

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: 184

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 (%)	σ_{km}
2010/01/01 03:16:26	1016 Anitra	13.2	15.54	2.77	20	4.6	36°12'43" 49°52'21"	195	5.3 5.4	UCAC2 36825918	12.86	10 ^h 58 ^m 44.651 ^s 14°07'56.311"	50.3	213	119.8	-20.7	55.6	24.0	99.8	97
2010/01/01 15:27:16	1102 Pepita	39.3	14.25	0.99	28	2.8	36°40'35" 50°00'59"	97	10.2 10.4	UCAC2 33007582	13.82	6 ^h 23 ^m 39.068 ^s 3°34'33.291"	4.9	90	159.7	-15.7	25.4	6.9	99.0	150
2010/01/01 18:58:50	47132 1999 CD154	7.2	17.44	5.32	141	0.8	35°29'59" 51°12'51"	337	1.1 1.5	TYC 248400424	12.13	8 ^h 37 ^m 25.304 ^s 31°37'07.908"	38.0	84	154.3	-49.0	15.7	38.3	98.6	197
2010/01/01 19:11:23	74467 1999 CG44	7.6	17.96	6.63	119	0.6	35°46'02" 51°04'04"	342	1.2 1.4	TYC 292301253	11.34	5 ^h 49 ^m 50.057 ^s 44°25'38.342"	74.2	102	155.3	-50.8	34.1	40.2	98.5	212
2010/01/01 19:39:05	6210 Hyun-seop	10.5	16.49	2.70	247	0.9	36°13'20" 52°15'58"	359	0.7 2.9	UCAC2 39108910	13.88	5 ^h 54 ^m 39.436 ^s 20°56'23.984"	58.4	150	167.4	-54.5	26.7	44.2	98.5	144
2010/01/01 19:56:16	542 Susanna	41.6	13.54	1.04	205	3.2	35°45'28" 48°14'35"	191	3.5 13.3	UCAC2 34820665	13.02	7 ^h 12 ^m 42.552 ^s 8°54'22.864"	41.4	137	164.8	-56.6	14.7	46.5	98.4	124
2010/01/01 21:35:33	6181 Bobweber	7.2	16.16	3.39	114	1.2	34°50'05" 49°37'34"	246	1.4 3.2	TYC 178901031	12.82	2 ^h 55 ^m 06.986 ^s 26°52'44.942"	40.7	264	127.3	-63.1	67.8	57.5	98.2	92
2010/01/01 22:51:11	28887 2000 KQ58	6.9	15.95	5.36	87	0.7	35°27'32" 49°28'28"	223	1.9 2.9	TYC 193000496	10.59	8 ^h 00 ^m 55.367 ^s 24°49'19.063"	65.0	181	163.5	-59.5	4.9	60.2	98.0	97
2010/01/02 01:53:30	4156 Okadan-aboru	12.6	14.72	3.00	166	1.3	35°43'06" 48°36'17"	194	1.4 4.8	UCAC2 43948688	11.79	6 ^h 52 ^m 31.730 ^s 34°45'24.441"	42.5	276	168.1	-34.0	22.3	43.3	97.6	106
2010/01/02 03:12:31	26215 1997 VM2	6.9	18.00	8.08	120	0.5	35°54'55" 48°59'56"	193	1.2 1.5	TYC 17700771	9.92	7 ^h 29 ^m 09.681 ^s 7°17'32.945"	16.0	262	161.7	-21.4	15.4	31.3	97.4	186
2010/01/02 17:49:17	19994 Tresini	6.9	16.88	5.14	58	0.6	36°44'53" 49°37'22"	145	2.0 2.2	UCAC2 42042345	11.75	6 ^h 38 ^m 05.485 ^s 29°11'00.006"	45.0	97	172.8	-38.2	31.9	15.3	94.5	127
2010/01/03 00:26:30	17284 2000 MJ5	10.0	15.92	3.73	231	0.8	37°00'03" 52°04'15"	13	0.6 3.2	UCAC2 43428418	12.22	6 ^h 37 ^m 07.299 ^s 33°09'51.347"	52.4	261	169.0	-47.6	37.5	54.0	92.8	124
2010/01/03 01:20:08	15143 2000 EX108	11.5	17.52	7.91	136	1.7	35°56'37" 51°14'45"	350	1.9 2.5	HIP 56513	9.61	11 ^h 35 ^m 08.645 ^s 2°50'58.277"	41.3	160	109.2	-39.4	39.2	50.1	92.6	181
2010/01/03 01:24:45	6524 Baalke	12.6	14.84	2.64	230	1.0	39°22'14" 50°40'46"	72	0.6 4.3	TYC 16101836	12.30	6 ^h 54 ^m 40.138 ^s 6°08'21.949"	25.9	247	163.3	-38.6	32.8	49.7	92.6	116
2010/01/03 02:11:55	7877 1992 AH1	6.3	16.12	3.93	19	0.8	36°28'43" 50°10'10"	45	2.0 2.0	TYC 246501950	12.22	7 ^h 30 ^m 19.250 ^s 36°10'09.518"	45.9	275	164.5	-31.1	30.6	44.3	92.3	125
2010/01/03 02:54:49	1484 Postrema	44.9	14.75	1.79	224	4.3	39°22'20" 49°42'46"	100	2.5 15.2	UCAC2 44484466	13.19	9 ^h 28 ^m 03.473 ^s 36°15'04.136"	57.9	260	144.2	-24.2	22.6	38.6	92.2	117
2010/01/03 16:02:09	12736 1991 VC3	5.8	16.01	4.11	100	0.5	35°36'03" 50°50'04"	331	1.4 2.3	TYC 340301265	11.92	7 ^h 01 ^m 11.916 ^s 50°38'56.441"	38.7	54	152.0	-20.9	50.9	-12.2	88.3	101
2010/01/03 18:22:25	51086 2000 GX172	8.3	18.37	6.55	187	0.5	36°36'11" 51°42'49"	7	1.0 1.4	TYC 19301352	11.82	7 ^h 54 ^m 45.958 ^s 7°07'38.154"	22.3	106	159.1	-43.2	27.1	7.5	87.5	238
2010/01/03 18:57:32	2071 Nadezhda	7.2	16.75	5.81	177	0.6	37°03'54" 48°32'42"	162	0.7 2.6	TYC 186801062	10.94	6 ^h 03 ^m 47.323 ^s 26°04'37.775"	58.5	129	167.4	-48.5	54.4	12.9	87.3	111
2010/01/03 20:36:24	54286 2000 JD51	6.9	18.36	6.85	223	0.6	36°26'22" 52°02'41"	3	0.7 1.3	TYC 248801479	11.51	8 ^h 57 ^m 17.241 ^s 32°59'27.493"	52.7	100	151.7	-60.3	25.9	27.7	86.7	209

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 (%)	σ_{km}
2010/01/04 03:09:46	2341 Aoluta	10.5	14.37	1.54	156	1.3	37°57'06'' 50°57'54''	49	1.3	UCAC2 41529688	13.14	7 ^h 20 ^m 46.752 ^s 27°46'25.162''	28.9	280	172.9	-21.8	43.1	38.6	84.4	102
2010/01/04 17:32:37	19006 2000 RY65	5.0	17.32	5.48	230	0.6	35°18'02'' 48°04'59''	198	0.3	TYC 10900049	11.85	5 ^h 25 ^m 20.228 ^s 3°55'23.731''	34.2	133	150.2	-35.2	77.3	-12.3	79.0	120
