

Occultations table

Observation point: VladimirNebotov
EMail: nebotov@ukr.net
Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')
Maximal Distance = 250.0
Maximal Mv = 14.00
Minimal Duration = 0.5s
Maximal Sun Elevation = 0.0
Minimal drop: 0.5
Minimal probability: 0.0
Minimal probability in nearest point: 0.5
Minimal star elevation: 0.0
Program: LinOccult 1.1.1
Author: Plekhanov Andrey andyp@newtech.ru
Events number: 209

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 1.1.1		
		Asteroid			Nearest point			Star				Sun		Moon					
Date Time (UTC)	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Dist	Alt	Dist	Alt	Phase (%)	σ_{km}
2008/01/01 01:01:21	2294 An-dronikov	16.6	15.03	2.13	158	1.3	35°31'13" 48°42'56"	200	1.6	UCAC2 40498824	13.06	6 ^h 45 ^m 47.883 ^s 24°53'46.101"	-42.3	178.0	-42.3	97.5	18.8	43.3	91
2008/01/01 01:16:54	1275 Cimbria	28.6	14.63	1.62	65	2.9	36°19'01" 50°37'46"	2	4.0	UCAC2 32025384	13.29	8 ^h 08 ^m 01.057 ^s 0°37'10.822"	-39.9	149.5	-39.9	73.4	20.5	43.2	30
2008/01/01 01:26:28	53312 1999 JZ	7.2	15.86	4.54	161	0.8	37°20'35" 51°19'37"	28	0.4	TYC 179001565	11.34	3 ^h 02 ^m 51.519 ^s 27°54'33.630"	-38.4	130.5	-38.4	146.3	21.4	43.2	75
2008/01/01 01:33:12	6832 Kawa-bata	10.0	17.62	4.63	105	0.7	35°40'28" 49°11'45"	205	2.3	UCAC2 40658741	13.00	6 ^h 08 ^m 55.763 ^s 25°10'56.536"	-37.3	171.9	-37.3	106.1	22.0	43.1	113
2008/01/01 15:34:39	3011 Chongqing	13.8	15.65	4.95	26	1.6	36°29'42" 49°51'08"	146	5.5	TYC 71300202	10.71	5 ^h 31 ^m 21.992 ^s 14°37'49.991"	-16.9	160.6	-16.9	120.7	-52.7	37.7	96
2008/01/01 15:50:36	34839 2001 SL263	10.5	16.55	3.47	58	0.8	36°36'14" 49°34'21"	157	2.3	UCAC2 39821228	13.12	6 ^h 26 ^m 02.806 ^s 22°45'08.044"	-19.4	175.5	-19.4	108.9	-53.4	37.6	173
2008/01/01 17:38:49	3475 Fichte	30.8	14.75	1.27	261	2.6	34°27'57" 52°05'22"	330	2.2	UCAC2 35353920	13.88	6 ^h 15 ^m 12.865 ^s 10°12'49.666"	-36.7	165.3	-36.7	110.4	-50.9	36.9	170
2008/01/01 18:05:27	14630 1998 VQ31	7.9	16.60	6.16	221	0.7	37°15'34" 48°09'52"	162	0.4	TYC 18800326	10.44	7 ^h 48 ^m 03.209 ^s 5°26'46.903"	-40.9	156.9	-40.9	87.1	-48.6	36.7	108
2008/01/02 00:02:23	25281 1998 WP	7.2	17.43	7.04	74	0.6	36°16'29" 49°23'12"	181	1.9	TYC 78001259	10.40	7 ^h 58 ^m 56.840 ^s 8°22'15.704"	-51.1	157.4	-51.1	88.2	2.0	34.5	131
2008/01/02 02:25:42	6895 1987 DG6	16.1	17.95	5.28	42	1.2	36°45'31" 50°16'43"	53	7.4	UCAC2 40317855	12.68	5 ^h 55 ^m 02.660 ^s 24°06'15.618"	-28.9	167.9	-28.9	121.5	18.3	33.5	74
2008/01/02 13:43:00	26373 1999 CZ74	9.5	18.38	6.20	75	0.6	36°43'06" 49°25'45"	156	2.9	TYC 1400987	12.19	0 ^h 47 ^m 14.317 ^s 4°11'42.937"	-0.7	91.1	-0.7	156.0	-40.0	29.5	94
2008/01/02 18:44:12	11852 Shoumen	9.1	16.66	4.75	38	1.6	36°36'01" 49°46'27"	144	4.7	TYC 300900339	11.92	10 ^h 55 ^m 20.780 ^s 40°23'46.639"	-46.7	126.2	-46.7	75.5	-53.2	27.8	66
2008/01/02 18:53:34	759 Vinifera	45.1	14.92	3.80	102	3.3	35°15'42" 50°41'07"	314	4.6	UCAC2 47402735	11.15	5 ^h 02 ^m 26.829 ^s 46°09'07.322"	-48.1	148.1	-48.1	136.6	-52.2	27.6	49
2008/01/02 20:29:13	3366 Godel	18.2	16.01	3.24	156	1.4	36°23'08" 51°26'42"	3	2.1	UCAC2 34637237	12.83	7 ^h 33 ^m 12.991 ^s 8°05'28.602"	-59.9	162.0	-59.9	103.8	-39.8	27.1	99
2008/01/03 02:00:00	8508 1991 CU1	5.5	16.07	5.86	82	0.7	35°54'25" 49°21'25"	199	1.6	TYC 186400604	10.22	6 ^h 06 ^m 59.859 ^s 23°27'27.851"	-33.0	169.7	-33.0	130.3	7.5	25.1	69
2008/01/03 05:07:01	2835 Ryoma	25.2	17.88	4.84	156	0.6	37°54'39" 50°59'57"	48	1.2	UCAC2 23394182	13.05	15 ^h 59 ^m 22.507 ^s -21°18'49.759"	-4.2	40.0	-4.2	19.0	19.4	24.1	69
2008/01/03 14:55:05	1711 Sandrine	20.8	15.06	1.81	169	1.7	35°05'08" 51°21'36"	330	0.5	UCAC2 36435271	13.48	6 ^h 26 ^m 28.166 ^s 13°15'40.561"	-10.6	168.4	-10.6	129.6	-47.2	21.0	66
2008/01/03 18:29:57	28727 2000 GO113	6.6	17.06	4.98	199	0.6	37°05'08" 48°20'04"	163	0.7	TYC 12201023	12.10	5 ^h 36 ^m 59.676 ^s 4°11'50.328"	-44.5	153.5	-44.5	138.8	-61.6	19.8	157
2008/01/03 19:11:02	44506 1998 XS39	10.0	16.20	2.68	99	0.8	35°39'37" 50°50'29"	333	2.4	UCAC2 41013698	13.62	7 ^h 27 ^m 11.451 ^s 26°20'49.061"	-50.5	171.9	-50.5	121.2	-58.6	19.6	99
2008/01/03 19:25:58	8619 1981 EH1	10.5	16.60	2.84	143	1.0	36°34'53" 51°19'07"	8	1.1	UCAC2 36594107	13.84	5 ^h 30 ^m 59.384 ^s 13°57'34.875"	-52.5	158.2	-52.5	144.7	-57.1	19.5	83

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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}
2008/01/04 03:06:16	8835 Annona	10.5	16.66	4.04	192	0.9	34°11'30" 48°59'34"	232	0.8	UCAC2 42402235	12.65	7 ^h 46 ^m 47.992 ^s 30°14'12.493"	35.7	276	166.5	-22.4	121.6	6.4	17.2	109
2008/01/04 03:09:20	1048 Feodostia	70.2	14.72	2.22	62	1.8	36°12'18" 50°36'08"	355	20.1	UCAC2 26467284	12.65	15 ^h 31 ^m 14.337 ^s −14°53'30.869"	13.6	134	49.0	-21.9	9.1	6.7	17.1	32
2008/01/04 14:28:42	560 Delli	37.2	16.61	4.04	216	0.9	37°32'30" 48°17'25"	155	0.0	UCAC2 24009571	12.60	21 ^h 24 ^m 20.920 ^s −20°01'39.368"	13.2	214	33.9	-6.6	76.8	-38.3	13.9	47
2008/01/04 16:43:27	57331 QU245	5.0	17.95	6.20	39	0.7	36°44'36" 50°14'01"	58	0.6	UCAC2 25689252	11.75	5 ^h 13 ^m 30.680 ^s −16°29'55.878"	11.5	134	133.0	-27.4	133.5	-57.9	13.4	327
