

## Occultations table

Observation point: VladimirNebotov  
EMail: nebotov@ukr.net  
Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')  
Maximal Distance = 250.0  
Maximal  $M_v = 14.00$   
Minimal Duration = 0.5s  
Maximal Sun Elevation = 0.0  
Minimal drop: 0.5  
Minimal probability: 0.0  
Minimal probability in nearest point: 0.5  
Minimal star elevation: 0.0  
Program: LinOccult 2.1.1  
Author: Plekhanov Andrey andyplekhanov@gmail.com  
Events number: 143

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				
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	Dist	Alt	Dist	Alt	Phase (%)	$\sigma_{km}$	
2010/02/01 00:32:28	607 Jenny	62.8	13.89	1.12	81	9.9	35°30'55" 50°34'59"	317	15.8	UCAC2 28915039	13.25	11 <sup>h</sup> 18 <sup>m</sup> 06.645 <sup>s</sup> −8°15'30.046"	31.6	187	136.9	−43.6	18.4	43.0	95.2	129
2010/02/01 00:38:58	7321 MZ2	1979	5.8	17.00	5.29	0.8	35°49'43" 49°41'31"	220	2.0	TYC 83800716	11.72	10 <sup>h</sup> 28 <sup>m</sup> 02.130 <sup>s</sup> 8°58'50.690"	45.9	209	156.5	−42.7	3.6	42.5	95.2	101
2010/02/01 01:08:00	963 Iduberga	11.5	14.89	1.39	154	1.6	37°48'49" 51°02'01"	45	1.0	UCAC2 43612429	13.85	8 <sup>h</sup> 02 <sup>m</sup> 15.954 <sup>s</sup> 33°53'13.077"	41.5	276	159.2	−38.4	44.7	40.0	95.1	85
2010/02/01 01:24:50	988 Appella	25.9	17.88	4.00	62	1.2	35°52'25" 49°33'30"	208	3.9	UCAC2 24366532	13.91	15 <sup>h</sup> 33 <sup>m</sup> 35.044 <sup>s</sup> −19°10'15.484"	10.4	137	76.2	−35.9	78.3	38.3	95.0	255
2010/02/01 04:37:04	6019 1991 RO6	18.2	16.20	9.71	166	4.0	35°08'26" 51°21'18"	331	2.6	HIP 58450	6.49	11 <sup>h</sup> 59 <sup>m</sup> 09.364 <sup>s</sup> −10°28'32.920"	11.9	237	127.4	−5.4	24.8	11.5	94.2	152
2010/02/01 04:41:29	2637 Bo- brownikoff	19.6	18.26	4.76	121	0.8	35°06'26" 49°16'20"	224	3.6	UCAC2 23152016	13.51	15 <sup>h</sup> 29 <sup>m</sup> 35.438 <sup>s</sup> −21°56'54.486"	18.0	185	76.6	−4.8	75.8	10.8	94.3	165
2010/02/01 16:06:19	83980 2002 EP9	12.0	19.72	6.58	130	0.6	36°01'12" 51°12'18"	352	1.1	UCAC2 36935132	13.14	1 <sup>h</sup> 47 <sup>m</sup> 20.447 <sup>s</sup> 14°53'25.766"	50.5	216	77.7	−15.9	136.5	−15.6	91.3	399
2010/02/01 20:44:21	36729 2000 RV47	6.0	16.98	6.61	12	0.8	36°12'17" 50°08'40"	332	1.9	TYC 243701090	10.37	7 <sup>h</sup> 00 <sup>m</sup> 47.299 <sup>s</sup> 30°52'02.446"	68.3	214	149.4	−54.7	67.4	24.9	90.0	125
2010/02/01 23:56:22	13508 1989 DC	6.9	17.15	5.02	11	2.9	36°14'43" 49°57'19"	196	2.4	TYC 239401996	12.15	5 <sup>h</sup> 23 <sup>m</sup> 07.175 <sup>s</sup> 33°32'51.144"	27.0	291	128.5	−48.2	90.4	39.3	88.8	117
2010/02/02 03:32:42	2763 Jeans	10.0	16.51	4.24	90	0.8	36°59'51" 50°43'02"	34	2.5	UCAC2 39309132	12.29	7 <sup>h</sup> 57 <sup>m</sup> 27.053 <sup>s</sup> 21°17'10.064"	8.6	293	164.1	−15.3	56.7	23.3	87.8	123
2010/02/02 04:54:32	272 Antonia	25.4	16.47	4.39	165	0.6	34°48'09" 48°55'31"	220	3.4	UCAC2 21401432	12.10	18 <sup>h</sup> 33 <sup>m</sup> 25.272 <sup>s</sup> −25°51'51.184"	7.7	148	35.7	−2.6	102.7	11.6	87.4	233
2010/02/02 15:17:13	1974 Caupoli- can	26.6	18.69	5.38	240	3.7	32°59'07" 50°28'05"	281	2.7	UCAC2 34774738	13.32	4 <sup>h</sup> 05 <sup>m</sup> 05.295 <sup>s</sup> 8°56'45.744"	44.9	147	107.1	−7.9	117.8	−34.1	83.9	229
2010/02/02 15:39:14	13195 1997 CG6	6.3	16.13	6.95	61	1.0	35°43'42" 50°27'38"	319	2.3	TYC 197702530	9.18	10 <sup>h</sup> 51 <sup>m</sup> 13.255 <sup>s</sup> 23°31'42.242"	1.1	53	154.0	−11.3	32.5	−31.4	83.8	87
2010/02/02 20:42:31	6574 Gvishi- ani	16.6	17.96	4.95	179	2.0	34°03'46" 50°48'18"	298	2.0	UCAC2 46096750	13.03	3 <sup>h</sup> 58 <sup>m</sup> 26.657 <sup>s</sup> 41°05'42.111"	48.1	282	110.9	−54.3	118.0	12.6	81.9	257
2010/02/02 20:58:50	116117 2003 WG137	5.2	18.53	8.36	197	0.5	36°42'27" 51°47'44"	9	0.6	TYC 77500308	10.17	7 <sup>h</sup> 24 <sup>m</sup> 09.773 <sup>s</sup> 14°29'50.001"	53.2	201	155.7	−55.4	73.3	14.8	81.8	210
2010/02/03 02:03:17	804 Hispania	157.2	12.50	0.58	134	10.4	37°18'32" 51°03'28"	33	28.2	UCAC2 42924893	12.87	8 <sup>h</sup> 56 <sup>m</sup> 22.922 <sup>s</sup> 31°43'53.463"	38.6	275	164.7	−29.4	62.3	31.0	79.8	140
