

## 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 1.1.2  
Author: Plekhanov Andrey andyp@newtech.ru  
Events number: 227

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 1		LinOccult 1.1.2			
		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	Az	Dist	Alt	Phase (%)	$\sigma_{km}$		
2006/12/01 13:48:14	13069 RX1	5.0	15.82	3.55	211	1.3	38°45'16" 49°01'32"	123	0.1 2.3	TYC 292601686	12.32	6 <sup>h</sup> 12 <sup>m</sup> 52.476 <sup>s</sup> 38°48'10.201"	-2.4	152.1	31	70.0	23.7	84.5	86		
2006/12/01 15:49:31	5909 Nagoya	5.8	15.88	4.01	14	0.9	36°18'26" 49°55'36"	174	3.3 3.4	UCAC2 43598357	11.89	6 <sup>h</sup> 14 <sup>m</sup> 57.355 <sup>s</sup> 33°55'36.411"	-20.6	153.9	54	69.1	41.2	85.2	68		
2006/12/01 15:49:40	31111 PN5	6.9	16.41	4.53	26	1.0	35°56'12" 49°58'32"	252	2.3 2.3	UCAC2 42874615	11.90	1 <sup>h</sup> 57 <sup>m</sup> 33.019 <sup>s</sup> 31°33'58.586"	-20.6	144.7	101	21.1	41.2	85.3	119		
2006/12/01 18:59:13	63138 WQ191	5.2	18.38	6.73	154	0.6	36°45'50" 48°41'46"	167	0.5 0.6	TYC 133600443	11.65	6 <sup>h</sup> 25 <sup>m</sup> 25.256 <sup>s</sup> 20°06'29.125"	-50.2	153.2	96	70.3	52.2	86.3	357		
2006/12/01 19:02:35	10888 Yamatano- orochi	10.0	18.59	4.64	56	0.7	37°04'11" 50°01'51"	92	2.2 2.3	UCAC2 23039332	13.96	23 <sup>h</sup> 48 <sup>m</sup> 10.349 <sup>s</sup> -22°20'25.400"	-50.6	98.2	213	43.3	52.0	86.4	173		
2006/12/01 20:22:46	3682 Welther	19.3	14.43	2.84	223	1.9	38°35'54" 48°43'50"	132	0.3 9.0	UCAC2 39281187	11.67	6 <sup>h</sup> 00 <sup>m</sup> 55.727 <sup>s</sup> 21°07'05.608"	-59.5	159.1	120	63.6	46.3	86.8	86		
2006/12/01 22:19:52	1794 Finsen	37.3	15.96	2.83	256	2.5	35°07'41" 52°13'58"	341	0.7 14.3	UCAC2 36235595	13.21	4 <sup>h</sup> 15 <sup>m</sup> 06.911 <sup>s</sup> 12°36'26.266"	-59.9	170.0	208	37.8	31.4	87.5	104		
2006/12/02 02:07:25	2494 Inge	55.6	16.47	3.03	4	4.0	36°13'53" 50°03'04"	276	8.0 8.0	UCAC2 32703299	13.51	10 <sup>h</sup> 19 <sup>m</sup> 25.824 <sup>s</sup> 2°52'02.043"	-28.7	94.0	159	125.4	-2.3	88.7	275		
2006/12/02 14:29:29	4236 Lidov	32.7	17.94	5.23	90	0.8	37°32'27" 50°03'04"	90	7.4 9.0	UCAC2 20974182	12.72	19 <sup>h</sup> 28 <sup>m</sup> 44.109 <sup>s</sup> -26°32'00.318"	-8.4	39.9	209	108.2	26.6	92.2	145		
2006/12/03 03:00:24	29392 MN1	5.2	18.60	8.52	45	0.5	36°49'28" 50°15'20"	59	1.4 1.4	TYC 189601826	10.08	7 <sup>h</sup> 13 <sup>m</sup> 12.427 <sup>s</sup> 23°09'56.639"	-20.4	143.9	249	61.4	2.5	95.1	146		
2006/12/03 23:26:14	30432 LM20	10.0	16.48	2.62	93	1.1	36°57'32" 49°19'50"	149	2.6 3.8	UCAC2 37339267	13.96	6 <sup>h</sup> 49 <sup>m</sup> 17.663 <sup>s</sup> 15°50'52.859"	-53.4	148.9	177	45.6	46.0	98.4	106		
2006/12/04 03:40:17	2169 Taiwan	16.8	15.53	2.62	175	1.5	35°04'18" 48°41'16"	210	0.4 9.7	UCAC2 39977630	13.02	5 <sup>h</sup> 17 <sup>m</sup> 13.634 <sup>s</sup> 23°17'37.168"	-14.3	171.6	282	20.3	8.5	98.9	69		
2006/12/04 14:04:27	1074 Bel- jawska	47.8	16.33	3.45	121	1.2	35°13'17" 50°54'00"	321	9.0 19.6	UCAC2 23018201	12.92	19 <sup>h</sup> 36 <sup>m</sup> 15.043 <sup>s</sup> -22°16'07.048"	-4.9	40.0	205	134.2	11.9	99.6	96		
2006/12/04 18:15:00	35688 CD10	10.0	16.48	3.72	227	0.8	36°34'10" 48°01'03"	175	0.6 3.2	UCAC2 35147524	12.80	4 <sup>h</sup> 26 <sup>m</sup> 28.657 <sup>s</sup> 9°50'10.613"	-43.9	166.9	123	16.7	49.8	99.7	126		
2006/12/04 18:30:04	5106 Mortensen	13.8	15.68	3.52	147	1.1	35°55'29" 51°20'54"	350	1.7 6.0	UCAC2 38383900	12.20	4 <sup>h</sup> 38 <sup>m</sup> 31.282 <sup>s</sup> 18°39'28.934"	-46.2	176.2	117	8.4	52.0	99.7	91		
2006/12/04 21:50:01	1817 Katanga	15.9	16.04	2.34	120	1.0	35°35'20" 49°04'18"	205	0.5 13.5	UCAC2 31802423	13.83	3 <sup>h</sup> 46 <sup>m</sup> 34.279 <sup>s</sup> 0°18'09.312"	-62.0	153.9	206	29.1	66.2	99.8	47		
2006/12/04 22:59:50	7472 Ku- makiri	13.8	16.17	4.49	156	1.2	36°58'55" 51°22'24"	19	2.0 4.6	UCAC2 40157699	11.69	6 <sup>h</sup> 10 <sup>m</sup> 26.069 <sup>s</sup> 23°51'11.730"	-56.7	160.2	185	21.1	60.1	99.8	119		
2006/12/05 02:52:28	519 Sylvania	48.2	13.23	1.52	30	4.0	35°54'52" 49°55'15"	242	38.7 71.3	UCAC2 43770533	12.02	6 <sup>h</sup> 13 <sup>m</sup> 52.818 <sup>s</sup> 34°25'34.152"	-22.0	157.1	274	19.6	26.1	99.8	23		
2006/12/05 04:26:30	15048 XQ63	5.8	17.87	6.48	252	1.0	33°53'25" 48°24'50"	223	0.0 2.6	TYC 141300066	11.39	9 <sup>h</sup> 40 <sup>m</sup> 39.591 <sup>s</sup> 19°48'33.069"	-7.6	111.8	231	65.6	12.6	99.8	90		
2006/12/05 15:02:49	136067 XK88	5.5	16.32	4.79	231	1.5	39°31'21" 50°05'39"	89	0.3 1.9	TYC 430101813	11.55	1 <sup>h</sup> 19 <sup>m</sup> 24.115 <sup>s</sup> 70°21'59.004"	-13.5	123.3	29	53.7	13.0	99.3	115		

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2006/12/05 16:56:25	1125 China	19.1	17.78	4.95	82	0.7	35°43'23" 50°41'08"	330	5.4	UCAC2 24491814	12.84	21 <sup>h</sup> 02 <sup>m</sup> 31.077 <sup>s</sup> −19°01'09.349"	8.6	226	59.2	-31.5	129.8	29.6	99.2	105
2006/12/05 17:10:29	6866 Kukui	13.8	16.76	4.72	100	1.2	36°47'48" 49°12'35"	159	3.3	UCAC2 38049525	12.05	6 <sup>h</sup> 42 <sup>m</sup> 49.443 <sup>s</sup> 17°49'50.072"	12.0	77	152.6	-33.8	20.5	31.7	99.2	100
2006/12/05 18:42:10	1431 Luanda	16.6	16.04	3.00	222	2.4	36°44'35" 48°04'44"	172	0.5	UCAC2 37353795	13.11	7 <sup>h</sup> 51 <sup>m</sup> 35.070 <sup>s</sup> 15°39'51.714"	14.1	82	136.3	-48.0	35.1	45.9	99.1	96
2006/12/05 19:51:30	135114 2001 QM113	6.0	18.81	6.44	107	0.7	36°29'58" 49°06'02"	172	1.4	TYC 59201542	12.37	23 <sup>h</sup> 49 <sup>m</sup> 37.117 <sup>s</sup> 5°51'00.618"	28.7	242	106.4	-57.0	83.5	56.1	99.0	98
2006/12/05 20:18:11	63887 2001 SH3	6.6	19.63	8.21	188	0.5	36°50'50" 48°23'46"	168	0.7	TYC 525000848	11.42	23 <sup>h</sup> 21 <sup>m</sup> 05.168 <sup>s</sup> −6°50'24.701"	10.3	246	94.9	-59.6	96.0	59.6	98.9	122
2006/12/05 22:04:41	8431 Haseda	10.5	16.26	2.87	10	1.0	36°12'17" 50°07'10"	324	4.9	UCAC2 39813143	13.47	5 <sup>h</sup> 57 <sup>m</sup> 56.935 <sup>s</sup> 22°42'38.008"	62.3	165	164.0	-61.5	7.0	68.4	98.8	84
2006/12/05 22:08:15	13918 1984 QB	10.0	16.87	3.58	83	0.7	36°21'45" 49°17'57"	176	2.7	UCAC2 43933847	13.33	5 <sup>h</sup> 32 <sup>m</sup> 06.937 <sup>s</sup> 34°56'15.706"	75.2	180	164.2	-61.3	6.8	68.4	98.8	111
2006/12/06 00:43:56	7346 Boulanger	9.1	16.45	4.94	62	0.8	36°26'32" 50°35'49"	10	3.4	TYC 129000280	11.52	5 <sup>h</sup> 07 <sup>m</sup> 14.283 <sup>s</sup> 19°29'30.918"	43.2	246	174.9	-42.6	12.5	55.6	98.5	79