2008/01/04 16:45:12	29665 WD24	11.0	17.04	3.12	172	0.8	34°47'45" 51°16'18"	322	1.3	UCAC2 43769283	13.98	6 ^h 07 ^m 54.480 ^s 34°28'21.024"	43.9	86	163.7	-27.7	149.2	-58.1	13.3	117
2008/01/04 17:32:28	15277 PC7	6.9	17.46	5.56	229	0.5	35°12'44" 51°59'17"	340	0.3	UCAC2 40000383	11.90	6 ^h 46 ^m 16.366 ^s 23°07'33.164"	37.7	98	177.0	-35.3	140.6	-62.9	13.1	115
2008/01/04 19:49:40	2546 Libitina	18.2	15.96	2.65	101	1.8	35°38'55" 50°51'30"	333	4.3	UCAC2 43926258	13.41	4 ^h 52 ^m 29.359 ^s 34°42'28.012"	74.6	193	149.8	-55.4	165.2	-62.1	12.5	94
2008/01/04 20:03:19	564 Dudu	49.6	15.63	3.08	225	3.4	35°51'36" 48°03'00"	188	0.0	UCAC2 42372598	12.61	5 ^h 16 ^m 55.053 ^s 30°09'37.161"	70.3	184	155.9	-57.0	162.1	-60.8	12.4	44
2008/01/04 20:56:18	1589 Fanatica	13.2	15.09	2.07	57	1.5	36°25'26" 50°33'23"	10	4.3	UCAC2 40149503	13.19	5 ^h 39 ^m 50.097 ^s 23°45'22.867"	63.0	199	161.6	-61.6	157.4	-54.4	12.2	37
2008/01/04 21:06:00	7551 Ed-stolper	11.5	18.15	4.56	252	0.8	36°09'60" 52°18'50"	358	0.1	UCAC2 32476396	13.61	1 ^h 08 ^m 47.016 ^s 2°10'13.371"	8.5	263	92.9	-62.1	132.5	-53.1	12.2	85
2008/01/04 21:27:08	2604 Marshak	18.0	16.89	3.33	47	1.3	36°01'38" 49°39'50"	203	8.4	UCAC2 37709750	13.61	8 ^h 04 ^m 25.691 ^s 16°43'03.848"	53.5	148	163.7	-62.8	123.2	-50.1	12.1	68
2008/01/04 21:58:44	4420 Alan-dreev	12.0	17.05	6.05	46	0.8	36°22'21" 49°38'19"	172	4.8	TYC 187501745	11.00	5 ^h 58 ^m 35.418 ^s 28°08'08.599"	63.4	223	165.1	-62.6	154.2	-45.5	11.9	87
2008/01/04 22:18:10	136919 HZ138	5.8	17.44	5.61	60	0.6	35°52'06" 49°34'34"	210	1.3	UCAC2 46403798	11.84	5 ^h 38 ^m 12.865 ^s 42°01'17.748"	67.8	261	154.2	-61.8	154.7	-42.5	11.8	173
2008/01/04 22:29:40	9028 Konrad-benes	6.9	16.12	4.32	203	1.6	34°40'51" 48°33'26"	215	0.1	UCAC2 38744098	11.82	4 ^h 44 ^m 31.145 ^s 19°39'33.753"	42.5	248	148.3	-61.1	168.8	-40.8	11.8	79
2008/01/05 03:33:44	28024 BT14	11.5	17.15	4.15	36	1.0	36°04'31" 49°45'13"	205	3.8	UCAC2 41499169	13.03	5 ^h 11 ^m 11.992 ^s 27°31'53.208"	5.9	307	154.7	-18.0	167.5	1.8	10.5	116
2008/01/05 17:43:43	17276 LU22	8.7	16.88	5.00	247	0.8	35°42'51" 52°14'01"	350	0.3	UCAC2 33212015	11.89	7 ^h 59 ^m 52.228 ^s 4°22'08.320"	14.2	100	157.2	-36.9	128.5	-60.6	7.4	112
2008/01/05 18:01:50	1005 Arago	57.8	15.60	3.08	262	1.6	35°44'05" 47°43'20"	189	0.0	UCAC2 28471806	12.58	22 ^h 25 ^m 52.570 ^s −9°47'55.762"	1.9	252	49.9	-39.8	80.9	-62.7	7.3	68
2008/01/05 18:41:27	5237 Yoshikawa	7.6	15.91	5.58	102	0.8	35°57'57" 50°56'15"	347	1.3	TYC 241900614	10.34	6 ^h 03 ^m 56.569 ^s 31°14'41.235"	61.2	119	164.1	-45.9	163.1	-66.1	7.2	63
2008/01/05 19:24:44	717 Wisibada	31.0	15.33	2.40	57	2.3	36°19'43" 49°31'59"	177	12.9	UCAC2 40340672	13.06	7 ^h 23 ^m 35.014 ^s 24°04'48.925"	50.5	117	175.2	-52.1	145.4	-67.6	7.0	65
2008/01/05 20:19:00	1074 Bel-jawska	47.8	15.42	3.85	268	1.9	32°39'18" 50°43'02"	286	0.0	TYC 525300475	11.60	23 ^h 56 ^m 53.395 ^s 0° −36'28.814"	1.7	267	74.3	-58.5	104.1	-65.6	6.8	45

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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}	
2008/01/05 22:04:57	1336 Zee-landia	21.0	15.34	2.36	216	3.2	37°18'16'' 51°52'42''	20	0.2	UCAC2 38741786	13.11	4 ^h 18 ^m 16.330 ^s 19°53'18.626''	41.9	249	141.3	-62.3	168.4	-53.3	6.4	75	
2008/01/06 01:19:00	7296 Lamarck	5.2	16.40	5.92	249	0.6	34°41'59'' 48°04'14''	207	0.0	TYC 133800241	10.48	6 ^h 44 ^m 19.583 ^s 20°24'36.791''	34.7	261	174.7	-39.6	156.0	-23.8	5.8	67	
2008/01/06 02:56:21	3210 Lupishko	19.1	17.25	4.27	77	0.5	36°46'12'' 50°40'04''	27	5.6	UCAC2 28744590	13.00	15 ^h 54 ^m 29.612 ^s −8°40'10.142''	15.4	125	47.8	-23.9	25.6	-10.0	5.5	101	
2008/01/06 03:02:34	6895 DG6	1987	18.05	5.26	199	1.2	37°46'57'' 51°33'41''	32	0.3	UCAC2 40316593	12.80	5 ^h 51 ^m 14.973 ^s 24°04'19.112''	12.6	293	162.9	-23.0	169.6	-9.2	5.5	75	
2008/01/06 04:22:00	6532 Scarfe	15.1	18.00	4.91	256	0.7	37°53'15'' 52°06'50''	26	0.2	UCAC2 29284849	13.10	14 ^h 00 ^m 02.801 ^s −7°00'27.501''	33.0	176	74.8	-10.6	49.5	0.3	5.3	95	
2008/01/06 13:56:09	6858 ST10	1990	15.87	2.79	109	1.7	36°58'43'' 50°55'08''	27	1.8	UCAC2 46238870	13.17	3 ^h 36 ^m 44.582 ^s 41°52'34.443''	46.6	75	132.3	-1.8	152.6	-19.6	3.7	194	
2008/01/06 18:52:36	31292 FK66	1998	17.53	5.81	172	0.5	35°50'43'' 51°33'50''	349	0.5	TYC 137400681	11.73	7 ^h 48 ^m 07.099 ^s 22°17'05.041''	41.2	105	170.8	-47.4	151.3	-63.0	3.0	103	
2008/01/06 20:19:32	74431 BK12	1999	17.67	5.83	95	0.6	35°14'19'' 50°34'42''	308	1.5	UCAC2 32812999	11.84	2 ^h 59 ^m 35.678 ^s 3°17'14.669''	31.5	232	116.9	-58.4	133.2	-68.1	2.8	120	
2008/01/07 02:35:08	1289 Kutaissi	25.6	14.88	2.31	108	1.9	35°28'54'' 49°13'34''	212	0.0	UCAC2 38783514	12.71	7 ^h 27 ^m 18.632 ^s 19°31'08.218''	28.1	267	175.0	-27.3	158.8	-20.4	2.0	22	
2008/01/07 02:36:25	15474 BG11	1999	17.77	6.01	224	0.6	34°33'38'' 48°22'59''	214	0.2	UCAC2 40819003	11.76	5 ^h 41 ^m 40.082 ^s 25°38'44.881''	15.7	291	159.7	-27.1	175.0	-20.2	2.0	110	