2010/01/04 22:44:56	13294 1998 QO105	5.0	17.03	6.24	247	0.5	35°07'09'' 47°58'01''	200	0.1	UCAC2 42556178	10.80	5 ^h 54 ^m 03.891 ^s 30°38'29.098''	58.5	245	162.8	-59.9	74.0	32.5	76.8	103
2010/01/05 01:09:16	2825 Crosby	17.7	15.61	2.41	136	4.2	36°57'23'' 51°11'41''	21	2.5	UCAC2 41843477	13.33	5 ^h 00 ^m 52.897 ^s 28°35'37.338''	25.9	284	152.0	-41.1	87.1	42.6	75.7	91
2010/01/05 02:07:47	3882 Johncox	8.3	16.77	5.22	113	0.6	35°43'08'' 49°06'22''	201	1.7	TYC 76000031	11.56	6 ^h 58 ^m 10.798 ^s 14°58'54.548''	25.4	263	172.3	-31.7	59.6	41.9	75.4	134
2010/01/05 02:41:26	19740 2000 AG138	6.6	17.22	6.07	182	0.5	34°13'30'' 49°06'34''	235	0.8	TYC 244101282	11.15	7 ^h 01 ^m 37.620 ^s 32°43'07.383''	33.2	283	169.8	-26.3	62.6	40.2	75.1	145
2010/01/05 03:31:41	70037 1999 CX64	5.2	17.53	5.74	151	0.5	37°42'26'' 51°03'33''	42	0.8	UCAC2 35172399	11.79	6 ^h 24 ^m 33.236 ^s 9°54'04.527''	2.7	282	164.3	-18.3	68.3	36.0	74.8	190
2010/01/05 04:42:01	1658 Innes	16.4	16.66	3.35	47	0.5	35°51'36'' 49°43'31''	220	3.6	UCAC2 29467637	13.36	14 ^h 37 ^m 48.605 ^s −6°53'46.197''	32.8	171	65.6	-7.7	55.0	27.8	74.3	176
2010/01/05 13:53:12	363 Padua	52.2	14.00	2.42	133	3.2	34°46'08'' 50°44'39''	306	9.4	UCAC2 33333890	11.70	1 ^h 11 ^m 55.175 ^s 4°41'17.085''	38.9	143	93.4	-1.6	151.7	-40.8	70.4	152
2010/01/05 17:29:14	2776 Baikal	10.5	17.17	4.68	124	0.8	35°41'06'' 51°05'32''	340	2.0	UCAC2 33334034	12.51	1 ^h 15 ^m 48.399 ^s 4°35'46.034''	40.1	213	94.1	-34.6	152.7	-24.7	68.8	141
2010/01/05 19:18:41	2411 Zellner	9.3	16.00	4.15	62	0.9	36°10'59'' 50°35'50''	353	3.0	UCAC2 39450572	11.88	5 ^h 49 ^m 28.646 ^s 21°49'47.913''	59.3	150	162.3	-51.2	86.5	-9.0	68.0	102
2010/01/05 19:36:43	3263 Bligh	8.3	17.37	6.15	224	0.6	35°05'58'' 51°54'46''	338	0.6	UCAC2 33507223	11.22	1 ^h 35 ^m 34.203 ^s 5°06'06.678''	27.7	242	98.8	-53.6	148.9	-6.3	67.9	133
2010/01/05 21:58:37	515 Athalia	38.2	15.21	4.05	199	3.7	36°50'58'' 51°48'03''	12	3.5	TYC 138601139	11.19	8 ^h 18 ^m 22.115 ^s 19°22'26.249''	57.8	156	162.9	-62.5	53.5	14.9	66.8	125
2010/01/05 23:20:47	1745 Ferguson	13.2	15.63	1.92	62	1.1	36°39'38'' 50°33'14''	25	3.5	UCAC2 40670386	13.91	6 ^h 47 ^m 36.763 ^s 25°02'09.556''	56.1	234	174.9	-56.3	76.1	25.5	66.2	133
2010/01/06 01:46:07	3195 Fed-chenko	11.0	16.76	3.60	255	0.9	38°06'23'' 52°01'38''	31	0.7	UCAC2 39986105	13.20	6 ^h 01 ^m 28.019 ^s 23°26'22.577''	25.3	277	164.9	-35.2	87.7	36.0	65.1	155
2010/01/06 15:16:05	22648 1998 OG9	5.5	18.22	6.32	78	0.6	36°36'46'' 49°22'39''	163	1.2	UCAC2 38566664	11.90	5 ^h 05 ^m 08.263 ^s 19°28'52.436''	30.9	96	150.8	-13.3	108.3	-46.6	59.0	162
2010/01/06 20:42:37	6991 Chichibu	7.9	17.33	5.45	163	1.1	36°42'11'' 51°29'21''	11	1.1	UCAC2 36296667	11.89	9 ^h 53 ^m 45.998 ^s 12°54'16.806''	32.0	109	140.1	-60.3	43.0	-8.2	56.6	132
2010/01/07 18:06:02	51177 2000 HM70	6.0	18.29	7.07	89	0.6	36°54'28'' 49°21'12''	150	1.1	TYC 241300135	11.22	5 ^h 45 ^m 24.743 ^s 35°01'41.111''	62.9	111	156.7	-40.1	114.6	-42.2	46.8	202
2010/01/07 20:53:32	87158 2000 NP22	6.3	15.82	4.12	194	0.6	38°02'53'' 48°44'19''	139	0.5	TYC 188601116	11.73	6 ^h 20 ^m 12.642 ^s 28°02'21.229''	68.2	185	166.3	-60.9	108.5	-18.1	45.5	109
2010/01/07 23:11:59	2850 Mozhaiskij	13.8	15.29	3.97	25	2.0	36°33'10'' 50°11'18''	50	4.9	UCAC2 38386072	11.35	4 ^h 57 ^m 33.564 ^s 18°41'46.545''	35.1	257	147.6	-57.1	128.0	2.4	44.5	110

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		Asteroid			Nearest point			Star			Sun			Moon						
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2010/01/07 23:28:25	3195 Fed-chenko	11.0	16.81	4.45	252	0.9	35°09'13" 47°54'24"	199	0.8	UCAC2 39985740	12.38	5 ^h 59 ^m 49.986 ^s 23°25'56.678"	45.8	250	162.5	-55.3	114.0	4.7	44.4	155
2010/01/08 00:01:51	4548 Wielen	6.0	17.10	5.83	155	0.7	35°22'25" 48°47'23"	205	0.8	TYC 241500868	11.27	5 ^h 27 ^m 24.797 ^s 35°43'05.697"	43.6	277	152.9	-51.0	121.5	9.0	44.1	114
2010/01/08 00:23:54	2881 Meiden	6.9	15.61	3.66	208	1.8	35°08'05" 48°20'01"	203	0.1	UCAC2 35024426	11.99	9 ^h 04 ^m 52.090 ^s 9°25'12.225"	48.1	200	150.9	-47.9	68.3	11.7	44.0	72
2010/01/08 01:59:50	333 Badenia	78.2	13.80	0.90	258	6.4	38°20'36" 51°58'23"	34	3.6	UCAC2 41863991	13.52	6 ^h 28 ^m 15.984 ^s 28°37'21.524"	29.8	280	167.5	-33.0	109.6	20.9	43.2	131
2010/01/08 18:01:09	1382 Gerti	12.0	17.18	4.45	132	0.6	35°47'24" 51°11'27"	344	2.1	UCAC2 33332640	12.75	0 ^h 35 ^m 02.099 ^s 4°53'47.524"	30.8	236	81.8	-39.2	155.5	-52.3	36.4	156