2006/12/06 01:13:27	2504 Gaviola	12.6	16.06	4.52	53	1.3	35°54'16" 49°38'21"	211	4.9	TYC 189001250	11.55	6 <sup>h</sup> 21 <sup>m</sup> 16.013 <sup>s</sup> 29°26'06.239"	57.3	244	158.2	-38.0	7.5	51.4	98.4	83
2006/12/06 03:48:25	6324 1991 DN1	9.1	15.91	4.30	201	1.0	37°53'31" 51°32'21"	35	0.2	UCAC2 40315548	11.63	5 <sup>h</sup> 47 <sup>m</sup> 20.158 <sup>s</sup> 24°05'45.226"	23.7	280	166.7	-13.4	4.5	27.7	98.1	83
2006/12/06 04:16:27	1980 Tez-catlipoca	13.0	13.26	0.62	99	1.1	35°54'41" 50°54'10"	344	0.0	UCAC2 34054306	13.54	5 <sup>h</sup> 27 <sup>m</sup> 16.449 <sup>s</sup> 6°32'06.277"	2.8	277	161.7	-9.2	22.8	23.5	98.1	28
2006/12/06 05:02:03	27210 1999 CZ105	5.2	18.09	6.95	182	0.5	37°49'06" 51°22'05"	37	0.7	TYC 190100302	11.14	6 <sup>h</sup> 47 <sup>m</sup> 25.269 <sup>s</sup> 26°26'17.868"	23.2	284	153.0	-2.8	11.3	16.9	98.0	158
2006/12/06 14:42:25	368 Haidea	69.6	15.20	1.78	164	1.5	37°17'10" 48°43'40"	154	0.1	UCAC2 25879518	13.65	19 <sup>h</sup> 17 <sup>m</sup> 07.609 <sup>s</sup> −16°26'54.809"	13.7	222	34.7	-10.4	162.7	2.8	96.6	40
2006/12/06 15:24:54	2019 van Al-bada	17.3	15.00	1.62	196	1.3	34°31'03" 51°24'20"	320	0.2	UCAC2 39619810	13.65	4 <sup>h</sup> 52 <sup>m</sup> 40.123 <sup>s</sup> 22°17'53.787"	16.7	75	179.7	-16.9	21.4	7.9	96.5	68
2006/12/06 22:29:27	36187 1999 TB37	7.6	18.91	7.30	32	0.6	36°12'53" 49°45'34"	189	2.2	TYC 134900731	11.61	7 <sup>h</sup> 06 <sup>m</sup> 07.771 <sup>s</sup> 18°00'12.752"	55.3	150	148.5	-59.9	11.3	66.4	95.3	133
2006/12/07 01:19:48	8571 Taniguchi	8.3	16.88	5.44	218	0.9	35°31'48" 48°09'09"	194	0.3	UCAC2 39995708	11.44	6 <sup>h</sup> 33 <sup>m</sup> 41.918 <sup>s</sup> 23°01'32.025"	52.6	236	156.9	-37.2	5.8	58.4	94.7	99
2006/12/07 02:56:23	1681 Stein-metz	22.0	15.54	4.74	102	2.1	36°16'58" 50°57'34"	360	4.8	TYC 141200855	10.81	10 <sup>h</sup> 05 <sup>m</sup> 26.866 <sup>s</sup> 16°21'49.670"	56.3	188	107.1	-21.7	45.7	44.4	94.4	76
2006/12/07 13:59:59	7641 1986 TT6	45.7	17.47	4.19	17	1.2	36°29'39" 49°57'58"	121	5.5	UCAC2 32752893	13.30	19 <sup>h</sup> 05 <sup>m</sup> 33.116 <sup>s</sup> 2°48'27.840"	33.9	225	40.6	-4.4	150.3	-8.3	92.0	328
2006/12/07 15:44:33	975 Persever-antia	26.5	14.53	1.21	173	3.0	35°06'20" 51°24'45"	331	0.0	UCAC2 40840094	13.75	6 <sup>h</sup> 55 <sup>m</sup> 46.114 <sup>s</sup> 25°57'05.573"	5.1	55	152.6	-20.0	6.4	1.8	91.6	22
2006/12/07 16:11:40	578 Happelia	69.3	14.24	1.36	134	5.9	37°25'35" 49°05'32"	143	0.1	UCAC2 42398036	13.25	7 <sup>h</sup> 09 <sup>m</sup> 08.371 <sup>s</sup> 30°19'49.289"	10.4	55	149.4	-24.3	5.4	5.0	91.5	31

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 3		LinOccult 1.1.2				
		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 (%)	$\sigma_{km}$
2006/12/07 16:44:25	21128 Cha-puis	13.2	18.43	7.74	107	1.0	35°11'47'' 50°42'58''	314	2.1 2.4	TYC 178900972	10.69	2 <sup>h</sup> 47 <sup>m</sup> 48.063 <sup>s</sup> 26°27'26.258''	52.6	115	150.6	-29.6	61.6	9.2	91.3	219
2006/12/07 18:31:36	26643 2000 JT59	8.3	16.92	5.93	143	0.6	37°32'01'' 49°02'47''	141	1.4 2.8	UCAC2 39456714	10.99	6 <sup>h</sup> 10 <sup>m</sup> 20.497 <sup>s</sup> 21°58'46.197''	34.6	96	163.0	-46.5	18.9	24.5	90.9	120
2006/12/07 19:54:59	6882 Sormano	10.5	16.67	6.55	47	1.2	35°46'28'' 50°18'36''	309	3.6 4.0	TYC 176301215	10.12	1 <sup>h</sup> 53 <sup>m</sup> 51.138 <sup>s</sup> 29°59'48.694''	63.7	229	138.6	-57.5	73.5	37.3	90.5	104
2006/12/07 20:38:38	8431 Haseda	10.5	16.21	3.85	15	1.0	36°14'29'' 50°10'35''	347	4.9 5.0	UCAC2 39812722	12.39	5 <sup>h</sup> 56 <sup>m</sup> 12.571 <sup>s</sup> 22°41'12.898''	55.8	133	166.4	-61.2	23.0	43.9	90.3	84
2006/12/07 22:39:49	5276 Gulkis	8.7	17.09	4.68	212	0.7	36°32'15'' 48°08'48''	175	0.4 3.4	TYC 7600105	12.43	4 <sup>h</sup> 02 <sup>m</sup> 02.393 <sup>s</sup> 2°49'41.685''	35.6	221	156.1	-59.2	57.4	60.3	89.8	101
2006/12/08 00:02:50	54847 2001 OM5	6.3	16.75	5.07	95	0.6	36°45'09'' 49°15'13''	159	1.4 1.8	UCAC2 32317503	11.69	5 <sup>h</sup> 19 <sup>m</sup> 01.962 <sup>s</sup> 1°49'10.698''	34.0	222	158.5	-49.1	42.3	65.6	89.4	141
2006/12/08 02:48:44	0 2000 SP314	5.6	18.39	6.52	194	0.7	38°45'37'' 50°47'04''	65	0.6 0.8	UCAC2 48008059	11.87	0 <sup>h</sup> 14 <sup>m</sup> 53.870 <sup>s</sup> 49°34'35.356''	12.5	342	119.3	-23.0	85.1	52.1	88.6	273
2006/12/08 03:08:02	17859 Gali-naryabova	11.0	17.37	3.98	216	0.9	38°49'05'' 51°08'34''	56	0.7 3.7	UCAC2 42396653	13.41	7 <sup>h</sup> 00 <sup>m</sup> 42.912 <sup>s</sup> 30°03'17.245''	44.8	265	151.7	-20.0	12.4	49.3	88.6	117
2006/12/08 03:38:19	10113 1992 PX2	7.9	17.39	6.37	146	0.6	37°14'06'' 51°12'50''	28	1.0 3.4	TYC 188900364	11.02	6 <sup>h</sup> 12 <sup>m</sup> 29.335 <sup>s</sup> 29°03'14.952''	31.5	279	162.2	-15.3	22.7	44.8	88.4	92
2006/12/08 04:53:38	19248 1994 PT	6.6	18.44	6.54	240	0.6	38°10'09'' 51°51'05''	34	0.4 1.9	UCAC2 38960601	11.90	7 <sup>h</sup> 13 <sup>m</sup> 35.938 <sup>s</sup> 20°08'57.540''	22.9	275	148.6	-4.2	10.9	33.1	88.1	137
2006/12/08 13:30:24	310 Margarita	32.8	16.08	2.70	238	0.8	34°17'32'' 51°46'55''	324	0.5 14.4	UCAC2 24729325	13.47	19 <sup>h</sup> 47 <sup>m</sup> 54.586 <sup>s</sup> -18°34'39.680''	19.5	199	39.3	-0.4	171.8	-15.6	85.6	90
2006/12/08 13:49:25	2176 Donar	11.5	16.48	2.75	165	0.8	38°32'17'' 49°43'20''	103	1.2 4.6	UCAC2 39623214	13.82	5 <sup>h</sup> 12 <sup>m</sup> 07.648 <sup>s</sup> 22°02'23.297''	0.8	56	177.2	-2.9	42.2	-15.0	85.5	100
2006/12/08 15:16:49	1702 Kalahari	32.7	16.28	2.50	241	0.9	38°51'05'' 48°40'16''	130	1.1 11.8	UCAC2 22594123	13.90	20 <sup>h</sup> 59 <sup>m</sup> 12.723 <sup>s</sup> -23°25'09.127''	12.6	206	54.5	-15.7	170.9	-9.4	85.1	110
2006/12/08 17:10:37	62470 2000 SH216	5.5	17.60	9.09	56	0.5	36°35'05'' 49°35'15''	157	1.7 1.9	HIP 17465	8.51	3 <sup>h</sup> 44 <sup>m</sup> 34.187 <sup>s</sup> 32°09'46.047''	52.6	101	160.6	-33.8	61.4	3.1	84.5	114
2006/12/08 19:10:35	3073 Kursk	6.6	15.52	4.81	39	1.1	36°34'45'' 49°44'54''	148	3.6 4.6	UCAC2 36408549	10.72	3 <sup>h</sup> 52 <sup>m</sup> 21.353 <sup>s</sup> 13°10'55.882''	50.9	154	161.1	-52.1	65.8	20.0	83.9	57
2006/12/09 03:45:50	41448 2000 LJ12	6.9	17.85	6.07	95	0.6	37°05'59'' 49°22'17''	142	1.6 2.1	UCAC2 32027810	11.78	8 <sup>h</sup> 24 <sup>m</sup> 20.332 <sup>s</sup> 0°43'40.396''	28.0	232	126.3	-14.3	21.4	48.4	81.1	130