2008/01/07 04:31:33	7605 SR1	1995	17.32	4.02	41	1.3	35°58'05'' 50°21'06''	326	3.4	UCAC2 47264818	13.33	2 ^h 23 ^m 55.436 ^s 45°34'55.215''	5.7	356	118.6	-9.2	133.0	-4.6	1.8	183	
2008/01/07 22:57:17	14938 DN	1995	17.05	3.41	222	0.9	37°23'11'' 51°55'03''	21	0.4	UCAC2 35528041	13.69	5 ^h 50 ^m 52.013 ^s 10°45'23.051''	39.0	234	157.1	-58.7	159.0	-59.8	0.4	103	
2008/01/08 04:26:36	5838 Hamsun	12.6	16.32	4.19	233	1.7	36°15'39'' 47°57'15''	180	0.0	UCAC2 30852771	12.15	9 ^h 14 ^m 00.971 ^s −2°42'16.728''	9.7	254	141.5	-9.9	136.8	-11.1	0.2	68	
2008/01/08 14:48:33	733 Mocia	88.4	14.32	1.05	46	6.6	35°38'56'' 50°05'09''	275	45.8	UCAC2 47982337	13.79	5 ^h 31 ^m 04.924 ^s 49°20'04.920''	42.6	60	145.9	-8.9	147.3	-10.0	0.1	47	
2008/01/08 14:53:42	16358 Ple-setsk	11.0	15.92	2.11	177	1.0	35°33'40'' 51°34'12''	343	0.7	UCAC2 39634938	13.98	6 ^h 02 ^m 16.721 ^s 22°14'30.024''	21.1	80	162.9	-9.7	160.9	-10.7	0.1	90	
2008/01/08 16:10:33	54474 OV13	2000	18.97	7.79	204	0.6	33°47'26'' 50°57'28''	300	0.7	TYC 237301926	11.18	4 ^h 38 ^m 21.295 ^s 31°10'30.621''	53.1	104	143.8	-21.5	142.4	-21.8	0.1	194	
2008/01/08 16:48:40	1678 Hveen	39.9	15.92	3.47	45	11.1	36°49'33'' 50°15'39''	58	16.9	UCAC2 42007624	12.49	2 ^h 50 ^m 24.431 ^s 29°28'32.637''	69.1	164	120.5	-27.6	118.7	-27.6	0.1	80	
2008/01/08 21:37:23	4041 Miyamotoyohko	17.4	15.98	3.14	168	1.3	37°15'36'' 51°25'27''	24	2.3	UCAC2 39639359	12.90	6 ^h 16 ^m 18.730 ^s 22°21'15.397''	60.3	207	165.9	-62.4	160.7	-64.1	0.2	126	
2008/01/09 14:52:45	9083 Ram-boehm	13.8	15.01	2.28	214	1.2	37°54'04'' 48°26'41''	147	1.3	UCAC2 37692246	12.87	6 ^h 45 ^m 23.850 ^s 16°52'16.101''	10.7	77	170.2	-9.4	157.5	-1.0	1.4	143	
2008/01/09 21:58:25	8226 TF7	1996	16.48	4.93	142	5.3	38°14'20'' 49°49'42''	100	2.1	TYC 65801094	11.56	3 ^h 53 ^m 23.037 ^s 7°40'11.280''	27.1	248	127.9	-62.0	111.3	-58.9	2.1	98	

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2008/01/10 00:56:01	7520 1990 BV	7.6	15.44	4.01	222	1.4	38°51'51" 48°58'14"	123	0.2	UCAC2 39098528	11.45	5 ^h 07 ^m 45.325 ^s 20°39'28.548"	20.6	278	148.7	-43.0	130.5	-52.5	2.5	94
2008/01/10 14:53:16	2026 Cottrell	9.1	15.77	6.79	8	1.0	36°13'09" 50°06'11"	322	5.0	TYC 188100660	8.98	6 ^h 08 ^m 39.657 ^s 25°39'26.158"	23.7	78	162.2	-9.3	137.3	8.7	4.7	72
2008/01/10 15:08:32	925 Alphon-sina	54.3	13.40	0.62	262	3.4	35°15'09" 47°47'29"	196	0.0	UCAC2 42871050	13.68	1 ^h 06 ^m 23.371 ^s 31°33'59.791"	71.6	170	97.6	-11.5	74.9	6.9	4.8	31
2008/01/10 16:36:59	30453 2000 NQ25	10.5	16.89	4.34	184	0.7	37°44'18" 48°41'18"	146	0.7	UCAC2 40849432	12.57	7 ^h 57 ^m 48.048 ^s 25°31'31.531"	22.8	77	171.7	-25.4	160.5	-4.8	5.1	99
2008/01/10 18:18:14	31734 1999 JT71	6.9	18.06	9.45	125	1.5	37°03'60" 51°03'15"	26	1.3	TYC 66800917	8.61	4 ^h 22 ^m 57.820 ^s 9°04'17.188"	49.0	172	134.4	-41.5	108.3	-19.9	5.4	149
2008/01/10 19:31:25	3024 Hainan	35.6	15.86	2.06	96	2.9	35°53'57" 50°52'37"	343	8.3	UCAC2 46409060	13.97	6 ^h 03 ^m 03.011 ^s 42°24'25.138"	79.0	128	153.2	-52.2	130.9	-31.1	5.6	129
2008/01/10 19:59:09	9117 Aude	11.0	14.50	5.55	159	1.3	35°39'27" 48°40'37"	196	1.5	HIP 39308	8.96	8 ^h 02 ^m 13.900 ^s 28°11'02.988"	55.9	117	169.6	-55.6	158.5	-35.2	5.7	117
2008/01/10 22:18:46	4424 Arkhipova	25.0	15.27	2.72	66	2.8	36°52'50" 50°29'53"	40	8.7	UCAC2 35752758	12.65	9 ^h 12 ^m 49.571 ^s 11°09'53.590"	48.8	154	152.4	-61.2	174.3	-52.3	6.2	85
2008/01/11 00:08:42	8205 Van Djek	11.0	16.03	2.61	23	1.0	36°27'19" 50°13'06"	32	3.7	UCAC2 39297644	13.52	6 ^h 55 ^m 30.230 ^s 21°06'46.058"	44.8	247	172.7	-49.9	143.1	-55.4	6.6	116
2008/01/11 02:44:18	2474 Ruby	17.8	16.66	4.51	128	1.4	35°41'40" 48°57'55"	199	3.2	UCAC2 37851689	12.17	5 ^h 44 ^m 51.055 ^s 17°15'39.135"	6.2	290	155.5	-25.7	124.9	-40.5	7.2	101
2008/01/11 15:46:07	717 Wisibada	31.0	15.32	3.65	175	2.3	35°00'04" 51°23'45"	329	0.6	TYC 190900050	11.71	7 ^h 18 ^m 04.315 ^s 24°13'33.847"	20.7	77	176.4	-17.1	139.5	12.7	10.4	66
2008/01/11 22:49:12	13390 Bouska	7.9	17.83	6.58	248	1.7	39°44'29" 50°18'48"	83	0.0	TYC 27401051	11.25	11 ^h 36 ^m 40.131 ^s 4°20'42.913"	31.0	125	118.0	-59.0	159.0	-45.6	12.4	84
2008/01/12 00:31:29	17212 2000 AV183	10.0	18.59	6.56	16	0.6	36°08'27" 49°56'34"	222	2.1	UCAC2 36277706	12.03	7 ^h 10 ^m 48.393 ^s 12°49'40.963"	36.6	243	169.9	-46.6	133.7	-50.1	12.9	188
2008/01/12 15:11:51	7662 1994 RM1	15.8	16.97	3.23	121	1.2	36°19'48" 48°57'33"	179	3.0	UCAC2 31990815	13.80	6 ^h 14 ^m 35.233 ^s 0°59'30.639"	8.5	99	151.7	-11.7	111.5	26.8	17.6	152
2008/01/12 15:20:59	4196 Shuya	24.0	16.30	3.19	158	1.6	37°12'19" 48°45'49"	155	3.4	UCAC2 39297171	13.17	6 ^h 53 ^m 20.675 ^s 21°06'01.951"	19.0	79	170.6	-13.1	121.2	25.9	17.6	121
2008/01/12 18:23:50	29584 1998 FQ60	6.3	17.34	5.88	243	0.8	37°03'12" 47°55'11"	167	0.3	TYC 186701682	11.47	5 ^h 58 ^m 28.911 ^s 24°43'57.975"	58.0	132	157.8	-42.1	106.7	2.2	18.7	132
2008/01/12 19:20:29	2474 Ruby	17.8	16.69	5.84	236	1.4	36°38'35" 47°56'13"	174	0.5	TYC 130200530	10.86	5 ^h 43 ^m 31.068 ^s 17°14'26.757"	56.8	166	153.5	-50.3	102.6	-6.4	19.1	102
