

Occultations table

Observation point: VladimirNebotov
EMail: nebotov@ukr.net
Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')
Maximal Distance = 250.0
Maximal Mv = 14.00
Minimal Duration = 0.5s
Maximal Sun Elevation = 0.0
Minimal drop: 0.5
Minimal probability: 0.0
Minimal probability in nearest point: 0.5
Minimal star elevation: 0.0
Program: LinOccult 2.0.0
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 174

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 2.0.0			
		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}
2008/11/01 00:32:59	7318 Dyukov	13.2	16.76	3.86	72	2.7	36°42'06'' 50°38'15''	24	2.2 2.3	UCAC2 35192360	12.93	7 ^h 15 ^m 21.019 ^s 9°44'20.094''	45.4	146	109.3	-37.0	140.3	-64.3	8.7	226
2008/11/01 21:42:13	105 Artemis	119.1	13.63	0.78	206	9.7	34°53'52'' 48°26'19''	209	0.0 99.4	UCAC2 30505223	13.58	7 ^h 17 ^m 31.653 ^s −3°42'00.023''	12.3	111	106.3	-54.5	139.7	-52.6	13.9	22
2008/11/02 02:15:22	48498 BS6	11.5	17.31	4.29	211	0.8	34°42'39'' 48°27'07''	212	1.2 3.0	UCAC2 46366936	13.04	2 ^h 16 ^m 57.900 ^s 42°08'39.638''	38.0	293	152.4	-21.3	136.3	-59.3	15.2	152
2008/11/02 02:54:02	28863 JW65	8.3	18.36	6.84	171	1.0	34°53'48'' 51°18'35''	325	1.0 2.7	UCAC2 34056961	11.52	5 ^h 44 ^m 27.376 ^s 6°59'23.019''	37.9	227	131.8	-15.1	159.9	-54.2	15.4	125
2008/11/02 04:25:30	4352 Kyoto	15.1	16.66	3.33	125	0.6	36°32'55'' 51°09'21''	9	2.5 3.0	UCAC2 39669323	13.38	9 ^h 49 ^m 49.338 ^s 22°07'52.449''	62.2	174	78.0	-0.8	124.6	-40.5	15.7	204
2008/11/02 14:17:08	455 Bruch-salia	84.4	14.11	2.75	241	1.9	35°16'27'' 52°07'07''	343	0.0 74.8	UCAC2 23893075	11.45	16 ^h 06 ^m 48.953 ^s −20°14'39.374''	6.6	227	23.2	-1.9	28.0	11.0	18.6	37
2008/11/02 15:17:09	16156 AP39	10.5	17.99	5.09	199	0.7	35°26'58'' 51°45'11''	343	0.6 4.1	UCAC2 29563479	12.91	21 ^h 00 ^m 07.982 ^s −6°41'28.041''	33.1	171	95.0	-11.3	45.4	7.0	19.0	102
2008/11/02 20:58:59	51775 MZ2	7.9	17.80	6.14	122	0.9	37°08'56'' 49°06'31''	149	1.5 2.0	UCAC2 41322431	11.66	4 ^h 26 ^m 36.908 ^s 27°10'14.097''	56.1	120	150.9	-55.0	154.6	-38.0	20.7	156
2008/11/02 21:45:50	29260 FG12	7.2	18.28	6.92	14	0.6	36°22'17'' 49°55'57''	155	2.1 2.1	UCAC2 33210510	11.37	7 ^h 51 ^m 20.015 ^s 4°05'19.400''	14.3	101	101.2	-54.7	149.2	-45.2	21.0	140
2008/11/02 22:20:16	1039 Son-neberga	36.7	16.08	2.64	96	3.2	36°29'30'' 49°11'46''	171	5.3 27.7	UCAC2 37355695	13.54	8 ^h 05 ^m 13.407 ^s 15°48'12.389''	26.6	97	100.6	-53.0	154.2	-50.3	21.2	52
2008/11/03 00:22:32	18150 Lopez-Moreno	11.5	17.52	6.96	21	1.0	36°10'22'' 50°13'22''	337	3.0 3.0	TYC 7801076	10.56	4 ^h 28 ^m 25.322 ^s 4°08'00.497''	42.0	204	149.7	-39.1	143.7	-64.6	21.8	152
2008/11/03 00:42:16	14653 YV11	6.0	17.65	6.28	190	0.6	36°41'57'' 51°43'50''	9	0.1 3.5	UCAC2 38566035	11.37	5 ^h 00 ^m 16.357 ^s 19°11'58.365''	57.3	206	144.8	-36.2	158.4	-65.7	21.9	69
2008/11/03 03:40:55	6959 Mikkelkocha	15.8	16.30	4.38	66	1.7	35°28'11'' 49°46'31''	243	3.9 4.4	TYC 289901705	11.94	5 ^h 02 ^m 03.883 ^s 40°32'43.135''	48.7	280	139.0	-7.9	155.8	-53.9	22.9	145
2008/11/03 23:43:55	40723 SF7	5.2	18.51	6.54	202	0.9	34°23'00'' 48°43'21''	223	0.5 0.6	UCAC2 43081142	11.97	6 ^h 20 ^m 56.798 ^s 32°21'45.435''	67.4	134	126.8	-44.6	165.1	-53.5	29.8	370
2008/11/04 00:11:55	6062 Vespa	11.5	17.70	4.38	50	0.9	36°23'51'' 49°36'01''	171	4.2 4.8	UCAC2 38018077	13.34	4 ^h 10 ^m 41.407 ^s 17°46'46.873''	54.1	214	157.6	-40.8	135.7	-57.0	30.0	95
2008/11/04 04:21:27	10795 EB5	13.2	17.86	6.31	132	0.8	35°31'02'' 48°58'12''	205	2.4 4.4	UCAC2 32866010	11.56	8 ^h 59 ^m 52.010 ^s 3°09'31.974''	42.5	194	85.6	-1.9	149.7	-53.4	31.5	120
2008/11/04 14:46:48	53365 JO78	7.2	18.06	6.23	74	0.6	35°14'47'' 50°02'10''	269	2.0 2.4	TYC 695700492	11.84	21 ^h 59 ^m 31.582 ^s −27°16'50.094''	9.0	155	99.7	-6.9	29.6	17.4	35.4	122
2008/11/04 15:46:50	1487 Boda	29.2	16.66	3.15	108	0.9	37°34'54'' 49°32'48''	121	6.0 13.9	UCAC2 22331752	13.57	18 ^h 56 ^m 16.963 ^s −23°37'48.313''	10.8	211	60.4	-16.5	12.9	15.6	35.7	84
2008/11/04 18:19:35	21036 BA2	11.0	18.66	5.93	192	0.7	37°44'24'' 48°36'38''	147	1.2 3.1	UCAC2 27007758	12.73	20 ^h 40 ^m 29.632 ^s −13°51'02.352''	14.8	226	86.3	-40.4	13.2	2.5	36.7	143
