°23'41"	151	1.0	TYC	10.85	5 ^h 00 ^m 58.234 ^s 22°46'06.369"	15.9	73	83.5	-32.3	39.1	31.8	76.9	133
2015/09/02 23:18:37	44443 1998 UY19	13.2	18.47	5.91	206	0.6	37°00'19" 48°15'24"	166	1.4	UCAC2	12.56	5 ^h 37 ^m 00.498 ^s 18°52'43.624"	23.0	88	75.5	-27.9	46.0	44.5	76.2	274
2015/09/02 23:39:03	60181 1999 VV9	6.0	17.20	5.42	247	0.5	38°22'02" 48°17'37"	143	0.5	TYC	11.79	21 ^h 56 ^m 44.122 ^s -2°08'43.585"	25.9	230	166.5	-26.2	69.1	46.5	76.0	163
2015/09/03 00:09:07	1366 Piccolo	27.6	16.16	3.69	17	1.4	36°03'25" 50°04'13"	279	4.9	UCAC2	12.51	5 ^h 09 ^m 05.293 ^s 28°26'30.214"	42.4	95	81.2	-23.2	40.8	49.0	75.9	223
2015/09/03 19:45:14	5981 Kresilas	9.5	15.10	4.82	27	1.2	36°18'34" 50°17'10"	4	3.6	TYC	10.29	23 ^h 28 ^m 58.574 ^s -6°38'08.340"	25.0	139	170.1	-28.0	60.1	8.2	67.4	103
2015/09/03 20:21:41	6241 Galante	11.5	16.32	8.02	9	1.4	36°15'13" 50°07'26"	345	4.9	HIP 1554	8.30	0 ^h 19 ^m 22.382 ^s 9°02'39.220"	37.2	127	152.1	-30.5	43.9	13.8	67.2	93
2015/09/04 01:37:26	17314 Aisakos	21.9	18.52	6.05	112	0.9	35°20'31" 50°50'57"	323	2.1	UCAC2	12.48	6 ^h 20 ^m 25.333 ^s 33°26'29.220"	49.1	94	67.1	-12.2	42.7	54.0	64.8	392
2015/09/04 17:54:42	3684 Berry	12.4	18.30	5.19	123	1.6	36°06'51" 51°09'05"	354	2.2	UCAC2	13.12	18 ^h 09 ^m 29.567 ^s -26°20'00.843"	12.4	195	110.4	-16.0	150.2	-12.4	57.4	172
2015/09/04 19:44:11	1101 Clematis	37.9	14.96	1.44	106	2.9	37°33'22" 49°34'03"	120	7.6	UCAC2	13.86	22 ^h 28 ^m 57.464 ^s 12°39'39.692"	48.9	147	159.3	-28.3	82.7	1.8	56.5	161
2015/09/05 00:06:00	1163 Saga	29.1	16.93	3.03	200	1.0	34°55'17" 51°37'20"	331	3.2	UCAC2	13.97	6 ^h 38 ^m 28.032 ^s 17°21'54.076"	20.9	88	62.9	-24.1	32.3	41.5	54.6	274
2015/09/05 00:22:38	8859 1991 PQ11	7.2	16.11	4.97	229	0.9	37°12'56" 48°04'45"	163	0.3	TYC	11.15	22 ^h 09 ^m 09.834 ^s -6°42'07.262"	17.0	236	169.0	-22.2	95.5	43.7	54.4	113
2015/09/05 01:17:37	38425 1999 RO230	6.6	17.53	7.76	250	0.7	38°51'00" 48°33'05"	132	0.5	HIP 1832	9.77	0 ^h 23 ^m 13.711 ^s -11°17'54.736"	22.1	216	157.5	-15.2	66.3	50.4	54.0	172
2015/09/05 02:43:18	617 Patroclus	140.9	16.28	3.90	100	4.6	35°24'49" 50°45'03"	321	12.6	UCAC2	12.41	7 ^h 31 ^m 55.900 ^s 38°40'49.671"	52.0	87	55.3	-2.5	45.3	56.6	53.4	432
2015/09/05 16:56:21	3315 Chant	11.0	16.98	5.16	203	2.0	38°57'06" 50°41'50"	69	1.2	UCAC2	11.83	18 ^h 55 ^m 30.216 ^s -17°16'00.839"	22.3	171	120.5	-7.9	153.2	-20.4	46.9	157
2015/09/05 20:29:31	33540 1999 JH3	5.5	17.24	5.48	49	1.3	35°49'07" 50°21'56"	317	1.6	TYC	11.76	20 ^h 57 ^m 36.714 ^s -24°59'44.336"	14.1	193	146.2	-31.7	127.1	1.7	45.3	127
2015/09/06 17:08:09	4648 Tirion	12.3	18.65	5.09	91	0.7	35°10'14" 50°26'42"	299	2.1	UCAC2	13.57	16 ^h 29 ^m 31.887 ^s -29°36'51.400"	5.7	207	86.7	-10.0	156.8	-21.5	36.5	211