2008/01/12 23:55:48	16792 1997 AK13	10.5	16.27	2.92	161	0.9	34°36'39" 49°05'13"	228	1.5	UCAC2 41524705	13.42	6 ^h 53 ^m 29.068 ^s 27°42'17.222"	50.2	253	168.7	-51.5	115.5	-41.3	20.7	127
2008/01/13 01:10:48	1913 Sekanina	16.6	15.35	3.87	126	1.4	35°29'46" 49°02'21"	207	2.0	TYC 189802448	11.51	6 ^h 57 ^m 14.058 ^s 25°06'09.968"	37.1	266	170.5	-40.6	116.0	-43.8	21.2	72
2008/01/13 14:36:45	13042 1990 QE	6.6	17.24	7.35	252	0.6	39°45'10" 50°29'37"	79	0.6	TYC 290901394	9.89	5 ^h 23 ^m 26.814 ^s 37°58'54.640"	38.3	74	146.7	-6.3	87.7	38.6	26.4	197

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 5		LinOccult 1.1.1				
		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}
2008/01/13 16:54:29	7432 HL5	12.6	16.84	4.12	5	0.8	36°15'00" 50°05'17"	330	5.3	UCAC2 39839891	12.74	7 ^h 41 ^m 08.700 ^s 22°48'02.371"	28.2	87	178.5	-27.7	117.5	26.3	27.3	95
2008/01/13 18:20:14	3115 Baily	18.0	14.52	1.99	120	1.9	36°33'50" 48°59'08"	170	2.1	UCAC2 33391899	12.72	8 ^h 50 ^m 37.934 ^s 4°51'54.948"	17.4	104	155.9	-41.3	136.6	14.5	27.9	66
2008/01/13 18:53:18	1964 Luyten	7.6	15.71	4.24	41	0.8	36°11'21" 50°24'23"	350	4.1	TYC 136600302	11.50	7 ^h 51 ^m 51.033 ^s 17°21'54.886"	41.2	115	174.9	-46.3	120.0	9.6	28.1	59
2008/01/13 22:45:35	5698 Nolde	14.5	17.21	5.12	15	1.8	36°20'40" 50°10'31"	16	5.7	UCAC2 39799079	12.10	4 ^h 44 ^m 07.516 ^s 22°37'22.955"	36.7	262	139.5	-59.0	73.5	-24.1	29.8	100
2008/01/14 00:35:30	49646 JX34	6.0	16.94	4.75	89	0.7	37°16'04" 50°32'54"	52	1.4	TYC 298601023	12.20	9 ^h 03 ^m 00.016 ^s 40°34'19.965"	71.9	247	153.9	-45.9	121.6	-34.6	30.5	132
2008/01/14 00:51:40	4892 Chrispol-las	10.0	15.41	7.05	194	1.2	37°06'40" 51°42'23"	18	0.4	TYC 73200425	8.36	6 ^h 24 ^m 01.096 ^s 8°53'50.619"	22.1	257	157.9	-43.5	96.4	-35.5	30.7	90
2008/01/14 01:56:17	58877 HM124	8.7	18.23	7.44	31	0.7	36°16'50" 49°46'17"	181	2.2	TYC 543201904	10.79	8 ^h 25 ^m 37.809 ^s -10°37'20.469"	14.5	233	146.0	-33.3	126.7	-37.2	31.1	154
2008/01/14 05:22:20	34712 ON103	10.5	16.56	3.32	73	0.9	35°34'37" 49°35'03"	225	2.7	UCAC2 45325406	13.29	6 ^h 27 ^m 13.446 ^s 38°47'16.367"	7.9	325	156.5	-1.6	91.8	-22.0	32.6	132
2008/01/14 18:15:07	1574 Meyer	58.7	15.38	3.38	137	4.2	35°55'34" 51°15'29"	349	3.6	UCAC2 33033825	12.05	8 ^h 02 ^m 50.926 ^s 3°41'59.465"	23.5	114	161.7	-40.3	112.1	27.1	38.2	61
2008/01/14 18:32:20	6934 YN2	13.2	16.04	2.40	192	1.2	36°11'56" 51°46'06"	358	1.5	UCAC2 40997023	13.77	6 ^h 14 ^m 30.331 ^s 26°21'06.717"	59.4	131	159.2	-43.0	82.8	24.7	38.4	140
2008/01/14 21:29:26	12199 Sohlman	5.8	16.94	5.00	101	0.5	36°08'17" 49°08'48"	186	1.2	UCAC2 36276575	11.95	7 ^h 07 ^m 12.019 ^s 12°37'42.515"	52.5	189	167.8	-61.3	95.2	-1.9	39.7	72
2008/01/14 22:20:48	4393 Dawe	10.5	17.59	4.27	120	0.9	36°52'54" 51°03'12"	21	2.0	UCAC2 39451347	13.34	5 ^h 51 ^m 44.011 ^s 21°54'49.017"	49.6	240	154.0	-60.5	75.7	-9.3	40.2	97
2008/01/14 22:45:06	95318 CF107	5.2	19.83	7.54	193	0.5	35°31'21" 48°23'10"	196	0.5	TYC 142600548	12.29	10 ^h 19 ^m 54.686 ^s 21°34'02.884"	56.2	138	143.8	-59.0	134.2	-12.6	40.3	320
2008/01/14 23:05:54	10630 BV12	8.7	17.60	6.96	236	0.9	37°22'36" 52°03'06"	19	0.0	TYC 83400661	10.65	9 ^h 46 ^m 45.557 ^s 14°09'49.654"	53.4	163	149.9	-57.1	131.1	-15.3	40.5	72
2008/01/15 00:08:50	4637 Odorico	7.9	16.44	5.56	212	0.9	35°22'05" 48°14'08"	198	0.1	TYC 82500209	10.88	9 ^h 11 ^m 57.322 ^s 14°27'39.709"	52.8	203	158.0	-49.6	122.5	-22.4	41.0	77
2008/01/15 00:43:26	116695 CQ91	6.0	18.24	6.14	215	0.6	37°18'21" 51°51'56"	20	0.7	TYC 240701973	12.11	5 ^h 28 ^m 27.148 ^s 33°33'19.930"	31.8	286	147.7	-44.6	69.1	-25.6	41.3	207
2008/01/15 00:57:49	29906 HF12	5.0	19.05	8.27	244	0.6	36°41'10" 52°13'39"	7	0.3	TYC 489900379	10.78	9 ^h 55 ^m 35.715 ^s -2°41'31.242"	35.7	199	139.9	-42.4	137.3	-26.7	41.3	145
2008/01/15 19:40:10	14627 Emilkowalski	7.9	17.01	8.95	69	1.5	36°20'07" 50°40'07"	3	2.0	HIP 57234	8.06	11 ^h 44 ^m 07.449 ^s 29°34'48.383"	22.2	70	126.4	-52.3	130.3	26.7	50.0	142
2008/01/15 20:57:58	10764 Rubezahl	8.7	17.41	6.51	241	0.7	35°13'03" 47°59'55"	199	0.4	TYC 189701640	10.90	6 ^h 45 ^m 22.412 ^s 24°40'18.597"	64.7	189	165.2	-59.9	74.6	14.9	50.7	121
2008/01/15 22:13:19	29778 CO48	6.9	18.16	6.97	132	0.7	36°14'50" 48°51'46"	181	1.3	TYC 141801022	11.20	10 ^h 02 ^m 30.761 ^s 21°21'09.041"	54.8	135	148.7	-60.7	117.6	3.7	51.3	133

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 6		LinOccult 1.1.1			
		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}	
2008/01/16 00:05:25	8962 Noctua	10.5	16.73	4.98	240	0.8	34°37'25" 48°10'56"	210	0.2	UCAC2 41534193	11.76	7 ^h 53 ^m 47.977 ^s 27°48'48"57.897"	56.1	242	173.1	-50.0	87.1	-11.2	52.2	95	
2008/01/16 00:35:39	57021 TG59	7.6	17.74	6.13	158	0.5	38°01'39" 50°55'56"	52	1.1	TYC 190301485	11.61	7 ^h 01 ^m 37.034 ^s 27°02'41.663"	42.9	262	167.8	-45.7	75.7	-14.6	52.4	206	
2008/01/16 02:30:30	1104 Syringa	22.1	18.95	5.97	49	0.6	36°10'28" 50°28'50"	351	8.2	UCAC2 25109356	12.99	16 ^h 55 ^m 26.073 ^s -17°42'49.856"	1.5	120	40.9	-27.7	133.4	-23.2	53.3	93	
