

## 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: 86

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	Az	Dist	Alt	Dist	Alt	Phase (%)	$\sigma_{km}$
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 <sup>h</sup> 52 <sup>m</sup> 59.165 <sup>s</sup> −17°53'40.245"	22.0	174	131.8	-14.5	18.5	14.5	92.7	107
2010/05/01 17:58:52	2261 Keeler	9.1	15.27	3.18	100	1.2	34°56'33" 50°17'31"	286	2.2	TYC 254700083	12.15	13 <sup>h</sup> 53 <sup>m</sup> 12.639 <sup>s</sup> 34°49'12.516"	55.7	100	129.0	-10.0	77.7	-22.0	88.2	94
2010/05/02 00:08:55	17861 1998 KN24	13.2	17.24	3.74	77	1.7	35°14'27" 50°13'56"	285	2.3	UCAC2 16914745	13.54	18 <sup>h</sup> 24 <sup>m</sup> 55.347 <sup>s</sup> −35°23'50.133"	3.2	165	125.2	-16.2	14.7	15.0	86.4	212
2010/05/02 00:43:31	2896 Preiss	9.5	15.30	4.88	28	2.7	36°39'23" 49°58'45"	106	4.4	TYC 566800239	10.43	17 <sup>h</sup> 44 <sup>m</sup> 28.475 <sup>s</sup> −13°04'28.510"	27.0	181	134.3	-12.4	12.0	15.1	86.4	81
2010/05/02 01:05:36	24691 1990 RH3	10.0	17.54	3.67	186	1.7	33°41'53" 50°13'11"	276	1.3	UCAC2 28418140	13.91	18 <sup>h</sup> 43 <sup>m</sup> 48.958 <sup>s</sup> −9°45'11.905"	29.9	170	119.4	-9.7	21.8	14.9	86.2	169
2010/05/02 01:32:41	4804 Pasteur	15.8	16.28	4.56	132	7.1	35°32'21" 51°08'14"	336	2.9	TYC 625402208	11.73	17 <sup>h</sup> 58 <sup>m</sup> 37.346 <sup>s</sup> −17°34'56.392"	22.0	190	131.5	-6.1	8.5	14.1	86.0	142
2010/05/02 17:03:32	10689 1981 DZ1	7.9	17.78	6.33	33	0.7	36°04'54" 49°46'45"	206	1.7	TYC 495600491	11.45	12 <sup>h</sup> 52 <sup>m</sup> 24.245 <sup>s</sup> −7°20'56.326"	22.9	136	152.8	-2.3	78.5	-38.2	81.2	188
2010/05/02 18:38:16	3577 Putilin	27.5	16.54	4.47	259	0.6	35°34'40" 52°19'56"	349	2.6	UCAC2 39796377	12.09	4 <sup>h</sup> 16 <sup>m</sup> 10.992 <sup>s</sup> 22°38'16.754"	3.9	301	24.1	-14.4	151.8	-23.5	80.7	279
2010/05/02 18:58:55	205 Martha	80.9	14.91	5.06	232	2.2	37°57'44" 51°50'58"	31	8.3	TYC 72801791	9.86	5 <sup>h</sup> 58 <sup>m</sup> 24.466 <sup>s</sup> 14°57'09.008"	10.1	281	48.1	-16.6	169.5	-20.3	80.6	210
2010/05/02 23:30:11	1042 Ama-zone	73.6	16.20	4.74	193	2.7	38°52'58" 49°36'37"	105	8.7	TYC 296101415	11.47	7 <sup>h</sup> 21 <sup>m</sup> 47.300 <sup>s</sup> 40°12'26.058"	7.0	330	65.3	-19.6	160.3	12.2	79.1	250
2010/05/03 18:08:05	1052 Belgica	13.4	16.63	3.35	101	0.9	35°27'43" 49°19'03"	216	2.9	UCAC2 38973184	13.33	9 <sup>h</sup> 19 <sup>m</sup> 37.486 <sup>s</sup> 20°29'39.157"	52.3	230	92.9	-10.7	150.1	-34.6	72.5	142