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}
2015/09/06 17:18:59	1211 Bressole	38.2	15.69	2.13	242	3.9	33°15'28'' 49°07'24''	245	3.0	UCAC2	13.72	18 ^h 09 ^m 45.309 ^s −19°03'49.653''	20.6	189	108.7	-11.6	177.2	-21.2	36.4	158
2015/09/07 01:22:21	21065 James-melka	10.0	19.03	8.52	160	0.7	36°00'18'' 51°28'09''	353	1.2	TYC	10.51	5 ^h 11 ^m 32.846 ^s 25°01'18.259''	53.3	120	84.9	-15.1	16.6	38.3	33.0	269
2015/09/07 01:52:45	16956 1998 MQ11	25.1	18.63	5.20	116	1.0	36°52'55'' 51°01'07''	21	2.2	UCAC2	13.44	6 ^h 36 ^m 01.710 ^s 0°26'58.597''	25.6	124	66.3	-10.7	18.2	42.7	32.8	436
2015/09/07 02:00:17	799 Gudula	43.6	15.55	3.19	194	1.2	35°39'10'' 51°44'23''	346	5.3	UCAC2	12.42	7 ^h 45 ^m 34.429 ^s 17°09'21.107''	29.6	99	48.9	-9.6	20.9	43.7	32.8	227
2015/09/07 17:30:42	3394 Banno	7.9	17.61	5.68	66	1.7	35°24'37'' 49°51'05''	251	1.9	UCAC2	11.93	19 ^h 01 ^m 58.844 ^s −13°49'56.374''	26.3	180	120.2	-13.7	175.6	-22.4	26.6	152
2015/09/07 22:11:14	1306 Scythia	67.5	15.35	1.64	132	2.8	37°26'07'' 49°07'23''	141	10.2	UCAC2	13.98	6 ^h 05 ^m 03.050 ^s 29°11'21.570''	18.7	67	73.7	-33.5	17.7	1.2	25.0	218
2015/09/08 01:23:40	2008 Konsti-tutsiya	50.3	16.35	2.48	123	1.3	35°04'59'' 50°50'51''	316	6.2	UCAC2	13.99	9 ^h 07 ^m 56.147 ^s 33°37'32.843''	23.4	65	38.7	-15.1	31.1	30.2	23.8	294
2015/09/08 21:34:54	17619 1995 VT	11.0	17.56	4.14	223	2.2	34°23'02'' 51°38'48''	323	1.2	UCAC2	13.44	19 ^h 58 ^m 11.297 ^s −8°52'41.710''	17.9	231	133.0	-34.5	172.8	-11.1	17.0	192
2015/09/08 23:21:42	11652 John-brownlee	10.0	17.31	4.22	146	1.0	37°25'04'' 48°57'22''	146	1.6	UCAC2	13.11	21 ^h 40 ^m 17.114 ^s −17°15'38.676''	10.0	227	155.6	-29.6	155.3	2.9	16.5	175
2015/09/09 00:46:18	4457 van Gogh	13.2	16.17	5.61	170	0.9	37°03'39'' 48°36'07''	161	1.9	TYC	10.57	23 ^h 09 ^m 53.746 ^s 2°06'16.287''	27.3	237	172.3	-20.4	129.8	15.6	16.0	179
2015/09/09 01:35:26	26482 2000 AM203	12.0	18.41	6.42	45	0.7	36°24'27'' 49°39'19''	169	1.9	UCAC2	11.99	5 ^h 33 ^m 14.360 ^s 25°07'26.277''	53.2	119	81.9	-13.7	35.9	23.2	15.8	253
2015/09/09 01:46:30	3815 Konig	23.2	17.82	4.97	9	0.8	36°19'03'' 49°58'18''	165	3.7	UCAC2	12.87	6 ^h 44 ^m 40.561 ^s 15°57'01.890''	37.2	112	65.3	-12.1	18.6	24.9	15.8	249
2015/09/09 02:15:03	20125 1995 YK	6.3	17.87	7.71	220	1.1	38°17'50'' 51°33'45''	40	0.6	UCAC2	10.17	3 ^h 10 ^m 23.903 ^s 2°37'48.098''	42.0	194	118.9	-7.8	73.1	29.3	15.6	158
2015/09/09 02:44:59	1867 Dei-phobus	122.7	16.37	2.91	175	5.1	36°05'27'' 51°36'53''	355	10.5	UCAC2	13.53	6 ^h 59 ^m 01.152 ^s 27°36'41.360''	52.8	112	62.9	-3.2	19.3	33.8	15.5	429
2015/09/09 02:52:37	1994 Shane	25.1	18.30	5.23	22	0.6	36°14'19'' 50°14'35''	351	3.5	UCAC2	13.08	8 ^h 56 ^m 40.618 ^s 10°01'52.870''	22.5	102	32.9	-2.0	13.9	34.9	15.4	287