2008/11/04 20:13:39	2058 Roka	21.4	16.81	3.28	176	4.5	37°08'27'' 48°34'12''	160	2.8 6.1	UCAC2 39819236	13.59	6 ^h 18 ^m 08.220 ^s 22°37'01.070''	29.6	89	128.5	-53.4	156.2	-12.7	37.4	140

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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	Phase (%)	σ_{km}		
2008/11/04 23:34:58	3056 INAG	17.3	15.41	2.80	230	2.0	36°03'39" 47°59'27"	184	0.2	UCAC2 37830075	12.69	2 ^h 01 ^m 46.520 ^s 17°17'31.594"	42.0	243	170.3	-46.0	94.7	-43.2	83	
2008/11/05 00:49:38	4074 Sharkov	13.2	17.28	4.92	181	2.5	38°38'33" 49°28'31"	111	1.2	UCAC2 35721053	12.37	6 ^h 28 ^m 25.655 ^s 11°15'49.436"	51.3	174	124.9	-35.5	153.4	-53.2	109	
2008/11/05 02:52:28	66203 1999 BV24	5.5	18.28	5.95	237	0.5	36°27'38" 47°55'21"	177	0.4	TYC 126500233	12.34	4 ^h 30 ^m 45.793 ^s 16°33'45.847"	34.1	254	153.9	-16.0	126.9	-61.1	158	
2008/11/05 04:13:59	5234 Sechenov	17.4	16.11	2.31	248	0.8	39°36'22" 49°26'02"	106	1.7	UCAC2 26420391	13.93	7 ^h 43 ^m 56.451 ^s -14°31'01.153"	20.8	210	99.6	-3.3	143.7	-56.8	214	
2008/11/05 14:13:18	124 Alkeste	76.4	13.31	0.57	108	2.4	35°36'13" 50°54'43"	333	0.0	UCAC2 23984978	13.71	19 ^h 12 ^m 44.324 ^s -20°03'39.348"	19.8	187	63.7	-2.1	20.1	19.8	44.5	20
2008/11/05 19:00:39	8021 Walter	9.1	16.17	5.90	120	0.6	37°41'21" 50°38'33"	57	1.8	TYC 166501304	10.27	21 ^h 41 ^m 04.535 ^s 15°25'58.504"	42.0	239	107.4	-46.2	36.2	6.5	46.5	99
2008/11/05 19:18:54	91532 1999 RC196	5.2	18.30	6.78	145	0.6	34°42'49" 50°53'01"	310	0.9	TYC 118400609	11.53	0 ^h 10 ^m 26.813 ^s 21°29'06.032"	60.9	197	143.1	-48.4	63.4	4.2	46.6	150
2008/11/05 23:33:01	673 Edda	37.5	14.69	1.60	156	7.2	37°04'08" 48°44'35"	159	0.0	UCAC2 39448014	13.38	5 ^h 40 ^m 13.859 ^s 21°38'41.942"	60.8	161	138.4	-46.5	133.7	-33.0	48.3	42
2008/11/06 00:26:22	25506 1999 XS95	5.2	17.80	5.00	14	1.0	36°10'02" 49°57'08"	219	2.1	TYC 185500572	12.81	5 ^h 21 ^m 20.487 ^s 26°24'09.314"	65.8	198	142.4	-39.2	129.1	-40.8	48.6	97
2008/11/06 01:17:24	1755 Lorbach	27.9	16.55	7.01	121	1.0	35°54'04" 48°59'24"	193	3.7	TYC 25200306	9.54	10 ^h 23 ^m 53.230 ^s 6°17'02.680"	27.0	115	68.5	-31.5	156.9	-47.5	49.0	71
2008/11/06 16:39:04	1720 Niels	7.6	15.16	4.72	132	1.0	35°11'57" 51°00'39"	324	0.1	TYC 123900921	10.46	3 ^h 39 ^m 30.071 ^s 18°04'41.129"	18.5	84	167.6	-25.3	96.5	25.5	55.2	47
2008/11/06 21:33:43	1039 Son-neberga	36.7	16.02	3.30	192	3.7	36°41'16" 48°20'40"	171	0.0	UCAC2 37355972	12.77	8 ^h 07 ^m 34.648 ^s 15°31'50.870"	21.0	91	104.0	-56.2	157.4	-4.4	57.4	50
2008/11/06 23:50:38	47088 1999 AB7	5.5	18.62	8.01	179	0.9	37°32'46" 48°39'55"	150	0.7	TYC 71400241	10.61	5 ^h 42 ^m 21.513 ^s 8°55'28.476"	48.9	172	137.3	-44.5	120.5	-25.2	58.3	184
2008/11/07 00:49:23	44218 1998 QO1	5.2	19.41	11.79	134	1.0	35°39'35" 48°55'09"	200	0.8	HIP 38208	7.62	7 ^h 49 ^m 40.672 ^s 13°51'30.204"	49.7	146	108.0	-36.0	151.4	-33.8	58.7	90
2008/11/07 14:06:00	2743 Chengdu	10.0	15.45	1.88	143	1.2	37°36'34" 51°00'53"	41	1.7	UCAC2 39784875	13.78	1 ^h 16 ^m 20.881 ^s 22°31'53.843"	20.8	79	156.7	-1.4	55.2	22.0	64.1	129
2008/11/07 14:25:08	234 Barbara	43.8	13.27	1.32	251	1.2	36°17'08" 47°47'30"	180	0.0	UCAC2 24452252	12.33	18 ^h 49 ^m 11.172 ^s -19°12'50.208"	19.2	197	56.3	-4.3	50.2	23.9	64.2	45
2008/11/07 15:36:33	40387 1999 NL49	5.5	17.14	5.64	196	0.7	39°00'00" 50°21'48"	80	0.4	UCAC2 38370175	11.51	0 ^h 36 ^m 52.497 ^s 18°53'38.598"	38.8	108	147.8	-15.5	44.7	29.4	64.7	109
2008/11/07 16:44:41	28385 1999 JX76	11.5	17.28	5.93	39	1.5	36°12'54" 49°42'07"	188	3.6	TYC 186601394	11.35	5 ^h 48 ^m 38.500 ^s 25°04'27.305"	5.9	57	138.1	-26.4	114.4	31.3	65.1	122
2008/11/07 19:46:09	27730 1990 QU9	11.0	18.01	4.27	78	1.6	36°12'18" 50°44'46"	356	2.8	UCAC2 46553449	13.77	6 ^h 46 ^m 19.317 ^s 42°43'28.129"	36.2	64	124.2	-51.9	121.4	20.4	66.3	128
2008/11/07 20:53:47	35939 1999 JO127	5.8	17.47	5.60	155	0.6	37°47'20" 49°03'18"	136	0.8	TYC 698001048	11.87	23 ^h 35 ^m 43.143 ^s -24°34'38.825"	6.2	219	116.7	-56.3	23.7	12.0	66.8	109

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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}	
2008/11/07 23:05:32	15078 1999 CW	11.5	16.98	3.56	39	0.9	36°26'11" 49°42'28"	164	3.2	UCAC2 31971733	13.47	2 ^h 07 ^m 10.511 ^s 0°47'14.007"	31.1	226	160.6	-50.3	54.7	-7.3	67.8	138	