2010/05/03 20:25:41	1254 Erfordia	45.5	15.46	3.74	93	4.7	35°36'05" 49°20'26"	212	10.0	UCAC2 19681718	11.75	16 <sup>h</sup> 14 <sup>m</sup> 16.534 <sup>s</sup> −29°02'21.111"	3.7	146	155.1	-22.8	41.3	-13.3	71.7	148
2010/05/03 20:30:10	38005 1998 KM47	11.5	17.88	5.31	234	1.1	35°49'49" 47°58'12"	188	1.2	UCAC2 29523877	12.58	18 <sup>h</sup> 57 <sup>m</sup> 24.434 <sup>s</sup> −6°53'20.763"	1.8	103	117.2	-23.0	15.7	-12.6	71.7	209
2010/05/04 01:30:30	32602 2001 QE185	12.6	16.59	2.84	30	1.1	36°22'53" 50°18'22"	13	3.0	UCAC2 22023111	13.83	15 <sup>h</sup> 52 <sup>m</sup> 09.344 <sup>s</sup> −24°17'37.211"	6.7	218	161.8	-5.9	49.2	18.1	69.8	167
2010/05/04 20:59:47	2566 Kirghizia	10.0	16.34	3.00	236	1.4	34°47'57" 48°09'44"	207	0.4	UCAC2 22032765	13.41	16 <sup>h</sup> 55 <sup>m</sup> 52.832 <sup>s</sup> −24°15'22.517"	7.7	144	148.7	-23.7	44.6	-12.9	62.4	112
2010/05/05 00:53:59	8652 Acacia	5.2	17.23	4.94	131	3.8	35°09'35" 49°07'48"	218	0.9	TYC 684600993	12.30	18 <sup>h</sup> 04 <sup>m</sup> 54.331 <sup>s</sup> −25°48'27.977"	14.2	181	133.2	-10.3	31.1	16.6	60.8	101
2010/05/05 18:42:30	660 Crescentia	42.2	12.72	0.77	228	7.5	37°13'16" 52°00'21"	17	1.0	TYC 41601827	12.68	17 <sup>h</sup> 50 <sup>m</sup> 45.254 <sup>s</sup> 0°33'49.648"	2.2	92	132.4	-14.1	46.9	-38.2	54.0	94
2010/05/05 18:43:01	602 Marianna	124.7	14.25	2.19	55	11.2	35°36'10" 49°48'48"	242	24.3	TYC 609500790	12.22	12 <sup>h</sup> 09 <sup>m</sup> 31.822 <sup>s</sup> −16°29'35.519"	23.6	178	141.5	-14.2	121.3	-38.1	53.9	193
2010/05/07 17:26:30	3812 Lidak-sum	34.0	17.49	6.23	261	1.0	37°34'04" 52°15'12"	20	3.0	TYC 135602435	11.27	6 <sup>h</sup> 58 <sup>m</sup> 28.353 <sup>s</sup> 22°02'25.686"	36.7	261	56.6	-4.4	129.7	-45.9	35.7	323
2010/05/07 19:09:08	2726 Kotel-nikov	34.0	18.13	4.26	104	1.5	35°19'05" 49°21'13"	222	6.0	UCAC2 38790807	13.89	8 <sup>h</sup> 30 <sup>m</sup> 53.688 <sup>s</sup> 19°44'16.657"	33.3	261	78.2	-16.3	150.2	-37.8	35.0	195

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 2		LinOccult 2.1.1			
Date Time (UTC)	Asteroid			Nearest point			Star				Sun		Moon								
	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 (%)	$\sigma_{km}$	
2010/05/07 23:30:53	7544 Ti- pografyanauka	11.5	17.80	4.04	243	0.5	36°54'32" 47°54'27"	169	1.1	UCAC2	13.79	21 <sup>h</sup> 59 <sup>m</sup> 27.939 <sup>s</sup> −11°47'31.669"	0.3	109	79.3	−18.1	9.7	1.0	33.4	189	
