

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 2.1.1
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 100

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 1		LinOccult 2.1.1		
		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	Dist	Alt	Phase (%)	σ_{km}	
2010/04/01 00:15:44	91112 1998 HJ52	5.0	17.53	6.39	9	0.5	36°22'06'' 50°06'29''	41	1.4	TYC	11.14	11 ^h 41 ^m 10.643 ^s 9°44'10.863''	-26.0	159.5	-26.0	20.3	94.9	140
2010/04/01 23:15:06	6524 Baalke	12.6	16.66	4.14	145	0.7	36°16'43'' 48°44'29''	180	2.0	UCAC2	12.54	6 ^h 53 ^m 20.839 ^s 23°17'35.338''	-31.5	90.3	-31.5	17.7	89.4	192
2010/04/02 01:43:12	31717 1999 JA58	9.5	18.14	6.16	98	0.8	37°21'50'' 50°35'30''	52	1.7	UCAC2	11.98	18 ^h 03 ^m 43.160 ^s -25°27'04.202''	-14.2	101.2	-14.2	14.8	88.6	202
2010/04/02 16:44:44	29144 1988 FB	6.6	17.27	5.44	35	0.5	36°31'23'' 50°19'08''	29	2.3	TYC	11.84	7 ^h 53 ^m 44.663 ^s 24°17'11.674''	-6.8	103.0	-6.8	124.1	-36.0	110
2010/04/02 18:56:28	12481 1999 Streuvels	6.9	18.97	7.71	208	0.6	36°32'51'' 48°10'57''	175	0.8	TYC	11.26	7 ^h 21 ^m 06.895 ^s 12°44'49.697''	-25.0	97.2	-25.0	129.4	-15.9	195
2010/04/03 00:34:13	16446 1989 MH	13.2	16.71	3.90	85	0.6	35°57'16'' 49°18'54''	196	2.7	UCAC2	12.84	19 ^h 09 ^m 45.234 ^s -21°24'19.236''	-23.1	86.8	-23.1	42.3	15.7	173
2010/04/03 01:43:34	7352 1994 CO	52.5	16.60	2.96	83	4.3	36°17'37'' 50°47'47''	0	5.4	UCAC2	13.71	18 ^h 41 ^m 53.024 ^s -17°24'56.800''	-13.8	93.0	-13.8	36.4	15.1	377
2010/04/03 18:06:20	77672 2001 MV17	8.3	18.13	6.39	197	0.9	38°54'14'' 50°37'57''	71	1.0	TYC	11.75	9 ^h 58 ^m 43.014 ^s -15°18'24.568''	-18.4	136.7	-18.4	94.0	-32.9	213
2010/04/04 01:36:38	14917 Taco	10.5	17.99	4.30	202	1.6	33°35'13'' 50°37'15''	288	1.3	UCAC2	13.71	15 ^h 50 ^m 27.324 ^s -36°17'05.169''	-14.4	128.8	-14.4	19.5	14.8	193
2010/04/04 02:32:39	30459 2000 OK6	5.5	17.46	5.61	153	0.7	34°47'28'' 51°02'22''	316	0.7	UCAC2	11.85	17 ^h 20 ^m 11.914 ^s -18°50'54.198''	-6.0	113.4	-6.0	7.1	14.3	108
2010/04/04 22:49:12	4559 Strauss	11.5	18.00	7.18	220	1.9	34°35'29'' 48°24'42''	214	1.3	TYC	10.83	8 ^h 19 ^m 35.566 ^s 23°50'34.265''	-32.1	106.7	-32.1	146.9	-0.2	199
2010/04/05 16:13:42	3818 Gorlitsa	10.2	19.63	5.75	160	0.6	36°35'00'' 51°28'31''	8	1.5	UCAC2	13.88	6 ^h 37 ^m 19.908 ^s 21°26'22.990''	-1.2	83.1	-1.2	177.3	-61.5	180