2008/11/08 03:54:42	21589 Rafes	6.6	18.66	7.93	150	0.8	36°10'29" 51°23'39"	357	0.9	TYC 130300341	10.74	5 ^h 45 ^m 01.803 ^s 17°50'34.884"	35.1	255	139.3	-6.9	107.4	-44.0	69.7	101	
2008/11/08 04:24:06	6249 Jennifer	11.0	15.26	2.62	186	0.7	38°23'52" 49°04'58"	125	0.1	UCAC2 29800441	12.74	7 ^h 08 ^m 19.085 ^s -5°44'54.961"	23.1	227	113.3	-2.5	125.8	-45.4	69.9	64	
2008/11/08 19:11:32	77685 2001 NA3	5.0	18.86	7.34	248	0.8	34°08'47" 51°49'10"	322	0.5	UCAC2 43070785	11.52	5 ^h 40 ^m 09.349 ^s 32°04'42.150"	34.8	80	140.1	-48.3	97.9	33.4	75.6	202	
2008/11/08 19:36:39	9449 Petr-bondy	12.0	16.95	3.63	60	1.0	36°49'44" 49°38'05"	140	3.5	UCAC2 42709636	13.36	4 ^h 03 ^m 57.611 ^s 31°15'11.564"	53.7	105	158.9	-51.1	77.2	31.3	75.8	123	
2008/11/08 20:01:15	640 Brambilla	80.8	14.68	1.82	113	4.3	36°13'10" 51°03'42"	358	0.4	UCAC2 30927324	13.08	20 ^h 56 ^m 35.060 ^s -2°50'30.850"	10.0	253	89.1	-53.5	33.5	28.9	75.9	27	
2008/11/08 22:26:29	3456 Etien-nemarey	6.0	16.96	5.13	59	1.6	36°11'57" 50°34'44"	354	2.5	TYC 186200765	11.84	5 ^h 47 ^m 34.185 ^s 22°59'34.705"	56.6	134	139.6	-54.2	98.0	10.0	76.8	59	
2008/11/08 23:00:31	4848 Tuten-chamun	15.8	17.11	5.33	169	0.7	35°43'30" 51°31'22"	346	2.3	UCAC2 36118098	11.79	9 ^h 52 ^m 27.173 ^s 12°05'32.547"	16.8	91	80.7	-51.1	156.5	4.9	77.1	184	
2008/11/09 02:57:12	1275 Cimbria	28.6	16.73	3.80	124	0.8	35°12'18" 49°11'11"	219	4.1	UCAC2 30022969	12.97	12 ^h 27 ^m 20.348 ^s -5°20'09.088"	15.8	119	38.6	-16.2	163.3	-29.1	78.5	76	
2008/11/09 23:28:48	15623 2000 HU30	5.2	15.73	4.80	122	0.8	36°02'20" 48°58'00"	188	0.3	UCAC2 40300348	10.94	3 ^h 50 ^m 10.168 ^s 24°13'45.525"	59.9	219	166.6	-48.1	57.1	12.4	85.7	52	
2008/11/10 03:17:10	14510 1996 ES2	5.8	16.56	4.65	155	1.0	34°52'22" 49°00'14"	221	0.2	UCAC2 43410786	11.92	5 ^h 20 ^m 40.493 ^s 33°10'39.275"	46.7	269	145.0	-13.2	75.6	-20.4	86.9	67	
2008/11/10 03:28:46	1044 Teutonia	15.2	14.49	1.23	145	1.3	36°38'58" 51°19'48"	10	0.2	UCAC2 36581356	13.68	2 ^h 38 ^m 49.748 ^s 13°30'35.244"	5.0	285	173.3	-11.4	36.3	-21.8	87.0	51	
2008/11/10 17:02:54	67779 2000 UU81	10.0	17.95	6.64	125	0.6	37°42'47" 50°42'40"	54	1.8	UCAC2 40936797	11.31	21 ^h 04 ^m 11.803 ^s 25°56'33.607"	58.8	230	97.5	-29.9	54.3	43.1	90.9	176	
2008/11/10 18:05:38	1047 Geisha	14.1	14.10	5.30	217	3.0	37°14'05" 48°11'42"	162	0.0	TYC 129100348	8.80	5 ^h 17 ^m 37.518 ^s 20°25'22.550"	20.9	83	148.4	-39.7	66.3	48.3	91.1	39	
2008/11/10 20:56:09	8036 Maehara	13.2	16.60	3.48	248	1.3	36°42'07" 47°49'57"	173	0.3	UCAC2 40309077	13.17	5 ^h 10 ^m 35.029 ^s 24°08'42.234"	51.6	118	149.9	-57.2	62.9	44.3	91.9	104	
2008/11/11 01:12:15	2592 Hunan	15.8	16.45	3.68	73	1.1	36°12'29" 49°23'44"	184	5.1	UCAC2 37833953	12.81	3 ^h 19 ^m 44.868 ^s 17°29'54.973"	35.7	254	176.7	-33.4	34.0	8.9	93.0	87	
2008/11/11 01:26:02	4359 Berlage	6.0	16.59	5.37	11	2.7	36°17'32" 49°57'01"	178	4.6	TYC 132700979	11.23	6 ^h 17 ^m 34.941 ^s 21°27'49.899"	59.6	206	134.8	-31.2	75.6	6.9	93.1	51	
2008/11/11 04:17:48	2909 Hoshi-no-ie	26.0	17.21	3.54	118	0.6	35°13'50" 49°14'10"	220	5.1	UCAC2 31174805	13.71	13 ^h 44 ^m 04.300 ^s -1°44'17.076"	20.5	120	25.6	-4.1	166.2	-16.2	93.7	98	
2008/11/12 00:29:23	24649 Bal-aklava	7.2	17.63	8.17	162	0.5	36°47'30" 48°37'55"	167	1.0	HIP 17962	9.46	3 ^h 50 ^m 25.049 ^s 17°14'47.219"	45.7	236	170.3	-40.2	27.6	28.0	97.6	125	
2008/11/12 03:40:43	5670 Rosstaylor	18.2	15.69	2.38	57	1.5	35°53'21" 49°36'17"	210	4.9	UCAC2 44443048	13.44	4 ^h 09 ^m 27.556 ^s 36°07'48.425"	32.4	289	157.4	-10.0	33.6	-0.2	98.0	135	

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2008/11/12 03:54:09	9451 1998 BE2	9.5	18.21	6.71	240	1.7	35°22'44" 47°58'24"	196	0.1 4.1	UCAC2 39288364	11.51	6 ^h 24 ^m 45.691 ^s 21°09'11.595"	41.3	253	134.2	-7.9	61.3	-2.0	98.1	92
2008/11/12 23:05:09	14455 1993 FB18	5.2	17.60	6.13	158	0.6	36°12'24" 51°28'05"	358	0.1 3.7	UCAC2 38749087	11.48	5 ^h 21 ^m 59.565 ^s 19°59'51.567"	59.9	170	149.6	-51.6	35.4	51.9	99.7	57
2008/11/12 23:16:55	3835 Ko- rolenko	11.5	15.96	2.99	109	2.1	37°47'36" 49°55'51"	97	2.0 6.4	UCAC2 33186026	13.04	6 ^h 22 ^m 00.847 ^s 4°10'11.639"	42.0	156	131.9	-50.3	53.9	50.5	99.7	71
2008/11/12 23:46:03	11507 1990 OF	5.2	17.84	6.65	216	0.6	37°40'30" 48°20'12"	152	0.3 1.9	TYC 186101567	11.19	5 ^h 38 ^m 34.729 ^s 22°54'44.854"	63.1	181	145.8	-46.6	38.4	46.6	99.7	113