2010/05/08 00:23:45	8145 Valujki	11.0	17.06	5.30	40	2.1	36°50'24" 50°03'43"	88	2.8	UCAC2	11.77	19 <sup>h</sup> 16 <sup>m</sup> 18.025 <sup>s</sup> −20°47'33.885"	16.8	159	119.4	−13.1	49.3	9.1	33.1	152	
2010/05/08 01:41:21	18996 Torasan	13.8	17.22	4.64	140	1.4	38°13'58" 50°14'07"	81	2.2	UCAC2	12.59	18 <sup>h</sup> 01 <sup>m</sup> 18.894 <sup>s</sup> −15°12'51.803"	23.2	198	136.3	−3.4	67.1	20.2	32.6	198	
2010/05/08 17:21:15	1571 Cesco	34.5	17.26	4.01	163	0.8	38°02'36" 50°59'57"	50	4.6	UCAC2	13.27	5 <sup>h</sup> 36 <sup>m</sup> 08.474 <sup>s</sup> 26°30'53.037"	26.9	280	36.9	−3.4	98.7	−41.6	26.9	237	
2010/05/08 19:55:04	43130 1999 XZ68	5.5	18.50	9.00	57	1.2	35°29'37" 50°08'10"	280	1.3	TYC	9.50	11 <sup>h</sup> 25 <sup>m</sup> 27.801 <sup>s</sup> 13°35'17.885"	46.2	225	118.3	−19.7	166.3	−32.6	25.9	158	
2010/05/08 22:29:38	6934 1994 YN2	13.2	16.06	2.26	107	2.3	35°54'01" 50°58'29"	345	2.9	UCAC2	13.95	17 <sup>h</sup> 29 <sup>m</sup> 21.105 <sup>s</sup> −19°36'11.551"	17.8	158	145.1	−21.7	85.2	−11.2	25.1	130	
2010/05/09 21:42:54	3606 Pohjola	11.0	16.61	3.54	145	2.2	37°52'23" 50°52'31"	51	1.8	UCAC2	13.11	18 <sup>h</sup> 44 <sup>m</sup> 26.245 <sup>s</sup> −19°17'55.458"	7.2	132	128.4	−22.6	79.1	−19.8	17.5	129	
2010/05/09 22:21:27	34839 2001 SL263	10.5	17.22	3.52	11	0.8	36°10'29" 49°58'53"	227	2.1	UCAC2	13.74	16 <sup>h</sup> 02 <sup>m</sup> 56.798 <sup>s</sup> −9°43'54.424"	30.4	178	164.2	−21.7	117.9	−14.4	17.2	201	
2010/05/09 22:46:42	16667 1993 XM1	21.9	17.82	5.40	228	2.3	36°45'42" 48°01'32"	171	2.0	UCAC2	12.43	17 <sup>h</sup> 43 <sup>m</sup> 49.918 <sup>s</sup> −17°01'51.564"	20.7	159	142.5	−20.6	93.8	−10.7	17.1	344	
2010/05/10 01:05:04	1078 Mentha	14.5	15.03	1.86	147	1.9	36°56'28" 48°48'01"	161	1.9	UCAC2	13.39	17 <sup>h</sup> 02 <sup>m</sup> 07.126 <sup>s</sup> −16°38'35.348"	19.9	205	152.5	−7.8	105.0	10.9	16.4	96	
2010/05/10 17:25:00	18150 Lopez- Moreno	11.5	18.11	4.94	42	0.7	36°09'12" 49°40'58"	193	2.1	UCAC2	13.18	9 <sup>h</sup> 24 <sup>m</sup> 26.081 <sup>s</sup> 16°11'15.029"	50.9	220	88.6	−3.5	128.0	−28.6	11.7	215	
2010/05/10 17:37:35	3687 Dzus	28.6	16.90	3.63	234	3.7	39°32'14" 49°51'04"	95	2.9	UCAC2	13.31	11 <sup>h</sup> 09 <sup>m</sup> 41.062 <sup>s</sup> −7°57'08.374"	32.1	182	121.0	−5.2	160.3	−29.3	11.7	199	