2010/01/08 18:01:09	1382 Gerti	12.0	17.18	4.88	132	0.6	35°47'24" 51°11'27"	344	2.1	TYC 1300872	12.31	0 ^h 35 ^m 02.099 ^s 4°53'47.524"	30.8	236	81.8	-39.2	155.5	-52.3	36.4	156
2010/01/08 19:46:16	28291 CX52	7.6	16.07	4.59	31	1.1	36°17'12" 50°19'31"	0	2.8	TYC 240800244	11.49	5 ^h 35 ^m 46.511 ^s 32°48'23.067"	72.9	172	154.8	-54.3	130.6	-39.1	35.6	103
2010/01/08 20:53:47	297 Caecilia	39.5	15.06	2.16	108	2.3	35°43'55" 49°08'31"	201	7.1	UCAC2 36754631	13.06	0 ^h 58 ^m 18.361 ^s 14°13'09.137"	15.0	274	90.6	-60.8	163.1	-29.1	35.2	187
2010/01/08 22:30:18	5097 Axford	13.0	17.53	5.85	72	0.9	35°57'46" 49°26'15"	199	3.1	UCAC2 39129456	11.69	7 ^h 02 ^m 15.301 ^s 20°52'42.868"	58.2	210	175.8	-60.7	111.9	-14.3	34.5	150
2010/01/09 01:02:35	19964 BX1	6.6	17.04	7.32	166	0.9	35°41'18" 48°36'26"	195	0.9	HIP 25446	9.72	5 ^h 26 ^m 32.923 ^s 17°45'27.244"	20.7	273	153.0	-42.0	135.0	6.5	33.4	142
2010/01/09 03:48:07	11663 GO24	20.9	18.58	4.78	78	0.5	37°11'13" 50°26'26"	56	1.9	UCAC2 25348481	13.81	17 ^h 21 ^m 21.645 ^s -17°03'23.858"	5.6	125	28.5	-15.7	42.6	19.7	32.3	422
2010/01/09 16:12:59	425 Cornelia	63.9	13.96	1.32	128	6.0	35°11'25" 50°58'02"	323	12.0	UCAC2 40183500	13.02	8 ^h 40 ^m 46.854 ^s 23°47'00.771"	11.0	66	162.0	-21.7	100.1	-59.4	27.5	132
2010/01/09 18:15:55	65712 SJ17	5.0	19.35	10.43	155	0.9	34°35'07" 50°55'37"	309	0.8	TYC 5400997	8.92	2 ^h 57 ^m 21.022 ^s 5°28'40.670"	43.9	201	113.8	-41.3	163.9	-59.0	26.8	168
2010/01/09 18:56:27	1347 Patria	32.4	16.56	3.25	238	1.4	36°04'07" 47°54'44"	184	2.6	UCAC2 34036893	13.36	0 ^h 23 ^m 40.382 ^s 6°35'19.281"	21.8	253	78.8	-47.4	140.5	-55.2	26.4	155
2010/01/09 20:06:16	2847 Parvati	10.5	15.58	4.15	239	1.0	36°04'24" 52°11'19"	356	0.3	TYC 137900535	11.46	8 ^h 29 ^m 09.809 ^s 15°40'10.324"	42.9	122	163.3	-56.5	102.1	-46.4	26.0	104
2010/01/09 20:40:32	18654 FR22	6.3	16.69	6.19	85	0.9	37°22'15" 50°22'09"	65	1.5	TYC 475200660	10.50	5 ^h 20 ^m 33.400 ^s 0° - 42°04.924"	37.7	200	142.3	-59.7	138.7	-41.4	25.8	145
2010/01/09 21:19:29	22360 FT11	8.7	16.88	6.49	7	0.9	36°12'23" 50°04'49"	303	2.6	TYC 250001239	10.39	9 ^h 28 ^m 41.732 ^s 36°15'57.036"	60.4	103	149.4	-61.8	97.4	-35.5	25.6	136
2010/01/09 23:50:20	34348 RF3	7.6	16.87	5.52	34	0.8	36°06'23" 49°45'59"	202	2.3	UCAC2 47052993	11.36	5 ^h 39 ^m 58.088 ^s 44°43'07.766"	51.2	285	148.7	-52.4	141.4	-12.6	24.6	129
2010/01/09 23:50:40	5529 Perry	7.2	16.60	4.80	50	0.6	36°00'49" 49°37'58"	203	2.3	UCAC2 41879540	11.81	7 ^h 57 ^m 41.102 ^s 28°37'19.805"	62.1	229	169.9	-52.4	114.8	-12.6	24.6	113
2010/01/10 00:30:14	30309 JR2	5.2	17.67	5.95	49	1.0	35°41'07" 49°49'55"	241	1.7	TYC 142000113	11.73	10 ^h 20 ^m 28.994 ^s 17°16'45.655"	57.4	177	138.4	-46.9	80.5	-7.0	24.4	115

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Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}	
2010/01/10 00:33:32	2687 Tortali	11.9	17.11	4.65	231	0.6	35°23'24" 48°03'38"	196	1.1 2.8	UCAC2 30863509	12.47	13 ^h 44 ^m 44.000 ^s −2°42'15.765"	21.1	122	84.3	-46.4	28.1	-6.5	24.3	167	
2010/01/10 01:57:37	20204 Yundun- runosato	6.9	16.82	5.19	58	0.6	36°40'50" 50°30'00"	29	2.0 2.2	TYC 136601366	11.64	7 ^h 48 ^m 00.210 ^s 17°34'20.065"	33.7	257	173.0	-33.3	115.3	4.0	23.8	124	
2010/01/10 04:32:40	14742 2000 EQ56	7.6	18.56	8.81	168	0.7	34°42'47" 48°55'55"	222	1.1 1.7	TYC 83401325	9.75	9 ^h 42 ^m 26.184 ^s 14°47'51.873"	25.1	263	146.7	-8.9	89.9	16.1	22.9	183	
2010/01/10 15:59:40	405 Thia	124.9	12.31	0.99	62	10.8	36°48'09" 49°35'57"	144	37.8 43.9	UCAC2 37673712	11.88	5 ^h 48 ^m 37.122 ^s 16°53'34.868"	31.5	102	156.3	-19.4	149.6	-55.6	19.0	107	
2010/01/10 17:58:27	1262 Sni- adeckia	51.5	14.96	1.73	46	4.8	36°31'59" 50°25'57"	22	12.3 12.8	UCAC2 36061558	13.47	5 ^h 19 ^m 59.039 ^s 12°20'07.908"	47.7	144	148.1	-38.4	154.9	-64.3	18.4	160	
2010/01/10 20:00:02	3395 Jitka	15.1	15.34	2.01	47	1.4	36°21'13" 49°37'44"	174	4.4 4.7	UCAC2 42042805	13.52	6 ^h 39 ^m 33.812 ^s 29°26'54.824"	67.3	149	166.7	-55.6	142.2	-56.1	17.7	128	
2010/01/10 20:55:27	5613 Donskoj	10.5	16.35	4.67	154	1.1	36°11'28" 48°39'58"	183	1.6 2.9	UCAC2 40827599	11.69	6 ^h 12 ^m 54.368 ^s 25°57'08.613"	65.5	196	162.3	-60.6	148.4	-48.7	17.4	142	
2010/01/11 00:14:48	5971 Tickell	13.2	16.34	3.75	150	0.9	35°46'34" 48°44'23"	194	2.1 2.9	UCAC2 40834654	12.63	6 ^h 35 ^m 17.312 ^s 25°54'42.211"	44.0	258	167.1	-49.0	145.2	-18.4	16.4	182	
2010/01/11 05:05:07	41543 2000 RU40	6.9	16.60	5.47	101	0.6	37°35'46" 50°24'23"	67	1.6 2.2	TYC 244700605	11.13	6 ^h 42 ^m 04.927 ^s 36°59'04.466"	10.6	317	161.6	-4.1	145.9	13.2	14.9	125	