2010/02/03 14:39:07	5305 1978 VS5	7.2	16.94	5.58	44	0.6	36°13'24" 50°26'40"	354	2.2	TYC 136700411	11.36	7 <sup>h</sup> 55 <sup>m</sup> 11.688 <sup>s</sup> 18°03'16.320"	14.3	79	162.6	−1.9	77.2	−48.0	74.9	124
2010/02/03 18:48:43	3670 North- cott	13.2	15.96	2.29	116	1.2	36°01'37" 49°01'12"	189	2.7	UCAC2 40014046	13.81	8 <sup>h</sup> 04 <sup>m</sup> 38.214 <sup>s</sup> 23°19'42.242"	55.3	129	163.4	−40.9	79.1	−16.2	73.1	132
2010/02/03 18:56:34	44026 1997 YD11	10.5	17.51	4.01	151	1.2	34°26'26" 50°42'50"	299	1.6	UCAC2 46932978	13.53	6 <sup>h</sup> 00 <sup>m</sup> 26.045 <sup>s</sup> 44°20'38.704"	83.9	208	131.6	−42.0	107.9	−15.0	73.0	204
2010/02/03 20:00:29	2341 Aoluta	10.5	15.22	1.98	90	2.9	36°12'04" 49°14'28"	184	2.7	UCAC2 41869360	13.43	6 <sup>h</sup> 50 <sup>m</sup> 36.915 <sup>s</sup> 28°53'19.078"	68.3	198	145.9	−50.1	97.3	−5.3	72.6	116

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			
		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 (%)	$\sigma_{km}$
2010/02/03 22:44:11	5956 d'Alembert	9.5	16.80	3.82	86	0.7	35°34'32" 49°25'26"	216	2.2	TYC 20900793	13.02	8 <sup>h</sup> 24 <sup>m</sup> 17.586 <sup>s</sup> 7°18'36.197"	42.5	215	165.8	-54.7	72.2	16.5	71.5	143
2010/02/04 02:00:24	7412 Linnaeus	9.5	17.90	4.21	62	0.7	36°45'33" 50°30'53"	33	1.9	TYC 138800418	13.71	8 <sup>h</sup> 05 <sup>m</sup> 38.255 <sup>s</sup> 21°46'39.311"	23.4	276	163.9	-29.7	82.6	26.9	70.1	185
2010/02/04 02:47:28	2007 Mc-Cuskey	21.9	16.55	3.19	137	0.6	36°20'58" 48°48'54"	178	3.7	UCAC2 21813311	13.42	17 <sup>h</sup> 07 <sup>m</sup> 34.001 <sup>s</sup> -24°30'42.784"	5.7	140	57.0	-22.1	56.3	25.6	69.7	165
2010/02/04 16:34:45	1384 Knietje	26.7	15.15	1.67	56	4.0	35°32'57" 49°52'51"	251	9.0	UCAC2 35343684	13.74	5 <sup>h</sup> 44 <sup>m</sup> 06.098 <sup>s</sup> 10°09'10.055"	44.7	142	129.1	-19.7	121.0	-46.6	63.9	102
2010/02/04 19:55:50	9379 Dijon	7.2	17.78	6.18	146	0.8	35°55'47" 48°45'19"	190	1.2	TYC 26100776	11.60	10 <sup>h</sup> 58 <sup>m</sup> 53.837 <sup>s</sup> 5°18'22.124"	26.3	115	151.8	-49.3	47.7	-17.5	62.4	147
2010/02/05 00:12:06	9000 Hal	6.3	17.62	6.18	24	0.6	36°12'36" 49°50'32"	193	2.0	UCAC2 36281229	11.44	7 <sup>h</sup> 24 <sup>m</sup> 11.640 <sup>s</sup> 12°49'00.085"	26.9	257	153.3	-45.5	102.2	15.6	60.4	123
2010/02/05 16:06:03	22682 1998 QU47	5.8	17.73	6.37	179	0.5	36°38'33" 48°27'14"	172	0.7	UCAC2 37890105	11.36	8 <sup>h</sup> 16 <sup>m</sup> 44.961 <sup>s</sup> 17°21'45.613"	25.6	93	165.7	-14.9	100.0	-58.2	53.5	144
2010/02/05 17:58:21	2251 Tikhov	26.4	15.44	2.07	81	2.2	36°04'28" 49°20'07"	191	5.2	UCAC2 35205287	13.54	8 <sup>h</sup> 09 <sup>m</sup> 49.764 <sup>s</sup> 9°31'49.853"	37.5	126	162.6	-32.8	100.1	-45.9	52.7	184
2010/02/05 19:05:02	3812 Lidak-sum	34.0	16.60	4.02	166	3.9	34°04'45" 49°36'59"	253	4.7	UCAC2 36956108	12.60	5 <sup>h</sup> 52 <sup>m</sup> 23.115 <sup>s</sup> 14°36'55.671"	53.8	197	130.8	-42.7	134.2	-36.2	52.2	216
2010/02/05 21:02:05	27748 Vivian-hoette	6.6	16.00	6.77	154	1.2	35°07'24" 48°53'31"	213	0.8	HIP 37180	9.23	7 <sup>h</sup> 38 <sup>m</sup> 21.579 <sup>s</sup> 24°41'15.770"	62.9	207	155.2	-54.7	113.3	-18.3	51.3	99
2010/02/05 21:11:47	65727 1993 FY70	6.3	19.64	7.80	113	0.8	37°14'52" 49°14'32"	143	0.7	UCAC2 46667208	11.84	4 <sup>h</sup> 56 <sup>m</sup> 15.203 <sup>s</sup> 43°17'03.445"	51.9	282	118.7	-55.1	145.0	-16.8	51.2	365
2010/02/06 01:17:47	47710 2000 DJ16	8.7	17.55	7.58	202	1.1	37°48'47" 51°34'52"	33	1.0	TYC 337700160	9.97	6 <sup>h</sup> 34 <sup>m</sup> 37.719 <sup>s</sup> 45°56'40.783"	31.7	305	134.5	-35.9	129.7	13.1	49.4	192
2010/02/06 16:22:28	1626 Sadeya	26.3	14.64	1.67	72	0.6	36°47'30" 50°36'19"	30	6.5	UCAC2 38907398	13.24	0 <sup>h</sup> 02 <sup>m</sup> 28.273 <sup>s</sup> 20°25'57.068"	36.0	259	53.7	-17.3	132.2	-63.1	43.1	141
2010/02/06 19:07:17	307 Nike	55.0	13.87	1.09	17	4.7	36°15'45" 50°11'55"	354	19.1	UCAC2 38795069	13.27	9 <sup>h</sup> 50 <sup>m</sup> 19.695 <sup>s</sup> 19°36'55.626"	41.8	111	171.8	-42.7	94.5	-45.8	41.9	113