2010/05/10 18:20:41	1148 Rarahu	33.2	16.44	3.82	93	0.9	35°58'44" 49°14'23"	194	4.8	UCAC2	12.65	6 <sup>h</sup> 09 <sup>m</sup> 42.591 <sup>s</sup> 17°27'20.117"	14.9	280	42.8	−10.5	82.4	−30.9	11.5	259	
2010/05/10 19:58:42	5968 Trauger	6.9	16.85	4.30	220	0.5	37°02'56" 51°58'03"	14	0.3	TYC	12.57	19 <sup>h</sup> 46 <sup>m</sup> 58.103 <sup>s</sup> 12°41'39.774"	8.3	80	105.2	−19.4	70.3	−29.3	11.1	102	
2010/05/10 21:13:28	930 West- phalia	36.5	17.08	4.80	221	1.0	38°41'52" 51°18'51"	51	4.0	TYC	12.29	6 <sup>h</sup> 40 <sup>m</sup> 31.273 <sup>s</sup> 32°26'29.057"	6.6	315	49.4	−22.3	85.8	−23.6	10.7	217	
2010/05/11 20:48:47	1888 Zu Chong-Zhi	15.1	16.33	3.60	53	0.5	36°38'47" 50°27'39"	29	3.8	UCAC2	12.77	8 <sup>h</sup> 17 <sup>m</sup> 06.545 <sup>s</sup> 13°55'39.036"	8.3	282	72.5	−21.5	99.2	−24.2	5.4	147	
2010/05/12 20:38:36	11887 Echem- mon	20.9	18.33	6.45	239	1.8	35°26'04" 47°58'13"	195	1.9	UCAC2	11.88	18 <sup>h</sup> 49 <sup>m</sup> 07.376 <sup>s</sup> −7°58'58.649"	8.9	114	127.7	−20.9	112.4	−21.7	1.8	345	
2010/05/12 21:17:22	49606 1999 FU27	10.5	18.58	6.00	101	0.6	37°17'49" 49°24'57"	134	1.5	UCAC2	12.58	10 <sup>h</sup> 16 <sup>m</sup> 04.673 <sup>s</sup> 27°46'34.866"	32.1	276	93.7	−21.8	105.9	−20.8	1.7	259	
2010/05/12 22:47:39	117074 2004 KSI4	5.0	19.43	8.98	78	0.6	35°31'19" 49°32'59"	225	0.7	TYC	10.45	20 <sup>h</sup> 20 <sup>m</sup> 32.975 <sup>s</sup> −19°38'48.865"	4.5	128	109.2	−19.8	95.8	−15.1	1.5	268	
2010/05/13 00:46:51	52045 2002 PE80	5.5	17.53	5.55	172	0.6	33°58'11" 49°38'23"	255	0.7	TYC	11.98	17 <sup>h</sup> 08 <sup>m</sup> 00.366 <sup>s</sup> −21°51'27.520"	15.7	201	154.1	−9.3	141.2	−1.6	1.3	247	

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 (%)	$\sigma_{km}$
2010/05/13 17:31:12	13938 RP1	7.9	16.45	6.36	93	0.9	35°52'02'' 49°15'31''	199	1.9	TYC 36800151	10.09	16 <sup>h</sup> 17 <sup>m</sup> 48.487 <sup>s</sup> 0°12'05.063''	10.4	102	156.7	-3.7	151.3	-3.9	0.3	128
2010/05/13 21:07:12	6557 Yokonomura	12.6	17.44	4.49	213	0.8	35°15'25'' 48°15'35''	200	1.4	UCAC2 25774801	12.96	14 <sup>h</sup> 41 <sup>m</sup> 36.299 <sup>s</sup> -16°11'13.831''	23.8	184	170.2	-21.5	171.5	-18.3	0.2	207
2010/05/14 17:08:03	1461 Jean-Jacques	33.3	15.88	4.40	75	1.6	36°59'14'' 50°32'51''	42	5.9	TYC 195701639	11.50	9 <sup>h</sup> 13 <sup>m</sup> 58.195 <sup>s</sup> 27°45'52.783''	59.8	233	79.0	-0.4	70.2	8.2	0.6	213
