

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 2.2.0 BETA
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 189

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 2.2.0 BETA				
Date Time (UTC)	Asteroid			Nearest point			Star				Sun			Moon			σ_{km}				
	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 (%)	
2014/11/01 22:39:13	7676 WNS	1995	7.9	18.05	6.89	10	0.7	36°21'21'' 50°07'42''	29	1.9	UCAC2 35017619	11.16	7 ^h 58 ^m 38.152 ^s 9°18'29.021''	24.7	106	99.2	-51.0	145.9	-0.9	70.6	169
2014/11/02 00:57:20	1364 Safara		29.3	16.42	4.14	237	3.1	38°28'47'' 48°28'05''	138	3.0	UCAC2 41706561	12.31	7 ^h 56 ^m 26.702 ^s 28°13'09.970''	60.1	126	103.6	-33.4	139.4	-21.8	71.5	221
2014/11/02 20:39:07	11544 UD3	1992	6.9	15.44	7.49	102	0.9	35°07'07'' 50°34'27''	305	1.2	HIP 15612	7.96	3 ^h 21 ^m 01.374 ^s 19°28'33.678''	54.9	142	167.2	-54.1	66.4	26.4	79.7	63
2014/11/02 22:25:55	8397 Chiaki- tanaka		10.0	16.79	5.63	93	1.0	36°39'07'' 50°51'14''	16	2.1	UCAC2 37528364	11.16	7 ^h 35 ^m 11.845 ^s 16°13'12.585''	32.3	104	107.3	-52.4	125.3	12.5	80.4	165
2014/11/02 23:00:22	13264 QD23	1998	5.5	18.15	6.45	177	1.5	35°04'23'' 48°39'48''	209	0.7	TYC 240600601	11.70	5 ^h 59 ^m 36.290 ^s 30°02'40.747''	62.0	125	130.0	-49.3	101.7	7.4	80.5	138
2014/11/03 01:15:04	9997 COBE		5.0	17.99	6.15	115	1.2	36°34'23'' 49°02'01''	170	1.1	TYC	11.85	6 ^h 50 ^m 07.417 ^s 26°19'18.111''	66.2	168	119.1	-31.0	111.7	-13.0	81.5	125
2014/11/03 15:30:34	3401 Vauphi- los		11.5	14.00	4.86	191	3.4	38°00'25'' 48°44'60''	140	0.3	TYC	9.15	23 ^h 38 ^m 49.952 ^s 51°31'14.456''	63.1	70	129.6	-13.6	50.8	27.6	86.4	79
2014/11/03 17:02:33	3144 Brosche		28.2	15.74	2.53	250	6.7	39°46'53'' 50°07'48''	88	0.4	UCAC2 36046985	13.32	0 ^h 41 ^m 41.895 ^s 12°24'35.266''	42.6	130	152.5	-28.3	16.6	37.4	87.1	96
2014/11/03 18:08:42	20847 2000 UW104		7.2	17.62	6.79	183	1.0	35°32'40'' 48°28'22''	197	0.9	TYC	10.83	0 ^h 18 ^m 11.303 ^s -4°16'58.486''	34.7	164	141.1	-38.5	8.2	41.1	87.4	152
2014/11/03 20:32:00	4601 Lud- kewycz		10.5	16.56	3.62	193	0.8	34°18'28'' 51°14'57''	313	1.3	UCAC2 32308233	12.98	2 ^h 50 ^m 06.740 ^s 1°39'46.978''	40.1	160	166.0	-54.1	42.4	36.7	88.1	195
2014/11/04 03:31:14	231 Vin- dobona		82.3	15.50	3.01	220	3.4	35°22'32'' 48°09'41''	197	9.0	UCAC2 37003515	12.56	10 ^h 10 ^m 19.323 ^s 14°32'10.915''	51.1	148	72.1	-9.5	144.1	-21.0	90.2	239
2014/11/04 04:26:45	4981 Sinyavskaya		12.0	17.94	4.81	149	0.6	35°38'60'' 48°46'35''	198	1.7	UCAC2 37894960	13.14	9 ^h 30 ^m 37.449 ^s 17°26'24.876''	57.5	186	82.1	-1.0	133.7	-27.5	90.5	219
2014/11/04 14:10:43	5824 Inagaki		12.0	15.77	3.74	50	1.1	35°35'14'' 50°05'23''	275	2.6	UCAC2 42872790	12.07	1 ^h 33 ^m 03.222 ^s 31°41'00.737''	23.4	68	158.0	-1.4	29.4	12.0	93.1	177