2008/01/16 17:58:48	26415 XK83	5.5	16.60	6.28	143	0.8	35°45'16" 51°17'20"	345	0.9	TYC 132600745	10.33	6 ^h 15 ^m 55.355 ^s 22°20'06.642"	52.6	126	157.8	-37.4	56.0	52.0	60.6	113	
2008/01/16 20:13:40	12600 RM177	12.0	16.71	3.78	113	1.0	36°28'44" 51°03'18"	7	2.1	UCAC2 37892481	12.97	8 ^h 44 ^m 58.368 ^s 17°20'34.918"	46.6	126	167.0	-56.0	89.7	33.8	61.6	75	
2008/01/16 21:15:07	8537 Bil-lochbull	11.5	17.20	3.28	188	0.8	35°45'29" 48°23'45"	192	0.6	UCAC2 33745734	13.97	8 ^h 19 ^m 46.060 ^s 5°54'08.222"	44.5	160	163.5	-60.5	87.1	24.5	62.1	93	
2008/01/16 22:56:05	14891 VY4	5.8	17.25	5.60	150	1.3	35°05'30" 48°56'45"	215	0.0	UCAC2 36298266	11.66	10 ^h 39 ^m 50.528 ^s 12°42'24.422"	48.0	144	139.2	-57.8	115.3	9.4	62.8	49	
2008/01/17 02:49:58	47318 XO13	6.6	17.35	5.78	64	0.6	36°49'51" 50°30'36"	37	1.5	UCAC2 37859227	11.58	6 ^h 13 ^m 45.774 ^s 17°24'28.397"	6.3	290	156.3	-24.5	51.1	-16.2	64.8	161	
2008/01/17 16:11:56	3760 Poutanen	10.0	16.75	2.97	229	1.3	36°58'37" 52°03'24"	12	0.1	UCAC2 37662771	13.85	5 ^h 02 ^m 49.543 ^s 16°35'23.943"	43.8	122	139.0	-20.1	27.4	61.7	70.7	85	
2008/01/17 16:22:22	5923 Liedeke	10.0	16.58	2.73	104	0.8	36°37'26" 49°08'13"	167	2.3	UCAC2 39836115	13.94	7 ^h 16 ^m 02.652 ^s 22°58'49.833"	29.7	89	170.6	-21.8	56.2	62.3	70.8	96	
2008/01/17 18:11:17	1492 Op-polzer	12.3	15.65	5.20	86	1.2	36°06'26" 49°17'03"	189	2.0	UCAC2 38048728	10.46	6 ^h 40 ^m 35.411 ^s 17°41'25.071"	47.7	127	162.0	-39.2	48.4	60.4	71.6	48	
2008/01/17 20:17:31	4318 Bata	15.8	16.22	4.46	50	2.1	36°18'14" 50°29'47"	1	5.4	TYC 241101123	11.78	5 ^h 30 ^m 18.431 ^s 35°11'14.147"	71.9	221	145.0	-56.2	30.4	45.0	72.5	104	
2008/01/17 23:40:36	881 Athene	28.8	14.63	1.99	217	1.9	36°45'03" 51°58'19"	9	0.2	UCAC2 36991988	12.83	7 ^h 42 ^m 04.258 ^s 14°36'38.172"	45.9	229	173.0	-52.9	60.1	14.6	74.0	74	
2008/01/18 00:26:16	26161 BY2	7.9	16.32	4.38	13	0.8	36°06'39" 50°01'59"	263	3.1	UCAC2 38589992	11.96	6 ^h 34 ^m 27.180 ^s 19°24'56.195"	33.3	261	160.6	-46.8	42.8	8.2	74.3	102	
2008/01/18 02:34:13	1960 Guisan	24.6	17.00	3.78	81	0.9	37°05'47" 50°33'46"	45	7.2	UCAC2 25546894	13.26	14 ^h 52 ^m 40.886 ^s -16°39'08.218"	17.9	148	71.6	-26.9	167.1	-6.6	75.2	71	
2008/01/18 03:38:27	65236 EW97	7.6	19.66	7.86	153	0.5	38°04'29" 50°49'17"	56	0.8	UCAC2 42903846	11.80	6 ^h 01 ^m 18.883 ^s 31°31'59.311"	8.5	310	151.9	-16.6	32.0	-11.6	75.7	360	
2008/01/18 15:23:55	1395 Aribeda	20.8	16.11	2.80	11	1.5	36°26'06" 50°05'10'	68	8.8	UCAC2 35923282	13.39	7 ^h 43 ^m 15.865 ^s 11°32'05.482"	8.1	82	170.2	-12.4	52.4	52.8	80.3	94	
2008/01/18 17:47:54	33470 FQ37	6.9	17.65	6.99	83	0.6	36°39'25" 49°20'44"	161	1.9	TYC 82201122	10.66	9 ^h 18 ^m 07.843 ^s 11°29'15.120"	16.0	91	159.2	-35.3	72.2	66.5	81.2	103	
2008/01/18 18:43:28	7159 Bob-joseph	5.8	16.98	6.87	171	1.2	36°01'51" 48°30'57"	186	0.2	TYC 129701127	10.12	5 ^h 35 ^m 39.059 ^s 16°18'32.174"	55.7	164	145.6	-43.9	20.7	65.4	81.6	74	
2008/01/18 22:24:39	6188 Robert-pepin	10.0	18.46	6.41	83	1.3	35°52'01" 49°21'20"	201	2.8	UCAC2 35215211	12.05	10 ^h 56 ^m 40.361 ^s 9°41'02.471"	41.0	133	136.3	-59.6	92.0	37.3	83.0	98	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		LinOccult 1.1.1			
		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}
2008/01/18 22:45:46	3405 Daiwen-sai	22.3	16.41	3.74	50	1.6	36°17'26'' 49°35'52''	180	10.7	UCAC2 33736686	12.70	7 ^h 31 ^m 28.840 ^s 5°37'58.341''	41.9	211	163.5	-58.3	48.3	34.0	83.1	55
2008/01/19 00:43:43	35503 1998 FT42	6.9	17.44	5.68	156	0.6	37°15'40'' 51°18'34''	26	1.1	TYC 195600434	11.77	9 ^h 02 ^m 25.047 ^s 28°39'23.639''	59.3	237	163.9	-44.2	58.4	16.5	83.9	175
2008/01/19 14:05:53	113 Amalthea	46.1	13.71	2.17	114	1.0	35°46'26'' 49°04'48''	199	0.0	TYC 635000746	11.69	21 ^h 06 ^m 44.877 ^s -17°38'19.304''	9.6	227	15.2	-0.8	125.1	32.5	88.3	20
2008/01/19 14:05:53	113 Amalthea	46.1	13.71	1.89	114	1.0	35°46'26'' 49°04'48''	199	0.0	UCAC2 25222397	12.03	21 ^h 06 ^m 44.877 ^s -17°38'19.304''	9.6	227	15.2	-0.8	125.1	32.5	88.3	20
2008/01/19 16:00:23	10109 1992 KQ	10.5	16.93	3.10	131	0.7	35°20'12'' 51°03'38''	329	1.3	UCAC2 41019935	13.89	8 ^h 32 ^m 22.566 ^s 26°10'12.179''	17.8	70	171.2	-17.9	43.6	50.1	88.9	76
2008/01/19 18:10:35	4915 Solzhen-itsyn	7.9	17.08	6.36	24	0.7	36°29'46'' 49°52'51''	141	3.6	TYC 64700372	10.72	3 ^h 03 ^m 29.122 ^s 13°31'31.411''	49.7	213	108.3	-38.7	35.1	66.0	89.6	84
2008/01/19 22:15:04	2837 Griboe-dov	13.8	16.38	5.82	212	1.8	37°23'43'' 51°49'04''	22	0.0	TYC 84400433	10.56	10 ^h 27 ^m 08.500 ^s 14°05'01.651''	47.6	138	145.6	-59.9	69.2	49.2	90.7	64
2008/01/20 02:43:52	3230 1990 Vampilov	23.4	17.92	6.02	247	1.9	39°00'30'' 51°26'36''	51	2.1	TYC 240500760	11.90	5 ^h 43 ^m 05.550 ^s 30°22'40.322''	11.2	304	146.4	-25.2	2.5	9.5	92.0	357
2008/01/20 16:29:33	5190 1990 UR2	15.1	15.64	2.08	254	1.9	32°44'44'' 49°54'42''	267	1.0	UCAC2 44275693	13.73	5 ^h 11 ^m 38.534 ^s 35°59'20.770''	61.4	106	138.4	-22.3	17.3	44.5	95.3	158
2008/01/20 16:31:42	32438 2000 RW98	9.1	16.99	5.48	211	0.7	37°00'50'' 48°12'59''	166	0.9	TYC 78900942	11.52	8 ^h 02 ^m 44.615 ^s 11°17'03.983''	17.0	93	171.0	-22.7	28.6	44.9	95.2	146