2010/04/05 20:06:22	5546 Salavat	10.0	16.62	4.81	229	2.8	36°09'29'' 52°06'07''	358	0.7	UCAC2	11.82	8 ^h 55 ^m 58.093 ^s 3°35'29.757''	-30.6	118.8	-30.6	141.8	-29.7	131
2010/04/05 21:08:18	1149 Volga	55.6	16.26	2.45	155	2.2	36°56'32'' 51°22'35''	18	8.2	UCAC2	13.93	5 ^h 47 ^m 47.174 ^s 18°42'39.149''	-33.6	71.3	-33.6	166.1	-20.1	199
2010/04/06 00:59:04	10812 1999 Grotlingbo	7.2	19.24	7.57	109	0.8	35°49'23'' 49°06'50''	198	1.2	TYC	11.67	18 ^h 19 ^m 01.664 ^s -23°12'10.232''	-18.9	101.6	-18.9	7.7	9.5	215
2010/04/06 01:25:50	5759 1999 Zoshchenko	11.0	16.83	6.62	240	1.1	37°30'52'' 52°03'31''	21	0.8	HIP	10.21	11 ^h 28 ^m 27.560 ^s 7°30'49.649''	-15.2	153.5	-15.2	112.4	11.8	152
2010/04/06 18:10:27	2415 Ganesa	13.2	17.43	4.15	64	0.6	36°30'55'' 50°35'59''	15	2.7	UCAC2	13.31	6 ^h 29 ^m 54.365 ^s 24°22'41.238''	-18.1	80.1	-18.1	166.1	-52.3	186
2010/04/06 19:14:39	29932 1999 JB46	7.6	17.35	6.03	134	0.7	35°14'20'' 49°03'20''	214	1.2	UCAC2	11.33	14 ^h 07 ^m 12.410 ^s -15°12'48.351''	-25.7	161.7	-25.7	76.2	-43.4	191
2010/04/07 01:23:58	671 Carnegia	58.7	15.64	3.17	254	10.4	39°46'07'' 50°33'02''	77	4.7	UCAC2	12.53	17 ^h 27 ^m 03.177 ^s -32°01'11.416''	-15.2	113.7	-15.2	32.7	9.7	174
2010/04/07 18:09:34	442 1999 Eichsfeldia	65.7	14.81	2.79	29	3.2	36°27'34'' 50°16'55''	25	17.9	UCAC2	12.10	6 ^h 43 ^m 05.152 ^s 21°58'04.107''	-17.7	82.3	-17.7	157.5	-54.5	142

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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}	
2010/04/07 18:09:34	442 Eichsfeldia	65.7	14.81	2.79	29	3.2	36°27'34" 50°16'55"	25	17.9 18.3	UCAC2 39466568	12.10	6 ^h 43 ^m 05.152 ^s 21°58'04.107"	45.9	247	82.3	-17.7	157.5	-54.5	37.4	142	
2010/04/07 19:19:22	2124 Nissen	15.1	16.13	4.02	207	1.4	37°17'05" 51°47'54"	20	1.6 4.0	UCAC2 28558202	12.14	14 ^h 22 ^m 57.565 ^s -9°19'53.706"	14.6	125	160.6	-25.9	86.4	-46.5	37.0	152	
2010/04/08 01:58:30	2919 Dali	15.8	16.85	3.17	25	0.8	36°15'43" 50°16'16"	356	3.6 3.6	UCAC2 23748268	13.74	19 ^h 22 ^m 08.462 ^s -20°37'16.898"	15.1	153	88.8	-9.8	17.2	11.7	34.4	174	
2010/04/08 16:26:38	71130 1999 XX176	5.0	19.10	10.18	38	0.8	36°48'11" 50°08'04"	75	1.0 1.0	HIP 45318	8.92	9 ^h 14 ^m 09.448 ^s -21°46'43.147"	16.4	162	121.8	-2.5	143.4	-52.5	29.2	204	
2010/04/08 20:48:30	121 Hermione	209.0	13.62	0.78	123	7.1	36°41'45" 51°07'33"	14	30.4 34.6	UCAC2 40815774	13.57	5 ^h 20 ^m 17.126 ^s 25°51'57.048"	10.4	298	62.3	-31.9	125.3	-36.9	27.6	233	