2014/11/04 14:10:43	5824 Inagaki		12.0	15.77	3.34	50	1.1	35°35'14'' 50°05'23''	275	2.6	TYC	12.48	1 ^h 33 ^m 03.222 ^s 31°41'00.737''	23.4	68	158.0	-1.4	29.4	12.0	93.1	177
2014/11/04 14:33:46	1214 Richilde		35.3	16.30	2.55	224	0.9	38°16'31'' 48°30'46''	140	3.8	UCAC2 22757414	13.86	18 ^h 11 ^m 28.104 ^s -22°39'48.630''	13.9	204	50.8	-4.9	98.8	15.6	93.2	217
2014/11/04 17:12:28	1187 Afra		31.8	16.33	2.51	139	1.4	37°34'29'' 49°06'58''	138	5.1	UCAC2 23759637	13.93	20 ^h 08 ^m 11.191 ^s -20°55'56.923''	12.2	214	77.7	-30.1	73.4	37.6	93.8	188
2014/11/04 17:50:06	1715 Salli		23.1	16.90	4.32	33	2.5	36°30'45'' 49°47'37''	150	5.5	UCAC2 42895643	12.60	5 ^h 28 ^m 46.852 ^s 31°36'04.428''	21.0	65	138.0	-36.0	70.1	41.4	93.9	163
2014/11/04 18:01:55	5676 Voltaire		12.0	15.96	2.36	116	1.6	37°42'21'' 50°33'39''	61	2.5	UCAC2 34793601	13.73	6 ^h 04 ^m 09.748 ^s 8°36'42.550''	0.0	77	129.3	-37.7	78.0	42.4	94.0	117
2014/11/04 21:49:19	285 Regina		45.1	15.20	3.33	154	6.2	36°33'55'' 51°25'12''	7	7.1	UCAC2 34030515	11.93	22 ^h 07 ^m 12.196 ^s 6°20'47.149''	14.0	263	112.9	-55.0	42.3	38.5	94.8	144
2014/11/04 22:10:10	9476 1998 QQ36		5.5	17.71	6.22	102	0.6	35°33'05'' 50°50'17''	329	1.3	UCAC2 38203328	11.49	4 ^h 39 ^m 44.118 ^s 18°01'11.223''	55.4	151	151.0	-54.0	55.0	36.2	94.9	126

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		LinOccult 2.2.0 BETA			
		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}
2014/11/04 23:58:16	1590 Tsi-olkovskaja	13.3	16.02	4.94	248	6.1	39°45'36'' 50°10'49''	87	0.8 3.8	TYC 133800689	11.09	6 ^h 47 ^m 04.720 ^s 19°36'59.373''	55.2	142	121.2	-42.8	83.8	21.6	95.3	141
2014/11/05 01:45:44	3145 Walter Adams	5.2	18.31	6.41	16	1.3	36°10'27'' 49°55'12''	209	1.5 1.5	UCAC2 40010955	11.90	7 ^h 36 ^m 15.588 ^s 23°16'11.104''	62.9	166	110.4	-26.6	93.8	5.3	95.6	136
2014/11/05 17:29:06	32409 RR16	5.2	18.36	6.96	105	0.7	35°09'08'' 50°39'13''	310	1.1 1.3	TYC 184900424	11.40	5 ^h 04 ^m 30.250 ^s 26°04'45.300''	18.0	71	145.3	-33.0	50.3	36.9	98.1	155
2014/11/05 22:30:22	71194 XH231	7.2	18.32	9.04	147	0.7	37°11'32'' 51°14'12''	26	1.1 1.4	TYC 584800647	9.28	0 ^h 50 ^m 57.783 ^s -15°10'03.170''	13.3	226	138.4	-52.9	30.3	43.5	98.7	201
2014/11/05 23:05:16	6341 UN3	14.5	15.53	2.97	122	1.2	35°32'45'' 51°02'11''	334	2.8 3.9	UCAC2 36939089	12.63	3 ^h 16 ^m 23.091 ^s 14°34'48.052''	51.7	210	171.9	-49.6	20.0	39.5	98.8	149
2014/11/05 23:05:23	7207 Ham-murabi	5.0	16.85	5.99	2	0.5	36°18'33'' 50°01'54''	137	1.7 1.7	TYC 233101867	10.87	2 ^h 26 ^m 26.509 ^s 34°55'51.769''	63.0	248	160.4	-49.6	25.3	39.5	98.8	119
2014/11/06 00:13:40	2173 Maresjev	18.2	16.84	3.91	27	3.0	35°55'44'' 49°58'13''	251	3.5 3.6	UCAC2 33545986	12.96	6 ^h 59 ^m 37.869 ^s 5°08'24.713''	42.2	153	116.3	-40.9	74.5	30.4	98.9	204