2010/01/11 14:48:16	503 Evelyn	81.7	14.43	1.57	166	3.2	37°39'14" 48°50'42"	144	11.9 18.9	UCAC2 31095215	13.15	0 ^h 19 ^m 14.933 ^s −1°33'06.197"	38.4	186	72.7	-8.3	113.0	-38.9	12.2	171	
2010/01/11 17:51:03	620 Drakonia	18.4	15.02	2.22	13	1.8	36°14'31" 50°09'22"	345	6.1 6.1	UCAC2 44114325	12.95	6 ^h 02 ^m 35.878 ^s 35°28'32.744"	60.7	106	156.1	-37.0	159.7	-63.1	11.4	119	
2010/01/11 17:55:34	1413 Roucarie	21.4	15.35	2.79	247	2.5	35°30'27" 47°53'24"	193	1.4 5.9	UCAC2 34592583	12.65	5 ^h 23 ^m 45.157 ^s 8°21'12.996"	43.7	145	146.4	-37.8	160.0	-63.4	11.4	144	
2010/01/11 17:58:26	26919 1996 RC24	11.5	16.96	3.14	245	0.9	36°37'04" 47°51'35"	174	1.0 2.5	UCAC2 36109913	13.88	8 ^h 03 ^m 55.087 ^s 12°17'11.470"	26.1	102	167.9	-38.2	130.4	-63.6	11.4	185	
2010/01/11 18:07:52	174 Phaedra	69.2	13.44	1.36	226	5.2	34°25'60" 51°42'40"	324	5.9 18.4	UCAC2 44637982	12.45	5 ^h 52 ^m 18.528 ^s 36°55'59.397"	65.8	112	153.6	-39.7	161.0	-64.3	11.3	148	
2010/01/11 19:05:25	47137 1999 FJ22	7.6	17.42	5.95	177	0.6	36°57'19" 48°31'19"	164	1.0 1.6	UCAC2 39665405	11.48	8 ^h 28 ^m 44.486 ^s 22°27'06.763"	40.4	103	166.9	-48.3	128.8	-65.6	11.1	185	
2010/01/11 19:16:04	29032 2059 T- 1	8.3	17.18	7.43	177	0.8	37°28'22" 48°39'46"	151	1.1 2.4	TYC 300500022	9.75	10 ^h 27 ^m 29.024 ^s 41°18'56.921"	35.9	66	138.4	-49.8	109.4	-65.3	11.0	138	
2010/01/11 22:12:52	6927 Tone- gawa	6.9	16.14	4.68	205	0.7	37°25'44" 51°44'24"	23	0.3 2.7	TYC 136600308	11.47	7 ^h 48 ^m 03.333 ^s 17°59'47.159"	58.0	187	174.8	-61.2	138.2	-45.9	10.3	101	
2010/01/12 15:57:58	1147 Stavropo- lis	13.2	15.87	4.39	68	0.9	36°44'29" 49°30'48"	151	3.7 4.4	UCAC2 39126903	11.50	6 ^h 52 ^m 11.967 ^s 20°48'38.729"	25.2	87	169.8	-18.8	160.6	-41.8	6.3	120	
2010/01/12 17:04:23	12986 1981 DM2	5.5	18.02	6.66	44	0.6	35°46'16" 50°15'34"	303	1.2 1.2	UCAC2 43765593	11.36	5 ^h 48 ^m 27.929 ^s 34°10'38.327"	55.3	101	153.2	-29.4	170.8	-51.7	6.1	185	
2010/01/12 17:33:30	6784 Bo- gatiekov	12.6	16.03	2.27	217	1.4	35°25'25" 51°55'00"	343	1.4 2.6	UCAC2 41506598	13.90	5 ^h 50 ^m 42.036 ^s 27°50'21.247"	55.0	116	155.3	-34.1	175.6	-55.6	6.0	192	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 5		LinOccult 2.1.1			
	Asteroid			Nearest point			Star				Sun		Moon							
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2010/01/13 03:55:47	78717 T1211	5.0	19.43	7.22	40	0.8	35°44'49" 50°08'13"	284	1.0	TYC 143700888	12.22	11 ^h 20 ^m 31.394 ^s 18°26'32.679"	46.6	237	127.9	-14.3	105.8	-2.9	4.2	200
2010/01/13 04:21:46	11542 SU21	18.2	15.92	2.87	44	1.8	35°47'57" 49°48'32"	233	3.6	UCAC2 43426606	13.13	6 ^h 26 ^m 48.432 ^s 33°09'30.496"	9.8	311	160.3	-10.3	170.0	0.2	4.1	195
2010/01/13 14:32:58	2421 Nininger	38.9	15.52	2.23	117	2.7	34°59'09" 50°41'33"	308	6.5	UCAC2 4228740	13.44	7 ^h 48 ^m 55.042 ^s 29°45'17.139"	11.0	56	171.4	-5.7	159.8	-20.2	2.6	203
2010/01/13 15:06:41	581 Tauntonia	63.7	14.09	1.71	56	4.3	36°44'46" 49°38'14"	144	16.1	UCAC2 40334109	12.64	6 ^h 50 ^m 44.759 ^s 24°24'04.148"	20.5	76	168.3	-10.7	173.4	-25.3	2.5	145
2010/01/13 15:42:04	7367 Giotto	6.0	18.44	12.61	157	0.5	35°19'46" 51°19'15"	334	0.9	HIP 29379	5.83	6 ^h 11 ^m 32.309 ^s 24°25'12.402"	32.4	90	159.4	-16.1	177.4	-30.7	2.5	131
2010/01/13 16:00:12	66013 QC24	6.3	18.52	7.61	23	1.0	35°58'21" 50°00'35"	259	1.2	TYC 235700262	10.91	3 ^h 54 ^m 41.375 ^s 30°56'44.862"	61.1	120	129.0	-18.9	146.6	-33.5	2.4	204
2010/01/13 19:15:52	4443 RD4	6.6	15.42	3.71	49	0.8	36°28'25" 49°37'42"	164	2.7	UCAC2 41360102	11.75	7 ^h 41 ^m 53.758 ^s 27°08'57.455"	53.8	115	174.2	-49.4	163.8	-60.5	2.0	82
2010/01/13 21:28:54	6065 1987 OC	8.3	17.24	5.91	33	0.8	35°53'03" 50°11'17"	299	2.2	TYC 179500620	11.33	3 ^h 10 ^m 21.097 ^s 28°41'06.323"	37.9	271	119.0	-61.4	134.2	-62.6	1.8	144
2010/01/13 22:04:48	2321 Luznice	17.7	16.40	2.93	15	9.4	36°18'22" 50°10'42"	5	4.3	UCAC2 39791769	13.55	3 ^h 21 ^m 23.175 ^s 22°56'10.971"	29.8	271	120.4	-61.2	135.8	-59.5	1.8	165
2010/01/13 22:53:59	3875 Staehle	9.1	16.37	4.31	145	0.8	37°17'29" 51°11'11"	30	1.4	TYC 131800078	12.08	6 ^h 13 ^m 16.590 ^s 18°18'22.170"	45.3	240	159.1	-58.3	171.6	-53.6	1.6	109
2010/01/13 23:37:50	67255 ET109	11.0	16.21	2.44	193	1.1	36°15'32" 48°18'41"	181	1.2	UCAC2 44978167	13.89	5 ^h 46 ^m 03.263 ^s 37°42'39.575"	47.9	276	150.2	-53.7	162.1	-47.4	1.6	144