2010/02/06 23:22:04	3399 Kobzon	10.5	18.66	7.35	117	1.2	35°25'34" 49°09'39"	212	1.7	TYC 556100629	11.31	14 <sup>h</sup> 14 <sup>m</sup> 18.681 <sup>s</sup> -13°32'21.965"	13.0	130	102.0	-50.7	24.0	-7.7	40.1	213
2010/02/07 18:01:24	83431 2001 SR47	6.6	18.95	8.01	104	0.8	35°04'07" 49°32'11"	237	1.1	TYC 86600775	10.94	12 <sup>h</sup> 05 <sup>m</sup> 56.625 <sup>s</sup> 9°12'34.607"	2.5	79	140.2	-32.8	72.3	-61.9	32.7	210
2010/02/07 18:02:23	481 Emlita	116.0	13.61	0.69	264	3.4	37°27'13" 47°48'00"	162	8.7	UCAC2 32984053	13.74	1 <sup>h</sup> 14 <sup>m</sup> 19.228 <sup>s</sup> 3°38'23.307"	18.1	254	59.9	-32.9	128.8	-61.9	32.7	176
2010/02/07 18:07:18	97769 2000 JS70	5.5	18.08	7.64	105	0.5	36°11'26" 49°06'35"	184	1.0	TYC 78501375	10.44	8 <sup>h</sup> 03 <sup>m</sup> 59.250 <sup>s</sup> 9°37'30.575"	40.4	132	159.6	-33.7	126.5	-61.4	32.6	181
2010/02/07 18:09:24	51286 2000 KX15	9.1	17.83	5.91	241	0.6	35°53'42" 52°11'54"	353	0.9	TYC 198501399	11.92	11 <sup>h</sup> 43 <sup>m</sup> 23.428 <sup>s</sup> 22°44'43.137"	17.6	75	146.4	-34.0	84.0	-61.2	32.6	237
2010/02/07 21:00:35	51063 2000 GO143	6.9	18.26	6.65	230	0.5	37°23'20" 51°59'34"	20	0.7	UCAC2 39671616	11.61	10 <sup>h</sup> 58 <sup>m</sup> 28.817 <sup>s</sup> 22°05'32.651"	50.9	122	156.8	-54.0	94.2	-37.8	31.5	200

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 (%)	$\sigma_{km}$
2010/02/07 23:04:53	6583 Destinn	11.0	15.53	2.25	16	1.0	36°12'41" 49°54'32"	199	2.9	UCAC2 36296078	13.43	9 <sup>h</sup> 39 <sup>m</sup> 52.199 <sup>s</sup> 12°50'55.631"	50.9	204	175.8	-52.0	108.7	-18.8	30.7	152
2010/02/08 00:02:51	6975 Hiroaki	10.5	17.56	3.79	242	0.7	34°53'31" 48°04'34"	204	0.9	UCAC2 35028181	13.81	10 <sup>h</sup> 22 <sup>m</sup> 26.332 <sup>s</sup> 9°16'47.049"	46.4	208	164.9	-45.9	98.2	-10.5	30.3	176
2010/02/08 17:05:50	7023 1992 KE	8.3	17.50	7.12	44	1.3	36°10'29" 49°39'25"	190	2.2	UCAC2 40329699	10.38	6 <sup>h</sup> 32 <sup>m</sup> 49.044 <sup>s</sup> 24°06'43.483"	57.0	131	137.8	-23.8	163.4	-65.0	24.2	146
2010/02/08 21:18:32	4513 Louvre	15.8	16.16	3.70	195	1.8	38°13'59" 51°17'07"	45	1.9	UCAC2 34631150	12.50	7 <sup>h</sup> 12 <sup>m</sup> 36.243 <sup>s</sup> 8°03'27.147"	42.7	217	145.9	-54.5	149.8	-43.3	22.7	160
2010/02/08 21:18:32	4513 Louvre	15.8	16.16	3.58	195	1.8	38°13'59" 51°17'07"	45	1.9	TYC 76203697	12.62	7 <sup>h</sup> 12 <sup>m</sup> 36.243 <sup>s</sup> 8°03'27.147"	42.7	217	145.9	-54.5	149.8	-43.3	22.7	160
2010/02/08 22:30:11	20810 2000 SE266	10.5	16.71	3.53	126	1.0	37°19'14" 50°57'53"	36	1.6	UCAC2 40976615	13.22	4 <sup>h</sup> 12 <sup>m</sup> 54.023 <sup>s</sup> 26°27'21.146"	20.3	287	106.1	-54.0	162.3	-32.2	22.3	213
2010/02/08 22:45:05	3313 Mendel	11.5	16.55	7.63	96	1.0	36°03'00" 49°11'51"	190	2.9	TYC 78401588	8.92	7 <sup>h</sup> 57 <sup>m</sup> 06.881 <sup>s</sup> 10°59'04.725"	40.6	231	157.2	-53.1	142.9	-29.9	22.2	89
2010/02/09 15:33:14	5017 Tenchi	11.0	17.34	6.54	47	1.1	36°08'20" 49°38'08"	193	2.3	UCAC2 36273899	10.80	6 <sup>h</sup> 59 <sup>m</sup> 35.381 <sup>s</sup> 12°50'25.781"	31.6	109	143.0	-8.7	163.0	-48.5	16.9	184
2010/02/09 15:58:24	1790 Volkov	10.5	16.38	2.77	22	1.0	36°15'44" 49°50'57"	184	3.7	UCAC2 41492962	13.70	4 <sup>h</sup> 08 <sup>m</sup> 06.507 <sup>s</sup> 27°41'31.566"	67.4	165	104.5	-12.7	152.4	-52.1	16.7	111
2010/02/09 16:41:47	5519 Lellouch	11.5	16.70	4.79	118	0.9	36°32'15" 49°00'05"	171	2.2	TYC 83000224	11.92	10 <sup>h</sup> 02 <sup>m</sup> 37.940 <sup>s</sup> 9°59'37.408"	11.3	88	171.3	-19.7	123.5	-57.7	16.6	157
2010/02/09 21:26:43	10685 Kharshiv-niver	6.6	17.08	5.46	144	0.6	36°38'11" 51°19'34"	10	1.1	TYC 249300216	11.62	9 <sup>h</sup> 18 <sup>m</sup> 43.741 <sup>s</sup> 32°19'12.200"	72.5	175	161.8	-54.4	140.9	-49.0	15.2	143
2010/02/09 22:37:04	2644 Victor Jara	5.8	17.79	6.29	21	0.9	36°23'52" 50°13'19"	22	1.9	TYC 189700402	11.50	6 <sup>h</sup> 46 <sup>m</sup> 20.820 <sup>s</sup> 26°12'13.347"	42.8	260	139.3	-53.3	175.1	-38.3	14.8	118