2008/01/20 18:51:35	34839 2001 SL263	10.5	17.07	7.10	186	1.0	36°50'28'' 51°40'36''	12	1.4	TYC 187701404	9.97	6 ^h 10 ^m 01.384 ^s 23°53'50.039''	62.0	153	152.3	-44.6	5.4	63.4	95.7	181
2008/01/21 00:53:45	8045 1989 Kamiyama	14.5	16.04	3.45	48	1.0	36°54'04'' 50°13'15''	66	4.5	UCAC2 24842319	12.63	12 ^h 45 ^m 34.396 ^s -18°22'39.587''	19.0	158	102.2	-42.5	98.3	34.0	96.8	119
2008/01/21 16:16:30	29156 1989 CH	9.5	15.99	4.60	130	0.9	36°47'38'' 51°10'10''	16	1.8	TYC 75102175	11.41	6 ^h 49 ^m 15.341 ^s 10°34'17.263''	26.3	106	157.9	-20.0	16.9	31.4	98.9	136
2008/01/21 17:24:11	641 Agnes	12.6	15.16	1.50	130	2.6	38°05'46'' 49°54'38''	97	0.0	UCAC2 35756811	13.97	10 ^h 41 ^m 17.854 ^s 11°21'35.613''	0.8	73	143.3	-30.9	47.8	41.7	99.0	19
2008/01/21 17:42:28	2940 Bacon	5.2	17.55	6.14	188	0.7	35°10'50'' 51°35'03''	335	0.3	UCAC2 39289734	11.41	6 ^h 29 ^m 09.826 ^s 21°03'52.150''	50.2	124	155.8	-33.8	14.3	44.5	99.0	91
2008/01/21 20:19:22	4870 Shcherban'	25.3	15.71	4.51	254	2.2	37°09'05'' 52°16'04''	14	1.8	TYC 190800781	11.22	7 ^h 07 ^m 16.076 ^s 28°59'09.230''	68.9	168	162.5	-55.5	7.6	63.2	99.3	158
2008/01/21 20:48:02	28290 1999 CY51	8.3	17.02	5.53	160	0.7	36°16'43'' 51°29'19''	360	1.0	TYC 247600488	11.50	8 ^h 05 ^m 12.724 ^s 33°59'31.341''	71.8	146	165.7	-57.9	11.3	64.5	99.3	103
2008/01/22 00:05:02	3253 Gradie	6.9	17.31	6.87	176	0.6	37°37'25'' 51°22'51''	33	0.3	TYC 243700357	10.45	6 ^h 54 ^m 30.389 ^s 31°28'52.851''	45.9	266	158.7	-49.3	13.4	48.6	99.5	77
2008/01/22 03:34:36	4840 Otay-nang	27.8	16.52	2.63	205	2.6	36°32'39'' 48°12'46''	175	0.9	UCAC2 29453921	13.99	9 ^h 26 ^m 53.857 ^s -6°41'47.655''	8.0	250	148.0	-16.8	37.9	16.4	99.7	90
2008/01/22 16:31:26	13698 1998 KF35	7.2	17.19	6.13	107	0.9	36°45'20'' 49°08'08''	162	1.4	TYC 188900827	11.06	6 ^h 09 ^m 13.707 ^s 29°00'27.845''	49.3	103	149.6	-22.2	31.5	22.1	99.9	73

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 8		LinOccult 1.1.1			
	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}
2008/01/22 18:28:24	8835 Annona	10.5	16.73	3.12	163	0.9	36°36'05'' 48°35'57''	172	1.3	UCAC2 42746834	13.68	7 ^h 29 ^m 37.730 ^s 31°19'22.209''	-40.8	110	164.2	-40.8	17.0	39.8	99.9	110
2008/01/22 18:50:17	8205 Van Dijk	11.0	16.32	3.15	97	1.2	36°18'55'' 49°10'37''	179	2.6	UCAC2 39295192	13.23	6 ^h 45 ^m 52.385 ^s 21°27'32.802''	-44.0	142	158.6	-44.0	24.4	43.0	99.9	118
2008/01/22 20:05:50	2396 Kochi	15.8	16.72	3.83	133	2.4	34°47'23'' 50°46'19''	307	2.5	UCAC2 33340155	12.92	3 ^h 57 ^m 54.801 ^s 4°37'25.611''	-53.9	230	115.2	-53.9	68.6	52.9	99.9	94
2008/01/22 23:22:45	5896 Narrenschiff	5.8	17.82	7.61	204	1.0	36°33'00'' 51°52'16''	5	0.0	TYC 28900987	10.21	12 ^h 32 ^m 20.133 ^s 0°26'19.479''	-54.2	133	114.9	-54.2	59.6	56.9	99.8	48
2008/01/23 00:24:28	52744 1998 HO136	5.8	18.79	7.12	76	1.0	36°57'52'' 50°34'17''	40	1.2	UCAC2 43407672	11.67	5 ^h 08 ^m 10.805 ^s 33°14'31.423''	-46.5	291	135.8	-46.5	49.6	50.2	99.7	166
2008/01/23 02:13:25	34060 2000 OZ45	10.5	18.37	4.62	147	0.9	38°07'29'' 50°39'02''	63	1.0	UCAC2 25540929	13.76	13 ^h 16 ^m 25.723 ^s -16°54'59.144''	-29.7	172	98.2	-29.7	75.3	34.4	99.6	80
2008/01/23 15:22:58	1492 Opolzer	12.3	15.80	2.63	195	1.4	35°47'44'' 51°46'07''	350	0.0	UCAC2 38229344	13.27	6 ^h 34 ^m 43.097 ^s 18°08'31.017''	-11.2	94	154.9	-11.2	38.8	0.5	98.6	48
2008/01/23 15:36:25	59480 1999 HJ7	5.8	17.99	5.86	209	0.6	38°03'29'' 48°33'48''	143	0.6	TYC 244700016	12.13	6 ^h 38 ^m 40.730 ^s 37°10'45.863''	-13.3	79	151.5	-13.3	40.6	2.4	98.5	148
2008/01/23 19:24:21	5106 Mortensen	13.8	17.05	8.38	11	1.3	36°09'48'' 49°59'13''	233	6.7	TYC 143401109	8.67	10 ^h 47 ^m 27.261 ^s 21°54'30.307''	-48.6	89	145.8	-48.6	20.1	36.4	98.1	81
2008/01/23 20:02:05	7439 Tetsufuse	6.0	17.11	6.14	235	0.7	36°43'29'' 52°08'22''	8	0.0	TYC 141400517	10.98	9 ^h 54 ^m 53.316 ^s 19°52'47.309''	-53.2	109	158.0	-53.2	7.7	41.6	98.0	71
2008/01/23 22:15:00	367 Amicitia	19.1	13.12	0.75	245	3.0	34°55'53'' 48°01'55''	203	0.0	UCAC2 40836606	13.13	6 ^h 41 ^m 47.306 ^s 25°36'18.214''	-59.1	237	156.1	-59.1	41.3	54.3	97.7	34
2008/01/24 00:07:04	964 Subamara	21.9	15.27	2.17	183	2.4	35°06'16'' 48°35'25''	208	0.0	UCAC2 44470391	13.26	6 ^h 35 ^m 50.358 ^s 36°04'36.012''	-48.7	277	151.3	-48.7	45.6	52.5	97.4	40
2008/01/24 01:31:11	3701 Purkyne	11.5	16.05	3.37	2	1.1	36°16'49'' 50°04'01''	348	6.1	UCAC2 39654287	12.73	7 ^h 03 ^m 54.959 ^s 22°04'00.144''	-36.3	274	161.4	-36.3	37.7	43.7	97.2	75
2008/01/24 01:41:31	2903 Zhuhai	13.2	16.88	3.02	64	0.8	35°43'47'' 49°35'41''	218	4.9	UCAC2 22707707	13.93	13 ^h 41 ^m 50.796 ^s -22°33'10.667''	-34.7	160	91.5	-34.7	69.7	42.3	97.2	71
2008/01/24 05:12:19	17314 Aisakos	22.9	18.86	5.22	97	1.2	37°36'02'' 50°16'42''	75	3.9	UCAC2 22712482	13.65	14 ^h 41 ^m 42.038 ^s -22°59'10.107''	-1.8	196	78.4	-1.8	80.7	10.1	96.7	210
2008/01/24 05:15:41	2753 Duncan	17.9	16.49	4.49	39	2.5	36°00'46'' 49°44'49''	210	9.3	UCAC2 35937465	12.02	10 ^h 42 ^m 44.733 ^s 11°42'17.177''	-1.3	268	145.6	-1.3	13.5	9.6	96.7	64