2006/12/09 05:24:39	1537 Transyl-vania	13.8	18.65	7.52	202	0.6	34°25'15'' 48°41'56''	222	0.5 6.2	UCAC2 29839656	11.13	12 <sup>h</sup> 24 <sup>m</sup> 12.327 <sup>s</sup> -5°54'41.591''	33.6	191	69.0	-0.2	59.0	33.5	80.6	88
2006/12/09 14:32:42	7984 1980 SM	6.0	16.75	4.61	56	0.7	37°00'57'' 49°51'33''	112	1.6 1.7	TYC 237000715	12.16	4 <sup>h</sup> 08 <sup>m</sup> 38.882 <sup>s</sup> 36°48'54.885''	27.6	65	161.4	-9.1	66.9	-19.3	77.5	138
2006/12/09 15:42:52	475 Ocello	31.0	15.51	2.27	167	2.3	34°24'56'' 50°57'50''	307	1.9 15.0	UCAC2 47630433	13.38	6 <sup>h</sup> 03 <sup>m</sup> 55.578 <sup>s</sup> 47°22'55.368''	28.8	49	152.7	-19.8	47.2	-15.2	77.1	82
2006/12/09 19:23:14	2962 Otto	18.2	15.60	2.54	181	2.3	35°46'44'' 48°27'28''	192	1.4 7.3	UCAC2 43960066	13.17	9 <sup>h</sup> 23 <sup>m</sup> 00.598 <sup>s</sup> 34°53'21.464''	22.9	63	123.3	-53.8	16.4	11.3	75.8	100

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 4		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$	
2006/12/09 19:53:33	10217 Richardcook	10.5	15.74	3.80	177	1.0	35°27'26'' 51°33'11''	341	0.9	UCAC2 47172932	11.97	5 <sup>h</sup> 27 <sup>m</sup> 49.637 <sup>s</sup> 45°27'39.454''	70.2	92	156.9	-57.4	54.8	15.9	75.6	103	
2006/12/09 21:15:02	5559 1990 MV	10.0	16.80	4.46	102	0.7	36°06'16'' 49°08'26''	187	2.2	UCAC2 39454728	12.36	6 <sup>h</sup> 03 <sup>m</sup> 56.810 <sup>s</sup> 21°38'50.264''	58.7	148	166.5	-62.9	46.8	28.4	75.1	77	
2006/12/09 21:37:19	15799 1993 XN	8.7	16.93	4.95	142	1.1	37°41'01'' 49°09'03''	135	1.3	UCAC2 37885562	11.99	7 <sup>h</sup> 40 <sup>m</sup> 59.825 <sup>s</sup> 17°20'18.971''	46.5	125	143.3	-62.9	24.5	31.8	75.0	99	
2006/12/10 04:46:20	505 Cava	62.8	14.92	2.71	147	1.5	34°39'05'' 49°15'05''	233	3.2	UCAC2 26691120	12.31	15 <sup>h</sup> 40 <sup>m</sup> 39.757 <sup>s</sup> -14°20'32.527''	12.9	132	22.2	-5.5	94.6	42.7	72.4	64	
2006/12/10 14:39:13	4875 Ingalls	8.3	16.39	4.43	73	0.6	37°17'01'' 49°55'04''	101	2.8	UCAC2 37846393	11.98	5 <sup>h</sup> 23 <sup>m</sup> 56.140 <sup>s</sup> 17°19'41.853''	3.5	67	173.5	-10.0	65.4	-25.3	68.8	76	
2006/12/10 17:03:20	55956 1998 HO100	11.0	17.34	9.02	247	0.8	35°08'22'' 52°08'53''	341	0.3	HIP 17729	8.32	3 <sup>h</sup> 47 <sup>m</sup> 46.845 <sup>s</sup> 25°23'08.174''	47.4	108	161.2	-32.6	87.1	-16.6	67.9	112	
2006/12/10 18:35:46	5785 Fulton	14.5	15.08	4.18	198	1.3	38°05'21'' 48°42'27''	139	1.0	TYC 289802380	10.92	4 <sup>h</sup> 57 <sup>m</sup> 13.640 <sup>s</sup> 39°47'13.181''	60.5	95	162.8	-47.1	71.2	-5.7	67.3	107	
2006/12/10 19:23:13	2662 Kandinsky	10.5	16.77	3.85	57	1.7	35°55'60'' 50°30'38''	334	4.2	UCAC2 40638630	12.96	3 <sup>h</sup> 46 <sup>m</sup> 32.167 <sup>s</sup> 25°29'55.941''	64.5	159	160.8	-53.8	88.5	0.9	66.9	75	
2006/12/10 22:14:40	50192 2000 AT193	5.8	15.52	4.13	249	0.6	37°58'02'' 48°06'02''	151	0.1	TYC 129300056	11.41	4 <sup>h</sup> 59 <sup>m</sup> 53.980 <sup>s</sup> 21°20'47.942''	59.3	207	177.1	-61.5	74.3	26.9	65.8	95	
2006/12/10 23:51:11	1731 Smuts	54.1	14.51	1.62	259	4.3	36°55'02'' 52°20'30''	10	0.0	UCAC2 37323868	13.17	6 <sup>h</sup> 00 <sup>m</sup> 40.079 <sup>s</sup> 15°33'20.077''	50.8	217	166.1	-51.1	61.5	40.5	65.2	58	
2006/12/11 00:42:58	3197 Weissman	21.6	14.62	1.76	254	2.4	39°02'34'' 51°30'58''	50	0.6	UCAC2 36266474	13.10	6 <sup>h</sup> 41 <sup>m</sup> 34.343 <sup>s</sup> 12°33'36.113''	47.0	219	156.1	-43.5	52.4	46.3	64.9	111	
2006/12/11 00:49:07	45875 2000 WJ19	12.0	16.44	3.66	40	1.2	36°42'51'' 50°16'40''	50	3.6	UCAC2 39659187	12.82	7 <sup>h</sup> 27 <sup>m</sup> 03.557 <sup>s</sup> 22°09'39.104''	59.5	211	148.7	-42.6	41.5	46.9	64.9	128	
2006/12/11 03:22:34	2205 Glinka	14.5	17.86	3.99	202	1.0	38°46'08'' 50°56'54''	61	1.6	UCAC2 30197715	13.90	10 <sup>h</sup> 54 <sup>m</sup> 58.896 <sup>s</sup> -4°50'16.347''	35.2	184	91.9	-18.1	18.7	50.9	63.9	292	
2006/12/11 03:39:04	43354 2000 SZ278	13.2	16.88	5.02	13	0.9	36°27'41'' 50°03'30''	84	3.7	UCAC2 45972303	11.87	6 <sup>h</sup> 41 <sup>m</sup> 57.054 <sup>s</sup> 40°58'53.443''	41.8	288	153.8	-15.6	56.1	50.0	63.8	143	
2006/12/11 03:52:58	20411 1998 QJ69	6.6	19.22	8.95	161	0.5	34°07'27'' 49°39'40''	254	1.0	TYC 491100101	10.27	10 <sup>h</sup> 28 <sup>m</sup> 01.477 <sup>s</sup> -7°20'33.624''	30.8	200	97.0	-13.4	19.2	49.0	63.7	169	
2006/12/11 15:05:27	144 Vibilia	141.8	11.41	0.67	172	15.3	38°27'59'' 50°43'08''	64	0.2	TYC 189900797	11.58	7 <sup>h</sup> 05 <sup>m</sup> 10.512 <sup>s</sup> 25°02'35.780''	0.2	49	154.5	-14.0	53.9	-30.8	59.4	34	
2006/12/11 15:12:05	7472 Ku-makiri	13.8	15.99	2.30	73	1.1	36°05'28'' 50°41'34''	349	3.9	UCAC2 40320261	13.83	6 <sup>h</sup> 04 <sup>m</sup> 41.298 <sup>s</sup> 24°13'38.257''	8.4	62	168.2	-15.0	67.6	-30.8	59.3	117	
2006/12/11 15:14:49	6006 Anaximandros	11.5	16.61	3.09	185	1.1	33°57'12'' 50°46'53''	296	0.6	UCAC2 40501677	13.58	6 <sup>h</sup> 58 <sup>m</sup> 11.533 <sup>s</sup> 24°39'54.159''	1.9	52	156.1	-15.4	55.5	-30.8	59.3	88	
2006/12/11 15:48:34	1130 Skuld	12.6	14.95	2.43	72	1.1	35°54'47'' 50°38'43''	338	3.4	UCAC2 39107727	12.64	5 <sup>h</sup> 50 <sup>m</sup> 12.834 <sup>s</sup> 20°38'57.261''	13.3	74	171.2	-20.7	71.4	-30.0	59.1	47	
2006/12/11 17:17:58	1255 Schilowa	32.5	14.17	3.06	225	2.9	34°05'42'' 51°31'10''	316	0.3	TYC 126800335	11.17	4 <sup>h</sup> 20 <sup>m</sup> 54.307 <sup>s</sup> 18°25'23.451''	39.9	111	166.8	-35.0	93.3	-24.2	58.5	80	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 5		LinOccult 1.1.2				
		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 (%)	$\sigma_{km}$
2006/12/11 17:33:30	2140 Ke-merovo	29.5	16.69	2.98	76	0.9	35°15'40'' 50°13'41''	285	9.2 13.3	UCAC2 28294007	13.79	21 <sup>h</sup> 18 <sup>m</sup> 10.616 <sup>s</sup> −10°01'28.345''	10.4	240	59.5	−37.5	158.0	−22.7	58.4	88
2006/12/11 21:58:15	106719 WD175	5.0	18.73	7.96	80	0.7	35°34'25'' 49°29'28''	219	0.5 0.6	TYC 489100682	10.77	9 <sup>h</sup> 10 <sup>m</sup> 23.134 <sup>s</sup> −6°05'06.874''	18.6	125	115.6	−62.5	29.6	13.9	56.6	354
2006/12/11 22:16:53	50403 CB114	9.1	17.47	5.97	116	0.8	34°42'47'' 49°48'25''	257	1.9 3.5	TYC 300901668	11.50	10 <sup>h</sup> 43 <sup>m</sup> 40.715 <sup>s</sup> 39°59'22.024''	41.4	74	110.3	−61.5	32.6	16.8	56.5	105
2006/12/11 22:52:19	45562 CD56	6.0	17.71	5.68	43	0.5	36°13'20'' 50°26'05''	354	2.6 3.0	TYC 117801207	12.03	0 <sup>h</sup> 00 <sup>m</sup> 50.491 <sup>s</sup> 16°17'25.014''	6.4	288	106.6	−58.5	151.3	22.1	56.3	80