2014/11/06 00:24:46	64067 SB270	5.5	18.13	6.14	118	0.8	36°15'20'' 48°59'03''	181	1.0 1.3	UCAC2 38004595	11.99	0 ^h 01 ^m 32.140 ^s 17°49'23.901''	15.3	280	141.3	-39.3	29.3	28.8	99.0	170
2014/11/06 17:49:34	12689 RO2	6.9	18.23	9.27	33	1.0	36°29'10'' 49°46'53''	154	2.5 2.6	TYC 522800245	8.96	22 ^h 16 ^m 33.136 ^s -2°52'43.718''	35.6	199	110.8	-36.3	67.1	35.3	99.9	106
2014/11/06 18:05:27	4790 Petr-pravec	17.6	17.54	6.02	34	3.3	36°06'16'' 49°45'51''	202	4.3 4.4	UCAC2 26589320	11.53	0 ^h 25 ^m 50.890 ^s -14°24'53.885''	24.7	166	133.8	-38.7	43.3	37.6	99.9	161
2014/11/06 19:21:38	18282 Ilos	11.5	19.49	6.21	55	1.2	35°44'44'' 50°24'04''	316	1.2 1.2	UCAC2 36421710	13.29	5 ^h 48 ^m 21.504 ^s 13°09'39.979''	20.0	93	136.0	-48.9	45.1	47.1	99.9	389
2014/11/06 19:27:54	14168 UR15	7.9	18.94	7.96	158	0.6	37°27'11'' 48°50'36''	148	1.1 1.4	TYC 636000180	10.98	21 ^h 24 ^m 28.223 ^s -15°37'47.672''	9.6	231	94.4	-49.6	83.9	47.8	99.9	228
2014/11/06 20:47:36	32471 SK205	12.0	19.88	7.08	121	2.1	35°30'33'' 51°01'09''	333	1.2 1.2	UCAC2 39120560	12.80	6 ^h 32 ^m 10.322 ^s 20°38'26.425''	32.4	96	126.6	-55.7	54.3	53.4	100.0	395
2014/11/06 22:52:29	7574 WO1	14.5	16.40	3.77	115	1.9	36°47'36'' 51°01'40''	18	2.7 3.3	UCAC2 29209433	12.66	0 ^h 43 ^m 03.717 ^s -7°02'56.884''	16.0	237	141.5	-51.2	38.1	49.6	100.0	175
2014/11/07 00:14:29	12765 VA3	11.0	16.46	3.82	16	0.9	36°17'15'' 50°11'35''	0	2.6 2.6	UCAC2 38198595	12.68	3 ^h 32 ^m 53.598 ^s 18°27'56.286''	49.2	232	168.9	-41.0	10.2	40.4	100.0	166
2014/11/07 15:36:01	5297 Schinkel	7.2	15.81	3.86	202	0.9	35°19'03'' 51°45'13''	340	0.3 3.0	TYC 3700897	11.98	2 ^h 07 ^m 15.091 ^s 1°03'14.865''	10.6	101	161.5	-15.3	25.1	8.7	99.3	96
2014/11/07 18:19:17	25312 Asia-possenti	11.5	17.71	5.01	41	0.8	36°20'05'' 50°24'40''	5	2.2 2.2	UCAC2 31785652	12.72	21 ^h 22 ^m 51.088 ^s 0° - 15°32.571''	30.6	225	97.7	-41.0	93.2	33.9	99.1	205
2014/11/07 21:39:18	13365 zinyama	10.5	17.43	3.83	83	1.2	35°30'03'' 50°35'50''	317	2.1 2.3	UCAC2 39445772	13.63	5 ^h 31 ^m 35.847 ^s 21°34'02.197''	50.7	123	141.8	-56.3	26.0	56.0	98.8	182
2014/11/07 23:16:58	7067 Kiyose	14.5	16.56	2.92	208	2.7	38°56'04'' 50°50'46''	65	1.6 3.4	UCAC2 42394229	13.71	6 ^h 47 ^m 23.492 ^s 30°19'57.988''	60.7	121	124.6	-48.8	43.2	54.4	98.6	172
2014/11/08 17:07:10	37578 RY2	8.3	18.07	6.27	39	0.7	36°36'20'' 49°45'47''	144	1.7 1.7	TYC 181600601	11.81	4 ^h 23 ^m 51.714 ^s 23°33'35.251''	20.9	78	157.8	-30.2	6.0	15.8	96.2	197

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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}
2014/11/08 18:36:46	1067 Lunaria	21.0	14.53	1.31	200	4.2	34°10'07'' 51°14'31''	311	1.7	UCAC2 43929944	13.60	5 ^h 15 ^m 36.314 ^s 34°38'56.572''	34.6	75	143.7	-43.7	19.5	29.7	95.9	119