2010/04/09 16:32:49	23948 1998 UQ18	10.5	18.19	6.20	239	0.7	38°08'27" 51°51'12"	33	1.0 2.0	UCAC2 43435766	11.99	7 ^h 32 ^m 08.517 ^s 33°14'11.658"	72.1	206	89.9	-3.2	141.5	-45.5	20.9	210	
2010/04/10 00:36:43	17414 1988 RN10	11.5	20.03	7.32	194	0.6	37°04'05" 48°22'41"	163	0.8 0.8	UCAC2 28819054	12.71	19 ^h 51 ^m 39.905 ^s -8°33'07.334"	14.9	124	81.8	-20.3	31.9	-4.3	18.4	572	
2010/04/10 00:49:47	4584 Akan	11.0	18.33	5.85	97	1.1	35°38'31" 49°17'08"	209	1.8 2.0	UCAC2 19268602	12.49	18 ^h 46 ^m 19.278 ^s -30°12'09.373"	4.1	150	99.8	-18.6	50.4	-2.2	18.3	213	
2010/04/10 02:41:26	101574 1999 BAI	7.2	18.58	6.99	27	0.5	36°02'13" 49°52'02"	222	1.1 1.1	UCAC2 47735192	11.59	10 ^h 31 ^m 50.132 ^s 47°45'01.777"	21.8	320	113.9	-2.6	139.8	14.3	17.8	264	
2010/04/10 19:13:05	2696 Magion	20.2	16.60	2.80	69	0.7	36°27'47" 50°39'39"	10	4.3 4.6	UCAC2 31992254	13.88	6 ^h 18 ^m 30.116 ^s 0°47'34.549"	14.1	254	75.6	-24.3	116.0	-44.6	13.1	173	
2010/04/10 20:12:52	11205 1999 FY28	10.0	17.71	3.95	204	1.8	35°42'24" 51°50'33"	348	1.2 2.3	UCAC2 37004479	13.79	10 ^h 39 ^m 58.433 ^s 14°58'10.791"	52.1	210	134.9	-29.3	169.4	-41.8	12.8	176	
2010/04/10 21:10:54	84913 2003 UG226	5.2	19.45	7.42	88	0.9	35°29'39" 50°39'24"	320	0.8 0.8	TYC 196701170	12.03	9 ^h 59 ^m 30.210 ^s 29°25'51.163"	51.8	254	119.5	-31.8	153.1	-36.4	12.5	247	
2010/04/11 16:37:29	3816 Chugainov	13.8	16.53	2.88	236	0.7	34°41'03" 48°12'21"	209	1.1 3.7	UCAC2 39474833	13.73	7 ^h 13 ^m 41.627 ^s 21°55'00.111"	59.1	212	85.5	-3.4	117.7	-28.3	7.9	149	
2010/04/11 18:07:43	17872 1998 SP22	9.5	15.92	4.44	207	0.9	37°26'33" 51°45'46"	23	0.9 2.8	TYC 554000469	11.50	13 ^h 10 ^m 32.210 ^s -11°21'41.436"	15.0	129	176.2	-16.4	149.4	-36.8	7.6	137	
2010/04/11 19:39:13	1262 Sniadeckia	51.5	16.16	5.78	206	1.9	35°28'34" 48°16'33"	196	6.1 9.8	TYC 132002089	10.39	5 ^h 53 ^m 31.933 ^s 19°34'42.390"	19.6	277	66.9	-26.4	98.0	-39.6	7.3	209	
2010/04/11 21:24:00	1595 Tanga	22.2	17.71	6.94	73	1.1	37°03'58" 50°28'06"	50	4.0 4.3	TYC 189301432	10.77	6 ^h 44 ^m 38.665 ^s 23°34'55.048"	14.1	290	78.5	-31.6	108.5	-34.3	6.9	206	
2010/04/11 22:19:32	76574 2000 GM114	6.3	18.12	6.68	23	0.6	36°18'36" 49°50'42"	176	1.2 1.2	UCAC2 32542303	11.44	11 ^h 51 ^m 03.943 ^s 2°10'52.402"	34.5	222	155.3	-30.9	172.5	-28.5	6.7	209	