2006/12/12 14:46:37	29498 WK21	6.9	17.60	6.48	192	0.7	34°56'05'' 51°32'52''	330	0.5 2.6	TYC 66300649	11.12	3 <sup>h</sup> 34 <sup>m</sup> 29.807 <sup>s</sup> 13°49'08.055''	20.5	93	153.8	−11.1	115.6	−35.3	50.1	105
2006/12/12 16:39:18	32254 OR51	8.7	18.31	7.30	206	1.0	34°49'52'' 48°27'16''	210	0.7 2.8	TYC 118201335	11.01	0 <sup>h</sup> 17 <sup>m</sup> 09.958 <sup>s</sup> 18°57'11.904''	59.1	186	110.4	−28.7	154.6	−35.2	49.3	125
2006/12/12 20:41:28	48932 QB	5.8	17.10	5.36	221	0.5	37°08'24'' 48°08'39''	164	0.3 1.9	UCAC2 42562615	11.75	6 <sup>h</sup> 24 <sup>m</sup> 01.284 <sup>s</sup> 30°32'06.875''	61.6	122	163.7	−61.7	78.3	−8.2	47.7	119
2006/12/12 21:46:23	62107 RF97	6.6	17.83	5.52	111	0.6	35°25'57'' 50°52'52''	327	1.0 1.1	TYC 283201515	12.31	2 <sup>h</sup> 39 <sup>m</sup> 13.692 <sup>s</sup> 38°49'28.499''	56.9	268	142.6	−63.0	121.4	1.7	47.3	234
2006/12/12 22:12:52	1449 Virtanen	11.0	15.59	2.33	24	0.9	36°14'33'' 50°15'52''	353	7.2 8.0	UCAC2 38026844	13.39	5 <sup>h</sup> 23 <sup>m</sup> 44.557 <sup>s</sup> 17°44'31.318''	56.9	198	174.6	−61.9	92.7	5.8	47.1	55
2006/12/12 23:19:54	5952 Dave-monet	6.3	16.81	5.54	112	0.6	36°08'44'' 49°02'43''	185	0.9 3.8	TYC 188701415	11.28	6 <sup>h</sup> 29 <sup>m</sup> 09.122 <sup>s</sup> 27°25'11.641''	66.2	203	163.7	−55.5	78.2	15.9	46.7	66
2006/12/12 23:57:24	31645 GJ42	6.9	18.47	7.30	200	0.6	35°12'25'' 48°23'29''	203	0.3 2.8	UCAC2 39306945	11.17	7 <sup>h</sup> 40 <sup>m</sup> 29.949 <sup>s</sup> 21°16'59.548''	61.4	184	147.4	−50.5	61.7	21.3	46.5	97
2006/12/13 00:48:33	8364 RE5	12.0	17.60	3.67	101	1.9	36°59'00'' 50°50'02''	30	2.7 3.4	UCAC2 41137587	13.97	1 <sup>h</sup> 36 <sup>m</sup> 44.697 <sup>s</sup> 26°47'07.740''	10.9	299	129.7	−42.9	140.6	28.1	46.0	140
2006/12/13 02:57:48	16493 SB6	5.0	18.27	7.47	106	0.5	37°05'04'' 50°50'54''	33	1.0 1.3	TYC 135300869	10.80	7 <sup>h</sup> 09 <sup>m</sup> 08.908 <sup>s</sup> 20°11'58.824''	37.6	256	154.6	−22.3	70.3	39.6	45.2	149
2006/12/13 16:12:57	3731 Hancock	49.3	14.64	2.60	205	3.3	38°33'21'' 48°56'37''	127	4.7 14.4	UCAC2 39114240	12.15	6 <sup>h</sup> 15 <sup>m</sup> 02.692 <sup>s</sup> 20°33'46.624''	14.4	75	167.6	−24.5	89.4	−42.3	40.2	136
2006/12/13 19:00:53	15829 BA1	5.0	17.27	5.80	160	0.7	38°18'39'' 50°41'16''	64	0.5 2.1	TYC 471000411	11.48	3 <sup>h</sup> 07 <sup>m</sup> 22.869 <sup>s</sup> −3°44'26.388''	36.3	176	137.3	−50.7	136.1	−31.9	39.1	95
2006/12/13 21:28:23	3197 Weiss-man	21.6	14.55	3.74	41	2.3	35°58'21'' 49°44'19''	213	7.3 7.8	TYC 75401516	10.84	6 <sup>h</sup> 39 <sup>m</sup> 09.801 <sup>s</sup> 12°56'35.706''	50.0	151	159.4	−63.3	85.6	−11.4	38.2	110
2006/12/14 00:17:32	23782 QE12	10.5	17.03	3.26	62	0.9	36°13'11'' 50°36'14''	356	2.5 2.7	UCAC2 35518806	13.82	4 <sup>h</sup> 59 <sup>m</sup> 38.684 <sup>s</sup> 10°30'01.088''	34.2	242	166.1	−47.7	111.3	14.0	37.0	153
2006/12/14 01:40:10	1763 Williams	10.0	17.80	5.01	2	0.5	36°18'10'' 50°01'56''	145	3.1 3.1	UCAC2 31170557	12.80	11 <sup>h</sup> 51 <sup>m</sup> 31.403 <sup>s</sup> −1°37'00.684''	30.9	139	83.1	−34.9	9.0	24.6	36.5	130
2006/12/14 05:02:05	534 Nassovia	33.1	15.68	2.93	89	1.0	37°08'30'' 50°37'51''	43	8.7 17.9	UCAC2 28736818	12.83	13 <sup>h</sup> 55 <sup>m</sup> 16.082 <sup>s</sup> −8°51'46.856''	29.9	164	52.1	−3.8	21.1	34.7	35.3	73
2006/12/14 05:17:25	17245 GS42	5.5	18.87	7.68	245	0.8	37°49'02'' 52°01'19''	26	0.0 3.0	TYC 84500430	11.19	10 <sup>h</sup> 34 <sup>m</sup> 47.082 <sup>s</sup> 14°52'36.551''	42.6	237	107.1	−1.8	35.3	34.2	35.2	73

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 6		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2006/12/14 15:28:10	50333 2000 CZ57	7.6	17.37	5.89	91	0.6	37°29'01" 49°46'02"	110	1.1	UCAC2 46523846	11.48	4 <sup>h</sup> 16 <sup>m</sup> 41.602 <sup>s</sup> 42°54'46.353"	41.4	69	155.5	-17.4	122.6	-44.2	31.4	257
2006/12/14 15:51:51	19501 1998 KC50	12.0	17.12	4.10	244	0.8	34°40'23" 51°59'29"	332	0.4	UCAC2 39453158	13.05	5 <sup>h</sup> 57 <sup>m</sup> 25.309 <sup>s</sup> 21°35'02.425"	15.2	74	172.8	-21.1	105.1	-45.9	31.3	116
2006/12/14 16:01:08	1983 Bok	10.0	16.26	2.46	41	0.9	35°47'38" 50°13'52"	300	4.5	UCAC2 44820613	13.92	6 <sup>h</sup> 42 <sup>m</sup> 36.951 <sup>s</sup> 37°04'32.737"	21.4	57	158.6	-22.6	96.2	-46.4	31.3	78
2006/12/14 21:40:18	697 Galilea	80.1	13.78	1.18	199	6.6	36°35'54" 51°49'19"	6	0.0	UCAC2 46666982	13.05	4 <sup>h</sup> 55 <sup>m</sup> 30.968 <sup>s</sup> 43°29'34.397"	80.3	233	158.6	-63.3	118.6	-20.0	29.2	34
2006/12/14 22:39:46	8836 Aquifolium	8.3	17.64	6.32	197	0.7	36°34'32" 48°17'01"	174	0.5	UCAC2 34992639	11.32	6 <sup>h</sup> 38 <sup>m</sup> 29.858 <sup>s</sup> 9°02'57.544"	49.2	180	158.0	-60.0	97.3	-10.8	28.8	105
2006/12/15 01:00:50	28610 2000 EM158	11.0	17.09	4.21	39	0.7	36°26'55" 50°22'44"	17	3.1	UCAC2 45807881	12.90	6 <sup>h</sup> 16 <sup>m</sup> 54.268 <sup>s</sup> 40°05'11.648"	60.0	267	160.2	-41.2	105.8	10.0	28.0	136
2006/12/15 14:26:30	4160 Sabrina-John	8.3	16.42	4.97	228	0.7	34°47'51" 51°52'10"	332	0.1	UCAC2 37130199	11.47	5 <sup>h</sup> 17 <sup>m</sup> 33.932 <sup>s</sup> 15°16'46.209"	3.9	71	171.4	-8.1	125.1	-37.3	23.4	83
2006/12/15 15:52:50	761 Brendelia	22.6	14.93	1.67	123	1.7	35°22'24" 50°59'30"	328	3.4	UCAC2 40991282	13.52	6 <sup>h</sup> 01 <sup>m</sup> 00.093 <sup>s</sup> 26°20'55.163"	18.9	71	172.6	-21.2	116.3	-47.9	22.9	79
2006/12/15 16:04:48	3978 Klepesta	26.7	17.53	5.80	233	0.7	36°44'51" 47°58'28"	172	1.8	UCAC2 28107870	11.73	20 <sup>h</sup> 07 <sup>m</sup> 31.834 <sup>s</sup> -10°40'54.508"	10.2	240	39.2	-23.1	95.6	-49.0	22.8	136
2006/12/15 16:59:32	740 Cantabria	90.9	15.14	2.29	129	4.8	34°50'37" 50°45'00"	307	6.8	UCAC2 26587438	13.00	23 <sup>h</sup> 23 <sup>m</sup> 38.007 <sup>s</sup> -14°48'37.389"	21.8	206	82.4	-31.9	136.9	-52.7	22.5	56
2006/12/15 17:29:39	0 2005 OM7	5.9	18.83	7.92	124	0.7	37°25'16" 49°12'18"	139	0.8	TYC 124500403	10.91	3 <sup>h</sup> 26 <sup>m</sup> 22.621 <sup>s</sup> 21°00'53.541"	53.4	132	151.0	-36.7	152.8	-53.4	22.3	244
2006/12/15 19:36:39	6373 Stern	10.0	16.39	4.52	42	0.9	36°00'34" 50°22'37"	332	3.7	UCAC2 46683802	11.89	6 <sup>h</sup> 12 <sup>m</sup> 23.525 <sup>s</sup> 43°19'58.203"	63.2	90	158.2	-55.5	115.4	-46.6	21.7	98
2006/12/15 19:51:02	494 Virtus	85.5	13.45	1.82	189	6.2	36°49'19" 48°23'22"	168	0.0	UCAC2 42729305	11.85	5 <sup>h</sup> 54 <sup>m</sup> 19.929 <sup>s</sup> 31°09'54.202"	60.8	119	170.6	-57.2	119.8	-45.0	21.6	21