2014/11/08 19:00:01	3880 Kaiser-man	6.3	16.08	5.39	6	1.0	36°12'14'' 50°03'44''	285	3.0	TYC 290401781	10.70	5 ^h 11 ^m 03.069 ^s 41°23'40.879''	43.1	73	141.6	-46.8	25.0	33.3	95.8	83
2014/11/08 20:43:26	27396 Shuji	16.6	16.67	3.34	206	1.9	38°01'21'' 51°32'32''	37	1.9	UCAC2 29790345	13.38	6 ^h 46 ^m 50.192 ^s -5°55'46.586''	10.1	112	118.4	-56.1	39.8	47.9	95.5	190
2014/11/08 23:14:43	4411 Kochi-bunkyo	5.8	16.69	5.56	233	1.4	35°58'15'' 52°08'08''	354	0.1	TYC 1100893	11.14	0 ^h 42 ^m 21.643 ^s 0°48'21.637''	18.0	249	143.6	-49.3	61.7	58.2	95.0	95
2014/11/08 23:19:15	47134 1999 DB6	6.0	17.27	5.89	200	1.2	39°04'06'' 49°53'50''	95	0.6	TYC 187701083	11.39	6 ^h 11 ^m 16.138 ^s 22°35'08.284''	59.1	145	133.7	-48.8	21.0	58.1	95.0	135
2014/11/09 00:32:10	3759 Pironen	32.1	15.29	2.18	30	3.1	36°10'48'' 49°47'08''	195	9.1	UCAC2 44611388	13.26	2 ^h 50 ^m 23.514 ^s 36°31'22.316''	52.2	269	160.1	-38.9	31.5	54.1	94.8	137
2014/11/09 02:51:53	25755 2000 BR14	9.5	17.73	6.15	240	1.2	39°08'37'' 51°13'22''	57	0.9	UCAC2 44461012	11.58	5 ^h 51 ^m 46.881 ^s 36°04'58.968''	58.5	259	136.6	-16.9	22.3	36.4	94.3	189
2014/11/09 19:39:49	21600 1998 XL5	10.5	17.94	4.38	202	5.2	36°23'07'' 48°14'12''	178	1.3	UCAC2 35917192	13.58	7 ^h 18 ^m 28.626 ^s 11°43'45.078''	9.3	83	117.1	-51.6	26.6	31.8	90.3	198
2014/11/09 22:07:23	134329 Cyc-nos	11.0	19.88	8.78	103	0.7	36°12'14'' 49°07'41''	183	0.9	TYC 289901336	11.10	5 ^h 02 ^m 09.217 ^s 39°59'41.349''	73.8	121	144.7	-55.6	22.7	52.1	89.9	467
2014/11/09 22:35:36	210 Isabella	86.7	12.92	1.07	216	14.4	35°43'50'' 48°08'13''	191	5.0	UCAC2 41500021	12.36	5 ^h 16 ^m 50.311 ^s 27°50'35.054''	65.3	147	146.5	-53.6	10.4	54.9	89.8	111
2014/11/10 14:36:35	2126 Gerasi-movich	10.0	17.04	3.21	107	0.5	37°22'35'' 49°23'33''	133	1.8	UCAC2 27010960	13.88	2 ^h 09 ^m 08.215 ^s -13°55'39.065''	25.3	167	87.6	-6.6	137.4	-16.1	85.3	192
2014/11/10 22:12:31	97447 2000 BM30	6.3	17.96	7.55	185	0.5	36°34'19'' 48°23'48''	174	0.7	TYC 285800819	10.42	2 ^h 56 ^m 12.285 ^s 44°07'16.065''	78.1	246	153.0	-55.6	51.3	46.2	82.9	266
2014/11/11 04:17:18	24446 2000 PR25	21.9	17.91	4.70	250	1.3	38°54'44'' 51°33'49''	48	1.8	UCAC2 46780492	13.22	3 ^h 38 ^m 37.632 ^s 43°41'58.542''	28.6	305	152.5	-4.0	46.4	38.9	81.0	382
2014/11/11 22:25:48	48715 1996 RP2	6.0	18.54	7.06	141	1.0	36°09'01'' 48°46'51''	184	1.0	UCAC2 42207762	11.48	5 ^h 55 ^m 27.594 ^s 29°39'08.594''	62.4	128	139.8	-54.9	23.4	40.2	74.9	187
2014/11/12 02:05:29	726 Joella	43.6	14.28	2.58	26	5.8	36°34'53'' 49°54'44''	126	14.6	UCAC2 37511603	11.81	6 ^h 34 ^m 47.740 ^s 16°12'06.985''	52.7	213	130.6	-25.0	13.1	56.3	73.5	116
2014/11/12 14:09:24	29 Amphitrite	212.2	11.24	0.99	166	6.2	38°07'29'' 49°08'54''	127	28.7	TYC 688202000	10.81	19 ^h 10 ^m 18.707 ^s -26°38'49.182''	12.6	192	55.9	-2.9	164.9	-24.5	69.1	215