2010/01/14 18:06:47	5489 Oberkochen	16.6	15.14	2.15	212	1.2	36°27'21" 48°08'59"	177	1.4	UCAC2 41018201	13.16	8 ^h 08 ^m 53.220 ^s 26°01'54.086"	38.7	94	172.7	-39.0	168.2	-43.7	0.3	135
2010/01/14 18:28:59	1416 Renauxa	28.9	14.64	3.19	260	3.3	34°05'33" 51°55'59"	323	1.3	TYC 291101542	11.51	5 ^h 44 ^m 40.100 ^s 37°52'54.999"	72.2	126	149.2	-42.4	154.2	-46.9	0.3	132
2010/01/14 19:13:41	433 Eros	19.4	13.46	0.77	141	0.8	37°03'53" 51°12'54"	23	1.9	UCAC2 35862622	13.43	23 ^h 56 ^m 59.147 ^s 11°29'49.341"	15.5	270	70.0	-48.9	75.3	-52.9	0.2	78
2010/01/14 19:24:14	101581 BY7	5.5	18.10	7.05	17	0.5	36°26'43" 49°56'05"	138	0.9	TYC 240800018	11.05	5 ^h 33 ^m 15.277 ^s 33°06'21.341"	73.3	175	148.5	-50.4	153.5	-54.2	0.2	231
2010/01/14 23:05:48	5122 Mucha	12.0	15.82	3.26	72	0.9	36°54'31" 50°33'37"	38	3.3	UCAC2 39484844	12.62	8 ^h 32 ^m 00.125 ^s 21°51'21.595"	61.2	197	169.2	-57.1	165.7	-56.0	0.1	124
2010/01/15 04:56:44	32497 XF18	10.0	17.40	5.47	108	0.9	34°54'57" 50°28'18"	296	1.9	UCAC2 44275456	11.94	5 ^h 10 ^m 20.597 ^s 35°48'48.715"	0.5	334	142.9	-5.0	143.7	-4.3	0.0	170
2010/01/15 16:48:19	33154 Talent	5.0	17.78	10.62	244	0.5	37°36'59" 52°04'34"	23	0.1	HIP 26306	7.16	5 ^h 36 ^m 08.527 ^s 12°26'10.873"	40.0	124	147.1	-26.2	143.3	-22.3	0.1	102
2010/01/15 19:58:14	2190 Contbertin	18.0	16.40	2.65	15	2.2	36°15'04" 50°10'53"	350	5.3	UCAC2 39979989	13.85	5 ^h 32 ^m 18.785 ^s 23°00'43.380"	62.5	196	148.2	-54.4	142.4	-49.9	0.3	136
2010/01/15 22:31:54	13505 AB3	10.5	16.71	3.29	235	0.9	34°29'02" 48°17'54"	213	0.8	UCAC2 39144306	13.47	9 ^h 06 ^m 47.207 ^s 20°44'22.144"	60.4	166	162.1	-59.6	168.3	-58.5	0.4	146

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 (%)	σ_{km}	
2010/01/16 00:08:35	44489 1998 WK22	5.0	18.69	6.11	148	0.7	35°44'24" 48°46'14"	195	0.7	TYC 184500383	12.58	5 ^h 05 ^m 29.108 ^s 22°59'59.789"	25.4	276	141.9	-49.5	134.1	-51.1	0.5	207	
2010/01/16 16:15:05	27206 1999 CZ80	11.0	17.15	6.66	204	0.8	35°46'48" 51°51'14"	350	1.3	TYC 77800783	10.50	7 ^h 40 ^m 37.284 ^s 8°20'16.809"	13.4	93	167.1	-20.7	161.0	-7.5	1.7	190	
2010/01/16 18:00:07	3644 Kojitaku	7.6	15.76	3.22	30	1.3	36°29'54" 49°48'59"	150	3.2	TYC 187600820	12.60	6 ^h 02 ^m 43.953 ^s 29°36'27.701"	60.7	123	153.5	-37.5	137.9	-23.5	1.9	90	
2010/01/16 18:50:05	234 Barbara	43.8	12.89	0.56	212	3.6	37°50'46" 51°40'38"	32	2.3	UCAC2 34241301	13.31	6 ^h 14 ^m 11.590 ^s 7°07'01.216"	44.5	154	152.3	-45.2	139.3	-31.1	2.0	107	
2010/01/16 23:23:11	13808 Dav-ewilliams	12.6	16.98	3.24	232	1.5	36°18'20" 47°57'48"	180	1.2	UCAC2 42368120	13.80	4 ^h 55 ^m 34.065 ^s 30°15'50.988"	35.5	276	138.8	-55.0	120.6	-54.1	2.5	187	
2010/01/17 15:57:42	91065 1998 FM66	5.0	17.55	6.25	63	0.6	37°01'48" 49°44'46"	122	1.3	UCAC2 47302599	11.31	6 ^h 23 ^m 11.669 ^s 45°45'03.095"	48.7	71	148.3	-17.8	126.4	4.8	4.9	140	
2010/01/17 22:00:36	18981 2000 RT3	6.9	18.86	7.51	39	0.6	35°48'49" 49°52'03"	239	1.4	TYC 121000488	11.35	1 ^h 59 ^m 50.246 ^s 18°54'00.774"	12.1	285	96.9	-60.6	68.6	-45.8	6.0	195	
2010/01/17 22:52:42	450 Brigitta	33.3	15.51	2.46	148	2.4	35°39'55" 48°47'01"	198	5.3	UCAC2 38733398	13.17	1 ^h 57 ^m 25.770 ^s 19°53'35.213"	4.6	296	96.6	-57.8	67.9	-49.1	6.2	179	
2010/01/17 23:03:12	6348 1995 CH1	7.9	16.03	7.20	235	1.1	35°50'49" 47°57'38"	188	0.2	TYC 188701323	8.83	6 ^h 27 ^m 05.193 ^s 27°17'26.881"	50.6	251	158.1	-56.9	129.2	-49.4	6.3	100	
2010/01/18 16:20:20	85588 1998 FA15	5.5	17.82	6.40	108	0.6	34°46'53" 50°09'07"	276	1.1	TYC 291301967	11.42	5 ^h 23 ^m 00.911 ^s 40°31'52.155"	59.8	92	140.8	-21.2	105.8	11.3	9.9	159	
2010/01/18 17:33:35	189099 2001 RO	6.6	15.10	4.13	167	0.5	33°57'41" 50°13'10"	277	0.4	TYC 21100805	11.00	8 ^h 38 ^m 32.679 ^s 1°49'56.412"	13.0	103	159.3	-32.9	153.5	0.6	10.2	79	
2010/01/18 18:02:38	27283 2000 AC92	6.0	17.80	6.53	27	0.5	36°23'56" 50°16'38"	17	1.0	TYC 74701087	11.27	6 ^h 51 ^m 53.261 ^s 8°51'10.951"	38.3	129	159.5	-37.5	127.3	-3.9	10.3	232	
2010/01/18 21:08:03	45680 2000 EF130	7.6	18.74	7.90	248	0.6	36°20'60" 47°49'20"	179	0.7	TYC 5200125	10.84	2 ^h 33 ^m 05.564 ^s 6°32'14.204"	15.8	261	99.4	-59.7	61.9	-31.1	11.1	207	
2010/01/18 21:12:40	34035 2000 OV27	7.6	17.18	5.29	100	0.6	35°26'35" 49°20'09"	217	1.4	TYC 17400426	11.90	7 ^h 01 ^m 45.975 ^s 7°20'44.192"	47.1	190	160.3	-59.9	128.3	-31.7	11.1	181	
2010/01/19 15:40:10	13685 1997 QG4	9.1	17.85	6.55	162	0.6	36°35'58" 48°36'18"	172	1.3	TYC 75500688	11.31	6 ^h 46 ^m 42.315 ^s 11°44'23.810"	20.9	97	159.2	-14.6	115.7	26.2	16.1	193	