2006/12/15 22:18:02	17445 Avatcha	10.0	17.20	6.09	84	0.8	36°28'45" 49°17'57"	171	2.4	TYC 244600886	11.11	7 <sup>h</sup> 07 <sup>m</sup> 19.165 <sup>s</sup> 35°10'24.059"	73.1	146	156.2	-61.8	106.0	-24.6	20.8	139
2006/12/15 23:06:44	8082 Haynes	9.1	16.50	4.59	54	0.7	36°25'51" 49°34'09"	169	2.8	UCAC2 38407901	11.93	6 <sup>h</sup> 28 <sup>m</sup> 02.455 <sup>s</sup> 18°46'59.868"	57.9	199	166.4	-57.4	113.1	-17.1	20.5	115
2006/12/16 00:27:46	2848 ASP	25.2	17.54	4.77	134	1.3	35°32'32" 48°56'25"	203	3.2	UCAC2 31012303	12.79	12 <sup>h</sup> 17 <sup>m</sup> 04.803 <sup>s</sup> -2°01'25.390"	19.2	118	79.1	-46.4	26.3	-4.8	20.0	82
2006/12/16 02:46:27	48491 1992 HG5	8.3	18.37	6.75	168	0.5	38°09'51" 50°58'29"	52	1.2	UCAC2 46795477	11.62	4 <sup>h</sup> 56 <sup>m</sup> 20.312 <sup>s</sup> 43°32'41.918"	32.7	301	158.3	-24.4	132.2	13.3	19.3	193
2006/12/16 18:04:40	1297 Quadea	66.0	14.76	2.07	111	5.7	35°16'43" 50°48'33"	320	7.2	UCAC2 42714987	12.87	4 <sup>h</sup> 45 <sup>m</sup> 14.661 <sup>s</sup> 31°02'31.223"	55.7	109	166.3	-42.2	145.6	-58.3	14.7	55
2006/12/16 22:29:37	4514 Vilen	6.9	16.82	6.45	172	0.6	35°40'27" 48°33'24"	195	0.4	TYC 69400887	10.37	4 <sup>h</sup> 38 <sup>m</sup> 53.424 <sup>s</sup> 14°41'37.393"	47.5	224	163.8	-61.0	149.6	-33.2	13.5	83
2006/12/16 23:21:20	57219 2001 QY71	5.0	17.50	7.26	66	0.5	35°57'28" 49°29'50"	201	0.9	TYC 336300675	10.24	5 <sup>h</sup> 29 <sup>m</sup> 28.959 <sup>s</sup> 48°06'55.183"	70.6	276	155.1	-55.7	134.5	-25.2	13.2	215

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		LinOccult 1.1.2				
		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 (%)	$\sigma_{km}$	
2006/12/17 00:14:48	14858 UW3	6.9	17.37	6.04	220	0.6	35°24'16'' 51°56'47''	343	0.7	UCAC2 34634317	11.33	7 <sup>h</sup> 22 <sup>m</sup> 23.447 <sup>s</sup> 8°07'08.142''	46.5	202	150.6	-48.5	110.1	-17.0	13.0	163	
2006/12/17 01:13:24	37001 TL29	8.7	17.25	7.40	39	0.6	36°30'59'' 49°43'41''	155	1.7	TYC 17402264	9.85	7 <sup>h</sup> 02 <sup>m</sup> 45.254 <sup>s</sup> 5°39'59.886''	37.2	225	152.9	-39.5	114.4	-8.4	12.7	198	
2006/12/17 17:22:33	4254 Kamel	15.1	16.11	3.12	64	1.0	36°03'56'' 50°36'27''	346	5.6	UCAC2 31434378	13.05	0 <sup>h</sup> 09 <sup>m</sup> 18.135 <sup>s</sup> 0° - 32°25.906''	36.5	206	96.4	-35.5	130.0	-56.3	8.7	72	
2006/12/17 18:36:39	9606 1992 BZ	5.5	16.41	4.07	22	0.7	36°11'27'' 50°14'11''	342	2.5	TYC 183001058	12.37	4 <sup>h</sup> 41 <sup>m</sup> 56.747 <sup>s</sup> 22°36'15.180''	54.7	130	166.5	-47.1	159.8	-62.2	8.4	86	
2006/12/17 19:14:53	81994 QT184	2000	5.5	19.28	7.48	0.6	36°21'11'' 49°47'38''	170	1.2	TYC 60201163	11.80	0 <sup>h</sup> 27 <sup>m</sup> 40.859 <sup>s</sup> 12°45'28.887''	38.2	240	105.6	-52.6	138.9	-62.8	8.3	185	
2006/12/17 23:57:54	5181 SURF	8.7	15.69	4.07	236	0.8	35°13'42'' 48°02'28''	199	0.0	TYC 186703033	11.65	5 <sup>h</sup> 56 <sup>m</sup> 52.788 <sup>s</sup> 25°28'30.279''	54.8	238	175.9	-51.0	145.8	-30.0	7.2	70	
2006/12/18 00:57:21	64088 SX285	2001	5.0	18.68	7.13	0.6	35°17'20'' 50°54'23''	323	0.9	TYC 84201400	11.55	10 <sup>h</sup> 42 <sup>m</sup> 44.889 <sup>s</sup> 11°55'25.129''	47.4	145	108.2	-42.1	78.3	-20.9	7.0	176	
2006/12/18 03:46:35	1020 Arcadia	13.8	15.83	4.82	102	1.1	35°39'11'' 49°13'58''	207	2.9	TYC 130101436	11.02	5 <sup>h</sup> 28 <sup>m</sup> 33.307 <sup>s</sup> 17°07'17.215''	8.4	287	173.0	-15.2	152.6	2.0	6.4	74	
2006/12/18 05:20:37	42273 QO245	2001	12.0	16.48	3.64	61	35°27'58'' 50°12'43''	287	4.0	UCAC2 39633658	12.88	5 <sup>h</sup> 57 <sup>m</sup> 18.900 <sup>s</sup> 22°09'36.173''	2.8	302	176.5	-1.8	148.0	10.9	6.1	99	
2006/12/18 14:13:46	1361 Leuschneria	30.2	15.79	6.89	33	5.1	36°20'06'' 50°20'18''	6	16.1	HIP 12809	8.91	2 <sup>h</sup> 44 <sup>m</sup> 36.647 <sup>s</sup> -11°29'53.618''	6.9	117	123.9	-6.2	139.1	-23.7	4.5	66	
2006/12/18 15:38:47	30545 OT35	2001	14.5	18.41	4.83	0.5	36°27'59'' 50°09'25''	46	2.7	UCAC2 34941655	13.59	21 <sup>h</sup> 51 <sup>m</sup> 45.045 <sup>s</sup> 8°55'35.228''	42.0	222	68.5	-18.9	91.8	-36.9	4.2	211	
2006/12/18 20:47:08	34777 RH	2001	9.5	14.21	2.47	0.7	37°58'11'' 49°49'25''	102	1.8	UCAC2 44476501	11.86	7 <sup>h</sup> 17 <sup>m</sup> 38.092 <sup>s</sup> 36°18'46.843''	62.1	106	156.3	-62.2	139.6	-64.5	3.4	99	
2006/12/18 20:53:28	2616 Lesya	9.0	16.72	6.50	38	1.1	36°20'59'' 50°23'27''	7	5.3	TYC 84601257	10.22	10 <sup>h</sup> 43 <sup>m</sup> 59.978 <sup>s</sup> 7°38'36.079''	9.7	90	107.1	-62.5	86.6	-64.0	3.4	50	
2006/12/18 22:26:25	19501 KC50	1998	12.0	17.00	4.02	0.7	35°54'30'' 49°26'28''	202	3.4	UCAC2 39451917	13.00	5 <sup>h</sup> 53 <sup>m</sup> 33.429 <sup>s</sup> 21°49'22.708''	60.5	203	177.7	-61.4	157.5	-53.7	3.2	115	
2006/12/19 00:34:43	7272 DD1	1980	10.0	16.95	3.40	0.7	36°03'08'' 49°43'22''	205	3.6	UCAC2 44290799	13.60	6 <sup>h</sup> 22 <sup>m</sup> 16.266 <sup>s</sup> 35°53'23.811''	60.0	256	165.2	-45.7	152.7	-34.5	2.8	104	
2006/12/19 01:45:07	32422 RO42	2000	7.6	17.50	5.84	0.5	36°11'05'' 49°30'18''	187	1.8	UCAC2 39447608	11.66	5 <sup>h</sup> 38 <sup>m</sup> 35.777 <sup>s</sup> 21°38'53.299''	32.1	266	177.5	-34.6	162.5	-23.8	2.7	157	
2006/12/19 02:02:03	4780 Polina	5.8	16.42	3.85	224	0.5	38°01'23'' 51°44'12''	33	0.0	TYC 132600038	12.60	6 <sup>h</sup> 14 <sup>m</sup> 23.185 <sup>s</sup> 20°53'17.180''	34.6	262	173.1	-31.9	154.5	-21.2	2.6	65	
2006/12/19 02:56:38	15719 CF	1990	6.9	17.77	6.10	0.6	36°43'51'' 49°12'29''	161	1.7	TYC 85300298	11.68	10 <sup>h</sup> 55 <sup>m</sup> 13.467 <sup>s</sup> 14°21'45.123''	54.4	187	107.3	-23.1	90.4	-13.4	2.5	88	
2006/12/19 15:37:34	1936 Lugano	24.8	16.92	3.30	199	0.6	34°51'27'' 48°31'32''	211	3.0	UCAC2 25657254	13.67	19 <sup>h</sup> 36 <sup>m</sup> 06.060 <sup>s</sup> -16°49'39.602''	2.4	240	25.9	-18.6	38.0	-29.8	1.2	179	
2006/12/19 16:44:47	135532 CR12	2002	5.5	17.18	5.62	1.0	36°06'48'' 48°27'39''	184	0.5	UCAC2 43051362	11.56	3 <sup>h</sup> 10 <sup>m</sup> 55.925 <sup>s</sup> 32°25'32.909''	60.6	114	144.1	-29.3	156.0	-40.2	1.1	100	



Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1			Page 8			LinOccult 1.1.2		
		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 (%)	$\sigma_{km}$	
2006/12/19 18:26:32	5772 John-lambert	12.0	16.38	4.27	44	0.9	35°52'34" 50°20'37"	318	4.7	UCAC2 39471853	12.13	7 <sup>h</sup> 01 <sup>m</sup> 51.728 <sup>s</sup> 21°36'12.349"	32.8	95	163.2	-45.5	152.7	-55.5	0.9	91	