2014/11/12 15:44:17	11200 1999 CV121	12.6	16.99	3.63	84	0.6	37°19'10'' 49°41'41''	118	2.4	UCAC2 17851672	13.40	21 ^h 51 ^m 14.735 ^s -33°09'35.042''	6.8	177	88.6	-17.6	148.7	-21.1	68.5	185
2014/11/12 17:08:30	53516 2000 AV136	6.0	19.09	8.99	7	0.5	36°13'39'' 50°05'51''	323	1.2	TYC 578800461	10.10	21 ^h 45 ^m 50.568 ^s -8°15'46.173''	29.6	201	95.8	-31.1	153.2	-13.7	68.0	200
2014/11/12 17:29:26	6454 1991 UG1	10.5	14.65	1.36	123	0.7	35°35'11'' 49°02'08''	204	2.0	UCAC2 30128063	13.66	3 ^h 04 ^m 59.084 ^s -4°56'41.653''	17.1	120	157.2	-34.5	75.9	-11.3	67.9	130
2014/11/12 19:16:16	8644 Betu-lapendula	6.9	16.29	4.82	173	0.6	35°16'30'' 51°27'46''	335	0.8	UCAC2 40132545	11.49	3 ^h 10 ^m 37.267 ^s 23°32'06.223''	54.6	127	174.2	-49.7	69.1	2.9	67.2	113

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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}
2014/11/12 20:55:05	43815 1991 VD4	14.5	15.47	2.16	137	1.5	38°11'05" 50°15'48"	80	2.5	UCAC2 40486360	13.47	6 ^h 04 ^m 09.104 ^s 24°39'16.967"	44.7	105	139.2	-57.6	30.6	17.8	66.6	141
2014/11/12 23:01:02	11488 1988 RM11	18.2	18.45	4.84	15	1.7	36°23'44" 49°56'02"	148	2.2	UCAC2 38754683	13.63	5 ^h 45 ^m 07.508 ^s 19°53'16.254"	58.4	157	143.6	-51.9	35.4	36.9	65.8	337
2014/11/12 23:05:47	948 Jucunda	16.6	16.17	4.73	235	1.2	36°24'21" 52°09'18"	2	1.6	TYC 175800726	11.45	2 ^h 11 ^m 48.034 ^s 22°37'30.856"	47.6	245	165.2	-51.4	84.5	37.5	65.7	184
2014/11/13 02:18:03	3863 Gilyarovskij	8.7	16.69	4.83	60	1.3	35°57'33" 50°32'33"	337	2.5	TYC 71700788	11.87	6 ^h 02 ^m 21.532 ^s 8°51'48.776"	41.0	224	137.7	-23.2	33.9	54.6	64.5	121
2014/11/13 19:17:12	46564 1991 RA11	12.6	16.76	3.28	48	1.0	36°11'30" 50°28'25"	352	2.7	UCAC2 38192455	13.53	1 ^h 41 ^m 23.445 ^s 18°22'40.756"	58.1	168	157.8	-50.0	102.4	-5.6	58.0	181
2014/11/13 21:58:19	3256 Da-guerre	24.4	16.36	2.82	224	4.8	38°50'18" 48°54'31"	125	2.3	UCAC2 35890363	13.63	6 ^h 05 ^m 39.624 ^s 11°48'13.803"	43.5	134	138.5	-57.2	42.1	18.5	56.9	157
2014/11/14 01:06:38	17871 1998 RD58	14.5	18.42	5.62	209	0.6	36°17'25" 48°09'56"	180	1.5	UCAC2 37542667	12.81	10 ^h 57 ^m 46.325 ^s 16°15'59.886"	32.6	104	72.2	-34.8	27.9	44.7	55.7	289
2014/11/14 02:36:56	7306 Panizon	7.2	19.42	7.46	80	0.5	35°59'58" 50°44'48"	345	1.1	UCAC2 43961966	11.96	10 ^h 19 ^m 51.673 ^s 34°36'36.418"	65.5	119	87.8	-20.4	28.3	51.2	55.1	251
2014/11/14 19:07:43	3593 Osip	5.2	16.73	8.12	141	0.8	35°12'32" 51°06'49"	327	0.2	TYC 61701146	8.62	1 ^h 26 ^m 38.919 ^s 10°53'51.389"	50.9	173	151.9	-49.0	119.8	-15.2	48.6	60
2014/11/14 20:23:03	32482 2000 ST354	21.9	17.96	5.04	245	1.3	36°53'09" 47°52'48"	170	2.0	UCAC2 40303132	12.93	4 ^h 19 ^m 01.091 ^s 24°29'00.089"	56.2	128	164.7	-56.6	77.6	-5.0	48.1	346
2014/11/14 21:54:02	134329 Cyc-nos	11.0	19.83	8.68	148	0.7	36°14'14" 48°43'10"	181	0.9	TYC 289802806	11.15	4 ^h 59 ^m 19.890 ^s 40°08'57.657"	75.2	125	149.3	-57.7	69.8	8.7	47.5	464