2010/01/19 15:56:17	18544 1997 AA2	6.0	17.33	5.97	249	0.8	37°52'37" 48°04'15"	153	0.3	TYC 187101583	11.37	5 ^h 57 ^m 11.038 ^s 27°40'35.152"	43.1	97	149.8	-17.1	102.5	24.2	16.1	124	
2010/01/19 16:32:33	46676 1996 RF29	14.5	20.03	8.04	248	0.9	34°23'40" 51°55'38"	327	1.1	UCAC2 32477162	11.99	1 ^h 31 ^m 37.901 ^s 2°00'33.824"	39.1	207	82.6	-22.9	36.9	19.5	16.3	451	
2010/01/19 16:32:44	3478 Fanale	14.9	15.23	1.66	40	2.0	36°25'52" 49°41'60"	165	6.3	UCAC2 39125519	13.83	6 ^h 47 ^m 29.396 ^s 20°54'51.694"	36.1	100	161.6	-22.9	114.4	19.4	16.3	84	
2010/01/19 16:58:28	439 Ohio	76.6	15.38	2.09	237	5.1	37°18'58" 48°01'51"	162	7.2	UCAC2 32478335	13.46	2 ^h 07 ^m 20.160 ^s 2°11'22.291"	39.9	204	91.1	-27.1	45.6	15.8	16.5	180	
2010/01/19 19:01:23	20685 1999 VX48	6.9	17.25	6.19	15	0.8	36°19'33" 49°54'43"	169	1.8	UCAC2 38760118	11.06	6 ^h 02 ^m 54.368 ^s 19°49'18.897"	59.0	162	151.0	-46.2	102.9	-2.7	17.1	154	

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 (%)	σ_{km}
2010/01/19 20:51:15	26603 FT17	2000	18.04	4.75	203	1.6	35°19'59" 48°20'13"	200	1.2	UCAC2 35030469	13.30	11 ^h 29 ^m 27.005 ^s 9°05'58.846"	23.5	104	129.9	-58.5	170.1	-19.1	17.6	192
2010/01/19 21:53:21	3052 Herzen	15.2	15.60	4.47	17	2.3	36°17'38" 50°12'01"	2	6.0	UCAC2 38042833	11.15	6 ^h 25 ^m 18.046 ^s 17°55'25.291"	51.3	224	155.9	-60.3	106.8	-27.3	18.0	99
2010/01/20 03:08:42	4940 Polenov	14.5	15.80	2.70	214	1.1	38°17'18" 51°29'42"	42	1.4	UCAC2 38968238	13.19	8 ^h 05 ^m 53.740 ^s 20°20'59.872"	20.9	277	179.5	-21.1	127.0	-32.1	19.6	149
2010/01/20 21:03:13	5351 Diderot	8.3	16.23	4.94	161	1.0	36°59'40" 51°25'26"	18	1.0	UCAC2 35575574	11.30	9 ^h 33 ^m 54.785 ^s 10°45'27.307"	43.2	136	158.0	-59.0	141.3	-10.7	25.6	108
2010/01/21 00:55:39	24299 1999 XE221	10.0	17.17	6.38	46	0.9	36°30'08" 50°25'58"	20	2.3	TYC 75001563	10.79	6 ^h 41 ^m 43.027 ^s 9°43'32.464"	20.3	261	156.0	-42.1	98.4	-33.6	27.0	167
2010/01/21 01:11:51	35592 1998 HR94	7.2	17.90	6.99	16	0.5	36°22'39" 50°10'31"	25	1.8	TYC 17000293	10.92	7 ^h 01 ^m 09.968 ^s 5°33'51.452"	17.6	257	157.6	-39.6	103.6	-34.0	27.1	160
2010/01/21 02:17:38	47710 2000 DJ16	8.7	17.29	6.68	107	0.8	37°21'55" 50°43'20"	46	1.6	TYC 339400956	10.61	6 ^h 46 ^m 49.032 ^s 47°17'50.255"	34.6	304	147.6	-29.2	92.3	-33.4	27.5	186
2010/01/21 02:43:17	13114 Isabel-godin	6.3	18.66	6.68	107	1.6	34°47'13" 49°59'37"	267	1.2	UCAC2 31689661	11.99	12 ^h 20 ^m 33.182 ^s 0° - 6'42.026"	38.9	196	116.0	-25.1	173.0	-32.3	27.7	174
2010/01/21 04:23:08	300 Geraldina	80.2	15.78	2.04	277	1.8	32°44'38" 49°04'51"	247	7.0	UCAC2 22305671	13.92	18 ^h 18 ^m 05.643 ^s -23°46'45.357"	3.1	134	26.7	-9.3	90.7	-23.7	28.2	257
2010/01/21 16:49:43	10265 Gun-narsson	11.0	16.92	4.55	48	1.0	36°18'58" 50°28'47"	3	2.7	UCAC2 38074506	12.38	9 ^h 42 ^m 13.233 ^s 17°54'33.753"	9.9	74	159.2	-25.3	130.0	36.8	32.8	155
2010/01/21 17:49:09	737 Arequipa	44.1	13.79	0.75	92	3.6	36°52'50" 49°19'02"	152	9.8	UCAC2 31863569	13.79	9 ^h 49 ^m 05.001 ^s 0°28'06.415"	5.0	95	149.9	-34.8	137.7	28.8	33.2	146
2010/01/22 00:58:34	43722 1968 OB	11.0	16.87	4.74	62	0.8	36°03'52" 49°30'40"	195	2.5	TYC 79000924	12.15	7 ^h 42 ^m 13.676 ^s 13°56'10.184"	31.9	253	170.1	-41.5	100.1	-26.8	36.1	165
2010/01/22 01:19:02	25860 2000 FY11	6.9	18.41	7.73	198	0.5	38°25'29" 51°11'58"	50	0.8	TYC 197400316	10.69	10 ^h 07 ^m 08.894 ^s 27°38'45.416"	60.5	231	153.4	-38.4	124.9	-27.8	36.2	178
2010/01/22 02:03:46	8410 Hi-roakiohno	11.0	16.83	8.35	99	0.8	37°11'35" 50°43'05"	41	2.7	TYC 139801539	8.48	8 ^h 40 ^m 52.454 ^s 20°15'59.336"	35.7	259	174.2	-31.3	111.1	-28.9	36.5	105
2010/01/22 03:10:48	21600 1998 XL5	12.0	16.86	3.07	140	0.8	35°12'07" 49°00'17"	214	2.0	UCAC2 36811860	13.86	7 ^h 35 ^m 54.353 ^s 14°18'19.437"	10.0	280	168.9	-20.5	97.4	-27.9	37.0	169
2010/01/22 19:50:20	4287 Trisov	7.6	17.56	5.71	199	0.8	36°11'28" 48°15'27"	182	0.7	UCAC2 38736623	11.86	3 ^h 05 ^m 22.627 ^s 19°51'29.343"	40.8	251	106.9	-52.0	24.5	21.1	43.7	131
2010/01/22 20:03:46	14077 Vol-fango	6.9	18.70	7.22	47	0.6	36°10'49" 50°27'40"	351	1.4	TYC 189000644	11.48	6 ^h 17 ^m 55.617 ^s 29°50'01.702"	69.7	192	150.7	-53.5	68.2	19.0	43.9	197
2010/01/23 00:02:54	3828 Hoshino	16.6	16.19	4.26	242	1.6	35°00'03" 48°02'52"	202	1.4	UCAC2 37151705	11.95	6 ^h 32 ^m 42.534 ^s 15°20'15.023"	30.2	257	154.1	-49.3	71.5	-14.0	45.6	173