2015/09/09 17:40:25	12853 1998 FZ97	6.9	16.97	4.79	217	0.5	36°17'31'' 48°05'54''	180	0.5	TYC	12.20	18 ^h 08 ^m 26.930 ^s −15°42'14.091''	22.5	198	105.4	-15.8	144.6	-23.7	11.3	123
2015/09/09 19:52:55	41081 1999 VW47	5.0	18.66	6.74	172	0.5	37°20'23'' 48°39'41''	154	0.7	UCAC2	11.92	0 ^h 31 ^m 08.757 ^s 17°02'58.239''	41.5	116	150.1	-30.9	114.9	-25.0	10.8	181
2015/09/09 21:56:44	33756 1999 RF48	6.9	17.96	7.20	159	0.6	34°40'56'' 51°02'40''	314	1.0	TYC	10.76	22 ^h 04 ^m 06.744 ^s −13°09'46.092''	23.8	205	161.7	-34.6	160.6	-15.9	10.2	179
2015/09/10 17:20:08	5453 Za-kharchenya	6.0	17.32	5.82	15	1.9	36°29'26'' 50°05'12''	73	2.0	TYC	11.51	19 ^h 45 ^m 57.235 ^s −16°10'29.162''	23.2	169	127.8	-13.2	155.8	-21.3	5.9	117
2015/09/10 20:13:00	9297 Marchuk	11.5	16.33	4.07	42	1.9	35°42'19'' 50°03'28''	272	2.8	UCAC2	12.29	19 ^h 29 ^m 44.132 ^s −3°20'34.102''	28.1	222	124.0	-32.7	149.4	-28.5	5.4	161

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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}	
2015/09/10 23:23:33	63 Ausonia	103.1	12.75	1.95	116	4.8	37°27'17" 49°20'05"	134	17.6	TYC	11.00	5 ^h 59 ^m 41.095 ^s 29°10'06.660"	32.5	82	77.9	-30.1	53.3	-13.6	4.8	194	
2015/09/11 20:50:30	309 Fraterni- tas	45.3	16.20	4.02	219	1.9	33°57'55" 51°21'18"	311	5.0	UCAC2	12.21	6 ^h 22 ^m 37.957 ^s 26°50'31.880"	5.3	54	73.6	-34.9	58.5	-31.9	1.8	216	
2015/09/11 21:14:26	65638 1981 DN1	6.0	16.37	6.23	219	1.3	35°47'51" 48°06'17"	189	0.2	TYC	10.14	21 ^h 16 ^m 56.894 ^s -7°24'20.038"	28.3	210	149.7	-35.5	164.9	-31.4	1.8	103	
2015/09/11 22:53:16	16970 1998 VV2	15.1	19.02	5.35	67	0.6	36°09'25" 50°38'28"	352	1.7	UCAC2	13.68	6 ^h 48 ^m 51.294 ^s 18°04'39.476"	12.5	77	67.1	-32.8	52.6	-24.8	1.6	351	
2015/09/11 23:36:42	10229 1997 WR3	5.8	17.21	6.99	163	1.4	37°02'32" 48°39'52"	161	0.7	TYC	10.22	1 ^h 56 ^m 58.250 ^s 4°43'55.867"	44.4	169	139.4	-29.2	125.1	-20.2	1.6	114	
2015/09/11 23:39:31	106638 2000 WB133	5.0	18.57	8.04	246	0.9	35°54'26" 52°14'25"	354	0.5	TYC	10.53	20 ^h 39 ^m 07.512 ^s 1°37'58.106"	12.7	257	139.7	-29.0	152.5	-19.9	1.5	244	
2015/09/12 01:31:22	28977 2001 KP73	6.3	18.76	8.32	124	0.7	34°54'32" 50°44'18"	308	1.1	TYC	10.45	4 ^h 08 ^m 54.546 ^s 34°16'06.698"	72.0	146	101.7	-15.1	89.4	-4.9	1.4	186	
2015/09/12 15:55:32	26289 1998 SL74	5.5	19.14	8.15	169	0.5	33°58'30" 49°44'46"	259	0.8	TYC	10.99	18 ^h 20 ^m 29.630 ^s -37°27'47.209"	2.3	173	104.4	-0.8	110.4	-4.3	0.4	213	
2015/09/13 00:04:52	34408 2000 RX94	5.0	18.17	6.96	195	0.7	37°30'37" 48°29'08"	153	0.6	TYC	11.21	21 ^h 43 ^m 21.024 ^s -18°05'22.561"	2.1	238	152.0	-26.6	154.7	-25.1	0.1	166	