2014/11/15 16:14:06	286 Iclea	96.9	15.01	2.20	199	2.8	36°39'42" 48°16'23"	172	11.1	UCAC2 26333918	12.96	19 ^h 12 ^m 45.901 ^s -15°11'51.498"	13.2	226	55.0	-22.9	133.5	-33.6	40.4	259
2014/11/15 17:57:31	2021 Poincare	7.2	16.98	5.82	92	0.9	35°41'58" 50°46'51"	333	1.8	TYC 72800660	11.17	5 ^h 53 ^m 00.645 ^s 14°58'36.069"	12.8	82	143.9	-39.3	66.5	-29.9	39.8	117
2014/11/15 19:04:22	6904 McGill	5.0	17.17	6.34	210	0.8	37°25'09" 48°18'41"	157	0.3	TYC 239400614	10.83	5 ^h 17 ^m 54.270 ^s 32°51'44.364"	41.8	86	150.5	-48.8	75.4	-23.7	39.4	105
2014/11/15 21:05:28	1334 Lund-marka	31.3	15.59	4.19	117	3.2	35°39'12" 51°01'07"	337	5.5	UCAC2 25448116	11.43	22 ^h 49 ^m 01.932 ^s -17°26'06.100"	1.6	240	103.6	-58.6	167.3	-7.9	38.6	186
2014/11/15 21:26:45	49630 1999 GB21	11.0	17.53	5.04	69	0.9	36°44'25" 50°35'28"	28	2.1	UCAC2 46814624	12.50	6 ^h 37 ^m 51.038 ^s 43°39'04.330"	58.1	83	132.3	-58.7	63.1	-4.8	38.4	193
2014/11/15 23:52:35	4226 Dami-aan	30.9	15.94	2.54	217	4.4	37°24'47" 48°14'36"	158	3.1	UCAC2 38040567	13.51	6 ^h 18 ^m 50.786 ^s 17°37'42.344"	57.5	171	138.5	-46.2	63.4	17.6	37.4	160
2014/11/16 00:10:21	5141 Tachibana	10.0	17.41	5.65	254	1.8	36°05'15" 52°19'35"	357	0.7	UCAC2 38946240	11.76	6 ^h 27 ^m 52.388 ^s 20°07'26.326"	60.2	174	136.7	-43.7	61.5	20.2	37.3	164
2014/11/16 01:54:43	69270 1989 BB	6.9	16.68	5.07	131	3.2	38°02'42" 50°24'28"	72	1.2	TYC 244700158	11.62	6 ^h 36 ^m 54.635 ^s 36°44'59.553"	70.2	236	134.2	-27.6	63.2	34.4	36.7	108
2014/11/16 15:40:49	5178 Pat-tazhy	5.5	17.34	5.24	132	0.8	37°12'52" 49°01'45"	150	1.0	TYC 524300264	12.11	23 ^h 10 ^m 00.373 ^s 0° - 25'12.289"	36.8	154	114.3	-17.7	177.0	-34.7	31.5	110

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 5		LinOccult 2.2.0 BETA				
		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}
2014/11/16 21:45:18	1320 Impala	39.7	16.94	4.28	24	4.3	36°34'38'' 50°09'52''	58	6.8	UCAC2 43268351	12.68	8 ^h 27 ^m 58.414 ^s 32°51'09.446''	37.9	82	112.3	-58.5	49.9	-11.3	29.3	231
2014/11/16 22:10:21	34873 UF6	2001	17.42	9.02	8	0.8	36°19'19'' 50°06'39''	20	2.9	TYC 291501314	8.40	5 ^h 43 ^m 00.438 ^s 40°42'44.986''	72.8	115	143.7	-57.3	83.6	-7.6	29.1	103
2014/11/16 22:26:21	7437 Torricelli	5.2	18.01	5.94	70	0.6	36°04'53'' 50°39'41''	348	1.4	TYC 137901000	12.08	8 ^h 31 ^m 21.293 ^s 15°13'18.505''	31.4	104	107.9	-56.2	42.9	-5.2	29.0	129
2014/11/16 23:01:00	3401 Vamphios	11.5	14.07	1.70	130	5.7	36°48'45'' 48°55'53''	163	1.5	UCAC2 48168159	12.63	23 ^h 32 ^m 52.265 ^s 50°33'25.430''	39.2	305	124.1	-52.9	127.5	0.2	28.7	80
2014/11/17 00:49:43	1622 Cha-cornac	12.6	16.68	4.02	27	2.9	36°01'58'' 50°13'24''	317	3.2	UCAC2 41708304	12.69	8 ^h 15 ^m 37.605 ^s 28°17'01.840''	64.0	139	114.4	-38.1	51.7	16.7	28.2	152