2006/12/19 19:57:34	87859 SX225	7.9	16.85	4.44	158	0.6	35°54'37" 48°39'11"	190	1.2	TYC 241001989	12.43	5 <sup>h</sup> 57 <sup>m</sup> 53.253 <sup>s</sup> 32°05'23.688"	64.1	124	171.1	-57.8	168.4	-65.9	0.8	180	
2006/12/19 21:15:30	6377 Cagney	10.0	16.99	4.24	104	0.9	35°53'39" 49°08'38"	196	2.2	UCAC2 36458832	12.77	7 <sup>h</sup> 35 <sup>m</sup> 42.027 <sup>s</sup> 13°26'56.415"	46.0	135	153.1	-63.4	143.4	-67.7	0.7	88	
2006/12/19 23:21:55	1625 The NORC	28.3	16.13	4.52	30	1.8	36°19'14" 49°46'33"	175	9.9	UCAC2 45943434	11.63	4 <sup>h</sup> 32 <sup>m</sup> 13.801 <sup>s</sup> 40°53'33.794"	56.4	273	156.0	-55.9	164.2	-55.1	0.6	110	
2006/12/20 00:32:45	1503 Kuopio	18.4	13.91	1.90	21	2.0	36°17'15" 50°14'01"	0	21.3	UCAC2 44126062	12.22	7 <sup>h</sup> 14 <sup>m</sup> 12.742 <sup>s</sup> 35°26'01.313"	67.2	240	158.2	-46.1	154.7	-44.6	0.5	22	
2006/12/20 00:34:22	34243 QR100	7.2	17.24	6.11	216	0.7	35°27'36" 48°11'18"	196	0.8	TYC 74701304	11.13	6 <sup>h</sup> 49 <sup>m</sup> 17.136 <sup>s</sup> 8°32'21.438"	41.3	223	159.6	-45.8	151.2	-44.3	0.5	180	
2006/12/20 03:53:02	2962 Otto	18.2	15.40	3.47	233	2.1	33°20'49" 50°59'22"	297	0.4	UCAC2 44484332	11.97	9 <sup>h</sup> 24 <sup>m</sup> 06.855 <sup>s</sup> 36°29'10.124"	57.1	262	132.7	-14.4	130.2	-14.5	0.4	95	
2006/12/20 18:18:30	5793 TK6	10.0	16.18	2.38	33	0.7	36°09'50" 50°20'12"	345	3.8	UCAC2 41159587	13.93	5 <sup>h</sup> 45 <sup>m</sup> 00.788 <sup>s</sup> 26°46'23.051"	48.1	106	176.0	-44.2	175.6	-46.2	0.2	100	
2006/12/20 18:33:11	1094 Siberia	18.1	14.75	2.38	155	2.0	35°50'41" 48°41'19"	192	0.7	UCAC2 32323832	12.50	6 <sup>h</sup> 04 <sup>m</sup> 41.095 <sup>s</sup> 1°55'42.102"	27.5	124	158.3	-46.4	153.6	-48.4	0.2	65	
2006/12/20 19:26:54	20807 SY220	6.6	17.96	5.32	37	0.6	36°16'59" 50°22'37"	360	1.8	TYC 76701500	12.64	7 <sup>h</sup> 19 <sup>m</sup> 38.197 <sup>s</sup> 11°12'08.930"	32.2	113	156.3	-54.0	155.8	-56.2	0.2	142	
2006/12/20 22:14:26	2717 Tellervo	10.0	15.60	4.88	191	1.2	35°59'29" 48°20'21"	186	0.0	UCAC2 37485027	10.74	4 <sup>h</sup> 26 <sup>m</sup> 37.419 <sup>s</sup> 16°00'44.855"	47.2	229	158.0	-62.3	152.4	-68.0	0.3	60	
2006/12/20 22:49:01	690 Wratislavia	135.0	14.50	1.10	220	7.9	39°21'36" 50°12'27"	85	0.0	UCAC2 27484317	13.89	12 <sup>h</sup> 00 <sup>m</sup> 03.077 <sup>s</sup> -12°21'13.903"	1.7	112	83.9	-59.6	87.5	-65.9	0.3	29	
2006/12/20 23:20:01	57248 QT91	5.2	16.39	5.05	188	0.7	34°54'28" 51°29'46"	329	0.6	TYC 380001836	11.36	8 <sup>h</sup> 33 <sup>m</sup> 19.951 <sup>s</sup> 57°07'38.610"	79.5	42	135.8	-56.2	142.4	-62.8	0.4	153	
2006/12/21 00:20:47	61290 OX42	5.8	18.19	7.30	153	1.2	38°17'06" 50°32'48"	69	0.9	TYC 82901306	10.89	10 <sup>h</sup> 00 <sup>m</sup> 22.159 <sup>s</sup> 7°56'15.276"	45.2	153	119.4	-48.0	124.3	-55.1	0.4	132	
2006/12/21 01:02:35	4246 Tele-mann	6.6	17.29	5.36	92	0.6	35°37'23" 49°20'31"	211	1.3	UCAC2 40847759	11.94	7 <sup>h</sup> 42 <sup>m</sup> 00.696 <sup>s</sup> 25°49'43.826"	58.8	229	155.7	-41.6	161.8	-49.0	0.4	58	
2006/12/21 01:10:50	4384 1990 AA	12.6	16.07	2.36	53	1.2	36°24'34" 50°30'46"	10	4.9	UCAC2 42921558	13.84	7 <sup>h</sup> 56 <sup>m</sup> 15.877 <sup>s</sup> 31°34'51.956"	64.3	234	152.1	-40.3	159.1	-47.7	0.4	85	
2006/12/21 03:02:13	9255 Inouta-dataka	6.3	17.01	5.19	98	0.5	37°21'43" 50°36'03"	51	1.5	UCAC2 45484932	11.82	5 <sup>h</sup> 55 <sup>m</sup> 44.450 <sup>s</sup> 39°08'54.698"	33.3	293	164.2	-22.4	167.2	-30.5	0.5	88	
2006/12/21 04:36:36	4518 Raikin	5.8	17.48	5.11	32	0.6	36°18'47" 49°45'53"	177	3.0	TYC 77200369	12.38	7 <sup>h</sup> 31 <sup>m</sup> 23.206 <sup>s</sup> 11°41'12.561"	13.9	272	154.5	-8.1	158.2	-16.5	0.6	69	
2006/12/21 14:54:48	8532 YW3	11.5	15.15	3.85	34	1.4	36°40'30" 49°51'54"	126	6.4	UCAC2 41184979	11.33	7 <sup>h</sup> 27 <sup>m</sup> 16.556 <sup>s</sup> 26°44'01.361"	2.4	49	159.5	-12.0	172.8	-7.0	1.4	62	
2006/12/21 19:03:44	34777 RH	9.5	14.07	3.23	41	0.6	36°51'40" 50°02'02"	92	3.6	UCAC2 43951435	10.90	7 <sup>h</sup> 12 <sup>m</sup> 26.027 <sup>s</sup> 34°52'00.333"	47.4	89	160.3	-50.8	172.1	-43.3	1.9	97	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 9		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2006/12/22 02:46:41	2649 Oongaq	33.1	15.04	1.68	127	3.4	36°09'04" 51°10'58"	356	6.2	UCAC2 35194746	13.62	7 <sup>h</sup> 21 <sup>m</sup> 59.464 <sup>s</sup> 9°43'41.543"	27.8	251	156.1	-25.0	163.4	-40.8	2.9	111
2006/12/22 16:48:18	5857 Neglinka	5.0	16.85	4.51	192	0.5	35°19'39" 51°39'51"	339	0.1	TYC 135200906	12.36	7 <sup>h</sup> 00 <sup>m</sup> 11.007 <sup>s</sup> 18°59'29.787"	17.2	81	165.9	-29.7	165.2	-12.3	5.3	67
2006/12/22 17:52:08	249 Ilse	34.8	15.32	1.70	188	1.3	37°20'45" 48°30'21"	156	0.0	UCAC2 32299983	13.87	23 <sup>h</sup> 01 <sup>m</sup> 59.973 <sup>s</sup> 1°09'16.165"	25.5	238	76.6	-39.9	50.5	-21.5	5.6	30
2006/12/22 21:15:42	6240 Lucterius Carus	6.3	16.08	4.40	37	0.7	36°24'21" 50°22'00"	13	3.2	UCAC2 38210752	11.70	5 <sup>h</sup> 27 <sup>m</sup> 53.849 <sup>s</sup> 18°14'08.118"	58.2	188	170.2	-63.4	141.8	-51.9	6.3	68
2006/12/22 21:45:44	880 Herba	36.0	15.02	1.43	174	4.9	37°48'59" 48°50'34"	141	1.9	UCAC2 40464870	13.93	3 <sup>h</sup> 23 <sup>m</sup> 15.374 <sup>s</sup> 24°34'05.251"	48.2	249	143.5	-63.5	115.0	-55.7	6.5	82
2006/12/22 22:02:52	55181 2001 QD280	5.0	16.56	5.13	239	0.6	38°28'32" 51°41'25"	41	0.5	UCAC2 45977437	11.44	7 <sup>h</sup> 31 <sup>m</sup> 03.917 <sup>s</sup> 40°36'04.530"	76.4	128	154.8	-62.9	161.1	-57.6	6.5	175
2006/12/23 02:04:23	62352 2000 SG143	5.0	18.61	8.52	180	0.6	37°33'60" 51°26'42"	30	0.7	HIP 16979	10.09	3 <sup>h</sup> 38 <sup>m</sup> 22.589 <sup>s</sup> 22°29'58.558"	8.4	295	146.5	-31.9	115.3	-52.8	7.5	161
2006/12/23 02:18:31	3731 Hancock	49.3	14.42	1.05	80	3.3	36°39'23" 50°43'39"	19	12.2	UCAC2 38761025	13.88	6 <sup>h</sup> 06 <sup>m</sup> 06.128 <sup>s</sup> 19°35'48.594"	27.1	269	176.2	-29.6	148.1	-50.9	7.5	134
2006/12/23 03:10:32	13123 Tyson	11.0	15.98	3.46	75	0.7	35°19'44" 49°46'10"	246	2.8	UCAC2 43408588	12.56	5 <sup>h</sup> 12 <sup>m</sup> 08.713 <sup>s</sup> 33°16'06.130"	20.5	298	164.8	-21.3	136.7	-43.3	7.7	134
2006/12/23 15:43:21	16057 1999 JO75	9.5	16.04	3.61	117	0.8	37°15'27" 49°12'36"	143	1.9	TYC 131300279	12.47	6 <sup>h</sup> 05 <sup>m</sup> 15.488 <sup>s</sup> 15°13'29.032"	13.4	82	171.8	-19.2	139.6	6.4	11.0	96