2010/04/12 02:44:30	797 Montana	28.3	15.03	2.28	55	1.7	35°50'04" 50°26'41"	324	7.6 8.2	UCAC2 24227477	12.90	19 ^h 20 ^m 29.683 ^s -19°54'59.130"	19.3	168	93.1	-1.5	65.4	11.0	5.9	137	
2010/04/12 19:12:57	2696 Magion	20.2	16.61	3.54	31	0.7	35°56'58" 49°52'10"	231	4.5 4.6	UCAC2 32159777	13.12	6 ^h 21 ^m 48.020 ^s 1°05'59.523"	13.6	255	74.5	-23.7	94.7	-33.0	3.2	175	
2010/04/12 20:07:24	929 Algunde	12.6	17.01	4.82	149	0.6	35°16'08" 48°53'02"	209	2.0 3.2	UCAC2 38592233	12.20	6 ^h 41 ^m 48.992 ^s 19°21'44.810"	22.0	274	77.2	-28.3	96.9	-34.3	3.0	157	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 3		LinOccult 2.1.1				
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}
2010/04/12 20:57:42	1630 Milet	20.0	15.94	3.07	14	1.6	36°06'54" 49°59'44"	245	5.1	UCAC2 40347647	12.94	8 ^h 30 ^m 34.007 ^s 24°29'18.679"	35.1	267	101.2	-30.7	119.5	-33.5	2.9	155
2010/04/12 22:40:09	1595 Tanga	22.2	17.72	4.57	204	1.1	37°02'04" 51°49'06"	15	2.6	UCAC2 40167810	13.17	6 ^h 45 ^m 43.219 ^s 23°34'25.707"	2.8	304	77.7	-29.6	95.9	-26.1	2.7	207
2010/04/13 00:21:44	18331 DQ6	12.0	17.45	4.27	229	1.2	33°10'01" 49°38'13"	258	1.2	UCAC2 15770063	13.20	15 ^h 32 ^m 31.330 ^s -37°50'25.309"	1.8	188	139.1	-21.0	125.1	-13.5	2.5	200
2010/04/13 18:54:02	920 Rogeria	23.9	16.01	2.55	148	1.0	36°26'01" 51°22'20"	4	3.9	UCAC2 35912172	13.57	7 ^h 02 ^m 53.590 ^s 11°57'24.603"	30.8	250	82.2	-21.4	91.5	-24.1	0.7	157
2010/04/13 19:55:44	1973 Colocolo	15.8	17.83	7.11	132	0.5	36°54'28" 48°55'55"	160	2.2	TYC 71202824	10.72	5 ^h 24 ^m 35.392 ^s 13°48'02.765"	6.8	283	58.1	-27.1	67.0	-27.9	0.7	250
2010/04/13 20:38:45	2984 Chaucer	27.2	16.40	4.08	26	3.2	36°06'47" 49°50'20"	208	8.9	UCAC2 27306712	12.35	14 ^h 52 ^m 36.848 ^s -12°42'05.912"	20.2	143	158.8	-29.7	150.1	-29.1	0.6	118
2010/04/13 21:59:08	7342 Uchi-noura	10.0	16.24	3.42	230	0.9	33°59'21" 48°37'02"	226	0.6	UCAC2 32712143	12.87	14 ^h 41 ^m 07.575 ^s 2°43'52.106"	41.7	164	158.2	-30.7	149.8	-27.6	0.6	131
2010/04/14 00:36:48	18268 Dard-anos	11.5	19.76	6.46	131	0.9	38°06'60" 49°57'52"	94	0.9	UCAC2 28973411	13.31	18 ^h 56 ^m 04.656 ^s -8°25'28.491"	23.6	140	99.2	-18.8	92.3	-13.1	0.4	465
2010/04/14 20:16:04	392 Wil-helmina	62.9	14.86	1.32	136	7.1	35°31'28" 48°55'54"	204	11.1	UCAC2 27118780	13.93	16 ^h 20 ^m 03.358 ^s -13°25'58.660"	6.8	120	138.5	-28.2	140.8	-22.0	0.3	151
2010/04/15 02:10:53	51869 PR4	6.6	18.56	7.41	69	1.2	35°24'24" 50°18'28"	295	1.3	UCAC2 17533088	11.15	16 ^h 44 ^m 06.964 ^s -33°34'03.256"	4.4	198	130.0	-5.7	137.7	-2.8	0.5	197