2015/09/13 15:56:55	3211 Louis- pharailda	32.5	15.45	3.22	173	3.4	35°45'25" 51°33'58"	347	3.4	TYC	12.29	23 ^h 47 ^m 57.008 ^s 4°57'56.865"	4.4	87	169.4	-1.4	173.0	-0.7	0.1	108	
2015/09/13 17:09:48	6621 Timchuk	6.0	17.06	5.57	212	3.0	33°31'43" 49°23'13"	250	0.4	TYC	11.50	20 ^h 00 ^m 44.154 ^s -23°32'18.311"	15.5	167	127.0	-12.7	121.9	-12.1	0.2	115	
2015/09/13 18:08:29	6146 Adamkraft	6.3	16.21	4.32	105	0.6	35°03'34" 50°34'33"	304	1.4	TYC	11.91	19 ^h 12 ^m 54.748 ^s -28°05'25.555"	11.2	191	115.5	-21.1	110.4	-20.7	0.2	95	
2015/09/13 22:03:17	44687 1999 RS204	5.0	18.64	6.71	148	0.7	37°07'17" 48°49'49"	156	0.8	UCAC2	11.94	20 ^h 37 ^m 23.390 ^s -1°26'12.830"	23.1	237	138.0	-35.9	131.7	-39.4	0.4	171	
2015/09/13 23:11:01	55496 2001 UC73	15.1	19.84	11.21	210	0.6	37°52'57" 48°28'16"	147	1.6	TYC	8.63	7 ^h 16 ^m 56.701 ^s 21°45'15.190"	14.9	74	62.8	-32.2	70.3	-37.2	0.4	274	
2015/09/14 03:04:03	20762 2000 EE36	14.5	16.95	4.78	247	0.7	35°30'06" 52°12'31"	347	1.3	UCAC2	12.18	5 ^h 47 ^m 43.724 ^s 16°29'32.606"	55.3	160	83.8	-1.4	92.9	-9.6	0.6	194	
2015/09/14 19:45:24	2238 Stesh- enko	18.1	16.40	2.55	112	2.6	35°26'06" 50°53'50"	327	3.8	UCAC2	13.96	1 ^h 16 ^m 43.981 ^s 7°13'26.665"	28.7	115	151.0	-32.2	167.7	-31.1	2.1	129	
2015/09/14 19:46:33	914 Palisana	76.6	12.81	0.55	115	3.5	35°43'05" 49°04'49"	201	15.3	UCAC2	13.26	16 ^h 56 ^m 29.853 ^s -8°19'45.441"	4.8	251	82.6	-32.3	66.3	-31.2	2.1	146	
2015/09/14 21:27:29	3115 Bailly	18.0	15.46	1.96	15	1.0	36°15'23" 49°54'53"	188	4.6	UCAC2	13.69	5 ^h 26 ^m 19.307 ^s 27°41'48.072"	20.9	71	89.0	-36.8	106.4	-40.9	2.3	156	
2015/09/15 16:26:44	2709 Sagan	20.2	17.26	5.52	241	1.5	36°26'48" 47°53'08"	177	1.7	UCAC2	11.74	18 ^h 08 ^m 43.229 ^s -20°37'26.574"	19.3	185	99.7	-6.8	73.7	2.2	5.1	163	
2015/09/15 18:30:24	1980 Tez- catlipoca	13.0	15.76	2.71	178	0.8	38°46'06" 49°59'39"	92	0.1	UCAC2	13.14	6 ^h 36 ^m 23.640 ^s 47°32'53.328"	10.7	20	77.0	-24.7	100.8	-17.3	5.5	57	

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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}
2015/09/15 20:40:21	1665 Gaby	14.1	16.02	4.22	180	0.6	38°30'14" 49°18'12"	118	1.8 4.0	TYC 131800691	11.82	6 ^h 12 ^m 12.582 ^s 17°54'07.958"	0.2	62	79.6	-36.1	107.6	-35.8	5.9	139
2015/09/16 00:52:07	4254 Kamel	13.2	16.48	2.99	20	0.6	36°18'26" 49°52'15"	176	3.4 3.4	UCAC2 36954016	13.56	5 ^h 46 ^m 09.661 ^s 14°44'06.588"	40.9	120	86.1	-21.6	115.9	-43.1	6.7	155
2015/09/16 01:06:48	1969 Alain	24.4	17.90	6.70	73	1.3	36°02'44" 50°41'19"	346	3.5 3.6	TYC 132400218	11.20	5 ^h 56 ^m 02.122 ^s 21°09'36.378"	46.7	116	83.6	-19.6	113.6	-41.9	6.7	267
2015/09/16 02:37:07	31821 1999 RK225	12.6	20.22	8.48	176	0.5	36°14'01" 48°27'45"	181	1.0 1.1	UCAC2 36985219	11.74	7 ^h 11 ^m 00.352 ^s 14°40'54.743"	43.6	126	65.6	-6.1	96.2	-31.6	7.0	464