2006/12/23 20:07:56	1130 Skuld	12.6	14.99	2.05	12	1.1	36°19'51" 49°56'49"	164	10.1	UCAC2 38931462	13.11	5 <sup>h</sup> 35 <sup>m</sup> 33.763 <sup>s</sup> 20°26'04.474"	58.8	155	172.0	-58.7	131.2	-30.7	12.4	48
2006/12/23 22:24:45	5851 1991 DM1	13.2	16.83	3.23	158	1.3	36°33'44" 51°27'16"	7	0.8	UCAC2 33565039	13.66	8 <sup>h</sup> 18 <sup>m</sup> 10.057 <sup>s</sup> 5°10'34.030"	42.3	153	143.8	-61.7	161.1	-50.0	13.0	75
2006/12/23 23:52:52	1626 Sadeya	26.3	13.34	0.98	86	2.0	35°04'44" 50°00'48"	267	0.9	UCAC2 31005899	12.92	9 <sup>h</sup> 32 <sup>m</sup> 47.196 <sup>s</sup> -2°25'27.354"	35.9	160	124.0	-52.2	158.0	-57.9	13.6	32
2006/12/24 00:30:03	8766 Niger	8.3	16.83	4.39	11	0.7	36°18'28" 50°08'37"	8	3.4	TYC 132601225	12.46	6 <sup>h</sup> 09 <sup>m</sup> 08.688 <sup>s</sup> 22°17'15.169"	46.1	247	178.9	-46.8	136.7	-59.0	13.7	96
2006/12/24 01:32:19	3390 De-manet	6.6	16.67	5.60	217	0.5	37°48'09" 51°44'59"	30	0.0	TYC 187401194	11.08	5 <sup>h</sup> 43 <sup>m</sup> 48.755 <sup>s</sup> 28°46'53.881"	36.9	272	172.2	-37.1	130.6	-57.3	14.1	61
2006/12/24 13:38:38	239 Adrastea	41.5	16.02	2.48	134	0.9	35°32'37" 51°09'12"	337	7.5	UCAC2 24943727	13.65	18 <sup>h</sup> 43 <sup>m</sup> 52.305 <sup>s</sup> -18°28'57.826"	7.2	230	9.1	-1.1	42.9	23.8	18.2	128
2006/12/24 20:51:06	770 Bali	16.1	13.47	1.98	93	3.6	36°28'37" 50°52'23"	8	0.0	TYC 194602217	11.68	8 <sup>h</sup> 46 <sup>m</sup> 36.545 <sup>s</sup> 25°31'50.849"	45.2	104	144.9	-62.2	159.6	-25.2	20.8	24
2006/12/24 23:16:00	603 Timandra	13.7	15.23	1.63	201	1.7	36°48'09" 51°49'39"	11	0.1	UCAC2 44097756	13.88	4 <sup>h</sup> 26 <sup>m</sup> 48.649 <sup>s</sup> 35°22'34.938"	50.1	269	154.1	-56.9	102.2	-45.1	21.9	68
2006/12/24 23:33:51	55493 2001 UX48	7.6	17.43	5.70	9	0.5	36°18'33" 50°07'29"	11	2.0	UCAC2 42209967	11.74	6 <sup>h</sup> 02 <sup>m</sup> 18.593 <sup>s</sup> 29°45'12.746"	58.4	243	173.2	-54.7	121.8	-47.0	21.9	148
2006/12/25 00:29:53	605 Juvisia	70.1	15.82	3.62	195	9.7	38°01'51" 51°24'13"	40	0.0	UCAC2 34287441	12.24	11 <sup>h</sup> 29 <sup>m</sup> 43.688 <sup>s</sup> 7°18'10.755"	38.3	133	102.8	-46.9	159.1	-51.6	22.4	31

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 10		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2006/12/25 00:55:28	3001 Michelangelo	11.0	15.06	2.66	17	0.9	36°19'02'' 49°53'46''	173	4.4 4.4	UCAC2 45151529	12.50	6 <sup>h</sup> 08 <sup>m</sup> 30.565 <sup>s</sup> 38°01'56.163''	52.0	272	165.2	-43.0	121.6	-52.7	22.5	98
2006/12/25 01:14:33	17816 FY113	10.0	17.16	6.84	170	1.5	35°27'40'' 48°37'04''	200	1.1 3.5	TYC 124300760	10.32	3 <sup>h</sup> 38 <sup>m</sup> 42.900 <sup>s</sup> 19°54'04.201''	12.8	286	144.1	-40.0	87.3	-53.2	22.7	114
2006/12/25 01:31:53	623 Chimaera	44.1	13.71	0.73	32	4.4	36°29'60'' 50°18'03''	28	33.4 57.3	UCAC2 45640023	13.76	5 <sup>h</sup> 30 <sup>m</sup> 17.552 <sup>s</sup> 39°50'58.515''	41.2	286	161.1	-37.2	113.6	-53.3	22.8	28
2006/12/25 01:44:59	3526 Jeffbell	24.7	16.84	5.30	165	2.3	38°00'14'' 51°02'53''	48	2.2 10.6	TYC 248300662	11.55	8 <sup>h</sup> 30 <sup>m</sup> 38.172 <sup>s</sup> 30°36'42.017''	61.4	238	148.7	-35.1	151.0	-53.1	22.8	93
2006/12/25 16:15:47	19774 OS51	12.0	16.25	3.22	80	1.0	35°53'13'' 50°43'15''	339	3.6 6.5	UCAC2 38428206	13.09	7 <sup>h</sup> 47 <sup>m</sup> 09.489 <sup>s</sup> 18°53'28.246''	6.7	68	158.3	-24.2	136.8	23.9	28.7	74
2006/12/25 17:18:18	50816 FU31	6.0	17.44	5.26	91	1.7	35°17'15'' 49°32'47''	232	1.5 3.3	TYC 122900975	12.19	2 <sup>h</sup> 48 <sup>m</sup> 48.509 <sup>s</sup> 20°21'35.087''	59.0	157	132.1	-34.2	67.2	17.3	29.1	73
2006/12/25 22:14:17	6979 Shigefumi	11.0	16.78	3.72	146	0.6	37°50'12'' 49°12'30''	130	0.5 6.9	UCAC2 36225211	13.10	0 <sup>h</sup> 15 <sup>m</sup> 07.788 <sup>s</sup> 12°42'55.770''	3.2	286	94.6	-62.4	28.8	-25.3	31.3	63
2006/12/26 00:24:30	7145 Linzexu	11.5	16.71	3.80	168	1.4	35°16'09'' 48°41'38''	206	0.3 6.8	UCAC2 31334910	12.95	11 <sup>h</sup> 08 <sup>m</sup> 12.989 <sup>s</sup> −1°22'26.205''	32.6	143	105.3	-47.7	171.2	-41.3	32.4	67
2006/12/26 01:02:17	24755 UQ6	5.0	16.53	4.80	162	1.0	37°06'33'' 51°24'10''	21	0.5 2.1	UCAC2 43227368	11.75	4 <sup>h</sup> 11 <sup>m</sup> 44.815 <sup>s</sup> 32°57'24.233''	28.7	288	150.8	-42.0	83.6	-44.3	32.7	93
2006/12/26 03:56:07	25871 LZ26	7.6	17.19	4.10	239	0.6	35°14'46'' 48°00'40''	198	0.0 3.8	TYC 136801566	13.12	7 <sup>h</sup> 28 <sup>m</sup> 54.464 <sup>s</sup> 19°34'32.262''	22.8	274	163.1	-14.4	125.6	-42.1	33.9	79
2006/12/26 17:56:26	27623 LE	6.9	17.68	7.27	105	0.7	37°30'46'' 49°32'25''	123	1.1 1.2	TYC 236802392	10.41	3 <sup>h</sup> 53 <sup>m</sup> 47.963 <sup>s</sup> 35°39'36.954''	70.8	131	146.0	-40.2	71.1	24.3	40.3	232
2006/12/27 01:03:13	3077 Henderson	9.5	15.03	3.19	131	1.1	37°01'02'' 51°07'45''	23	0.7 6.0	TYC 186601219	11.90	5 <sup>h</sup> 46 <sup>m</sup> 06.460 <sup>s</sup> 24°37'58.609''	37.2	265	171.7	-41.9	89.2	-34.2	43.7	64
2006/12/27 01:07:12	14660 BO1	8.7	17.25	5.93	253	0.6	34°24'35'' 48°08'22''	212	0.1 4.0	TYC 135800144	11.33	7 <sup>h</sup> 12 <sup>m</sup> 35.678 <sup>s</sup> 21°11'15.261''	47.3	243	168.1	-41.2	109.3	-34.6	43.7	87
2006/12/27 03:16:12	36910 SS187	6.3	18.24	6.28	163	0.5	35°04'28'' 48°48'32''	212	0.9 1.8	TYC 78700315	11.96	7 <sup>h</sup> 54 <sup>m</sup> 06.578 <sup>s</sup> 12°01'16.193''	26.9	256	155.5	-20.6	119.1	-39.8	44.7	143
2006/12/27 14:41:21	13914 Galegant	8.3	17.02	6.02	232	0.6	38°53'14'' 48°50'00''	126	0.3 3.2	TYC 189502272	11.01	7 <sup>h</sup> 04 <sup>m</sup> 49.122 <sup>s</sup> 23°33'48.915''	4.0	57	170.7	-9.4	99.3	42.6	50.0	105
2006/12/27 17:46:35	4751 Alicemanning	13.2	17.54	8.01	8	1.0	36°17'43'' 50°07'05''	5	4.8 4.8	HIP 21687	9.53	4 <sup>h</sup> 39 <sup>m</sup> 22.715 <sup>s</sup> 19°07'06.492''	50.7	130	155.1	-38.5	63.8	36.7	51.5	109
2006/12/27 19:51:07	8836 Aquifolium	8.3	17.49	5.82	226	0.6	36°26'13'' 48°01'23''	177	0.3 3.2	UCAC2 34988782	11.67	6 <sup>h</sup> 27 <sup>m</sup> 59.813 <sup>s</sup> 9°00'46.361''	43.5	142	165.7	-56.5	89.0	20.9	52.5	103
2006/12/27 22:56:10	253 Mathilde	58.0	14.10	1.47	171	4.4	36°50'43'' 51°32'24''	14	0.0 50.4	UCAC2 36432094	12.96	6 <sup>h</sup> 17 <sup>m</sup> 45.135 <sup>s</sup> 13°04'22.145''	49.0	214	169.6	-59.1	84.4	-6.8	54.0	43
2006/12/28 02:08:08	3818 Gorlitsa	10.2	19.16	5.43	42	2.0	36°41'59'' 50°18'54''	45	5.3 6.7	UCAC2 32871628	13.73	11 <sup>h</sup> 02 <sup>m</sup> 45.355 <sup>s</sup> 3°26'19.957''	43.6	179	110.6	-31.6	153.2	-29.2	55.6	61