2010/04/15 22:24:19	32528 OZ105	11.0	16.89	3.44	116	0.9	37°53'34" 50°13'14"	80	1.9	UCAC2 22471610	13.49	12 ^h 35 ^m 55.038 ^s -23°16'15.504"	12.9	206	160.5	-29.2	152.3	-20.3	2.3	192
2010/04/15 23:09:22	1908 Pobeda	21.8	16.43	4.32	191	9.0	38°47'43" 50°40'22"	69	2.6	UCAC2 20443945	12.13	17 ^h 15 ^m 02.821 ^s -27°50'32.753"	7.4	153	125.6	-26.7	143.3	-19.8	2.5	149
2010/04/16 01:26:28	1139 Atami	10.4	17.02	3.84	84	0.8	37°24'05" 49°49'22"	107	2.6	UCAC2 27904421	13.21	18 ^h 55 ^m 43.340 ^s -11°16'26.916"	25.9	156	101.6	-11.7	118.4	-10.8	2.7	128
2010/04/17 19:26:22	15410 YZ	12.0	17.58	4.52	207	0.7	35°42'40" 51°52'23"	349	1.4	UCAC2 32357276	13.08	7 ^h 55 ^m 51.734 ^s 1°43'12.130"	23.3	243	93.0	-23.4	57.0	7.4	11.6	213
2010/04/17 19:31:23	1466 Mundleria	21.5	17.34	5.66	192	0.6	36°25'05" 48°19'36"	177	2.7	UCAC2 36592410	11.68	5 ^h 19 ^m 59.344 ^s 13°46'58.557"	7.4	283	53.2	-23.9	17.8	6.7	11.6	199
2010/04/17 20:13:55	405 Thia	124.9	13.47	0.95	34	4.8	35°50'02" 50°08'38"	288	29.8	UCAC2 37330120	13.11	6 ^h 24 ^m 17.636 ^s 15°31'31.586"	12.1	280	68.5	-27.1	30.2	1.3	11.9	160
2010/04/17 20:40:04	4238 Audrey	6.0	16.28	4.66	168	0.7	34°55'34" 48°49'37"	216	0.5	UCAC2 30202558	11.64	13 ^h 12 ^m 23.036 ^s -4°37'47.870"	35.3	173	170.5	-28.4	130.3	-1.8	12.0	95
2010/04/18 00:03:44	22765 AR5	7.6	17.85	7.14	31	0.6	36°32'11" 50°16'47"	35	1.7	TYC 30600870	10.71	13 ^h 23 ^m 18.890 ^s 6°34'26.406"	34.1	234	162.1	-21.2	124.6	-15.3	13.0	178
2010/04/18 00:06:50	16933 FV88	6.6	19.02	7.29	114	0.9	34°44'48" 49°48'05"	256	1.2	UCAC2 19258669	11.73	18 ^h 31 ^m 47.458 ^s -30°21'32.462"	4.2	151	110.7	-20.9	152.8	-15.3	13.1	187
2010/04/18 00:34:05	20219 GP36	7.9	16.22	4.87	237	1.2	39°36'15" 50°12'57"	85	0.5	TYC 618701522	11.36	15 ^h 58 ^m 45.525 ^s -16°31'33.950"	22.8	192	146.5	-17.8	168.8	-15.3	13.1	140

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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}	
2010/04/18 01:02:48	26206 PJ4	11.0	18.05	5.37	162	0.5	36°58'47" 48°39'54"	162	1.6	UCAC2 25219087	12.69	20 ^h 34 ^m 54.266 ^s −17°35'42.284"	9.1	132	81.2	-14.3	123.6	-14.8	13.3	203	
2010/04/18 16:53:29	5222 Ioffe	22.0	14.50	2.39	81	1.3	35°55'59" 50°44'11"	342	5.8	UCAC2 20856451	12.23	11 ^h 39 ^m 26.609 ^s −26°46'06.810"	6.0	146	146.3	-4.1	106.7	39.2	18.5	123	