2015/09/17 01:02:11	1351 Uzbek-istania	64.9	15.76	2.14	53	2.4	36°33'05" 49°35'56"	159	10.7 11.0	UCAC2 42743620	13.78	7 ^h 05 ^m 35.304 ^s 31°26'57.561"	43.1	90	69.8	-20.5	109.6	-48.6	12.2	234
2015/09/17 16:11:48	5222 Ioffe	22.0	16.79	5.49	135	0.8	35°33'51" 48°55'56"	203	3.0 3.4	TYC 37100384	11.31	16 ^h 14 ^m 06.016 ^s 2°32'27.080"	35.5	220	68.7	-5.2	27.1	11.7	16.5	255
2015/09/17 21:02:35	3316 Herzberg	23.5	17.81	4.83	139	1.4	35°18'42" 51°08'09"	330	2.4 2.6	UCAC2 37672312	12.99	5 ^h 44 ^m 35.614 ^s 16°51'42.967"	8.0	73	88.2	-37.6	138.2	-32.1	18.0	359
2015/09/17 21:27:19	10263 Vadim-simona	9.1	17.19	5.48	177	0.9	38°05'33" 48°58'21"	133	1.2 2.4	UCAC2 36048144	11.71	1 ^h 12 ^m 04.005 ^s 12°28'35.974"	48.0	145	152.7	-37.9	155.4	-35.7	18.1	151
2015/09/18 00:10:08	40067 1998 KA54	6.6	17.85	6.13	211	0.8	35°43'48" 51°54'48"	349	0.7 1.6	TYC 51101969	11.72	20 ^h 40 ^m 12.601 ^s 0°13'44.514"	3.2	267	135.0	-27.5	85.5	-52.4	19.0	163
2015/09/18 01:52:18	169 Zelia	33.6	15.06	3.80	99	0.8	36°33'44" 49°10'47"	168	4.9 5.2	TYC 83501351	11.29	10 ^h 00 ^m 30.663 ^s 14°55'04.171"	12.0	81	27.8	-13.5	79.7	-51.2	19.5	256
2015/09/18 03:18:05	7650 Kaname	11.0	16.64	4.74	4	1.0	36°19'60" 50°01'22"	130	2.9 2.9	UCAC2 35506334	11.91	0 ^h 48 ^m 58.401 ^s 10°52'38.296"	21.0	262	158.6	-0.1	146.7	-43.0	20.0	153
2015/09/18 17:45:34	3196 Maklaj	14.5	16.20	4.23	165	1.4	36°57'33" 48°37'53"	163	2.1 3.7	UCAC2 33862760	11.99	1 ^h 05 ^m 17.095 ^s 6°10'25.530"	13.5	97	157.9	-19.8	142.5	3.1	24.8	156
2015/09/18 21:18:36	426 Hippo	127.1	13.16	0.55	281	8.8	37°00'11" 47°33'51"	170	7.4 30.3	UCAC2 37821767	13.60	23 ^h 11 ^m 07.580 ^s 16°34'00.837"	56.5	190	159.9	-38.3	115.3	-29.5	26.1	163
2015/09/18 23:04:15	77902 2001 TY141	10.5	20.34	6.93	55	0.6	35°45'11" 50°24'36"	317	1.0 1.0	UCAC2 41169368	13.41	6 ^h 14 ^m 52.701 ^s 26°42'03.349"	30.3	83	82.2	-34.4	143.4	-44.6	26.7	434
2015/09/18 23:14:10	5 Astraea	119.1	11.67	0.91	159	3.3	35°46'17" 51°26'23"	347	17.7 25.3	TYC 136700465	11.38	7 ^h 54 ^m 29.087 ^s 17°22'06.009"	9.3	74	58.3	-33.6	120.5	-45.8	26.8	185
2015/09/19 00:16:37	1564 Srbija	22.1	16.08	2.51	169	0.9	36°21'21" 48°31'37"	178	3.1 4.6	UCAC2 36259847	13.68	6 ^h 24 ^m 38.516 ^s 12°33'26.234"	29.9	107	79.6	-27.0	141.9	-52.3	27.2	191
2015/09/19 01:03:45	5330 Senrikyu	12.4	15.84	2.38	57	1.6	36°26'53" 50°33'05"	12	3.2 3.4	UCAC2 35666689	13.59	20 ^h 54 ^m 57.557 ^s 10°48'46.795"	4.4	282	136.2	-20.9	80.1	-55.1	27.5	144
2015/09/19 17:25:53	1680 1999 Brahe	14.1	15.26	2.13	55	13.4	35°32'10" 49°56'04"	257	3.6 3.9	UCAC2 22358199	13.29	20 ^h 38 ^m 48.825 ^s -23°52'32.622"	15.2	167	129.5	-17.3	60.6	10.2	33.0	145