2008/01/24 15:22:52	26849 1992 HD4	5.5	17.10	8.28	9	0.5	36°21'50'' 49°59'04''	142	2.6	HIP 38243	8.82	7 ^h 50 ^m 04.141 ^s 8°54'00.388''	-11.0	86	166.7	-11.0	34.1	-10.7	94.9	84
2008/01/24 16:37:58	3598 Saucier	26.3	17.95	5.53	218	1.3	37°08'11'' 48°10'01''	164	0.6	UCAC2 34392226	12.43	1 ^h 20 ^m 57.809 ^s 7°50'58.803''	-22.8	220	77.7	-22.8	129.2	-0.3	94.6	91
2008/01/24 18:39:49	10883 1996 VU5	7.6	17.90	7.07	113	0.9	35°53'56'' 51°01'45''	346	1.6	TYC 123400225	10.83	3 ^h 31 ^m 35.871 ^s 16°34'24.209''	-42.0	222	110.6	-42.0	97.3	18.1	94.2	115
2008/01/24 20:18:18	138715 2000 SK129	5.8	18.38	8.29	78	1.6	36°42'41'' 50°41'48''	23	1.2	TYC 608001164	10.09	11 ^h 03 ^m 12.116 ^s -19°31'22.444''	-54.7	124	125.3	-54.7	31.6	32.5	93.9	175

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 9		LinOccult 1.1.1			
		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}
2008/01/24 20:36:04	5562 1991 VS	7.2	16.93	5.86	92	2.4	37°32'09" 50°15'53"	75	1.9	UCAC2 39800988	11.08	4 ^h 57 ^m 58.148 ^s 22°57'57.147"	52.1	237	131.6	-56.3	77.3	34.9	93.8	95
2008/01/24 21:56:05	26322 1998 VS6	5.8	17.97	6.74	240	0.5	35°32'13" 47°56'54"	193	0.2	TYC 75500543	11.23	6 ^h 49 ^m 57.732 ^s 13°00'31.309"	47.3	220	156.1	-59.3	52.1	44.1	93.5	118
2008/01/25 04:16:48	524 Fidelio	71.7	15.73	2.08	184	2.0	37°52'01" 51°21'50"	38	0.0	UCAC2 19448873	13.82	16 ^h 57 ^m 38.672 ^s -29°35'08.599"	6.1	154	48.4	-9.8	98.9	21.7	92.0	31
2008/01/25 17:27:14	1685 Toro	12.2	13.65	1.62	110	0.7	36°20'26" 49°03'28"	178	0.0	UCAC2 30298717	12.30	2 ^h 06 ^m 39.651 ^s -4°15'46.999"	29.7	216	83.2	-30.5	133.6	-4.4	88.7	4
2008/01/25 17:48:06	29513 1997 YT5	8.3	18.04	6.31	139	0.8	35°19'30" 51°08'27"	331	1.4	TYC 186400489	11.73	6 ^h 06 ^m 47.309 ^s 24°19'04.733"	58.5	135	146.5	-33.9	73.1	-1.3	88.6	145
2008/01/25 19:40:31	70991 1999 XG33	5.5	16.68	5.63	202	2.2	33°27'44" 49°56'36"	267	0.1	TYC 184500563	11.05	5 ^h 05 ^m 01.147 ^s 23°02'02.018"	59.1	217	132.3	-50.2	88.4	15.8	88.0	82
2008/01/25 22:21:48	4185 Phys-tech	6.6	16.42	5.95	95	1.0	36°00'32" 49°12'52"	192	0.4	TYC 83001209	10.47	10 ^h 12 ^m 06.173 ^s 7°45'34.392"	45.7	156	152.9	-58.3	14.9	36.7	87.3	39
2008/01/26 00:15:48	4345 Rachmaninoff	10.5	16.57	2.96	27	1.0	36°07'01" 49°49'53"	207	5.8	UCAC2 36471186	13.68	9 ^h 48 ^m 53.091 ^s 13°19'52.868"	50.7	208	160.4	-47.2	23.3	43.1	86.7	67
2008/01/26 01:21:59	31005 1995 WC31	10.0	17.91	5.05	252	1.0	39°18'08" 51°15'15"	58	0.3	UCAC2 39851045	12.87	11 ^h 12 ^m 03.038 ^s 22°35'25.135"	60.8	206	142.2	-37.5	19.9	41.7	86.4	112
2008/01/26 14:33:29	29172 1990 QL4	11.0	17.15	4.67	114	1.1	37°43'13" 49°36'46"	115	2.3	UCAC2 44643632	12.49	6 ^h 17 ^m 24.295 ^s 36°32'59.486"	36.5	74	145.3	-3.1	82.9	-36.3	82.4	125
2008/01/26 14:40:23	659 Nestor	108.9	16.38	5.94	279	2.5	33°22'25" 51°45'07"	312	9.2	TYC 580800400	10.45	21 ^h 58 ^m 10.297 ^s -13°44'37.388"	11.7	231	21.0	-4.1	150.9	-35.8	82.3	327
2008/01/26 19:33:39	27999 1997 WV21	7.2	17.71	6.14	207	1.1	36°08'46" 51°54'26"	357	0.6	UCAC2 40992048	11.58	6 ^h 02 ^m 49.250 ^s 26°06'30.859"	66.1	190	144.4	-49.1	87.8	3.6	80.7	127
2008/01/26 21:07:11	4368 Pillmore	20.9	16.29	3.25	121	1.6	35°40'45" 49°01'59"	201	3.5	UCAC2 29616994	13.09	7 ^h 20 ^m 58.769 ^s -6°14'39.100"	33.4	190	149.2	-57.9	67.8	17.4	80.2	200
2008/01/26 21:07:49	4763 Ride	11.5	17.70	4.73	231	0.7	34°33'48" 48°18'01"	212	0.5	UCAC2 40292709	12.98	1 ^h 51 ^m 38.154 ^s 24°15'15.401"	17.8	287	88.4	-57.9	143.6	17.4	80.2	114
2008/01/26 21:37:22	19590 1999 NG18	11.5	17.40	4.84	150	1.0	34°41'22" 49°11'12"	230	1.9	UCAC2 40827137	12.57	6 ^h 11 ^m 43.946 ^s 25°44'07.981"	54.9	239	146.4	-58.8	86.9	21.4	80.0	144
2008/01/26 22:12:32	81872 2000 LO4	6.3	18.75	7.09	17	0.6	36°06'55" 49°56'25"	226	1.3	UCAC2 36780648	11.66	6 ^h 00 ^m 49.698 ^s 14°20'08.534"	39.3	242	143.0	-58.4	89.1	25.7	79.8	193
2008/01/26 23:07:12	38046 Krasnoyarsk	8.7	19.52	7.56	4	1.0	36°19'38" 50°04'12"	49	1.5	UCAC2 41156932	11.96	5 ^h 31 ^m 57.327 ^s 26°41'37.528"	35.5	270	137.3	-55.0	96.7	31.4	79.5	235
2008/01/27 00:35:54	67 Asia	58.1	13.27	0.57	200	2.0	37°15'51" 48°21'58"	160	0.0	UCAC2 24855577	13.67	15 ^h 33 ^m 07.438 ^s -18°10'03.688"	2.6	123	70.9	-44.2	54.5	36.6	79.0	20
2008/01/27 02:04:17	1537 Transylvania	13.8	18.67	5.21	133	0.6	35°00'26" 49°11'26"	224	1.8	UCAC2 24364565	13.46	15 ^h 17 ^m 49.145 ^s -19°03'39.970"	13.9	145	74.3	-30.6	50.4	35.6	78.5	82
2008/01/27 04:18:06	86061 1999 RT19	9.5	18.36	6.34	194	0.9	38°53'34" 49°35'16"	105	0.8	TYC 554300780	12.03	13 ^h 13 ^m 08.210 ^s -13°28'35.476"	21.9	210	104.4	-9.3	19.2	23.6	77.7	116

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 10		LinOccult 1.1.1			
		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}	
2008/01/27 16:49:41	5583 Braunerova	11.0	16.80	3.06	49	1.6	36°05'59" 50°28'28"	344	3.7	UCAC2 40994233	13.81	6 ^h 07 ^m 23.449 ^s 26°17'15.473"	53.3	116	144.5	-24.1	97.8	-31.4	73.3	106	
2008/01/27 17:05:47	11670 Fournain	8.7	17.73	5.96	99	0.7	36°44'06" 49°12'30"	161	2.1	TYC 140301026	11.77	9 ^h 34 ^m 35.410 ^s 15°37'33.341"	15.4	84	166.1	-26.6	48.7	-29.2	73.2	84	