2010/02/10 01:16:42	3081 Martinuboh	5.8	18.29	6.61	132	1.1	35°09'38" 49°07'03"	218	1.1	UCAC2 42390851	11.69	6 <sup>h</sup> 31 <sup>m</sup> 24.195 <sup>s</sup> 30°06'51.877"	18.1	296	135.3	-35.1	174.3	-13.8	14.0	140
2010/02/10 14:57:47	31548 1999 DV6	9.5	17.24	6.55	221	1.3	34°13'58" 51°33'18"	319	0.8	TYC 237201048	10.69	4 <sup>h</sup> 28 <sup>m</sup> 16.730 <sup>s</sup> 30°12'21.749"	62.5	126	108.3	-3.0	145.5	-34.3	10.5	148
2010/02/10 17:37:44	108355 2001 KC11	5.5	19.57	8.59	221	1.8	37°05'43" 51°57'43"	15	0.6	TYC 241101359	10.98	5 <sup>h</sup> 28 <sup>m</sup> 37.185 <sup>s</sup> 35°30'31.624"	75.7	178	120.9	-28.4	155.4	-56.8	9.9	263
2010/02/10 23:08:25	104903 2000 JJ9	5.5	17.75	6.27	232	0.7	36°14'48" 47°57'55"	181	0.6	TYC 340601132	11.48	7 <sup>h</sup> 43 <sup>m</sup> 08.308 <sup>s</sup> 46°56'03.306"	58.3	283	139.4	-50.8	154.9	-39.5	8.6	203
2010/02/11 00:02:41	13389 Stacey	10.5	17.95	5.88	181	0.8	37°40'45" 51°24'47"	33	1.4	UCAC2 39390913	12.07	7 <sup>h</sup> 56 <sup>m</sup> 22.023 <sup>s</sup> 21°20'52.927"	36.1	260	154.9	-45.1	171.5	-31.0	8.4	208
2010/02/11 18:44:44	11989 1995 WN5	8.7	16.93	8.62	100	1.0	36°22'37" 49°09'06"	176	2.1	HIP 39276	8.31	8 <sup>h</sup> 01 <sup>m</sup> 52.171 <sup>s</sup> 28°38'00.940"	63.4	135	152.8	-38.2	171.3	-56.1	4.8	102
2010/02/12 04:12:03	1329 Eliane	27.5	15.90	2.56	192	0.8	36°06'29" 48°19'31"	184	3.4	UCAC2 28221140	13.45	17 <sup>h</sup> 18 <sup>m</sup> 19.729 <sup>s</sup> -10°24'51.393"	27.6	160	64.4	-6.8	43.9	2.0	3.3	173
2010/02/12 18:43:25	3313 Mendel	11.5	16.62	4.47	106	1.0	36°18'38" 49°05'49"	179	2.4	UCAC2 35744816	12.17	7 <sup>h</sup> 53 <sup>m</sup> 58.426 <sup>s</sup> 11°03'02.141"	48.3	152	152.9	-37.8	166.5	-47.9	1.6	143

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 (%)	$\sigma_{km}$
2010/02/12 21:30:22	45224 1999 XO209	7.2	16.34	3.97	34	1.2	36°33'39" 49°47'36"	145	2.3	TYC	12.39	7 <sup>h</sup> 00 <sup>m</sup> 54.497 <sup>s</sup> 26°34'54.965"	53.7	244	139.5	-53.5	152.2	-55.2	1.3	120
2010/02/12 22:52:06	46005 2001 CR7	6.3	17.77	6.70	222	0.9	33°52'31" 48°49'20"	232	0.6	TYC	11.07	12 <sup>h</sup> 22 <sup>m</sup> 55.148 <sup>s</sup> 7°31'47.423"	43.3	147	140.8	-51.4	128.1	-48.5	1.3	155
2010/02/13 00:57:26	5219 Zemka	11.5	17.20	3.86	21	2.2	36°08'24" 49°53'17"	211	2.8	UCAC2	13.37	13 <sup>h</sup> 45 <sup>m</sup> 47.951 <sup>s</sup> -8°56'55.389"	30.1	165	116.3	-37.2	104.6	-31.2	1.1	163
2010/02/13 01:24:36	87595 2000 RM30	6.9	17.31	6.34	22	1.0	36°17'34" 50°14'31"	1	1.9	TYC	10.97	6 <sup>h</sup> 20 <sup>m</sup> 43.173 <sup>s</sup> 34°25'16.163"	17.1	304	129.3	-33.1	139.6	-27.0	1.0	143
2010/02/13 15:37:37	2337 Boubin	25.2	17.01	3.33	83	0.6	35°16'56" 50°25'02"	300	4.5	UCAC2	13.73	0 <sup>h</sup> 01 <sup>m</sup> 23.587 <sup>s</sup> -4°54'52.670"	18.2	238	34.0	-8.4	39.4	-11.5	0.2	206
2010/02/13 15:54:19	4622 Solovjova	11.5	16.99	3.78	59	0.8	36°09'49" 50°34'31"	352	2.6	UCAC2	13.24	9 <sup>h</sup> 55 <sup>m</sup> 09.885 <sup>s</sup> 11°35'43.512"	8.6	82	177.6	-11.0	172.6	-14.1	0.2	166
2010/02/13 18:53:14	11303 1993 CA1	7.6	17.00	6.50	131	1.1	37°49'21" 49°25'08"	123	1.4	TYC	10.51	6 <sup>h</sup> 51 <sup>m</sup> 08.557 <sup>s</sup> 31°25'33.086"	71.6	181	135.5	-38.9	138.3	-40.2	0.2	137
2010/02/13 22:41:00	3544 Borodino	10.5	16.88	5.54	193	1.1	35°54'43" 51°45'45"	352	1.0	TYC	11.34	14 <sup>h</sup> 15 <sup>m</sup> 48.412 <sup>s</sup> -5°13'59.489"	18.1	123	111.3	-51.8	109.0	-49.2	0.1	126
2010/02/14 14:57:41	2116 Mt-skheta	19.9	16.70	3.68	129	4.0	37°57'01" 50°31'01"	66	3.6	UCAC2	13.06	5 <sup>h</sup> 48 <sup>m</sup> 24.179 <sup>s</sup> 12°30'49.511"	39.4	123	120.8	-1.9	116.2	4.5	0.3	150
2010/02/14 16:25:14	69896 1998 SE130	5.8	18.93	7.08	199	2.1	35°58'06" 48°16'24"	187	0.7	TYC	11.85	6 <sup>h</sup> 17 <sup>m</sup> 24.783 <sup>s</sup> 20°57'56.866"	54.1	134	128.3	-15.8	122.4	-8.7	0.4	225
2010/02/14 16:36:11	3518 Florena	11.0	17.42	3.90	244	1.1	34°44'08" 48°06'17"	207	0.9	UCAC2	13.55	7 <sup>h</sup> 02 <sup>m</sup> 36.516 <sup>s</sup> 12°53'17.315"	42.9	129	138.8	-17.5	133.5	-10.4	0.4	167