2015/09/19 20:03:36	19588 2003 NL11	5.8	19.74	7.92	230	0.6	39°04'33" 49°02'45"	119	0.6 1.0	UCAC2 22983355	11.82	18 ^h 30 ^m 11.937 ^s -22°25'47.306"	1.3	232	100.6	-35.6	29.0	-11.7	34.6	241
2015/09/19 20:36:58	1354 Botha	48.8	17.29	6.03	141	5.3	38°00'47" 49°26'43"	119	6.4 7.5	TYC 185400621	11.26	5 ^h 13 ^m 11.000 ^s 26°41'05.775"	17.5	69	96.8	-37.5	166.1	-16.8	34.9	261

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}
2015/09/19 22:54:46	11275 1988 SL3	15.8	19.72	6.09	80	0.6	35°59'03" 50°44'21"	344	1.4	UCAC2 36635571	13.63	7 ^h 42 ^m 32.500 ^s 13°57'49.262"	6.2	76	61.7	-35.4	135.0	-38.1	35.8	460
2015/09/20 01:24:14	811 Nauheima	23.6	16.61	4.21	38	0.9	36°19'11" 50°23'05"	4	3.8	UCAC2 38959541	12.42	7 ^h 08 ^m 56.100 ^s 20°27'54.412"	40.2	107	70.5	-18.2	144.9	-55.3	36.8	245
2015/09/20 01:35:48	1665 Gaby	14.1	15.96	3.53	98	0.6	35°48'01" 50°52'29"	339	3.2	UCAC2 38223902	12.48	6 ^h 19 ^m 59.877 ^s 18°00'31.665"	47.1	125	81.8	-16.5	156.5	-56.0	36.9	136
2015/09/20 02:15:16	225 Henrietta	120.5	15.38	1.96	11	7.0	36°18'56" 50°08'45"	11	17.1	UCAC2 33525607	13.62	5 ^h 58 ^m 32.534 ^s 5°21'48.032"	42.2	151	87.1	-10.5	158.1	-57.3	37.2	279
2015/09/20 17:48:49	9385 Avignon	7.6	16.74	7.15	56	0.8	37°03'36" 50°05'47"	84	1.9	TYC 56700726	9.59	22 ^h 30 ^m 40.212 ^s 0°18'42.240"	32.2	138	160.1	-21.0	79.0	12.1	43.6	151
2015/09/21 00:14:44	5212 1989 SS	12.6	16.69	3.36	113	1.0	36°42'41" 49°03'59"	164	2.3	UCAC2 34385467	13.38	22 ^h 35 ^m 17.507 ^s 7°00'05.199"	24.0	251	159.5	-27.8	78.9	-43.0	46.4	183
2015/09/21 01:02:16	618 Elfriede	120.3	14.26	1.68	28	6.7	36°16'53" 49°47'59"	181	20.5	UCAC2 36432886	12.84	6 ^h 19 ^m 54.952 ^s 13°22'59.079"	39.2	120	82.7	-21.6	167.9	-49.2	46.7	230
2015/09/21 01:39:38	2686 Linda Susan	15.1	17.27	5.01	192	1.1	36°39'40" 51°45'33"	8	1.9	UCAC2 38930881	12.27	5 ^h 33 ^m 23.749 ^s 20°03'39.284"	55.3	141	93.8	-16.2	177.9	-53.3	47.0	207
2015/09/21 01:39:38	2686 Linda Susan	15.1	17.27	5.05	192	1.1	36°39'40" 51°45'33"	8	1.9	TYC 130500840	12.23	5 ^h 33 ^m 23.749 ^s 20°03'39.284"	55.3	141	93.8	-16.2	177.9	-53.3	47.0	207
2015/09/21 03:00:27	18228 Hyper-enor	14.5	19.88	5.95	104	0.6	36°09'51" 50°58'32"	355	1.3	UCAC2 40344281	13.94	7 ^h 50 ^m 34.205 ^s 24°02'29.517"	51.7	119	62.6	-3.6	148.5	-58.1	47.6	444
2015/09/21 20:30:02	68197 2001 BU65	6.3	19.28	8.30	54	0.7	36°23'52" 49°34'14"	171	1.0	TYC 232200831	10.98	2 ^h 17 ^m 40.390 ^s 36°29'24.476"	51.9	91	130.0	-38.0	124.6	-1.5	55.1	234
2015/09/21 21:10:41	65638 1981 DN1	6.0	16.61	8.36	27	2.8	36°03'55" 49°50'51"	215	2.9	HIP 104720	8.25	21 ^h 12 ^m 47.491 ^s -7°09'23.399"	24.9	220	139.3	-39.4	43.7	-7.3	55.5	77
2015/09/21 21:26:13	3682 Welther	19.3	15.00	1.37	40	2.4	36°37'21" 49°45'21"	144	7.0	UCAC2 43575330	13.99	4 ^h 10 ^m 44.408 ^s 33°40'36.538"	41.0	84	110.8	-39.5	147.2	-9.6	55.6	101