2008/01/27 19:33:32	12684 DQ	6.0	18.11	9.29	35	0.7	36°29'26" 49°45'36"	155	2.0	TYC 241300049	8.82	5 ^h 46 ^m 24.707 ^s 35°35'53.449"	74.2	209	138.5	-48.8	104.0	-7.2	72.3	118	
2008/01/27 21:33:56	991 McDonalda	31.4	16.16	2.86	73	2.0	35°57'18" 49°25'23"	199	7.3	UCAC2 39484709	13.38	8 ^h 29 ^m 57.580 ^s 21°34'43.643"	61.8	178	176.2	-58.5	67.5	10.5	71.6	44	
2008/01/28 00:07:46	9845 Okamuraosamu	11.5	15.75	2.36	169	1.2	34°27'45" 49°05'41"	231	1.6	UCAC2 39129999	13.53	7 ^h 04 ^m 11.480 ^s 20°43'32.673"	35.7	260	157.6	-47.9	88.0	27.4	70.6	155	
2008/01/28 01:17:14	27139 XX46	11.5	16.58	6.25	207	0.8	36°40'49" 51°53'32"	8	0.2	TYC 23100484	10.33	9 ^h 22 ^m 07.842 ^s 4°36'54.975"	32.8	232	162.7	-37.9	52.2	30.8	70.2	82	
2008/01/28 01:47:30	2430 Bruce Helin	11.8	16.99	3.27	122	1.3	37°54'59" 50°22'41"	72	1.8	UCAC2 42412619	13.78	12 ^h 26 ^m 36.452 ^s 30°06'57.224"	70.2	188	127.4	-33.1	39.4	31.2	70.0	80	
2008/01/28 02:29:04	1810 Epimetheus	11.5	14.60	1.64	61	1.6	36°46'23" 50°29'57"	35	4.5	UCAC2 37702555	13.23	7 ^h 19 ^m 51.503 ^s 16°50'34.368"	12.6	281	161.0	-26.5	84.8	30.5	69.7	53	
2008/01/28 15:19:07	6867 Kuwano	9.1	17.10	7.13	102	0.6	37°08'15" 49°18'41"	143	1.8	TYC 20201220	9.97	8 ^h 03 ^m 09.956 ^s 5°36'03.968"	5.9	88	164.3	-9.5	78.2	-50.0	64.9	71	
2008/01/28 16:48:33	57089 OF42	8.3	17.86	5.88	169	1.3	34°38'03" 48°58'29"	225	1.2	TYC 236202147	11.98	4 ^h 03 ^m 42.036 ^s 32°56'23.686"	72.7	165	116.7	-23.7	135.9	-41.5	64.3	158	
2008/01/28 19:54:32	114599 CG9	7.2	17.63	7.39	224	0.6	38°16'24" 48°30'26"	140	0.8	TYC 411102112	10.24	7 ^h 24 ^m 29.846 ^s 60°14'20.109"	78.4	23	135.7	-51.1	100.5	-14.6	63.1	218	
2008/01/28 21:05:38	51924 QW96	8.3	18.88	8.00	47	0.6	36°35'44" 50°25'18"	28	1.7	UCAC2 40967821	10.88	2 ^h 12 ^m 39.983 ^s 26°11'59.487"	21.6	285	91.6	-57.3	162.1	-3.8	62.7	187	
2008/01/28 21:45:15	4327 Ries	14.7	17.22	3.93	193	1.0	37°07'27" 51°42'08"	18	1.2	UCAC2 46282757	13.32	8 ^h 05 ^m 17.396 ^s 41°53'44.306"	80.0	220	154.9	-58.3	91.1	1.9	62.4	111	
2008/01/28 23:10:45	43275 ED95	8.3	17.65	7.70	152	1.0	36°13'58" 48°40'58"	181	0.3	TYC 26800265	9.96	11 ^h 07 ^m 40.323 ^s 6°30'32.408"	44.8	158	142.9	-54.2	39.6	13.0	61.9	64	
2008/01/29 04:04:24	3829 Gunma	24.3	18.10	5.61	129	0.6	37°15'27" 51°01'46"	32	3.3	UCAC2 25165527	12.50	18 ^h 26 ^m 39.801 ^s -17°30'22.997"	8.7	131	32.6	-11.1	69.9	22.7	60.0	79	
2008/01/29 04:31:27	212 Medea	136.1	14.73	1.87	211	4.0	34°07'13" 48°46'51"	228	0.0	UCAC2 21131736	13.08	17 ^h 01 ^m 51.498 ^s -26°15'21.745"	11.0	159	51.6	-6.9	49.5	20.8	59.8	40	
2008/01/29 15:06:13	171 Ophelia	116.7	14.75	1.81	218	2.7	37°07'58" 48°10'07"	164	0.0	UCAC2 27401661	13.17	22 ^h 13 ^m 12.885 ^s -12°49'27.527"	9.5	237	21.7	-7.3	117.7	-56.9	55.6	35	
2008/01/29 18:14:11	15214 DY	6.3	18.31	6.19	251	0.6	37°01'24" 47°50'57"	168	0.2	TYC 134200914	12.13	6 ^h 44 ^m 55.506 ^s 22°25'39.164"	57.2	138	151.3	-37.0	113.7	-39.9	54.4	113	
2008/01/29 22:31:09	398 Admete	47.0	14.32	1.06	245	3.2	34°26'13" 48°12'24"	213	0.0	UCAC2 39610692	13.77	3 ^h 04 ^m 20.892 ^s 22°11'37.947"	12.8	289	100.6	-56.9	166.4	-1.5	52.7	30	
2008/01/30 04:00:54	2409 Chapman	7.6	16.36	5.49	243	0.6	34°09'04" 48°21'54"	219	0.0	TYC 139300857	10.87	8 ^h 51 ^m 26.716 ^s 16°32'47.311"	11.1	283	178.5	-11.5	88.3	20.3	50.5	53	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 11		LinOccult 1.1.1				
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}
2008/01/30 04:04:56	4274 Kara-manov	9.1	16.71	5.56	180	1.9	34°22'44" 49°00'04"	229	0.7	TYC 241401085	11.16	5 ^h 56 ^m 20.736 ^s 34°26'35.253"	2.5	326	138.5	-10.8	130.2	20.2	50.4	100
2008/01/30 16:54:39	13612 1994 UQ1	5.8	18.14	6.16	120	0.5	36°05'25" 51°07'06"	353	1.2	UCAC2 37878268	11.99	7 ^h 05 ^m 36.381 ^s 17°19'57.319"	40.3	114	155.1	-24.2	118.9	-58.2	45.5	125
2008/01/30 23:17:55	33006 1997 EJ6	7.2	18.39	6.47	67	0.8	36°48'26" 50°32'45"	34	1.7	UCAC2 44289828	11.92	6 ^h 17 ^m 08.008 ^s 35°32'32.857"	44.3	276	141.5	-53.0	135.1	-4.5	42.9	158
2008/01/30 23:50:00	4492 Debussy	8.7	16.77	5.39	242	1.7	35°46'22" 47°54'04"	189	0.2	TYC 242700350	11.39	6 ^h 05 ^m 51.091 ^s 34°23'38.507"	36.7	282	139.6	-49.5	137.8	-0.4	42.7	100
2008/01/31 14:58:08	5865 Quaternocina	6.3	17.21	5.58	152	1.2	36°24'50" 51°24'44"	3	0.5	UCAC2 35715797	11.63	6 ^h 16 ^m 45.107 ^s 11°26'44.186"	25.9	104	141.6	-5.6	138.5	-59.5	37.1	81
2008/01/31 15:49:50	380 Fiducia	73.2	13.72	0.73	99	6.4	35°49'47" 50°53'19"	341	1.8	UCAC2 40678727	13.77	7 ^h 29 ^m 55.203 ^s 25°17'29.394"	32.8	89	158.9	-13.6	126.6	-63.7	36.7	30
2008/01/31 17:32:47	10817 1993 FR44	11.5	17.85	6.10	2	0.5	36°18'33" 50°02'39"	102	4.2	UCAC2 37116679	11.75	1 ^h 46 ^m 15.480 ^s 15°18'25.449"	40.9	241	79.1	-30.1	152.6	-62.1	36.0	110
2008/01/31 19:26:37	3329 Golay	17.4	15.38	9.34	24	1.5	36°16'12" 49°49'59"	183	7.8	HIP 45058	6.04	9 ^h 10 ^m 38.793 ^s 30°57'47.033"	55.2	108	165.9	-47.0	108.5	-48.4	35.3	85
2008/01/31 22:27:45	109629 2001 QR323	6.0	18.86	6.92	95	0.6	36°06'52" 49°11'57"	187	1.1	TYC 66200136	11.94	4 ^h 01 ^m 02.872 ^s 10°06'04.383"	11.9	272	108.6	-56.5	164.5	-20.9	34.2	192