2010/04/18 22:41:06	8102 Yoshikazu	5.5	19.20	7.70	207	0.6	38°51'10" 50°56'17"	62	0.6	TYC 629402509	11.50	18 ^h 57 ^m 38.089 ^s −21°09'25.009"	0.9	125	105.2	-27.4	158.9	-7.7	20.6	174	
2010/04/19 01:05:27	14695 AR200	10.0	17.23	3.99	56	0.9	36°56'47" 50°19'24"	57	2.5	UCAC2 31878807	13.27	15 ^h 43 ^m 08.085 ^s 0°21'18.997"	36.5	210	148.9	-13.6	143.2	-15.0	21.5	145	
2010/04/19 20:18:20	2432 Soomana	10.0	15.88	2.85	104	0.9	35°39'21" 49°12'20"	206	2.3	UCAC2 27848595	13.11	13 ^h 13 ^m 01.982 ^s −11°18'08.959"	28.2	169	171.0	-26.7	106.4	16.2	29.2	109	
2010/04/20 00:31:04	7142 Spinoza	10.0	17.69	4.23	120	1.4	36°55'02" 51°02'58"	22	1.9	UCAC2 22774966	13.48	18 ^h 37 ^m 52.160 ^s −22°55'48.908"	13.2	154	111.0	-17.5	178.3	-12.8	31.0	165	
2010/04/20 01:12:10	11218 JD20	6.9	18.14	6.99	116	1.3	35°03'48" 50°44'03"	311	1.3	UCAC2 22759255	11.15	18 ^h 16 ^m 22.734 ^s −22°55'00.309"	16.4	169	116.0	-12.4	176.1	-14.9	31.2	164	
2010/04/20 18:02:53	102 Miriam	83.0	13.77	1.51	181	5.7	37°33'58" 51°27'26"	30	10.4	UCAC2 28380449	12.58	13 ^h 25 ^m 37.111 ^s −9°44'29.379"	18.3	132	173.0	-13.3	96.2	44.0	38.7	140	
2010/04/20 18:30:15	4649 Sumoto	15.8	16.96	3.23	51	1.0	36°51'50" 50°19'18"	54	3.3	UCAC2 43786578	13.79	8 ^h 32 ^m 37.153 ^s 34°11'50.876"	60.5	251	91.4	-16.7	20.8	39.9	39.0	185	
2010/04/20 19:26:51	1388 Aphrodite	25.2	17.14	5.34	161	0.7	34°48'26" 48°57'52"	221	3.3	UCAC2 42021749	11.80	5 ^h 16 ^m 05.334 ^s 29°13'13.344"	17.4	295	50.2	-22.6	28.4	31.1	39.4	250	
2010/04/20 20:37:25	1062 Ljuba	55.1	15.51	1.76	144	2.0	37°58'60" 50°45'33"	57	8.6	UCAC2 41177402	13.99	6 ^h 44 ^m 48.775 ^s 26°34'33.733"	18.1	290	69.5	-27.3	9.6	20.1	39.9	193	
2010/04/21 01:14:38	44848 TY291	6.0	18.64	8.80	211	0.8	33°20'16" 50°08'33"	273	0.6	TYC 569803966	9.84	18 ^h 29 ^m 32.942 ^s −12°36'16.749"	26.4	165	112.9	-11.7	162.8	-14.5	42.0	160	
2010/04/21 16:55:40	3565 Ojima	18.2	17.08	3.26	39	0.5	36°30'36" 50°21'56"	24	3.2	UCAC2 40483782	13.88	5 ^h 55 ^m 13.132 ^s 24°58'53.605"	43.7	257	57.6	-3.7	31.8	55.9	49.4	226	
2010/04/21 21:30:22	1582 Martir	36.8	16.93	3.25	25	1.6	36°00'32" 50°11'03"	307	6.5	UCAC2 41527670	13.74	7 ^h 08 ^m 44.064 ^s 27°59'06.483"	14.2	297	73.7	-28.1	19.4	17.7	51.6	224	
2010/04/21 22:47:23	4076 Dorffel	13.8	17.26	3.51	73	2.1	36°16'04" 49°23'26"	181	2.9	UCAC2 21867246	13.79	18 ^h 51 ^m 42.124 ^s −24°31'41.805"	1.1	132	109.8	-26.0	157.4	5.9	52.3	174	