2015/09/22 02:17:16	373 Melusina	95.8	14.93	1.96	7	4.5	36°12'26" 50°04'52"	304	17.1	UCAC2 45157133	13.16	6 ^h 41 ^m 18.963 ^s 38°03'34.601"	66.2	109	80.5	-10.7	159.7	-51.7	57.7	221
2015/09/22 02:30:09	859 Bouzareah	74.0	15.36	4.77	80	2.8	35°45'18" 50°41'07"	332	12.1	TYC 245600954	10.61	7 ^h 22 ^m 34.338 ^s 32°24'43.643"	58.2	110	71.3	-8.7	161.4	-53.0	57.8	228
2015/09/22 03:03:10	7064 Montesquieu	9.5	17.60	5.56	92	0.7	36°10'14" 49°13'37"	185	1.8	TYC 600890	12.05	0 ^h 21 ^m 27.852 ^s 2°37'21.613"	10.1	262	172.6	-3.4	88.2	-55.8	58.1	192
2015/09/22 16:44:22	5747 1991 CO3	11.0	16.27	2.50	82	1.2	37°08'07" 49°33'18"	132	2.7	UCAC2 39064455	13.88	21 ^h 20 ^m 39.938 ^s 20°29'25.704"	51.5	128	136.5	-12.1	50.6	22.7	64.0	132
2015/09/22 19:54:15	16014 Sinha	5.0	19.21	7.46	218	1.1	38°20'46" 48°37'12"	137	0.6	UCAC2 22115656	11.75	19 ^h 48 ^m 50.962 ^s -24°23'44.982"	8.0	215	115.3	-36.1	11.4	10.5	65.3	202
2015/09/22 22:14:03	578 Happelia	69.3	15.31	2.90	24	4.1	36°30'31" 49°53'03"	139	11.9	UCAC2 41517376	12.49	6 ^h 26 ^m 51.620 ^s 27°57'17.524"	23.8	74	83.5	-38.9	164.1	-8.0	66.4	230
2015/09/22 22:14:03	578 Happelia	69.3	15.31	2.68	24	4.1	36°30'31" 49°53'03"	139	11.9	TYC 188700894	12.73	6 ^h 26 ^m 51.620 ^s 27°57'17.524"	23.8	74	83.5	-38.9	164.1	-8.0	66.4	230

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}
2015/09/23 03:11:42	6955 Ekaterina	11.0	17.99	4.18	133	0.7	36°19'55" 48°51'16"	179	1.7	UCAC2 40322610	13.83	6 ^h 10 ^m 00.601 ^s 24°04'09.535"	63.8	166	87.3	-2.3	160.1	-50.7	68.6	211
2015/09/24 03:15:03	43998 Nanyoshino	6.9	19.62	8.18	175	0.8	38°43'48" 50°07'36"	87	0.9	TYC 9101387	11.44	4 ^h 44 ^m 50.828 ^s 5°34'25.256"	43.6	203	109.2	-2.0	124.8	-42.8	78.5	249
2015/09/25 15:35:36	5183 Robyn	12.0	15.88	3.15	17	1.1	36°05'54" 50°08'24"	307	3.1	UCAC2 40285670	12.80	23 ^h 40 ^m 52.525 ^s 23°52'55.528"	23.8	81	156.0	-2.2	42.6	14.1	91.0	153
2015/09/25 17:49:05	82804 2001 QJ30	5.5	17.52	6.29	129	0.7	38°05'32" 50°07'50"	86	1.0	TYC 55200800	11.23	21 ^h 45 ^m 43.855 ^s 4°30'29.270"	42.0	155	144.3	-22.9	14.2	27.8	91.7	163
2015/09/25 22:23:29	8983 Rayakazakova	12.6	17.40	4.51	226	2.3	37°48'45" 48°16'50"	151	1.3	UCAC2 28460984	12.90	20 ^h 24 ^m 24.923 ^s -9°51'35.369"	4.6	249	123.2	-39.5	26.2	20.2	93.0	194
2015/09/26 01:59:38	43926 1996 EL1	7.2	17.31	5.40	238	1.0	33°03'20" 50°35'46"	285	0.5	UCAC2 44089251	11.92	3 ^h 27 ^m 46.640 ^s 35°11'18.431"	70.0	230	122.5	-14.4	84.4	-9.9	93.8	135
2015/09/26 17:27:32	4482 Frerebasile	8.7	16.25	3.48	153	0.5	35°37'10" 51°21'17"	342	1.2	TYC 373901225	12.81	5 ^h 14 ^m 51.704 ^s 55°41'54.252"	22.0	25	98.9	-20.1	96.8	24.8	97.0	108