2010/01/23 00:14:38	70037 1999 CX64	5.2	17.91	6.56	183	0.8	35°50'43" 48°25'42"	190	0.7	TYC 73402187	11.35	6 ^h 11 ^m 58.224 ^s 9°30'22.911"	20.6	260	147.5	-47.7	67.7	-15.2	45.7	201
2010/01/23 01:02:51	94030 2000 XC40	8.7	17.53	7.16	113	0.7	35°06'28" 49°22'59"	229	1.4	TYC 381301344	10.37	9 ^h 44 ^m 16.597 ^s 57°37'08.117"	71.8	305	138.8	-40.7	92.6	-19.5	46.0	208

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	Dist	Alt	Phase (%)	σ_{km}	
2010/01/23 15:58:49	6439 Tirol	10.5	17.63	4.75	166	0.7	36°20'04" 51°32'15"	1	1.5	UCAC2 34084423	12.89	7 ^h 09 ^m 58.626 ^s 6°36'25.942"	18.8	102	158.2	-16.7	74.4	57.9	52.3	185	
2010/01/23 17:58:23	34682 2001 BM42	5.5	18.43	6.60	131	0.6	36°57'52" 51°08'21"	22	1.0	UCAC2 39105735	11.84	5 ^h 41 ^m 54.580 ^s 20°58'39.553"	58.3	150	142.2	-35.8	49.3	47.6	53.1	163	
2010/01/23 19:32:41	1602 Indiana	12.2	15.37	3.51	191	3.2	36°49'16" 51°43'39"	12	0.5	UCAC2 41158870	11.91	5 ^h 41 ^m 14.559 ^s 26°41'39.342"	66.3	196	142.1	-49.6	47.9	34.3	53.9	89	
2010/01/23 23:42:53	4916 Brum-berg	17.4	16.04	2.89	64	1.9	35°36'33" 49°40'09"	229	4.3	UCAC2 34843696	13.23	10 ^h 29 ^m 25.783 ^s 8°47'18.700"	48.9	177	147.9	-51.6	115.7	-2.3	55.6	146	
2010/01/24 03:22:54	2341 Aoluta	10.5	14.87	1.43	99	1.6	35°13'32" 49°28'39"	230	2.5	UCAC2 41871157	13.78	6 ^h 58 ^m 19.777 ^s 28°46'14.326"	12.4	300	158.1	-18.3	60.3	-19.7	57.3	108	
2010/01/24 16:08:26	1636 Porter	9.2	15.36	4.52	163	1.0	35°42'11" 51°27'45"	345	0.6	TYC 80800756	10.85	8 ^h 27 ^m 52.380 ^s 13°19'17.525"	13.6	85	174.2	-18.0	77.5	62.0	62.7	81	
2010/01/24 18:55:32	114995 2003 QY71	5.0	18.72	6.76	56	0.6	35°31'10" 49°56'55"	259	0.8	TYC 236501786	11.96	3 ^h 55 ^m 11.937 ^s 34°17'30.258"	65.9	239	118.4	-44.3	15.9	49.9	64.0	228	
2010/01/25 01:25:55	67113 2000 AC114	5.0	17.53	5.90	89	0.6	37°03'01" 50°40'54"	38	1.1	TYC 76101123	11.64	7 ^h 01 ^m 56.491 ^s 14°16'03.967"	19.5	269	158.7	-36.9	52.2	-5.2	66.8	153	
2010/01/25 16:59:27	115630 2003 US122	5.2	18.48	6.29	77	0.5	35°56'40" 49°23'26"	198	0.6	TYC 131400710	12.19	6 ^h 13 ^m 49.549 ^s 16°29'08.516"	45.1	125	147.2	-26.0	32.0	64.6	73.2	343	
2010/01/25 17:24:36	3729 Yangzhou	12.6	16.96	3.45	9	1.6	36°21'60" 49°59'23"	138	2.8	UCAC2 46113002	13.56	5 ^h 13 ^m 58.033 ^s 41°17'20.361"	75.9	122	132.6	-30.0	22.4	64.8	73.5	181	
2010/01/25 18:10:28	535 Montague	74.5	13.36	4.37	206	11.6	36°05'35" 48°12'12"	184	4.5	TYC 187200148	9.01	6 ^h 00 ^m 46.152 ^s 26°42'12.051"	63.7	146	144.5	-37.3	26.3	63.0	73.7	106	
2010/01/25 18:37:38	8653 1990 KE	8.3	17.11	5.82	108	0.7	36°35'57" 50°59'58"	12	1.8	UCAC2 30695811	11.29	9 ^h 15 ^m 22.612 ^s -3°23'00.777"	17.1	117	155.3	-41.4	80.2	60.8	73.9	133	
2010/01/25 19:11:30	25631 2000 AJ55	7.6	17.23	5.12	40	0.7	36°03'55" 50°22'35"	337	1.9	TYC 189902006	12.12	6 ^h 59 ^m 04.914 ^s 25°10'31.009"	62.6	148	157.6	-46.3	38.9	57.1	74.2	158	
2010/01/25 21:18:41	4976 Chouky-ongchol	18.2	16.56	2.79	145	2.0	36°19'40" 51°21'05"	1	2.9	UCAC2 30700171	13.86	10 ^h 39 ^m 44.571 ^s -3°21'06.122"	27.1	135	141.5	-58.5	97.7	39.2	75.0	178	
2010/01/26 00:31:51	7744 1986 QA1	6.6	17.12	5.24	202	0.6	34°43'38" 48°32'26"	214	0.6	UCAC2 41014904	11.89	7 ^h 35 ^m 34.412 ^s 26°28'14.656"	41.9	262	164.7	-44.8	43.6	10.4	76.4	123	
2010/01/26 18:59:52	3150 Tosa	28.4	17.11	5.62	50	2.8	35°36'28" 49°56'17"	256	4.6	UCAC2 46511099	11.50	2 ^h 58 ^m 16.098 ^s 42°52'59.607"	60.2	273	106.6	-44.4	31.6	64.7	83.4	243	
2010/01/26 23:20:06	101602 1999 CT1	5.8	17.63	7.69	112	0.5	36°02'58" 49°03'04"	189	1.0	TYC 249100124	9.94	8 ^h 56 ^m 55.737 ^s 36°55'13.649"	71.7	232	161.0	-53.6	47.0	30.5	84.9	194	
2010/01/26 23:33:27	2533 Fechtig	15.1	15.81	3.10	211	2.4	34°54'36" 48°22'46"	208	1.4	UCAC2 39287645	12.77	6 ^h 22 ^m 34.324 ^s 21°00'22.883"	35.0	261	148.4	-52.2	14.9	28.4	85.0	139	
2010/01/27 20:47:37	995 Stern-berga	31.6	14.65	2.03	218	2.9	35°05'04" 48°15'23"	203	2.3	UCAC2 33367391	12.80	6 ^h 54 ^m 32.603 ^s 4°34'10.749"	43.7	196	150.7	-56.3	22.2	60.3	91.6	127	
2010/01/27 21:35:59	234 Barbara	43.8	13.16	1.18	202	4.3	33°39'37" 49°24'50"	249	3.2	UCAC2 34794475	12.43	6 ^h 06 ^m 29.356 ^s 8°35'50.032"	39.2	228	141.4	-58.4	16.5	54.6	91.8	113	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 9		LinOccult 2.1.1			
		Asteroid			Nearest point			Star			Sun			Moon							
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}	
2010/01/28 00:01:38	14479 Plekhanov	10.0	17.64	3.84	69	0.7	35°47'17" 49°30'47"	211	1.8	UCAC2 41364296	13.83	8 ^h 24 ^m 07.842 ^s 27°24'22.008"	53.6	246	170.1	-48.6	26.5	33.1	92.5	206	