2010/05/14 19:20:28	3958 Komen-dantov	11.5	16.38	3.76	81	0.8	35°36'28'' 49°28'12''	217	2.8	TYC 618000605	12.66	15 <sup>h</sup> 02 <sup>m</sup> 00.420 <sup>s</sup> -21°59'50.962''	14.3	155	173.6	-15.6	166.1	-7.4	0.8	138
2010/05/14 19:20:28	3958 Komen-dantov	11.5	16.38	4.09	81	0.8	35°36'28'' 49°28'12''	217	2.8	UCAC2 23148600	12.32	15 <sup>h</sup> 02 <sup>m</sup> 00.420 <sup>s</sup> -21°59'50.962''	14.3	155	173.6	-15.6	166.1	-7.4	0.8	138
2010/05/14 19:21:36	820 Adriana	58.8	16.49	4.34	239	22.8	32°57'11'' 50°17'50''	277	5.1	UCAC2 35216427	12.17	11 <sup>h</sup> 36 <sup>m</sup> 38.129 <sup>s</sup> 9°54'14.396''	45.0	216	116.7	-15.7	106.7	-7.5	0.8	167
2010/05/15 01:38:36	5542 Moffatt	11.0	17.58	7.90	41	2.0	36°50'04'' 49°56'14''	107	2.5	HIP 59333	9.68	12 <sup>h</sup> 10 <sup>m</sup> 16.667 <sup>s</sup> 20°08'50.904''	2.7	299	118.1	-2.3	104.9	-3.9	1.4	173
2010/05/15 19:42:26	17418 RT12	14.5	18.70	6.06	167	1.3	37°31'21'' 51°19'41''	32	1.3	UCAC2 25814727	12.64	17 <sup>h</sup> 43 <sup>m</sup> 51.525 <sup>s</sup> -16°19'54.503''	5.0	123	147.9	-17.1	167.1	-2.8	3.8	400
2010/05/16 18:02:13	1262 Sni-adeckia	51.5	16.26	2.55	66	1.4	35°28'55'' 49°45'11''	240	8.4	UCAC2 39123080	13.82	6 <sup>h</sup> 39 <sup>m</sup> 36.626 <sup>s</sup> 20°51'50.589''	21.4	277	43.7	-7.1	9.8	17.8	8.8	235
2010/05/16 20:32:45	22785 JP62	7.2	17.86	6.08	59	1.0	35°57'46'' 49°33'47''	203	1.7	UCAC2 27521108	11.79	18 <sup>h</sup> 02 <sup>m</sup> 33.043 <sup>s</sup> -12°13'24.316''	13.2	128	143.6	-19.8	167.8	-2.3	9.4	162
2010/05/17 23:39:32	5651 Traversa	15.1	16.89	3.19	16	3.8	36°09'27'' 49°55'40''	215	3.4	UCAC2 29153448	13.76	18 <sup>h</sup> 51 <sup>m</sup> 22.508 <sup>s</sup> -7°54'03.676''	30.5	161	131.8	-15.1	165.0	-15.6	18.2	178
2010/05/18 00:49:32	105789 SR121	5.8	20.03	8.64	218	0.6	39°18'56'' 50°17'39''	83	0.5	TYC 49900587	11.39	20 <sup>h</sup> 14 <sup>m</sup> 58.990 <sup>s</sup> 2°24'46.345''	39.8	154	108.7	-8.0	152.0	-18.2	18.6	347
2010/05/18 01:08:16	10412 Tsukuyomi	10.0	16.73	5.22	234	0.8	37°24'08'' 48°04'27''	160	0.8	UCAC2 26466217	11.52	15 <sup>h</sup> 18 <sup>m</sup> 35.715 <sup>s</sup> -14°45'03.565''	7.1	237	173.4	-5.7	123.0	-18.4	18.8	157
2010/05/18 17:52:16	1815 Beethoven	30.4	16.77	3.16	131	0.7	35°26'26'' 49°00'16''	208	4.6	UCAC2 39810972	13.68	5 <sup>h</sup> 48 <sup>m</sup> 59.643 <sup>s</sup> 22°58'34.105''	15.3	288	29.9	-5.5	30.5	33.2	25.4	224