2010/02/14 21:20:50	2883 Barabashov	7.2	16.26	6.59	96	1.1	36°44'41" 50°51'47"	20	1.8	TYC	9.68	7 <sup>h</sup> 51 <sup>m</sup> 32.403 <sup>s</sup> 23°24'04.194"	57.9	223	149.4	-52.6	140.7	-45.3	0.6	94
2010/02/15 01:12:53	19869 4202 P-L	5.2	17.97	6.00	127	0.7	37°00'03" 51°05'24"	24	1.0	UCAC2	11.98	7 <sup>h</sup> 49 <sup>m</sup> 04.394 <sup>s</sup> 28°21'23.722"	26.2	284	147.1	-34.4	136.4	-33.2	0.9	134
2010/02/15 01:49:32	75805 2000 AN236	5.8	18.97	6.50	49	0.7	35°49'37" 49°43'32"	223	1.1	TYC	12.47	7 <sup>h</sup> 10 <sup>m</sup> 33.251 <sup>s</sup> 26°00'18.952"	13.0	295	139.6	-28.8	128.7	-28.2	0.9	196
2010/02/15 02:45:48	13417 1999 VH6	7.9	17.61	6.11	10	1.0	36°16'28" 49°57'20"	185	2.2	TYC	11.51	11 <sup>h</sup> 45 <sup>m</sup> 30.613 <sup>s</sup> -6°30'48.062"	20.8	230	146.1	-19.8	157.5	-19.8	1.0	145
2010/02/15 03:00:25	13364 1998 UK20	11.0	17.21	7.39	159	0.6	38°23'21" 50°31'43"	70	1.7	TYC	9.82	15 <sup>h</sup> 14 <sup>m</sup> 00.935 <sup>s</sup> -20°12'52.258"	19.8	178	94.6	-17.5	105.7	-17.6	1.0	163
2010/02/15 03:26:11	6291 Renzetti	7.6	16.38	5.51	208	0.9	38°21'51" 51°22'22"	45	0.4	TYC	10.88	8 <sup>h</sup> 45 <sup>m</sup> 18.421 <sup>s</sup> 36°48'36.434"	20.8	303	151.4	-13.3	140.2	-13.5	1.1	105
2010/02/15 04:26:08	700 Auravictrix	15.4	15.61	1.84	63	0.5	36°08'57" 49°29'19"	189	4.0	UCAC2	13.99	17 <sup>h</sup> 03 <sup>m</sup> 19.713 <sup>s</sup> -18°00'49.244"	21.7	172	69.8	-3.8	81.0	-4.0	1.1	139
2010/02/16 00:02:29	3544 Borodino	10.5	16.83	7.87	249	1.2	37°38'30" 47°59'34"	157	0.0	TYC	8.96	14 <sup>h</sup> 17 <sup>m</sup> 05.650 <sup>s</sup> -5°08'59.968"	28.6	144	113.0	-43.6	132.3	-39.2	3.3	63
2010/02/16 01:22:09	24418 2000 BA7	10.0	17.29	7.17	250	2.2	38°40'45" 48°25'39"	137	0.7	TYC	10.12	13 <sup>h</sup> 08 <sup>m</sup> 58.627 <sup>s</sup> -3°40'24.651"	36.2	187	129.7	-32.7	150.0	-32.3	3.5	158

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 (%)	$\sigma_{km}$	
2010/02/16 15:14:18	5202 1983 XX	10.2	17.01	4.03	50	0.8	36°13'60'' 50°29'52''	356	3.0 3.3	UCAC2 37839952	13.01	4 <sup>h</sup> 42 <sup>m</sup> 04.903 <sup>s</sup> 17°27'53.651''	54.2	148	103.6	-4.0	76.7	22.1	5.8	124	
2010/02/16 17:24:07	20204 Yuudurunosato	6.9	17.51	7.52	202	1.3	35°30'44'' 48°18'32''	196	0.7 2.1	TYC 135400301	9.99	7 <sup>h</sup> 18 <sup>m</sup> 46.586 <sup>s</sup> 19°50'47.655''	53.7	137	140.6	-24.7	112.4	2.7	6.2	134	
2010/02/16 20:05:37	31074 1996 WY1	6.6	18.51	7.18	143	0.8	35°36'03'' 48°50'41''	200	1.1 1.4	UCAC2 42888120	11.33	4 <sup>h</sup> 39 <sup>m</sup> 11.526 <sup>s</sup> 31°50'04.628''	46.2	267	104.6	-46.8	74.6	-20.8	6.7	185	
2010/02/16 21:08:39	51072 2000 GX159	5.8	19.17	7.52	119	1.3	37°24'48'' 49°16'06''	137	0.9 1.0	TYC 241000187	11.65	5 <sup>h</sup> 59 <sup>m</sup> 00.451 <sup>s</sup> 33°03'16.771''	49.6	265	121.3	-51.5	90.7	-28.1	7.0	228	
2010/02/17 01:13:19	5398 1989 AK1	17.4	15.90	2.77	156	1.6	35°21'08'' 48°46'53''	205	2.7 4.4	UCAC2 38431527	13.21	8 <sup>h</sup> 20 <sup>m</sup> 53.031 <sup>s</sup> 18°37'04.750''	22.9	272	155.0	-33.7	122.8	-32.0	7.9	158	
2010/02/17 03:20:52	24444 2000 OP32	19.1	18.94	5.77	200	0.8	34°23'57'' 48°44'11''	223	1.6 1.9	UCAC2 20665284	13.17	16 <sup>h</sup> 55 <sup>m</sup> 29.008 <sup>s</sup> -27°27'41.700''	10.5	162	72.6	-13.6	105.9	-18.0	8.3	410	
2010/02/17 16:57:11	10836 1994 CS2	8.3	17.20	5.22	44	0.9	35°44'43'' 50°14'46''	300	2.2 2.3	UCAC2 36593713	11.99	5 <sup>h</sup> 27 <sup>m</sup> 44.758 <sup>s</sup> 13°54'20.949''	54.0	174	113.0	-20.1	75.0	17.2	11.6	145	
2010/02/17 22:23:44	1991 Darwin	8.7	16.58	5.47	59	0.6	36°38'21'' 50°31'30''	25	2.6 3.0	TYC 140300809	11.12	9 <sup>h</sup> 29 <sup>m</sup> 23.122 <sup>s</sup> 15°46'51.925''	53.1	209	170.6	-51.3	128.4	-26.2	13.0	117	
2010/02/18 01:48:19	20909 4026 P-L	8.7	17.36	7.01	191	0.6	38°45'43'' 50°42'31''	67	1.1 2.2	TYC 674700221	10.35	14 <sup>h</sup> 50 <sup>m</sup> 13.428 <sup>s</sup> -23°04'05.958''	16.3	169	102.1	-28.1	145.9	-27.5	14.0	157	
2010/02/18 02:38:45	9196 Suka-gawa	7.2	16.06	4.89	200	0.7	38°20'20'' 51°17'03''	47	0.3 3.0	TYC 140500534	11.18	9 <sup>h</sup> 18 <sup>m</sup> 07.229 <sup>s</sup> 19°33'53.109''	18.4	279	166.2	-20.1	122.1	-23.3	14.2	96	