2014/11/17 18:40:23	20301 Thakur	5.5	17.61	6.82	82	0.8	35°45'03'' 50°41'52''	332	1.4	TYC 241301205	10.79	5 ^h 50 ^m 05.025 ^s 34°37'17.733''	35.3	76	145.5	-45.9	91.7	-39.9	22.0	124
2014/11/17 19:03:46	70104 JG138	1999	16.81	4.21	167	1.0	36°43'01'' 48°34'18''	169	1.8	UCAC2 45314782	12.63	5 ^h 33 ^m 33.597 ^s 38°58'28.419''	44.3	78	146.9	-49.1	95.1	-38.6	21.9	184
2014/11/17 20:45:48	14962 Masanori-abe	12.6	17.29	4.78	147	1.0	38°19'53'' 49°55'25''	95	2.0	TYC 13000371	12.53	6 ^h 07 ^m 24.603 ^s 0°11'09.554''	26.1	125	137.4	-58.5	87.9	-28.6	21.3	189
2014/11/17 20:45:48	14962 Masanori-abe	12.6	17.29	5.29	147	1.0	38°19'53'' 49°55'25''	95	2.0	UCAC2 31815698	12.01	6 ^h 07 ^m 24.603 ^s 0°11'09.554''	26.1	125	137.4	-58.5	87.9	-28.6	21.3	189
2014/11/17 23:06:25	78202 NG50	2002	18.31	8.34	121	0.6	36°14'04'' 48°57'45''	182	0.9	TYC 239700123	9.97	5 ^h 13 ^m 19.069 ^s 35°29'26.204''	75.7	185	152.2	-52.5	101.4	-8.7	20.5	189
2014/11/18 02:13:41	7945 Kreisau	5.2	17.96	5.95	91	2.0	36°24'21'' 50°51'52''	5	1.3	TYC 189900777	12.02	7 ^h 03 ^m 17.089 ^s 24°53'06.790''	60.3	221	131.1	-25.0	79.0	19.3	19.4	124
2014/11/18 02:51:28	10490 VL	1985	17.65	3.75	71	1.5	35°25'48'' 50°21'53''	300	2.2	UCAC2 33554518	13.94	7 ^h 23 ^m 37.161 ^s 5°03'13.935''	40.4	214	122.1	-18.9	72.2	24.1	19.2	193
2014/11/18 16:58:37	35054 WK	1983	16.51	5.07	49	0.7	36°24'50'' 49°37'06''	169	1.9	TYC 131001400	11.45	5 ^h 37 ^m 52.399 ^s 21°25'42.182''	12.6	72	151.2	-30.5	105.7	-41.7	15.0	89
2014/11/18 22:48:11	3768 Monroe	16.6	16.30	2.82	194	4.1	38°05'10'' 48°45'32''	138	2.0	UCAC2 34082632	13.56	7 ^h 04 ^m 31.215 ^s 6°39'13.274''	40.1	140	127.9	-54.7	87.0	-21.2	13.3	160
2014/11/19 01:23:36	3319 Kibi	13.8	15.63	2.79	249	1.3	36°50'10'' 52°15'39''	9	0.9	UCAC2 40136214	12.92	3 ^h 58 ^m 48.918 ^s 23°35'37.492''	39.9	259	173.2	-33.2	132.6	2.5	12.5	145
2014/11/19 02:02:39	1161 Thes-salia	30.4	15.31	2.35	45	2.5	35°59'43'' 49°41'24''	208	7.6	UCAC2 38562288	13.09	4 ^h 25 ^m 22.074 ^s 19°27'02.135''	34.9	259	168.5	-26.9	127.6	8.3	12.3	153
2014/11/19 03:56:49	9711 Zeletava	12.6	16.29	3.33	61	1.2	36°36'32'' 50°33'23''	22	2.5	UCAC2 40980754	13.01	5 ^h 03 ^m 13.151 ^s 26°00'06.942''	27.3	279	159.0	-8.9	119.1	23.1	11.8	192
2014/11/19 16:24:34	3578 Carestia	62.4	14.59	1.37	21	5.3	36°34'40'' 50°01'38''	96	14.2	UCAC2 45110325	13.58	1 ^h 09 ^m 11.334 ^s 38°05'15.181''	61.8	101	142.6	-25.2	150.1	-36.9	8.7	174
2014/11/19 16:45:02	47964 SG131	2000	18.97	7.44	181	1.0	37°48'31'' 48°45'47''	143	1.3	TYC 132401989	11.53	5 ^h 54 ^m 23.211 ^s 22°24'49.012''	9.5	66	148.3	-28.5	114.3	-39.4	8.6	360
2014/11/19 20:52:56	45512 BD23	2000	18.81	6.59	220	0.5	37°26'58'' 48°13'42''	158	0.5	TYC 174801625	12.22	1 ^h 26 ^m 37.549 ^s 22°42'15.411''	55.8	227	148.8	-59.2	166.3	-44.4	7.6	199