2010/04/22 19:26:20	8229 Kozelsky	10.5	17.73	4.84	240	0.7	34°46'55" 48°08'03"	207	1.0	UCAC2 30028239	12.91	14 ^h 35 ^m 37.095 ^s −5°12'24.689"	24.8	135	168.9	-21.9	82.6	40.7	62.0	193	
2010/04/22 19:44:52	848 Inna	21.9	17.28	3.80	127	0.7	36°52'12" 51°07'42"	19	3.1	UCAC2 39811710	13.51	5 ^h 51 ^m 50.179 ^s 22°32'26.389"	13.8	289	55.7	-23.5	48.2	38.2	62.1	251	
2010/04/23 01:43:13	1255 Schilowa	32.5	15.75	2.05	261	10.0	39°56'27" 50°01'25"	91	2.5	UCAC2 23933574	13.87	17 ^h 53 ^m 28.415 ^s −20°24'35.990"	19.5	185	124.1	-7.2	128.9	-15.0	64.7	178	
2010/04/23 18:36:14	963 Iduberga	11.5	16.83	2.98	117	0.6	35°05'09" 49°20'36"	228	2.3	UCAC2 41709283	13.93	8 ^h 29 ^m 25.249 ^s 28°15'11.232"	53.1	249	89.4	-16.5	29.9	46.1	72.4	150	
2010/04/23 22:02:48	4047 TT2	7.9	17.41	5.84	221	2.0	38°59'07" 51°02'56"	60	0.6	UCAC2 21157606	11.57	18 ^h 04 ^m 58.906 ^s −26°04'42.267"	0.9	135	122.4	-27.1	118.6	20.8	74.1	128	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 5		LinOccult 2.1.1			
		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}
2010/04/23 23:52:10	4569 Baerbel	14.5	15.03	3.42	171	1.3	33°54'54" 50°15'24"	278	1.8	UCAC2 29103734	11.66	13 ^h 08 ^m 58.237 ^s −7°43'41.808"	18.4	232	165.3	-20.3	45.8	3.6	74.7	126
2010/04/24 20:39:56	56749 OJ4	5.0	18.70	8.96	21	0.7	36°15'46" 49°51'30"	185	0.9	TYC 680501752	9.74	16 ^h 14 ^m 43.963 ^s −29°02'55.052"	1.6	142	146.6	-26.1	81.0	33.8	82.9	233
2010/04/25 01:09:26	1175 Margo	30.2	16.05	3.12	122	1.3	34°45'30" 50°32'24"	297	5.1	UCAC2 30927090	12.99	20 ^h 54 ^m 21.799 ^s −2°58'18.761"	23.5	127	79.7	-11.2	146.0	-5.5	84.5	197
2010/04/25 01:11:16	2261 Keeler	9.1	15.21	4.75	46	1.4	36°24'31" 50°27'05"	11	3.4	TYC 255000918	10.47	13 ^h 59 ^m 08.892 ^s 35°49'50.439"	47.0	273	131.0	-11.0	52.8	-5.8	84.6	94
2010/04/25 19:18:24	71 Niobe	83.4	12.66	1.16	23	3.0	36°36'30" 50°04'14"	84	17.1	UCAC2 42045015	11.95	6 ^h 49 ^m 00.534 ^s 29°11'22.260"	29.8	281	65.6	-20.3	79.2	35.9	90.3	191
2010/04/25 19:48:03	1102 Pepita	39.3	15.69	4.01	176	1.4	37°24'60" 51°27'14"	27	5.0	UCAC2 34808420	11.70	6 ^h 38 ^m 44.748 ^s 8°50'41.172"	8.5	274	65.4	-22.8	78.8	35.2	90.4	238
2010/04/25 20:07:02	24043 SD13	5.0	17.24	7.10	239	0.7	35°06'06" 48°02'41"	201	0.2	TYC 37100454	10.14	16 ^h 09 ^m 46.407 ^s 2°47'01.742"	26.4	120	146.7	-24.1	65.1	34.4	90.5	123