2010/02/18 16:26:29	17518 Redqueen	6.9	17.85	6.26	229	0.8	38°28'32'' 48°33'41''	137	0.5 1.9	UCAC2 40474046	11.59	5 <sup>h</sup> 06 <sup>m</sup> 02.710 <sup>s</sup> 24°35'46.747''	64.5	169	108.0	-15.0	57.5	32.1	18.4	146	
2010/02/18 17:17:36	1988 Delores	23.6	18.03	5.10	101	1.1	35°55'22'' 50°55'14''	345	5.1 6.6	UCAC2 37655502	12.94	3 <sup>h</sup> 29 <sup>m</sup> 52.897 <sup>s</sup> 16°58'55.898''	48.4	229	84.6	-23.1	34.4	24.5	18.6	143	
2010/02/18 18:37:49	58 Concordia	93.4	13.73	0.67	107	14.5	35°40'19'' 50°55'19''	336	19.9 26.5	UCAC2 38025778	13.90	5 <sup>h</sup> 19 <sup>m</sup> 08.282 <sup>s</sup> 17°38'53.253''	52.3	220	110.3	-35.4	59.8	12.2	19.0	138	
2010/02/18 20:34:57	12545 1998 QT19	5.8	18.45	6.51	241	0.7	38°30'49'' 51°41'49''	41	0.5 1.4	TYC 136000707	11.94	7 <sup>h</sup> 33 <sup>m</sup> 14.741 <sup>s</sup> 16°31'37.045''	52.9	213	142.1	-48.8	90.5	-5.0	19.7	169	
2010/02/18 21:59:20	47073 1998 XP95	8.3	18.52	7.14	166	0.7	36°52'37'' 51°29'39''	15	1.2 1.8	TYC 501500461	11.38	15 <sup>h</sup> 28 <sup>m</sup> 19.249 <sup>s</sup> -5°51'01.272''	3.7	104	98.6	-51.5	146.9	-15.3	20.2	189	
2010/02/19 02:08:58	500 Selinur	43.9	14.71	2.64	125	3.8	37°52'51'' 50°30'41''	66	7.9 10.4	UCAC2 20169403	12.17	14 <sup>h</sup> 57 <sup>m</sup> 26.639 <sup>s</sup> -28°11'29.863''	11.6	174	99.9	-24.6	154.8	-24.1	21.6	168	
2010/02/19 17:08:59	1250 Galan-thus	21.0	17.19	3.54	246	0.8	37°32'56'' 52°06'22''	21	1.7 5.0	UCAC2 40460407	13.69	2 <sup>h</sup> 12 <sup>m</sup> 57.162 <sup>s</sup> 24°48'14.492''	44.3	255	69.0	-21.5	8.5	36.1	27.0	168	
2010/02/19 17:13:50	18285 1972 GJ	11.5	17.78	4.28	94	0.5	36°07'06'' 50°53'03''	353	2.1 2.4	UCAC2 39609845	13.52	2 <sup>h</sup> 46 <sup>m</sup> 03.373 <sup>s</sup> 22°27'48.546''	46.9	246	75.2	-22.3	12.8	35.4	27.0	191	
2010/02/19 17:43:53	28546 2000 EE20	10.5	17.97	4.32	77	1.4	36°58'55'' 50°34'39''	40	1.9 2.0	UCAC2 35734331	13.67	7 <sup>h</sup> 08 <sup>m</sup> 33.915 <sup>s</sup> 11°23'23.188''	49.5	157	135.2	-27.0	75.1	30.9	27.1	205	
2010/02/19 19:41:07	31835 2000 BK16	19.1	18.90	5.10	172	0.7	36°27'34'' 51°35'10''	4	1.4 1.5	UCAC2 33508462	13.81	2 <sup>h</sup> 12 <sup>m</sup> 09.279 <sup>s</sup> 5°20'00.313''	5.3	272	62.0	-43.3	12.6	13.0	27.9	501	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 6		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 (%)	$\sigma_{km}$
2010/02/19 20:13:33	49591 DO2	15.1	16.51	4.08	250	2.4	37°44'38" 48°01'06"	155	1.3 3.1	UCAC2 47308314	12.46	7 <sup>h</sup> 27 <sup>m</sup> 14.555 <sup>s</sup> 45°30'03.169"	77.5	256	130.9	-46.6	71.2	8.1	28.1	192
2010/02/19 23:25:41	28736 GE133	6.9	15.81	5.69	51	0.7	36°52'06" 50°18'49"	55	2.5 2.9	TYC 85300235	10.13	11 <sup>h</sup> 03 <sup>m</sup> 15.654 <sup>s</sup> 14°29'01.153"	53.4	199	167.1	-46.3	123.6	-15.2	29.3	95
2010/02/20 00:00:08	15735 Andak-erkhoven	6.9	18.98	6.41	168	1.3	38°26'01" 50°41'18"	65	1.0 1.4	TYC 31101601	12.58	13 <sup>h</sup> 46 <sup>m</sup> 01.460 <sup>s</sup> 3°07'53.439"	40.2	153	126.5	-42.7	157.7	-17.8	29.5	197
2010/02/20 18:07:51	1668 Hanna	12.0	17.38	3.69	129	1.2	35°48'28" 51°10'07"	345	2.1 2.8	UCAC2 38022887	13.73	5 <sup>h</sup> 02 <sup>m</sup> 42.919 <sup>s</sup> 17°44'32.191"	53.0	218	104.4	-30.4	31.4	37.6	36.8	169
2010/02/20 18:57:44	27163 AA7	5.5	18.08	10.52	126	0.7	36°09'16" 48°55'13"	184	0.9 2.4	HIP 26272	7.56	5 <sup>h</sup> 35 <sup>m</sup> 40.524 <sup>s</sup> 21°24'11.653"	54.3	227	112.4	-37.6	38.0	30.0	37.2	92
2010/02/20 19:56:08	6670 Wallach	13.2	17.51	6.35	21	1.6	36°01'15" 50°07'05"	293	1.9 1.9	TYC 129900107	11.17	5 <sup>h</sup> 48 <sup>m</sup> 17.192 <sup>s</sup> 15°00'58.198"	43.1	236	114.9	-44.6	41.8	21.0	37.6	278
2010/02/20 21:07:25	13823 VO72	11.5	17.42	4.00	173	1.2	36°19'32" 48°29'41"	179	1.6 2.6	UCAC2 40682146	13.45	7 <sup>h</sup> 59 <sup>m</sup> 38.476 <sup>s</sup> 25°21'44.940"	59.4	226	144.6	-50.0	68.5	10.4	38.1	177