2008/11/13 02:35:59	7132 Casulli	5.8	17.87	5.30	142	1.5	37°29'51" 51°04'07"	37	0.2 4.1	TYC 242100205	12.58	6 ^h 25 ^m 37.898 ^s 30°25'50.204"	59.5	242	135.0	-20.5	46.5	21.2	99.8	56
2008/11/13 03:06:35	113683 2002 TB111	5.2	18.19	6.94	153	0.6	35°55'42" 48°41'34"	190	0.6 0.7	TYC 183201967	11.25	4 ^h 55 ^m 31.390 ^s 22°32'49.438"	35.2	264	155.8	-15.6	26.4	16.6	99.8	313
2008/11/13 04:47:31	7975 1974 FD	10.0	17.70	4.89	77	1.0	35°21'31" 49°41'52"	240	2.7 3.4	UCAC2 44809787	12.82	5 ^h 46 ^m 16.960 ^s 37°04'47.755"	37.0	286	141.7	-0.3	37.5	2.6	99.8	119
2008/11/13 22:56:36	2114 Wallen- quist	27.7	16.82	5.06	9	17.2	36°19'14" 49°58'15"	164	14.5 14.6	UCAC2 39480938	11.77	7 ^h 48 ^m 00.469 ^s 21°47'48.656"	46.2	114	116.9	-52.8	53.1	62.5	99.1	75
2008/11/14 02:15:41	68289 2001 FM26	5.8	18.25	6.89	22	0.5	36°33'23" 49°57'24"	118	1.4 1.4	UCAC2 30158434	11.36	7 ^h 01 ^m 52.804 ^s -4°56'52.200"	32.9	202	120.2	-23.9	53.0	36.4	98.8	168
2008/11/14 03:25:03	3872 Akirafu- jii	15.2	16.95	4.98	188	2.0	35°28'53" 51°39'21"	342	0.1 9.9	UCAC2 39138454	11.99	7 ^h 55 ^m 20.386 ^s 20°39'51.920"	55.9	219	115.2	-12.9	52.6	25.8	98.7	61
2008/11/14 20:59:07	7462 Greno- ble	5.5	16.48	4.77	207	1.0	35°51'38" 51°53'25"	352	0.0 3.6	TYC 239301532	11.73	5 ^h 13 ^m 05.509 ^s 33°33'20.726"	61.0	112	150.8	-58.3	7.9	58.3	96.0	62
2008/11/15 01:19:46	28464 2000 AZ185	5.0	18.81	7.23	80	0.5	37°19'30" 50°19'06"	68	1.1 1.3	TYC 19801119	11.58	8 ^h 04 ^m 08.789 ^s 2°27'44.519"	41.8	166	109.3	-33.1	48.8	55.5	95.1	152
2008/11/15 02:20:11	32532 Thereus	52.5	19.52	7.58	159	2.4	35°53'37" 51°27'26"	350	1.2 1.2	TYC 65000523	11.95	3 ^h 29 ^m 57.067 ^s 8°10'43.604"	16.9	262	169.5	-23.4	30.3	46.8	94.9	1688
2008/11/15 04:17:15	4176 Sudek	30.0	17.26	4.57	183	1.2	37°22'35" 51°32'28"	25	1.2 14.7	UCAC2 35397813	12.70	10 ^h 33 ^m 14.165 ^s 10°04'52.375"	50.2	175	76.9	-5.1	76.0	28.9	94.4	81
2008/11/15 19:12:44	5486 1991 UT2	12.0	16.25	2.93	99	1.1	36°32'27" 49°10'20"	169	2.6 6.5	UCAC2 40308308	13.40	5 ^h 07 ^m 31.257 ^s 24°26'25.694"	39.4	98	155.5	-49.9	11.5	33.0	90.6	73
2008/11/15 19:13:13	37206 2000 WQ102	6.0	17.41	8.78	38	0.5	36°06'46" 50°22'03"	341	1.9 2.0	HIP 19953	8.63	4 ^h 16 ^m 45.240 ^s -1°08'37.174"	26.5	129	156.5	-50.0	37.1	33.1	90.5	118
2008/11/15 21:03:57	63060 2000 WD118	5.8	17.35	6.21	65	0.6	36°04'55" 49°28'56"	193	1.8 2.2	UCAC2 40149308	11.14	5 ^h 38 ^m 23.720 ^s 23°56'58.237"	51.4	119	148.7	-58.7	6.1	49.9	90.0	103
2008/11/16 01:51:13	30545 2001 OT35	14.5	16.74	3.53	202	0.9	33°29'07" 49°52'04"	264	1.5 4.1	UCAC2 28356388	13.26	8 ^h 01 ^m 08.982 ^s -9°39'14.215"	30.5	179	106.6	-28.3	44.3	59.5	88.5	141
2008/11/16 02:16:12	6379 Vrba	15.8	16.46	3.71	135	1.3	37°43'18" 50°50'54"	49	2.8 5.2	UCAC2 44453866	12.79	5 ^h 18 ^m 16.248 ^s 36°03'52.741"	54.2	265	149.9	-24.3	15.8	56.4	88.4	121
2008/11/16 02:58:53	19562 1999 JM81	8.3	16.42	4.68	254	0.9	35°13'16" 47°52'40"	198	0.2 3.2	UCAC2 43755948	11.76	5 ^h 09 ^m 46.901 ^s 34°11'46.579"	44.7	273	152.3	-17.4	16.9	50.5	88.1	105

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 5		LinOccult 2.0.0			
		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}
2008/11/16 04:12:40	51967 2001 QC283	10.0	16.86	4.41	131	1.4	37°07'12" 49°00'22"	153	1.8 2.7	UCAC2 37337771	12.47	6 ^h 45 ^m 14.298 ^s 15°45'28.812"	35.1	251	132.7	-6.0	11.8	39.3	87.7	146
2008/11/16 15:36:08	2655 Guangxi	40.7	15.10	2.31	75	3.4	36°37'02" 50°41'31"	18	10.1 11.6	UCAC2 32481462	12.92	3 ^h 29 ^m 42.722 ^s 2°28'12.598"	4.5	91	163.6	-17.0	54.0	-5.6	83.8	139
2008/11/16 19:13:39	84381 2002 TJ139	5.2	17.87	5.74	97	0.6	35°55'45" 50°53'33"	345	0.9 1.0	TYC 290201966	12.14	4 ^h 57 ^m 09.234 ^s 41°56'56.114"	52.9	82	150.3	-50.2	30.9	22.1	82.5	207
2008/11/16 23:07:31	6139 Naomi	13.2	16.32	3.78	46	1.6	36°02'25" 50°25'37"	337	5.6 6.7	UCAC2 41507920	12.58	5 ^h 55 ^m 31.752 ^s 27°33'50.685"	66.7	159	145.6	-52.3	17.7	56.3	81.0	79
2008/11/16 23:52:13	1047 Geisha	14.1	13.94	0.96	9	2.3	36°14'35" 49°58'15"	200	14.3 14.7	UCAC2 39099155	13.56	5 ^h 12 ^m 40.355 ^s 20°44'16.970"	59.3	203	155.8	-46.7	28.5	61.0	80.7	38
2008/11/17 00:19:49	1064 Aethusa	18.7	14.41	2.47	172	1.5	36°18'53" 51°35'44"	1	0.0 27.1	UCAC2 42538762	12.06	4 ^h 27 ^m 49.989 ^s 30°32'26.875"	60.0	241	162.5	-42.8	37.7	63.1	80.5	27