2006/12/28 04:22:21	2812 Scaltriti	6.6	15.81	4.23	8	0.7	36°13'51'' 50°06'21''	328	4.5 4.5	TYC 190500705	11.60	6 <sup>h</sup> 43 <sup>m</sup> 02.786 <sup>s</sup> 29°20'12.456''	17.5	295	172.9	-10.5	85.6	-32.5	56.6	58

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 11		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$	
2006/12/28 04:22:32	2405 Welch	25.4	18.29	5.23	129	0.6	37°29'07'' 50°54'58''	42	4.0	UCAC2 25099570	13.07	15 <sup>h</sup> 45 <sup>m</sup> 28.273 <sup>s</sup> −17°59'49.149''	14.3	143	38.0	-10.5	135.2	-32.5	56.6	89	
2006/12/28 14:06:17	32795 1989 WA3	6.9	17.72	7.30	246	2.0	39°28'40'' 50°55'30''	67	0.3	TYC 176500863	10.42	2 <sup>h</sup> 15 <sup>m</sup> 36.390 <sup>s</sup> 23°25'20.878''	43.8	106	122.4	-4.4	21.3	42.0	61.0	125	
2006/12/28 16:25:32	8532 1992 YW3	11.5	14.95	1.36	173	1.2	35°25'17'' 51°30'24''	339	0.1	UCAC2 41529795	13.96	7 <sup>h</sup> 21 <sup>m</sup> 31.052 <sup>s</sup> 27°51'22.788''	20.6	71	167.3	-25.4	87.2	50.6	62.1	60	
2006/12/28 16:27:32	2645 Daphne Plane	15.6	15.53	2.07	219	3.1	39°21'02'' 50°06'50''	88	0.7	UCAC2 46089541	13.63	3 <sup>h</sup> 10 <sup>m</sup> 46.423 <sup>s</sup> 41°10'32.213''	69.1	104	135.1	-25.7	40.2	50.6	62.2	106	
2006/12/28 18:14:02	2188 Orlenok	13.8	16.04	4.66	203	1.1	35°33'48'' 51°48'53''	345	0.8	UCAC2 39112011	11.39	6 <sup>h</sup> 06 <sup>m</sup> 30.109 <sup>s</sup> 20°31'41.239''	44.2	113	174.0	-42.7	70.0	44.9	63.0	107	
2006/12/28 20:39:38	29311 1994 BQ3	12.6	15.96	2.23	98	1.0	35°54'31'' 49°11'54''	196	3.1	UCAC2 35192237	13.88	7 <sup>h</sup> 15 <sup>m</sup> 00.947 <sup>s</sup> 9°52'08.426''	44.8	144	162.8	-61.2	86.5	26.1	64.1	112	
2006/12/28 22:30:12	2937 Gibbs	8.7	18.09	6.26	182	0.8	33°52'14'' 49°33'47''	253	0.7	UCAC2 27293883	11.83	10 <sup>h</sup> 06 <sup>m</sup> 48.057 <sup>s</sup> −12°33'57.870''	18.1	138	116.1	-61.4	131.5	9.4	65.0	105	
2006/12/28 22:34:41	395 Delia	51.0	14.52	2.17	201	3.8	35°58'20'' 48°15'22''	186	0.0	UCAC2 39295760	12.51	6 <sup>h</sup> 48 <sup>m</sup> 01.891 <sup>s</sup> 21°15'31.161''	60.3	199	175.5	-61.0	77.0	8.7	65.0	24	
2006/12/28 22:56:15	4027 Mitton	6.6	16.76	4.85	156	0.6	35°54'60'' 48°39'57''	190	0.2	UCAC2 39107190	11.92	5 <sup>h</sup> 48 <sup>m</sup> 17.855 <sup>s</sup> 20°33'20.066''	52.1	230	169.9	-59.1	63.0	5.5	65.2	63	
2006/12/29 01:41:56	51817 2001 OA13	5.0	18.20	6.53	249	0.6	38°12'13'' 51°55'39''	33	0.5	TYC 236701526	11.67	3 <sup>h</sup> 36 <sup>m</sup> 50.577 <sup>s</sup> 36°50'15.539''	19.1	305	140.3	-35.8	36.6	-16.4	66.5	205	
2006/12/29 15:14:14	1214 Richilde	35.3	15.85	2.33	67	2.3	36°22'27'' 49°27'04''	175	12.6	UCAC2 37113777	13.65	0 <sup>h</sup> 38 <sup>m</sup> 11.031 <sup>s</sup> 15°28'28.111''	55.2	169	97.1	-14.1	20.2	49.6	72.3	58	
2006/12/29 17:13:27	9652 1996 AF2	8.3	16.60	6.58	98	0.7	37°07'10'' 49°21'06''	142	2.0	TYC 238900496	10.02	5 <sup>h</sup> 09 <sup>m</sup> 27.758 <sup>s</sup> 30°33'18.401''	51.6	103	159.8	-33.0	43.8	56.8	73.1	87	
2006/12/29 17:49:08	41899 2000 WY124	12.0	16.67	2.87	192	0.8	36°11'09'' 51°46'05''	358	1.2	UCAC2 40152911	13.88	5 <sup>h</sup> 53 <sup>m</sup> 55.464 <sup>s</sup> 23°52'03.179''	45.5	108	170.8	-38.7	53.1	56.1	73.3	129	
2006/12/29 20:46:07	52309 Philni-colai	6.9	17.81	6.81	62	0.5	36°12'52'' 50°36'24''	355	1.9	TYC 339901629	11.00	6 <sup>h</sup> 56 <sup>m</sup> 23.563 <sup>s</sup> 49°50'00.461''	78.4	84	152.9	-61.6	64.2	37.3	74.6	131	
2006/12/29 20:58:37	16750 Marisandoz	6.3	16.90	5.44	65	0.5	36°06'51'' 50°37'05''	349	2.2	TYC 189001332	11.47	6 <sup>h</sup> 19 <sup>m</sup> 31.265 <sup>s</sup> 28°18'03.480''	68.1	166	173.8	-62.3	56.7	35.5	74.7	91	
2006/12/29 22:13:25	3033 Holbaek	8.3	16.00	7.19	12	0.8	36°14'14'' 49°56'41''	197	5.0	TYC 134501705	8.81	7 <sup>h</sup> 11 <sup>m</sup> 39.275 <sup>s</sup> 15°09'00.962''	55.3	180	168.2	-62.4	70.0	24.2	75.2	65	
2006/12/30 02:45:13	4157 Izu	21.0	16.33	6.21	73	1.4	37°09'58'' 50°23'01''	59	6.7	UCAC2 43430074	10.12	6 <sup>h</sup> 47 <sup>m</sup> 51.556 <sup>s</sup> 33°09'32.932''	34.6	282	169.6	-25.7	59.1	-12.3	77.0	88	
2006/12/30 03:05:03	29515 1997 YL7	9.5	16.78	5.88	139	0.7	35°44'46'' 51°14'60''	344	1.5	TYC 144200763	10.90	12 <sup>h</sup> 15 <sup>m</sup> 14.852 <sup>s</sup> 16°28'23.100''	56.6	175	101.0	-22.5	131.6	-14.1	77.2	105	
2006/12/30 03:10:42	926 Imhilde	48.5	15.25	5.25	75	3.4	35°21'49'' 49°44'06''	242	14.6	TYC 240200031	10.01	5 <sup>h</sup> 22 <sup>m</sup> 21.337 <sup>s</sup> 37°22'33.023''	21.1	303	158.8	-21.6	41.8	-14.6	77.2	57	
2006/12/30 03:15:54	2258 Viipuri	23.5	14.37	1.49	99	2.2	35°26'46'' 49°20'46''	218	5.2	UCAC2 40330381	13.20	6 <sup>h</sup> 35 <sup>m</sup> 31.452 <sup>s</sup> 24°24'14.996''	21.7	283	178.7	-20.8	56.9	-15.0	77.3	74	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 12		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2006/12/30 18:54:23	2120 Tyume- nia	41.2	15.56	2.31	67	2.7	36°25'17" 49°27'09"	172	13.4 16.9	UCAC2 32007612	13.39	7 <sup>h</sup> 05 <sup>m</sup> 18.380 <sup>s</sup> 0°46'27.051"	26.5	125	156.7	-48.6	61.8	60.6	83.1	96
2006/12/30 20:04:04	32937 1995 TT	10.0	17.02	3.22	37	0.8	36°09'44" 50°22'12"	346	2.7 2.8	UCAC2 44987872	13.85	6 <sup>h</sup> 37 <sup>m</sup> 32.519 <sup>s</sup> 37°48'35.723"	69.7	118	165.2	-57.7	47.0	54.2	83.5	140
2006/12/30 21:06:57	2221 Chilton	9.1	16.71	4.93	58	0.7	36°05'41" 50°33'07"	346	3.0 3.5	UCAC2 35899671	11.79	6 <sup>h</sup> 30 <sup>m</sup> 06.531 <sup>s</sup> 11°52'09.004"	51.8	172	168.6	-62.6	48.3	46.0	83.9	103
2006/12/31 02:10:34	106498 2000 WD33	5.0	18.21	10.85	225	0.6	37°55'21" 48°19'44"	149	0.5 0.7	HIP 41619	7.36	8 <sup>h</sup> 29 <sup>m</sup> 05.854 <sup>s</sup> -5°52'33.863"	23.9	226	140.6	-31.3	79.8	1.8	85.6	269
2006/12/31 02:20:57	4422 Jarre	10.0	15.05	1.58	3	1.0	36°15'01" 50°02'39"	262	7.6 7.6	UCAC2 37506309	13.76	6 <sup>h</sup> 19 <sup>m</sup> 45.835 <sup>s</sup> 16°22'02.910"	21.5	270	171.8	-29.6	41.6	0.6	85.7	52
2006/12/31 18:42:33	10811 Lau	10.0	15.52	2.31	39	1.0	36°15'07" 49°41'38"	184	4.3 4.8	UCAC2 38411832	13.35	6 <sup>h</sup> 39 <sup>m</sup> 12.806 <sup>s</sup> 18°46'02.272"	44.0	117	175.7	-46.7	36.3	65.7	90.5	83
2006/12/31 22:43:06	16970 1998 VV2	14.5	18.41	6.75	32	2.3	36°11'15" 49°45'53"	193	3.3 3.3	TYC 123200492	11.66	3 <sup>h</sup> 16 <sup>m</sup> 22.902 <sup>s</sup> 16°42'57.610"	26.7	264	131.1	-60.3	16.7	43.0	91.7	173