2010/01/28 15:30:55	44566 CK103	15.8	16.94	5.95	210	0.6	37°05'09" 51°51'57"	16	1.8	TYC 229100562	11.00	1 ^h 16 ^m 20.065 ^s 31°28'26.879"	67.4	222	82.1	-11.2	76.5	30.0	96.1	213	
2010/01/28 16:28:38	1360 Tarka	29.8	16.51	3.95	236	2.6	33°08'25" 49°27'22"	254	2.7	UCAC2 47611727	12.59	4 ^h 01 ^m 10.880 ^s 47°07'21.769"	83.5	113	116.3	-20.4	44.8	38.8	96.3	169	
2010/01/28 18:00:21	10355 Kojiro-harada	5.2	16.70	5.19	245	0.6	37°26'03" 47°58'44"	160	0.1	TYC 196001296	11.52	9 ^h 48 ^m 32.612 ^s 24°57'18.053"	29.7	86	163.5	-35.0	35.3	51.8	96.5	95	
2010/01/28 18:13:46	11063 Poynting	7.9	18.14	6.74	101	0.7	36°16'55" 49°08'29"	180	1.6	TYC 189300356	11.40	6 ^h 42 ^m 45.624 ^s 24°21'09.664"	58.9	137	151.1	-37.1	7.6	53.5	96.6	172	
2010/01/28 20:10:20	5314 Wilkickia	13.2	15.98	7.02	54	1.2	36°37'20" 50°29'06"	26	4.3	TYC 19300414	8.96	7 ^h 55 ^m 56.526 ^s 5°49'30.500"	44.8	163	163.0	-52.8	18.7	62.4	96.9	109	
2010/01/28 21:01:41	78546 2002 RF122	6.3	18.66	6.73	86	0.6	37°17'51" 50°27'46"	57	0.7	UCAC2 35896828	11.94	6 ^h 21 ^m 48.160 ^s 11°49'03.111"	47.1	216	145.0	-56.9	17.8	61.5	97.1	327	
2010/01/28 22:01:23	2791 Paradise	16.6	15.61	4.84	53	1.0	36°57'60" 49°52'11"	112	4.0	TYC 368501178	10.79	2 ^h 08 ^m 26.031 ^s 53°37'51.376"	32.2	317	99.3	-58.1	66.0	56.7	97.3	154	
2010/01/28 23:06:39	4266 Waltari	13.2	16.53	4.04	36	1.7	36°47'22" 50°00'24"	97	3.4	UCAC2 29648679	12.52	11 ^h 39 ^m 49.865 ^s -6°14'34.145"	30.2	152	130.5	-54.4	67.7	48.6	97.5	150	
2010/01/29 18:50:35	10090 Sikorsky	6.6	17.02	7.82	74	0.6	36°34'36" 49°24'30"	164	1.9	TYC 84300721	9.20	10 ^h 16 ^m 57.260 ^s 14°20'10.105"	26.1	99	158.4	-42.4	28.5	46.9	99.6	108	
2010/01/29 19:08:00	54630 2000 SM112	10.0	18.03	4.28	85	1.4	35°47'05" 49°21'08"	205	1.4	UCAC2 35891401	13.77	6 ^h 08 ^m 37.983 ^s 11°41'51.143"	51.9	180	141.0	-44.8	32.4	49.1	99.7	279	
2010/01/29 19:23:19	41396 2000 AG175	9.5	17.16	6.72	144	0.7	36°54'44" 51°16'54"	18	1.6	TYC 19301568	10.44	7 ^h 55 ^m 00.949 ^s 5°54'04.958"	42.1	149	162.4	-46.9	13.9	50.8	99.7	171	
2010/01/29 20:13:42	465 Alekto	73.3	13.87	1.42	91	6.4	36°12'58" 49°13'51"	183	18.0	UCAC2 35934855	12.79	9 ^h 37 ^m 14.995 ^s 11°57'39.282"	42.2	130	166.9	-52.9	19.0	55.5	99.7	122	
2010/01/29 22:20:53	27223 1999 GC5	10.0	16.37	4.83	127	0.8	37°32'10" 50°52'01"	44	1.8	UCAC2 38614205	11.55	9 ^h 27 ^m 10.628 ^s 19°08'28.033"	59.3	178	170.8	-57.2	14.1	56.1	99.8	155	
2010/01/30 00:58:39	29144 1988 FB	6.6	15.77	3.93	39	1.0	35°57'16" 49°46'30"	218	2.8	UCAC2 41016143	11.87	7 ^h 46 ^m 19.645 ^s 26°05'49.774"	36.5	268	163.2	-40.2	14.5	37.6	99.9	87	
2010/01/30 17:10:53	2298 Cindijon	8.7	16.77	7.43	176	0.9	36°20'60" 51°37'45"	1	1.0	TYC 76101715	9.34	7 ^h 03 ^m 29.047 ^s 14°39'27.743"	41.1	121	153.8	-26.7	31.8	20.0	99.6	123	
2010/01/30 17:40:24	442 Eichsfeldia	65.7	13.70	1.12	171	10.5	35°32'46" 48°35'22"	198	6.2	UCAC2 38581671	13.06	6 ^h 10 ^m 19.898 ^s 19°00'28.481"	54.8	144	141.7	-31.4	44.8	24.4	99.6	99	
2010/01/30 23:35:53	19363 1997 OL2	7.2	18.08	6.10	230	0.7	35°06'24" 48°07'50"	202	0.7	TYC 189500045	11.98	7 ^h 00 ^m 53.920 ^s 22°39'52.551"	39.5	258	153.2	-51.0	37.2	49.4	99.1	176	
2010/01/31 01:46:37	56 Melete	113.2	13.23	1.41	106	8.7	37°00'38" 50°53'01"	29	23.6	UCAC2 35911565	12.16	7 ^h 01 ^m 20.398 ^s 11°30'45.880"	10.2	276	152.2	-32.7	37.8	34.3	98.9	145	
2010/01/31 14:59:12	68623 2002 BL8	6.3	16.98	5.66	171	0.8	36°06'48" 48°31'01"	184	0.8	TYC 134102038	11.32	6 ^h 36 ^m 49.559 ^s 20°42'35.379"	30.2	93	147.1	-5.6	52.1	-12.2	97.1	126	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 10		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 (%)	σ_{km}	
2010/01/31 16:57:40	189099 RO	6.6	15.21	3.25	49	0.6	36°48'53'' 49°45'54''	130	2.7	TYC	12.01	8 ^h 18 ^m 39.853 ^s −1°54'50.455''	−24.4	112	158.7	29.6	4.8	96.8	81
2010/01/31 18:31:56	1858 Lobachevskij	16.6	15.43	3.80	78	1.3	36°15'50'' 50°44'45''	359	4.1	UCAC2	11.67	8 ^h 34 ^m 34.701 ^s 17°10'07.657''	−39.2	117	174.8	26.5	19.1	96.5	140
2010/01/31 20:00:33	1461 Jean-Jacques	33.3	14.35	1.16	188	2.4	37°10'50'' 51°38'25''	20	3.9	UCAC2	13.64	9 ^h 16 ^m 21.238 ^s 27°08'42.262''	−50.9	122	169.1	25.3	31.6	96.2	141
2010/01/31 22:41:57	7563 1988 BC	11.5	14.86	2.16	20	1.6	36°31'06'' 50°09'21''	54	4.7	UCAC2	12.86	7 ^h 53 ^m 34.349 ^s 35°51'16.839''	−55.6	247	156.6	45.8	45.5	95.6	95