2010/02/20 21:48:28	196 Philomela	136.3	11.67	2.80	141	22.6	37°02'24" 51°13'10"	22	11.6 73.7	HIP 36221	8.95	7 <sup>h</sup> 27 <sup>m</sup> 32.749 <sup>s</sup> 29°18'48.243"	52.3	253	136.6	-50.9	60.4	4.7	38.4	61
2010/02/21 15:35:06	3796 Lene	13.8	16.21	4.33	56	1.2	36°16'55" 50°32'59"	360	3.6 3.8	UCAC2 35392710	11.90	8 <sup>h</sup> 48 <sup>m</sup> 28.862 <sup>s</sup> 10°13'07.451"	20.3	98	157.8	-6.0	74.4	63.3	46.0	144
2010/02/21 16:27:14	9885 Linux	6.0	17.15	5.56	88	1.8	35°27'08" 49°28'21"	223	1.6 2.2	UCAC2 36453175	11.60	7 <sup>h</sup> 11 <sup>m</sup> 51.768 <sup>s</sup> 13°11'45.959"	44.4	132	134.2	-14.3	50.9	59.9	46.3	112
2010/02/21 17:00:14	7632 Stanislav	5.2	17.09	5.32	62	2.1	35°57'45" 49°32'07"	202	1.7 2.0	TYC 136001725	11.78	7 <sup>h</sup> 29 <sup>m</sup> 50.538 <sup>s</sup> 16°09'03.365"	48.7	134	138.5	-19.6	53.8	56.5	46.5	104
2010/02/21 17:14:19	43427 YS12	2000 5.2	18.10	8.02	210	2.1	33°50'29" 49°01'34"	237	0.6 1.3	TYC 131700379	10.08	6 <sup>h</sup> 06 <sup>m</sup> 15.991 <sup>s</sup> 18°06'51.495"	58.0	171	118.5	-21.9	33.6	54.8	46.9	165
2010/02/21 21:21:35	1416 Renauxa	28.9	15.38	3.37	151	3.7	38°23'34" 50°11'35"	84	4.6 7.3	TYC 241201138	12.06	5 <sup>h</sup> 39 <sup>m</sup> 05.365 <sup>s</sup> 34°51'33.622"	42.3	277	112.1	-50.2	25.3	18.2	48.6	158
2010/02/22 00:35:46	34502 SE157	2000 8.3	17.17	5.77	181	1.9	37°02'16" 51°35'53"	17	1.0 2.5	TYC 77001032	11.40	7 <sup>h</sup> 12 <sup>m</sup> 37.047 <sup>s</sup> 12°47'12.564"	10.5	277	134.0	-37.5	46.5	-6.4	50.2	134
2010/02/22 03:21:10	10806 Mexico	7.9	17.43	6.05	20	0.9	36°01'34" 49°58'21"	246	2.1 2.1	TYC 86600219	11.38	12 <sup>h</sup> 14 <sup>m</sup> 04.464 <sup>s</sup> 7°55'59.492"	28.2	247	151.9	-12.2	114.5	-15.4	51.3	151
2010/02/22 15:57:00	47940 HE59	2000 7.9	17.93	6.12	249	1.4	34°14'02" 48°15'23"	216	0.8 1.4	TYC 16700612	11.81	7 <sup>h</sup> 09 <sup>m</sup> 56.539 <sup>s</sup> 2°08'10.636"	31.7	132	131.5	-9.2	43.3	65.5	56.9	219
2010/02/22 19:17:22	3275 Oberndorfer	16.0	16.36	2.99	161	1.8	36°03'26" 51°29'20"	354	1.9 5.9	UCAC2 42925264	13.44	9 <sup>h</sup> 04 <sup>m</sup> 30.522 <sup>s</sup> 31°39'44.921"	67.5	137	151.7	-39.5	56.1	46.9	58.5	107
2010/02/22 20:16:11	1799 Koussevitzky	23.3	16.46	3.23	29	2.2	36°25'26" 49°48'21"	160	4.6 4.6	UCAC2 35699354	13.29	5 <sup>h</sup> 11 <sup>m</sup> 04.290 <sup>s</sup> 11°24'14.840"	30.8	249	103.5	-45.9	15.0	38.0	58.9	201
2010/02/22 21:39:21	5928 Pindarus	17.4	17.49	6.17	114	2.9	37°20'29" 50°49'15"	41	2.8 3.2	TYC 496201161	11.32	13 <sup>h</sup> 29 <sup>m</sup> 00.826 <sup>s</sup> -3°46'41.436"	22.1	126	131.8	-50.1	126.7	25.2	59.4	218
2010/02/22 22:43:02	67108 AB100	2000 5.8	19.17	8.24	111	0.5	36°30'16" 51°02'19"	8	1.1 1.3	TYC 559700509	10.93	15 <sup>h</sup> 47 <sup>m</sup> 08.551 <sup>s</sup> -8°29'59.406"	7.8	113	97.4	-48.5	156.4	15.7	60.1	179

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		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 (%)	$\sigma_{km}$
2010/02/22 23:34:03	782 Montefiore	11.9	15.31	1.80	5	1.6	36°14'26'' 50°04'55''	320	4.3	UCAC2 41157159	13.74	5 <sup>h</sup> 33 <sup>m</sup> 11.361 <sup>s</sup> 26°48'04.219''	14.7	294	109.9	-44.5	8.1	8.6	60.4	110
2010/02/23 01:13:52	1287 Lorcía	27.0	16.89	3.75	105	1.4	35°54'53'' 49°08'07''	195	4.7	UCAC2 25336716	13.18	16 <sup>h</sup> 39 <sup>m</sup> 26.032 <sup>s</sup> −17°09'21.239''	13.3	139	83.5	-31.8	170.1	-3.4	61.2	197
2010/02/23 02:27:19	1796 Riga	73.8	16.11	4.85	145	1.9	36°57'27'' 48°49'06''	161	9.6	UCAC2 30908633	11.27	19 <sup>h</sup> 27 <sup>m</sup> 18.762 <sup>s</sup> −2°52'49.405''	13.0	111	44.5	-20.5	139.0	-9.9	61.7	262
2010/02/23 03:02:46	27736 Ekaterinburg	10.5	19.19	5.80	33	0.5	36°30'23'' 49°47'00''	152	1.5	UCAC2 19209799	13.39	17 <sup>h</sup> 11 <sup>m</sup> 17.003 <sup>s</sup> −30°17'09.759''	7.2	160	75.0	-14.8	175.2	-12.1	62.0	270
2010/02/23 16:17:30	7466 1989 VC2	22.5	17.23	7.23	50	1.5	36°41'42'' 49°40'49''	144	4.5	TYC 142200155	10.00	10 <sup>h</sup> 08 <sup>m</sup> 51.693 <sup>s</sup> 18°27'38.118''	21.6	87	170.2	-12.2	62.0	64.2	67.9	195