2008/11/17 00:27:41	37295 2001 BB46	6.3	17.66	6.59	23	1.1	36°36'43" 50°03'12"	88	1.1 1.1	TYC 77201436	11.08	7 ^h 31 ^m 13.668 ^s 11°55'27.182"	50.6	160	121.8	-41.6	12.9	63.5	80.4	223
2008/11/17 00:33:01	11058 1991 PN10	5.0	17.61	5.66	113	0.6	37°52'08" 50°04'44"	88	0.5 3.5	TYC 538900371	11.95	7 ^h 05 ^m 08.614 ^s -11°30'08.822"	28.4	174	118.9	-40.8	36.0	63.7	80.3	58
2008/11/17 04:36:54	77851 2001 RW33	5.8	18.23	5.14	187	0.5	36°10'22" 48°22'11"	182	0.7 1.2	TYC 68400942	13.10	4 ^h 52 ^m 34.402 ^s 8°13'59.282"	7.0	275	157.5	-2.7	40.3	43.4	78.8	191
2008/11/17 14:38:19	8376 1992 OZ9	16.6	17.54	4.36	44	0.7	35°56'16" 50°22'18"	325	4.2 4.3	UCAC2 24741153	13.20	21 ^h 23 ^m 08.162 ^s -18°54'47.635"	20.8	172	81.7	-8.2	158.7	-16.6	74.7	153
2008/11/17 17:06:06	6259 Maillol	6.3	16.91	5.05	59	0.7	35°53'54" 50°30'54"	332	2.6 4.5	UCAC2 41670179	11.87	5 ^h 02 ^m 17.712 ^s 28°21'27.068"	24.0	74	157.6	-31.6	40.3	-5.6	73.7	56
2008/11/18 02:09:49	165690 2001 PA3	5.5	19.17	8.55	136	0.7	35°50'24" 48°51'39"	194	0.8 0.9	TYC 242201312	10.63	6 ^h 29 ^m 21.566 ^s 31°01'11.595"	61.4	239	139.0	-25.7	27.4	60.5	69.7	235
2008/11/18 03:43:49	658 Asteria	22.9	14.76	2.15	151	3.8	35°12'51" 48°52'44"	211	0.0 24.1	UCAC2 40827381	12.78	6 ^h 12 ^m 20.123 ^s 25°37'07.007"	40.6	262	143.2	-10.8	31.1	54.8	69.0	37
2008/11/18 04:04:36	16405 1985 DA2	5.8	18.16	8.33	54	0.5	35°57'28" 49°36'25"	206	2.5 3.4	TYC 240401285	9.83	5 ^h 41 ^m 58.327 ^s 30°26'55.636"	35.6	277	149.2	-7.7	38.4	52.5	68.9	67
2008/11/18 17:10:19	7046 Reshet- nev	15.8	17.16	5.51	48	0.5	36°00'42" 50°26'40"	336	2.1 2.1	UCAC2 21665198	11.66	20 ^h 42 ^m 39.034 ^s -25°13'26.743"	6.4	217	69.9	-32.4	171.5	-14.9	63.1	301
2008/11/18 19:19:04	47819 2000 EJ91	6.0	18.70	7.54	71	0.5	35°49'11" 50°36'51"	332	1.2 1.3	TYC 241100122	11.16	5 ^h 28 ^m 17.804 ^s 34°07'11.591"	45.5	88	151.4	-51.3	50.4	0.0	62.1	187
2008/11/18 22:07:20	10124 Hemse	5.5	16.63	4.96	78	0.7	36°26'31" 50°44'30"	8	1.5 3.7	TYC 289600794	11.68	5 ^h 18 ^m 16.633 ^s 37°46'13.704"	74.8	138	151.5	-58.1	54.4	24.9	60.8	59
2008/11/18 23:33:17	486 Cremona	22.0	14.42	2.95	104	1.6	36°27'37" 50°58'44"	7	0.0 41.6	UCAC2 34773611	11.54	3 ^h 47 ^m 28.340 ^s 8°59'31.846"	41.7	223	169.3	-49.7	78.8	37.7	60.1	20
2008/11/18 23:54:09	463 Lola	20.0	14.89	1.31	197	2.4	38°25'06" 51°11'25"	50	0.0 24.3	UCAC2 45152642	13.97	6 ^h 14 ^m 20.818 ^s 38°23'38.886"	78.6	179	141.4	-46.9	44.8	40.6	60.0	32
2008/11/19 01:10:33	21652 Va- sishtha	11.5	16.90	5.48	209	4.5	39°12'14" 49°55'16"	94	0.4 4.9	TYC 192700835	11.42	8 ^h 06 ^m 31.944 ^s 23°06'32.120"	62.3	162	118.1	-35.4	17.8	49.7	59.3	93

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 6		LinOccult 2.0.0				
	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}		
2008/11/19 01:32:33	10932 Reben-trost	6.0	16.40	5.26	28	0.9	36°05'47'' 50°15'59''	331	2.9 3.1	TYC 11500540	11.15	5 ^h 37 ^m 31.746 ^s 1°38'37.934''	34.0	222	145.9	-31.9	51.7	59.1	76	
2008/11/19 03:03:53	27190 1999 CW51	10.0	17.06	3.13	20	0.9	36°30'56'' 50°08'51''	56	2.8 2.8	UCAC2 43753784	13.99	4 ^h 55 ^m 19.625 ^s 34°26'22.987''	39.9	279	157.4	-17.3	55.4	58.5	141	
2008/11/19 16:41:13	10124 Hemse	5.5	16.61	5.90	195	0.7	34°24'36'' 51°20'03''	317	0.0 3.7	TYC 289600972	10.72	5 ^h 17 ^m 25.222 ^s 37°49'06.547''	25.9	61	152.3	-27.9	-25.9	52.4	59	
2008/11/19 17:27:15	44410 1998 SQ137	5.2	18.44	6.60	239	0.6	34°44'48'' 51°57'45''	333	0.1 2.1	TYC 186200765	11.84	5 ^h 47 ^m 34.185 ^s 22°59'34.705''	17.6	75	150.5	-35.3	-22.9	52.0	100	
2008/11/19 18:17:11	12906 1998 RS72	6.6	17.60	5.73	206	0.6	37°39'38'' 48°25'51''	151	0.2 3.0	UCAC2 37663783	11.88	5 ^h 09 ^m 24.548 ^s 16°33'46.698''	27.0	96	158.9	-42.9	-18.3	51.6	87	
2008/11/19 23:32:29	4250 Perun	19.6	18.32	5.31	136	1.6	36°29'13'' 48°50'05''	174	2.0 10.4	UCAC2 37182334	13.02	9 ^h 53 ^m 22.494 ^s 15°28'37.849''	31.3	104	92.7	-50.0	26.0	49.2	75	
2008/11/20 01:03:24	63059 2000 WA118	5.0	16.59	7.86	206	0.5	38°06'46'' 51°29'19''	39	0.3 1.8	HIP 21840	8.73	4 ^h 41 ^m 43.350 ^s 22°43'53.609''	48.1	245	165.9	-36.8	38.5	48.5	111	
2008/11/20 03:42:33	6891 Triconia	7.2	18.34	7.12	232	0.8	34°33'29'' 48°17'33''	212	0.0 4.2	TYC 81500790	11.22	9 ^h 06 ^m 23.933 ^s 11°20'23.352''	49.6	203	102.4	-11.4	49.6	47.3	69	