2010/05/18 19:02:27	2654 Risten-part	20.5	16.60	2.93	260	2.4	34°33'23'' 48°00'20''	209	1.3	UCAC2 26482845	13.75	17 <sup>h</sup> 24 <sup>m</sup> 17.742 <sup>s</sup> -14°57'40.083''	5.0	120	155.0	-13.2	142.3	22.2	25.8	155
2010/05/19 20:08:12	502 Sigune	16.0	14.72	1.60	184	1.0	38°37'17'' 50°45'47''	64	1.7	UCAC2 43444737	13.40	10 <sup>h</sup> 57 <sup>m</sup> 17.762 <sup>s</sup> 33°05'57.458''	49.0	266	93.3	-17.9	32.6	16.9	37.0	122
2010/05/19 21:57:51	4318 Bata	15.8	16.78	6.80	206	1.4	38°09'22'' 48°39'11''	139	1.8	TYC 738001060	9.98	17 <sup>h</sup> 37 <sup>m</sup> 03.258 <sup>s</sup> -32°33'43.611''	5.4	162	152.1	-20.0	129.3	-0.0	37.9	183
2010/05/19 22:17:22	4113 Rascana	6.3	16.88	5.64	58	1.7	36°02'53'' 49°32'46''	197	2.2	TYC 626700807	11.25	18 <sup>h</sup> 33 <sup>m</sup> 11.665 <sup>s</sup> -15°26'31.752''	19.4	149	140.0	-19.5	143.3	-2.9	38.0	97
2010/05/19 22:55:47	7487 Toshi-tanaka	11.0	17.00	3.42	233	0.9	35°52'25'' 52°07'23''	353	0.9	UCAC2 27127838	13.63	17 <sup>h</sup> 20 <sup>m</sup> 09.352 <sup>s</sup> -13°04'18.412''	27.0	177	156.4	-17.8	125.0	-8.2	38.3	149
2010/05/20 18:06:31	226 Weringia	33.8	15.65	2.63	150	1.5	35°13'17'' 48°53'12''	211	5.0	UCAC2 39313843	13.12	8 <sup>h</sup> 51 <sup>m</sup> 52.061 <sup>s</sup> 21°03'03.756''	39.4	255	70.1	-6.8	18.2	38.3	47.4	208

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		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 (%)	$\sigma_{km}$
2010/05/20 18:52:34	5081 Sanguin	15.4	16.06	4.86	97	1.3	34°56'60" 49°54'19"	261	3.6 4.9	TYC 144001040	11.21	11 <sup>h</sup> 31 <sup>m</sup> 31.162 <sup>s</sup> 20°51'22.202"	55.0	223	104.9	-11.8	26.8	32.1	47.8	125
2010/05/20 21:19:46	2127 Tanya	39.3	16.57	3.05	147	3.3	38°20'55" 50°02'38"	90	6.0 7.9	UCAC2 39490439	13.59	10 <sup>h</sup> 52 <sup>m</sup> 25.126 <sup>s</sup> 21°36'02.209"	28.2	271	96.3	-20.0	18.7	9.5	49.0	197
2010/05/22 18:23:55	6249 Jennifer	11.0	15.15	2.95	194	0.8	35°58'13" 48°18'48"	187	0.6 4.5	UCAC2 34496948	12.27	18 <sup>h</sup> 08 <sup>m</sup> 21.878 <sup>s</sup> 7°39'06.290"	12.6	93	137.2	-8.4	99.0	35.1	69.9	97
2010/05/23 18:07:01	5249 Giza	22.2	18.00	6.60	150	0.6	35°18'11" 48°51'45"	208	3.0 3.7	UCAC2 39829345	11.40	6 <sup>h</sup> 48 <sup>m</sup> 49.008 <sup>s</sup> 22°41'05.439"	19.0	283	38.9	-6.3	87.6	31.8	79.7	239