2010/04/25 21:17:09	4085 Weir	11.5	15.77	2.84	131	1.4	36°55'17" 48°56'40"	160	2.1	UCAC2 37545344	13.01	12 ^h 38 ^m 26.688 ^s 16°02'52.619"	52.7	212	142.5	-26.7	23.5	29.3	90.9	124
2010/04/26 17:38:37	8097 Yaman-ishi	5.2	18.77	6.64	142	0.5	35°36'21" 48°51'20"	200	0.9	TYC 82601242	12.14	9 ^h 29 ^m 07.855 ^s 12°39'52.101"	51.3	201	104.3	-8.6	52.1	23.4	95.7	151
2010/04/26 17:41:19	30534 OA5	12.0	17.23	4.69	47	0.9	35°37'45" 50°00'59"	266	2.4	UCAC2 22924671	12.56	13 ^h 17 ^m 04.892 ^s −22°08'20.092"	8.5	140	163.6	-8.9	15.6	23.7	95.7	196
2010/04/26 20:02:22	1104 Syringa	22.1	17.28	4.11	21	0.7	36°02'00" 49°57'40"	242	5.3	UCAC2 39831928	13.19	6 ^h 57 ^m 28.459 ^s 22°42'01.653"	18.9	283	66.9	-23.5	90.9	29.9	96.1	165
2010/04/26 20:57:15	27985 Reman-zacco	6.6	17.93	6.67	44	1.1	36°36'07" 50°23'30"	30	1.8	UCAC2 23163020	11.26	16 ^h 40 ^m 29.205 ^s −21°34'10.420"	8.3	139	144.8	-26.0	57.2	28.5	96.3	142
2010/04/27 20:09:19	3578 Carestia	62.4	16.73	4.11	223	2.2	38°24'57" 51°32'00"	43	6.1	UCAC2 39290022	12.65	6 ^h 29 ^m 54.972 ^s 21°09'31.757"	11.8	289	59.7	-23.7	111.2	24.0	99.2	321
2010/04/28 19:18:47	5572 Bliskunov	20.3	15.89	4.79	154	2.2	37°15'37" 51°17'21"	27	3.1	TYC 560400583	11.12	15 ^h 39 ^m 35.268 ^s −12°11'34.226"	12.9	128	161.4	-19.5	17.8	13.7	99.7	136
2010/04/29 20:46:21	14767 1137 T-1	5.0	17.00	5.22	161	1.2	34°41'14" 49°02'17"	225	0.4	TYC 679900132	11.78	16 ^h 34 ^m 52.754 ^s −26°11'30.075"	4.8	142	148.1	-24.8	14.5	13.1	97.7	87
2010/04/30 00:34:35	1594 Danjon	11.6	15.67	3.57	195	0.7	38°08'17" 51°20'34"	43	0.7	UCAC2 22355588	12.14	20 ^h 18 ^m 07.377 ^s −23°37'28.596"	7.7	142	98.1	-14.0	62.5	12.9	97.1	99
2010/04/30 00:39:43	1989 Tatry	12.6	16.73	3.00	42	1.3	35°42'41" 49°59'30"	261	3.3	UCAC2 19288411	13.81	19 ^h 45 ^m 42.116 ^s −30°03'09.857"	5.0	152	106.3	-13.4	54.0	12.5	97.1	147
2010/04/30 17:10:06	3339 Treshnikov	32.8	17.62	3.68	245	0.9	38°02'42" 51°56'59"	31	3.2	UCAC2 40309117	13.98	5 ^h 10 ^m 45.666 ^s 24°06'05.973"	27.9	275	38.7	-3.7	169.0	-20.6	94.2	278
2010/04/30 20:56:29	52 Europa	302.5	11.92	0.77	101	9.1	37°01'54" 50°49'32"	32	49.8	UCAC2 39464123	11.88	6 ^h 35 ^m 24.188 ^s 21°45'24.784"	4.4	299	58.0	-24.8	151.5	7.8	93.4	198
2010/05/01 00:28:14	7053 1989 FA	5.8	17.51	5.77	7	3.1	36°21'20" 50°05'36"	44	2.1	UCAC2 25144210	11.74	17 ^h 52 ^m 59.165 ^s −17°53'40.245"	22.0	174	131.8	-14.5	18.5	14.5	92.7	107