2008/11/20 16:53:37	20102 1995 BP15	10.0	17.84	3.95	217	0.6	33°35'49'' 50°58'60''	298	1.0 2.4	UCAC2 21903252	13.92	22 ^h 31 ^m 29.647 ^s -24°58'20.700''	14.4	191	91.5	-30.0	-33.1	41.5	163	
2008/11/20 20:54:52	38878 2000 SL121	6.0	17.69	10.73	138	0.7	37°35'37'' 49°08'33''	137	1.1 1.8	HIP 458	6.97	0 ^h 05 ^m 28.255 ^s -7°39'55.833''	18.5	232	119.1	-59.6	159.9	-9.2	39.8	133
2008/11/20 23:06:49	779 Nina	76.6	11.95	0.87	275	6.5	37°10'59'' 47°38'42''	167	0.0 97.0	UCAC2 44446560	11.72	4 ^h 38 ^m 38.034 ^s 36°10'35.116''	73.2	221	160.1	-53.3	89.4	10.7	38.8	18
2008/11/21 00:39:10	52537 1996 TL32	5.0	18.98	7.08	163	0.5	35°36'21'' 48°38'60''	197	0.7 1.1	TYC 186301677	11.90	5 ^h 57 ^m 23.697 ^s 23°10'49.359''	60.2	213	149.5	-40.7	73.4	24.3	38.1	180
2008/11/21 02:21:13	3324 Avsyuk	18.2	15.57	1.99	143	1.6	37°23'42'' 51°07'39''	33	3.0 5.6	UCAC2 44963635	13.77	4 ^h 31 ^m 06.312 ^s 37°49'31.946''	43.7	280	159.7	-24.5	92.5	36.8	37.4	129
2008/11/21 15:14:55	13808 Dav-ewilliams	12.6	17.46	5.90	76	1.1	36°14'48'' 49°21'45''	182	3.2 3.7	TYC 56600527	11.56	22 ^h 27 ^m 22.950 ^s 7°26'23.782''	46.6	164	101.4	-14.3	164.3	-35.3	32.1	134
2008/11/21 15:55:04	6574 Gvishi-ani	16.6	17.65	4.06	234	1.6	38°42'46'' 48°40'04''	132	1.1 4.9	UCAC2 39604144	13.61	0 ^h 55 ^m 04.603 ^s 22°00'27.280''	49.5	120	139.4	-20.7	148.0	-38.0	31.8	134
2008/11/21 16:25:02	14548 1997 TJ24	11.0	16.32	4.34	42	0.9	35°47'19'' 50°14'41''	302	2.8 2.9	TYC 123800568	12.00	3 ^h 29 ^m 28.029 ^s 16°56'22.131''	26.5	95	174.3	-25.5	116.9	-39.3	31.6	151
2008/11/21 16:35:52	1294 Antwer-pia	34.7	12.49	0.83	120	4.2	35°52'22'' 51°05'28''	346	1.3 28.9	UCAC2 37659410	12.34	4 ^h 27 ^m 27.783 ^s 16°49'23.756''	18.8	86	170.5	-27.3	103.2	-39.5	31.6	47
2008/11/21 22:41:57	4603 Bertaud	13.8	16.80	4.02	28	1.0	36°17'43'' 49°47'39''	179	5.6 5.9	UCAC2 45790539	12.81	5 ^h 01 ^m 46.754 ^s 40°26'59.272''	80.5	192	154.6	-56.1	97.0	-4.5	29.1	94
2008/11/21 23:46:34	6379 Vrba	15.8	16.35	3.91	179	1.2	37°26'36'' 51°28'54''	27	1.7 5.3	UCAC2 44452726	12.47	5 ^h 13 ^m 05.732 ^s 36°26'31.630''	72.4	226	155.7	-48.5	95.6	5.4	28.7	119
2008/11/22 15:15:01	25317 1999 BL12	7.9	16.05	4.18	230	0.9	34°43'30'' 51°52'10''	331	0.0 5.7	UCAC2 39983713	11.90	5 ^h 50 ^m 02.506 ^s 23°16'57.813''	0.2	52	152.9	-14.5	95.7	-36.5	23.0	55

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		LinOccult 2.0.0			
		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}
2008/11/22 16:15:35	5747 CO3	1991 10.5	14.84	1.48	231	1.0	33°16'21" 49°20'11"	250	0.2 4.4	UCAC2 48286516	13.68	2 ^h 34 ^m 20.532 ^s 52°24'36.089"	55.5	64	144.3	-24.1	124.1	-42.3	22.6	95
2008/11/22 20:55:50	49556 CJ91	1999 8.7	17.14	5.90	202	0.9	35°19'35" 51°45'28"	340	0.8 2.6	TYC 282000728	11.24	1 ^h 56 ^m 57.785 ^s 39°49'21.013"	70.9	247	148.1	-60.1	139.7	-30.8	20.9	134
2008/11/22 21:30:30	84972 YM28	2003 6.3	19.17	7.62	201	0.6	36°43'25" 51°49'41"	9	0.7 1.1	TYC 14502653	11.55	6 ^h 26 ^m 21.738 ^s 6°37'12.147"	37.6	133	140.8	-60.4	88.8	-26.1	20.8	236
2008/11/22 21:56:14	12558 QV63	1998 7.2	17.21	4.36	220	0.9	37°16'07" 48°10'28"	161	0.1 3.8	TYC 131602213	12.87	5 ^h 52 ^m 29.373 ^s 17°01'56.858"	53.3	146	152.0	-59.6	98.3	-22.4	20.6	77
2008/11/22 22:31:50	46255 HZ36	2001 9.1	17.26	6.55	116	1.0	35°48'39" 51°02'29"	343	1.5 1.8	TYC 120800822	10.71	1 ^h 45 ^m 33.174 ^s 18°43'30.191"	39.6	250	149.5	-57.3	156.1	-17.1	20.4	203
2008/11/22 23:33:24	2014 Vasilevskis	15.1	16.93	4.06	207	1.4	33°25'34" 50°22'12"	280	1.8 2.8	UCAC2 30170446	12.89	7 ^h 25 ^m 56.998 ^s -4°47'46.298"	32.8	157	122.5	-50.5	73.7	-7.7	20.1	219
2008/11/23 00:27:05	1747 Wright	6.3	15.95	4.97	43	0.9	36°48'42" 49°51'11"	120	3.1 8.1	TYC 191300150	10.99	7 ^h 17 ^m 35.198 ^s 24°28'14.245"	64.5	172	133.3	-42.9	81.0	0.5	19.8	31
2008/11/23 00:33:44	76697 HG83	2000 5.8	19.60	8.49	236	1.0	36°22'09" 47°55'41"	179	0.5 1.5	TYC 76401838	11.11	7 ^h 27 ^m 13.764 ^s 7°58'48.919"	48.0	173	127.4	-41.9	75.6	1.5	19.7	152
2008/11/23 02:58:19	1316 Kasan	7.2	14.72	3.09	40	0.6	36°33'51" 49°44'13"	150	3.5 4.1	TYC 70601292	11.70	5 ^h 11 ^m 10.042 ^s 12°57'47.063"	25.6	259	160.5	-19.0	110.7	20.9	18.9	70
2008/11/23 03:13:50	8184 Luderic	17.4	15.65	3.84	108	1.4	37°17'20" 50°46'53"	41	3.9 6.3	UCAC2 42017920	11.84	4 ^h 52 ^m 16.399 ^s 29°09'04.612"	31.8	279	164.4	-16.5	115.0	22.6	18.8	110