2010/05/23 18:32:46	6103 1993 HV	14.5	18.81	4.91	38	0.7	36°16'58" 50°23'09"	360	1.9 1.9	UCAC2 34839601	13.91	9 <sup>h</sup> 06 <sup>m</sup> 01.765 <sup>s</sup> 8°45'39.442"	26.3	251	74.1	-9.2	52.4	31.2	79.8	298
2010/05/23 19:44:43	3003 Koncek	28.3	17.20	4.13	149	0.7	35°29'57" 48°48'54"	202	3.8 4.6	UCAC2 40329765	13.09	6 <sup>h</sup> 33 <sup>m</sup> 02.147 <sup>s</sup> 24°01'22.779"	3.4	304	35.1	-15.7	92.3	27.0	80.3	245
2010/05/23 22:49:21	39969 1998 GT8	10.0	16.33	3.54	83	1.0	36°21'35" 49°18'06"	176	2.6 3.3	UCAC2 17385384	12.83	19 <sup>h</sup> 27 <sup>m</sup> 10.358 <sup>s</sup> -34°11'59.896"	1.3	154	133.0	-17.4	95.3	4.5	81.5	120
2010/05/23 22:53:12	3975 Verdi	11.5	16.78	3.73	13	1.1	36°21'35" 50°09'10"	24	3.2 3.2	UCAC2 26898608	13.09	14 <sup>h</sup> 28 <sup>m</sup> 58.225 <sup>s</sup> -13°56'53.027"	15.5	224	156.9	-17.2	28.4	3.9	81.5	144
2010/05/24 20:18:54	2154 Underhill	21.5	16.84	3.30	173	1.9	35°58'24" 48°30'31"	187	3.0 4.6	UCAC2 17324158	13.59	17 <sup>h</sup> 13 <sup>m</sup> 12.488 <sup>s</sup> -34°23'34.327"	0.2	152	159.8	-17.5	55.8	23.0	88.6	188
2010/05/25 01:23:45	4466 Abai	12.0	16.46	3.54	7	1.1	36°12'05" 50°04'26"	296	3.1 3.1	UCAC2 24144655	12.97	17 <sup>h</sup> 00 <sup>m</sup> 33.641 <sup>s</sup> -19°36'19.346"	10.1	222	167.2	-2.6	49.6	-15.6	90.1	154
2010/05/25 01:25:16	29924 1999 JN28	7.2	18.01	6.62	10	0.6	36°18'60" 49°57'37"	167	1.5 1.5	TYC 623300573	11.40	17 <sup>h</sup> 14 <sup>m</sup> 07.526 <sup>s</sup> -16°25'48.871"	14.2	221	163.4	-2.4	53.1	-15.9	90.1	193
2010/05/25 01:42:09	1591 Baize	21.5	14.79	3.08	16	1.8	36°12'02" 50°10'33"	337	9.8 9.9	TYC 147400836	11.77	14 <sup>h</sup> 08 <sup>m</sup> 18.617 <sup>s</sup> 21°47'34.079"	15.1	286	128.4	-0.2	38.0	-18.5	90.2	86
2010/05/25 21:30:28	1396 Outeniqua	10.9	14.22	1.63	154	5.1	38°10'58" 50°43'15"	61	0.4 6.6	UCAC2 18524037	12.87	18 <sup>h</sup> 39 <sup>m</sup> 54.690 <sup>s</sup> -31°53'17.926"	1.6	149	144.9	-19.1	59.5	17.2	94.9	66
2010/05/26 17:27:41	220 Stephania	31.1	16.16	2.67	13	3.9	36°11'27" 50°09'04"	329	8.1 8.2	UCAC2 30701043	13.58	11 <sup>h</sup> 04 <sup>m</sup> 01.443 <sup>s</sup> -3°00'39.756"	35.3	200	102.9	-0.9	61.3	8.6	98.1	151
2010/05/27 00:13:00	1518 Rovaniemi	11.5	15.57	2.61	216	1.0	33°46'16" 51°08'59"	304	0.5 4.5	UCAC2 20878396	13.06	15 <sup>h</sup> 51 <sup>m</sup> 33.781 <sup>s</sup> -26°45'37.978"	3.1	220	172.4	-10.4	8.2	3.5	98.8	101