2010/02/23 19:14:47	8373 Stephen-gould	5.8	16.03	6.04	102	2.0	37°42'25'' 50°09'29''	83	1.2	HIP 73955	9.99	15 <sup>h</sup> 06 <sup>m</sup> 49.990 <sup>s</sup> 82°45'23.063''	47.2	10	102.1	-38.9	70.2	55.6	69.4	74
2010/02/24 16:36:17	60864 2000 HM75	8.3	18.27	7.07	236	0.5	37°40'02'' 51°58'46''	25	0.9	TYC 547700638	11.20	10 <sup>h</sup> 05 <sup>m</sup> 07.450 <sup>s</sup> −9°05'17.694''	4.6	110	160.5	-15.0	59.3	59.3	78.1	232
2010/02/24 17:38:35	10135 1993 LZ1	6.0	17.78	5.66	187	1.8	36°15'25'' 51°43'24''	359	0.7	TYC 135100024	12.13	7 <sup>h</sup> 25 <sup>m</sup> 35.615 <sup>s</sup> 17°34'20.850''	55.3	153	134.4	-24.9	11.1	63.5	78.6	136
2010/02/24 19:33:50	798 Ruth	43.2	14.18	0.87	23	4.1	36°28'35'' 50°13'06''	35	12.0	UCAC2 33747064	13.96	8 <sup>h</sup> 31 <sup>m</sup> 04.824 <sup>s</sup> 5°44'12.521''	45.8	175	150.1	-40.9	29.9	58.9	79.3	141
2010/02/25 16:40:44	17141 1999 JV94	5.2	18.21	6.52	114	0.8	37°17'40'' 49°15'20''	141	1.1	TYC 187600358	11.70	6 <sup>h</sup> 01 <sup>m</sup> 32.114 <sup>s</sup> 29°14'30.496''	68.5	160	113.4	-15.5	25.0	50.1	87.1	144
2010/02/25 17:43:42	3871 Reiz	13.2	16.43	2.68	235	1.3	35°25'52'' 48°00'35''	195	1.2	UCAC2 31327680	13.85	8 <sup>h</sup> 56 <sup>m</sup> 06.173 <sup>s</sup> −1°11'33.187''	30.2	137	153.5	-25.4	27.4	56.9	87.4	167
2010/02/25 19:39:22	22338 Janemajo	6.3	19.46	8.50	60	0.6	36°57'47'' 50°22'08''	53	1.2	TYC 77301104	10.96	7 <sup>h</sup> 34 <sup>m</sup> 02.198 <sup>s</sup> 12°24'53.442''	51.1	201	135.5	-41.2	9.1	59.7	88.1	209
2010/02/25 19:57:30	5550 1981 UB1	12.0	16.59	3.79	174	2.6	37°15'29'' 51°28'51''	24	1.6	UCAC2 38967659	12.83	8 <sup>h</sup> 00 <sup>m</sup> 24.925 <sup>s</sup> 20°08'57.407''	59.1	200	141.1	-43.2	1.5	58.7	88.2	142
2010/02/26 18:24:44	4853 Marielukac	10.0	17.73	4.39	14	1.4	36°09'43'' 49°57'18''	221	2.3	UCAC2 38061070	13.36	7 <sup>h</sup> 22 <sup>m</sup> 30.682 <sup>s</sup> 17°50'10.523''	58.0	177	131.6	-31.3	21.0	51.0	94.4	172
2010/02/26 18:58:10	44895 1999 VL9	5.5	18.36	6.55	41	0.6	35°47'40'' 49°52'02''	240	1.1	UCAC2 30001879	11.81	7 <sup>h</sup> 56 <sup>m</sup> 01.655 <sup>s</sup> −5°09'28.858''	34.9	178	137.3	-35.9	25.0	53.6	94.5	197
2010/02/26 22:16:44	24797 1994 PD2	5.2	19.12	10.23	61	0.7	37°07'17'' 49°55'26''	103	1.7	HIP 69682	8.89	14 <sup>h</sup> 15 <sup>m</sup> 49.850 <sup>s</sup> −27°20'55.164''	2.3	140	116.4	-48.2	87.3	46.4	95.3	108
2010/02/26 22:28:39	2058 Roka	21.4	15.91	2.52	181	1.6	35°03'12'' 48°38'07''	209	2.8	UCAC2 37540097	13.50	9 <sup>h</sup> 47 <sup>m</sup> 23.079 <sup>s</sup> 16°20'03.062''	51.6	217	165.2	-47.8	11.5	45.0	95.3	168
2010/02/27 01:55:53	584 Semi-ramis	54.0	13.87	1.10	176	2.3	34°43'37'' 48°49'55''	219	7.4	UCAC2 19212772	13.26	17 <sup>h</sup> 16 <sup>m</sup> 04.301 <sup>s</sup> −30°27'09.172''	3.2	149	77.9	-24.2	124.4	14.0	96.1	167
2010/02/27 17:30:26	3275 Oberndorfer	16.0	16.45	4.57	217	2.0	35°09'20'' 51°51'27''	338	0.8	UCAC2 42925039	11.90	8 <sup>h</sup> 59 <sup>m</sup> 41.110 <sup>s</sup> 31°41'52.506''	56.2	108	146.6	-22.8	23.9	32.9	98.5	109
2010/02/28 15:21:09	65097 2002 CC4	15.8	19.43	5.61	100	0.6	37°26'22'' 49°32'34''	124	1.2	UCAC2 31620780	13.83	3 <sup>h</sup> 28 <sup>m</sup> 52.067 <sup>s</sup> 0° −17'18.671''	38.7	196	71.0	-1.9	106.9	0.8	99.9	537



Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1	Page 8		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 (%)	$\sigma_{km}$	
2010/02/28 17:50:33	14390 QP10	12.6	18.10	4.39	214	2.7	33°50'26'' 48°58'08''	236	1.4 2.1	UCAC2 42559195	13.73	6 <sup>h</sup> 06 <sup>m</sup> 02.928 <sup>s</sup> 30°56'14.387''	69.5	207	111.2	-25.6	23.0	99.9	236
2010/02/28 19:19:49	13558 PR6	7.9	18.62	6.82	218	1.5	33°14'41'' 50°00'08''	269	0.9 1.6	UCAC2 42563371	11.81	6 <sup>h</sup> 27 <sup>m</sup> 53.655 <sup>s</sup> 30°32'52.435''	61.7	237	115.9	-38.0	34.2	99.9	204
2010/02/28 20:27:18	1824 Haworth	22.6	15.64	2.45	113	2.5	36°42'02'' 51°01'29''	15	4.7 6.8	UCAC2 38434384	13.31	9 <sup>h</sup> 06 <sup>m</sup> 55.001 <sup>s</sup> 18°55'50.434''	58.9	189	153.5	-44.8	40.2	99.8	133