2008/11/23 19:43:20	32523 OY82	2001 12.6	16.78	6.35	161	0.9	36°48'39" 48°38'46"	166	1.9 3.6	TYC 178400454	10.44	3 ^h 18 ^m 54.597 ^s 23°57'56.576"	61.8	151	170.2	-54.9	144.9	-48.2	13.8	138
2008/11/23 21:05:10	77776 QA16	2001 5.5	18.89	7.48	194	0.8	36°18'60" 48°18'23"	179	0.5 1.8	UCAC2 44296705	11.41	6 ^h 59 ^m 29.195 ^s 35°31'15.484"	52.0	93	137.8	-60.5	97.6	-39.8	13.5	123
2008/11/23 21:28:32	77715 OM48	2001 9.1	17.23	6.95	132	1.1	34°51'09" 50°48'11"	309	1.6 2.3	TYC 189201078	10.29	6 ^h 37 ^m 59.968 ^s 28°14'09.782"	54.2	113	143.1	-60.6	101.3	-36.8	13.3	156
2008/11/24 00:05:11	27624 MD3	2001 7.9	18.14	6.41	60	1.0	36°04'21" 49°31'29"	195	3.0 3.9	UCAC2 42045132	11.73	6 ^h 49 ^m 44.285 ^s 29°12'59.266"	69.4	176	140.6	-46.4	100.2	-13.6	12.6	81
2008/11/24 00:08:06	9272 1979 KQ	5.2	19.44	8.17	119	0.5	36°41'02" 51°05'14"	14	0.8 2.8	TYC 82100354	11.27	9 ^h 32 ^m 25.370 ^s 9°39'34.432"	37.2	125	99.7	-45.9	58.3	-13.1	12.5	75
2008/11/24 01:53:25	897 Lysistrata	21.9	14.10	2.87	127	1.7	35°51'59" 48°56'12"	194	0.1 23.7	TYC 179200855	11.31	3 ^h 15 ^m 17.432 ^s 26°43'35.135"	26.9	280	168.1	-29.6	148.1	2.5	12.1	36
2008/11/24 02:59:22	12750 Berthollet	7.9	17.17	5.94	43	0.7	36°10'05" 50°25'50"	349	2.9 3.2	UCAC2 32823490	11.23	5 ^h 32 ^m 49.571 ^s 3°11'56.555"	20.6	249	151.5	-19.0	115.6	11.3	11.8	99
2008/11/24 04:04:36	51852 OB95	2001 15.1	16.36	3.05	191	1.3	36°37'38" 51°45'11"	7	1.4 4.9	UCAC2 39636667	13.38	6 ^h 07 ^m 57.493 ^s 22°15'23.990"	30.3	269	150.3	-8.9	110.8	18.5	11.5	122
2008/11/24 04:42:05	1908 Pobeda	21.8	17.23	5.58	26	1.2	36°19'53" 50°16'30"	7	12.4 13.4	TYC 84501298	11.66	10 ^h 38 ^m 30.537 ^s 13°07'33.591"	52.3	197	85.9	-3.4	47.6	21.7	11.4	65
2008/11/24 04:59:29	5886 Rutger	15.8	16.02	3.86	257	1.4	39°00'27" 51°35'26"	49	0.1 7.1	UCAC2 39981487	12.19	5 ^h 38 ^m 23.873 ^s 23°00'23.515"	17.4	285	157.1	-1.0	118.1	23.0	11.3	89

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 8		LinOccult 2.0.0				
		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}
2008/11/24 18:50:26	10085 1990 QF5	10.5	17.73	6.78	11	0.9	36°18'37" 49°57'13"	171	2.9	TYC 176301157	10.95	1 ^h 56 ^m 28.776 ^s 29°29'22.120"	69.2	165	150.2	-48.4	166.4	-56.2	8.0	142
2008/11/24 19:10:47	30773 1986 RJ4	6.0	16.29	5.35	67	1.2	37°05'20" 49°44'42"	120	1.7	TYC 366201873	10.95	0 ^h 39 ^m 07.678 ^s 57°56'45.723"	76.5	313	127.7	-51.1	136.4	-56.4	7.9	123
2008/11/24 21:23:34	11863 1989 EX	7.2	17.80	6.39	39	1.2	36°19'36" 49°41'37"	176	3.6	TYC 81300932	11.41	8 ^h 41 ^m 32.531 ^s 11°05'32.499"	22.0	99	112.9	-60.9	81.4	-47.2	7.4	68
2008/11/25 01:20:35	3539 Weimar	8.3	17.59	5.90	41	0.6	36°08'36" 50°24'05"	345	3.4	UCAC2 33174129	11.69	5 ^h 11 ^m 39.071 ^s 4°22'32.290"	32.0	233	156.8	-35.0	131.1	-12.5	6.6	89
2008/11/25 01:21:19	225 Henrietta	120.5	13.92	0.73	161	9.8	35°38'05" 51°26'14"	343	0.3	UCAC2 31973220	13.96	2 ^h 47 ^m 39.140 ^s 0°57'51.314"	7.8	262	152.8	-34.9	159.6	-12.4	6.6	36
2008/11/25 15:55:26	191915 2005 MJ19	12.6	19.54	7.50	18	1.0	36°32'13" 50°04'57"	78	0.9	TYC 697500854	12.04	23 ^h 13 ^m 55.470 ^s -26°05'58.482"	13.6	172	94.9	-21.2	114.1	-36.3	4.0	567
2008/11/25 16:20:51	285 Regina	45.1	15.78	2.81	178	1.1	37°50'09" 48°48'26"	141	0.4	UCAC2 22343549	13.05	19 ^h 22 ^m 58.481 ^s -23°36'11.435"	1.5	229	45.3	-25.3	67.6	-40.1	4.0	60
2008/11/25 16:29:08	99839 2002 NF25	5.2	18.87	6.36	249	0.6	39°37'21" 49°27'14"	105	0.5	TYC 120300437	12.51	1 ^h 20 ^m 45.554 ^s 22°10'57.637"	52.9	127	141.5	-26.6	163.9	-41.4	3.9	210
2008/11/25 16:35:28	25529 1999 XL127	5.8	16.61	4.85	52	0.9	36°38'38" 49°38'32"	150	2.0	UCAC2 43765814	11.78	5 ^h 49 ^m 38.139 ^s 34°20'15.776"	21.4	62	153.6	-27.6	133.6	-42.3	3.9	97
2008/11/25 18:56:10	10124 Hemse	5.5	16.51	4.77	192	0.6	37°21'32" 48°28'08"	156	0.0	TYC 289601740	11.75	5 ^h 10 ^m 00.692 ^s 38°07'07.052"	51.6	88	158.0	-49.3	142.0	-58.8	3.6	58
2008/11/26 00:24:56	10234 Sixty-garden	12.0	18.07	4.46	45	0.8	36°26'18" 49°39'15"	166	5.5	UCAC2 35577785	13.63	10 ^h 28 ^m 47.614 ^s 10°34'10.261"	33.6	117	89.0	-43.9	70.6	-31.1	2.8	71
2008/11/26 00:36:52	4606 Saheki	9.5	16.61	5.10	11	0.6	36°25'32" 50°00'56"	110	8.5	UCAC2 35213009	11.52	9 ^h 55 ^m 48.249 ^s 9°44'18.019"	39.0	129	96.3	-42.0	77.7	-29.3	2.8	43