2010/05/27 00:33:43	7641 TT6	45.7	17.12	3.74	232	1.2	33°26'07" 51°05'08"	300	3.6 4.1	UCAC2 41141667	13.41	2 <sup>h</sup> 46 <sup>m</sup> 11.826 <sup>s</sup> 26°56'27.396"	7.4	56	20.9	-8.3	170.7	1.0	98.9	440
2010/05/27 23:26:30	43750 1981 QG3	5.5	16.80	6.15	10	1.1	36°24'56" 50°00'21"	117	1.9 1.9	TYC 50201390	10.65	20 <sup>h</sup> 01 <sup>m</sup> 13.591 <sup>s</sup> 3°45'34.601"	38.6	145	119.9	-14.3	61.4	11.4	99.9	116
2010/05/28 00:05:50	6249 Jennifer	11.0	15.06	2.35	143	0.8	34°21'42" 49°42'18"	255	1.5 4.6	UCAC2 35242870	12.85	18 <sup>h</sup> 04 <sup>m</sup> 21.494 <sup>s</sup> 9°42'05.505"	48.6	198	139.4	-11.0	42.9	8.2	99.9	94
2010/05/28 19:21:07	4695 1985 RU3	12.6	16.70	3.32	151	1.1	35°35'16" 48°46'11"	199	2.0 3.4	UCAC2 30047061	13.43	17 <sup>h</sup> 49 <sup>m</sup> 50.697 <sup>s</sup> -5°11'04.467"	17.6	122	153.1	-13.0	22.6	5.9	99.2	146
2010/05/29 21:32:22	4327 Ries	14.7	15.78	3.15	154	1.5	38°04'21" 50°50'15"	55	2.2 4.8	UCAC2 16680220	12.69	18 <sup>h</sup> 02 <sup>m</sup> 10.714 <sup>s</sup> -35°35'18.449"	1.9	161	154.8	-18.5	11.3	12.5	96.0	122

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	Phase (%)	$\sigma_{km}$		
2010/05/29 22:38:07	15444 1998 WT23	11.5	16.81	3.60	172	0.8	37°09'25" 48°36'32"	159	1.6 2.7	UCAC2 24131523	13.25	15 <sup>h</sup> 48 <sup>m</sup> 41.847 <sup>s</sup> −19°53'41.490"	16.5	205	171.1	−17.0	32.6	15.4	95.8	167
2010/05/30 00:13:45	52754 1998 KN62	5.5	19.47	7.58	239	0.6	32°56'47" 50°04'04"	271	0.6 1.0	TYC 743001912	11.89	19 <sup>h</sup> 46 <sup>m</sup> 02.310 <sup>s</sup> −33°31'27.644"	6.1	172	134.7	−9.9	22.5	14.8	95.5	226
2010/05/30 01:07:16	3872 Akirafuji	15.2	16.83	3.47	103	1.6	37°19'43" 49°24'49"	133	2.9 3.4	UCAC2 23952411	13.41	18 <sup>h</sup> 27 <sup>m</sup> 41.547 <sup>s</sup> −20°14'44.686"	16.8	203	151.8	−4.0	5.0	12.1	95.4	176
2010/05/30 19:01:24	51216 2000 JU22	7.9	16.48	6.67	241	0.8	33°39'32" 48°43'25"	232	0.7 1.9	TYC 678800929	9.82	16 <sup>h</sup> 05 <sup>m</sup> 26.269 <sup>s</sup> −27°23'23.363"	7.8	152	172.1	−11.0	38.3	−7.5	91.8	170
2010/05/31 18:47:27	28432 1999 XY168	7.2	17.23	6.09	35	0.6	36°42'23" 49°52'58"	121	1.8 1.9	UCAC2 19673359	11.15	15 <sup>h</sup> 41 <sup>m</sup> 00.029 <sup>s</sup> −29°13'08.075"	7.0	156	166.0	−9.5	55.6	−14.6	85.7	153
2010/05/31 21:03:10	24241 1999 XK100	6.3	18.76	10.34	253	1.2	36°35'41" 47°47'13"	175	0.2 2.3	HIP 65751	8.42	13 <sup>h</sup> 28 <sup>m</sup> 42.286 <sup>s</sup> −4°27'56.111"	26.0	224	131.9	−17.9	93.6	4.5	85.0	109