2015/09/27 00:49:24	997 Priska	18.7	15.55	2.80	229	1.9	35°46'54" 52°04'37"	351	0.8	UCAC2 37644672	12.83	23 ^h 47 ^m 13.134 ^s 16°12'32.664"	33.2	255	163.8	-25.1	21.5	12.5	98.2	112
2015/09/27 16:36:54	45290 2000 AG33	5.0	19.41	10.76	215	0.9	33°17'07" 50°10'56"	274	0.5	HIP 98134	8.65	19 ^h 56 ^m 39.198 ^s -22°42'50.182"	17.1	173	112.7	-12.7	61.1	14.5	99.7	142
2015/09/27 18:09:44	2222 Lermontov	25.3	15.58	2.87	221	2.4	34°34'21" 51°42'56"	327	2.4	UCAC2 28473475	12.79	23 ^h 05 ^m 44.530 ^s -9°48'15.109"	24.3	146	159.3	-26.5	15.7	27.4	99.8	156
2015/09/28 15:21:47	7051 Sean	10.0	18.21	4.70	20	0.7	36°15'36" 50°13'39"	355	1.7	UCAC2 21181183	13.53	18 ^h 43 ^m 27.774 ^s -26°03'58.918"	13.7	173	94.8	-1.0	92.6	-2.1	99.6	228
2015/09/28 17:54:03	5033 Mistral	11.5	16.87	3.24	29	3.7	35°59'14" 50°13'34"	313	2.7	UCAC2 26358237	13.68	21 ^h 34 ^m 47.216 ^s -15°11'11.989"	24.1	168	136.0	-24.7	53.1	21.5	99.4	165
2015/09/28 21:07:47	105 Artemis	119.1	13.76	0.82	136	8.9	36°15'01" 51°16'11"	359	20.0	UCAC2 32822022	13.64	5 ^h 24 ^m 47.065 ^s 3°06'10.231"	8.4	95	103.7	-42.1	65.6	43.5	99.1	172
2015/09/28 22:40:48	25532 1999 XJ133	9.1	16.72	4.79	89	0.7	36°52'00" 49°20'40"	152	2.1	UCAC2 27772455	11.95	0 ^h 55 ^m 50.588 ^s -11°13'21.946"	28.3	191	163.9	-39.6	16.7	45.0	98.9	141
2015/09/29 00:17:44	118815 2000 SM108	12.0	20.69	7.92	33	0.8	36°01'51" 50°17'55"	327	1.0	UCAC2 40501460	12.77	6 ^h 57 ^m 12.430 ^s 24°41'40.799"	40.3	99	82.4	-29.8	84.9	38.7	98.8	479
2015/09/29 02:30:51	3565 Ojima	14.5	17.29	4.30	221	0.7	36°42'59" 48°05'05"	172	1.6	UCAC2 39469248	13.01	6 ^h 52 ^m 24.865 ^s 21°30'18.821"	57.0	141	83.3	-10.3	82.7	21.8	98.5	217
2015/09/29 03:26:42	73677 1988 SA3	13.2	19.82	6.14	234	0.6	37°25'34" 48°04'53"	160	1.0	UCAC2 44996468	13.68	7 ^h 59 ^m 18.679 ^s 37°36'42.044"	68.8	116	72.0	-1.3	94.5	13.5	98.4	439
2015/09/29 22:39:34	2849 Shklovskij	17.7	17.73	5.58	66	1.5	36°55'21" 49°37'12"	136	3.3	UCAC2 40986475	12.16	5 ^h 43 ^m 09.372 ^s 26°03'12.676"	38.0	94	100.0	-40.0	54.3	49.4	95.0	203
2015/09/30 01:44:52	765 Mattiaca	11.5	16.01	3.71	139	0.6	36°44'50" 48°50'17"	166	2.0	UCAC2 42215940	12.34	6 ^h 28 ^m 17.053 ^s 29°50'04.983"	62.0	126	90.2	-17.7	62.7	39.3	94.3	131
2015/09/30 02:33:02	6949 Zissell	6.3	17.11	5.23	124	0.5	35°31'36" 51°02'56"	334	1.2	TYC 468700037	11.89	1 ^h 41 ^m 55.091 ^s -7°27'27.866"	14.1	240	158.0	-10.2	19.4	33.0	94.0	120

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				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	Phase (%)	σ_{km}	
2015/09/30 23:10:34	5080 Oja	10.0	16.41	3.53	104	0.6	35°18'44"	318	2.3	UCAC2	12.93	6 ^h 08 ^m 22.563 ^s	42.2	92	95.4	-37.9	45.7	88.3	121
							50°44'37"		3.3	42211340	29°56'20.025"								