2008/11/26 21:12:39	91750 1999 TR187	5.2	18.10	7.74	29	0.7	36°05'59" 50°16'60"	333	1.2	TYC 175500760	10.36	1 ^h 30 ^m 37.488 ^s 27°46'54.921"	53.8	247	142.9	-61.2	153.1	-63.3	0.8	167
2008/11/27 00:24:52	4896 Tomoe-gozen	22.9	14.82	2.19	163	1.7	36°32'54" 48°35'43"	173	2.7	UCAC2 41324121	12.79	4 ^h 46 ^m 53.491 ^s 27°12'39.849"	53.9	245	170.0	-44.1	163.8	-40.8	0.6	108
2008/11/27 02:50:39	51914 2001 QM70	8.3	18.09	7.27	245	0.8	35°29'44" 47°54'21"	193	0.3	UCAC2 40661582	10.82	6 ^h 17 ^m 31.390 ^s 25°05'24.795"	43.8	257	151.1	-21.0	144.7	-18.5	0.5	116
2008/11/27 02:52:04	4191 Assesse	11.0	17.70	3.75	208	1.2	39°10'16" 50°21'31"	80	0.0	UCAC2 32866384	13.99	9 ^h 04 ^m 44.951 ^s 3°00'32.193"	42.5	193	106.9	-20.7	99.6	-18.3	0.5	60
2008/11/27 18:57:36	497 Iva	45.3	12.59	1.40	155	5.5	37°06'25" 48°45'50"	158	0.0	TYC 182102023	11.54	3 ^h 58 ^m 55.986 ^s 27°58'58.083"	57.4	120	172.2	-49.7	175.6	-53.3	0.2	20
2008/11/27 22:09:16	13756 1998 ST72	5.5	18.64	6.83	197	1.6	35°28'21" 51°44'29"	343	0.6	TYC 466500398	11.81	0 ^h 24 ^m 51.196 ^s -1°34'13.024"	11.8	253	119.1	-60.0	116.5	-65.0	0.2	153
2008/11/28 01:50:46	2092 Sumiana	13.8	16.49	3.26	107	1.7	36°56'30" 50°54'34"	26	2.8	UCAC2 40332891	13.28	6 ^h 45 ^m 02.493 ^s 24°18'51.074"	55.5	233	145.8	-30.8	149.8	-36.6	0.3	79
2008/11/28 03:05:11	2751 Campbell	20.0	17.72	6.50	110	0.6	36°02'56" 49°04'08"	189	2.7	TYC 495500038	11.23	12 ^h 49 ^m 40.618 ^s -6°36'14.551"	22.6	133	52.1	-18.8	56.8	-25.2	0.3	278

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 9		LinOccult 2.0.0				
	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}
2008/11/28 18:17:12	4284 Kaho	10.5	16.35	3.72	104	0.8	36°40'32'' 49°08'54''	164	1.9	UCAC2 34052399	12.67	5 ^h 15 ^m 24.644 ^s 6°30'22.706''	23.9	109	159.9	-43.9	159.5	-40.4	1.1	185
2008/11/29 02:44:06	Py-atiletka	12.6	15.37	1.76	170	1.3	35°09'03'' 51°23'35''	332	0.5	UCAC2 34219706	13.85	3 ^h 11 ^m 38.112 ^s 7°22'17.962''	0.7	281	158.1	-22.4	142.5	-36.7	1.9	73
2008/11/29 03:39:04	11078 WH2	11.0	17.32	5.47	157	1.3	36°49'51'' 48°40'52''	166	1.1	TYC 77000609	11.86	7 ^h 14 ^m 30.153 ^s 12°18'31.954''	34.1	246	137.7	-13.7	151.2	-28.2	2.0	93
2008/11/29 15:21:52	9404 UQ11	7.2	16.78	5.36	10	0.8	36°09'21'' 50°05'21''	296	3.5	UCAC2 42378211	11.42	5 ^h 40 ^m 59.032 ^s 30°09'01.954''	11.4	56	160.6	-16.2	175.6	-7.0	3.4	82
2008/11/29 15:44:01	2095 Parsifal	11.0	16.30	2.47	233	1.2	34°01'30'' 51°34'38''	316	0.0	UCAC2 41859787	13.95	6 ^h 09 ^m 42.433 ^s 28°35'10.512''	9.3	56	155.0	-19.7	176.2	-9.9	3.5	52
2008/11/29 19:28:35	4501 Eurypylos	28.8	17.64	4.22	138	6.3	34°34'33'' 50°38'01''	298	3.9	UCAC2 35136776	13.45	0 ^h 21 ^m 59.121 ^s 9°43'12.270''	41.9	224	120.8	-53.9	98.4	-43.5	4.1	252
2008/11/29 19:41:19	568 Cheruskia	87.0	13.91	1.95	195	5.6	37°47'25'' 51°30'55''	33	0.0	TYC 115600136	12.16	22 ^h 48 ^m 53.511 ^s 12°29'54.756''	29.7	253	100.2	-55.4	79.6	-45.4	4.1	35
2008/11/29 20:13:17	13788 Dan-solander	7.2	18.55	6.98	121	1.0	37°12'60'' 49°08'50''	146	1.3	TYC 76800821	11.57	7 ^h 30 ^m 51.576 ^s 10°25'05.147''	24.6	104	134.0	-58.6	154.0	-50.2	4.1	93
2008/11/29 20:17:58	1645 Water-field	30.6	15.97	3.16	94	1.6	35°00'36'' 49°50'04''	255	7.8	UCAC2 29023762	12.87	22 ^h 27 ^m 50.484 ^s -8°28'19.285''	4.3	251	87.7	-59.0	64.6	-50.9	4.1	92
2008/11/29 21:48:02	47645 2000 CD37	8.7	17.70	6.97	245	0.7	37°02'48'' 47°54'15''	167	0.3	TYC 70100695	10.73	5 ^h 32 ^m 01.710 ^s 8°20'13.589''	47.6	164	159.0	-61.3	159.8	-62.3	4.4	117
2008/11/29 22:53:59	50722 2000 EW141	7.9	17.61	9.80	52	0.9	36°22'32'' 50°30'44''	7	2.0	TYC 74501202	7.81	6 ^h 33 ^m 32.017 ^s 14°35'25.974''	54.0	164	148.7	-56.6	166.9	-66.6	4.6	147
2008/11/30 17:41:33	281 Lucretia	11.8	14.33	1.17	203	2.5	35°02'03'' 51°41'39''	334	0.0	UCAC2 42569489	13.61	6 ^h 56 ^m 55.388 ^s 30°51'24.736''	21.6	67	145.6	-38.6	174.3	-18.4	8.0	24
2008/11/30 19:17:06	7792 1995 WZ3	9.1	17.85	6.33	50	0.5	35°35'27'' 50°07'05''	279	3.4	UCAC2 26801741	11.53	22 ^h 53 ^m 38.016 ^s -14°22'26.985''	11.1	231	90.3	-52.5	56.8	-32.9	8.4	92
2008/11/30 22:22:04	4644 Oumu	12.6	16.75	3.71	57	1.1	36°00'13'' 49°34'01''	201	5.2	UCAC2 44650237	13.08	6 ^h 55 ^m 33.013 ^s 36°38'54.730''	69.5	122	145.0	-59.6	168.2	-59.2	9.1	65