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 6		LinOccult 2.2.0 BETA			
		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}
2014/11/19 21:52:00	837 Schwarzschilda	12.0	14.92	2.17	44	1.2	36°30'36'' 49°40'33''	159	4.2 4.6	UCAC2 36586778	12.90	4 ^h 29 ^m 10.862 ^s 13°31'42.156''	53.6	173	166.8	-59.0	137.5	-38.2	7.4	104
2014/11/19 22:46:42	40152 1998 QA77	7.2	17.66	6.13	84	0.6	36°36'10'' 49°19'26''	164	1.5 1.8	UCAC2 40461312	11.53	2 ^h 28 ^m 41.367 ^s 24°35'11.864''	50.3	245	162.7	-55.1	160.7	-31.0	7.2	164
2014/11/20 02:05:48	13289 1998 QK75	10.0	16.54	3.28	252	1.1	37°32'41'' 52°10'18''	21	0.6 2.7	UCAC2 38010651	13.32	2 ^h 03 ^m 03.534 ^s 17°58'37.725''	9.9	286	156.8	-26.6	170.9	-1.0	6.5	149
2014/11/20 14:55:42	781 Kartvelia	66.0	15.23	2.47	210	1.4	33°51'44'' 49°00'24''	236	7.0 9.2	UCAC2 29473817	12.88	16 ^h 06 ^m 04.775 ^s -6°33'58.007''	2.5	257	14.3	-11.2	28.6	-19.7	4.1	285
2014/11/20 17:53:54	26384 1999 QP2	5.8	17.27	7.22	99	0.7	37°22'32'' 49°30'06''	128	1.3 1.9	TYC 175200470	10.05	1 ^h 34 ^m 52.481 ^s 25°06'57.059''	61.2	142	149.9	-39.5	163.4	-44.9	3.6	124
2014/11/20 19:26:43	17075 Pankonin	5.0	16.02	4.57	95	0.9	36°32'19'' 49°12'47''	169	1.3 2.3	TYC 176600786	11.47	2 ^h 30 ^m 39.507 ^s 23°14'25.757''	62.3	160	162.6	-52.5	168.9	-52.0	3.3	87
2014/11/20 22:53:32	181256 2005 UD359	5.0	20.31	8.55	188	0.8	36°12'31'' 48°21'32''	182	0.5 0.6	TYC 135602297	11.76	6 ^h 58 ^m 37.726 ^s 22°09'19.682''	56.0	136	134.8	-54.6	115.5	-39.4	2.8	345
2014/11/21 04:36:47	5805 Glasgow	11.5	16.06	2.67	163	0.9	34°37'16'' 49°03'34''	227	1.7 3.3	UCAC2 42358374	13.49	3 ^h 09 ^m 52.905 ^s 30°28'17.972''	7.3	310	166.6	-3.4	161.8	10.5	2.0	140
2014/11/21 13:58:46	253 Mathilde	58.0	13.69	2.68	73	11.5	36°30'32'' 49°24'22''	167	17.0 21.2	TYC 466800334	11.10	0 ^h 21 ^m 06.003 ^s -2°48'54.151''	17.2	117	124.6	-2.9	136.3	-5.4	1.1	108
2014/11/21 14:36:36	2382 Nonie	14.5	15.76	5.32	217	0.6	35°35'40'' 48°08'49''	193	1.2 4.2	TYC 167700628	10.45	21 ^h 38 ^m 03.398 ^s 21°06'38.234''	60.5	164	95.1	-8.4	103.0	-11.2	1.0	137
2014/11/21 14:37:36	1214 Richilde	35.3	16.30	3.77	196	0.8	38°26'07'' 48°58'11''	128	4.3 6.2	UCAC2 23229374	12.56	18 ^h 43 ^m 42.244 ^s -21°43'01.328''	11.8	213	41.2	-8.6	52.4	-11.3	1.0	227
2014/11/21 16:10:21	73677 1988 SA3	13.2	18.99	5.76	217	0.8	33°45'12'' 51°08'45''	304	1.2 1.5	UCAC2 46666851	13.24	4 ^h 55 ^m 05.115 ^s 43°14'35.786''	29.3	56	152.6	-23.1	143.4	-25.8	0.9	351
2014/11/21 16:21:30	617 Patroclus	140.9	15.21	2.18	97	8.3	37°08'50'' 49°22'27''	141	17.6 18.5	UCAC2 44969693	13.18	5 ^h 10 ^m 05.767 ^s 37°35'08.929''	24.9	60	154.8	-24.9	144.6	-27.6	0.9	300
2014/11/21 20:31:11	10146 Mukaitadashi	6.6	17.58	6.51	188	0.7	35°50'59'' 51°42'35''	350	0.8 1.8	UCAC2 40311724	11.08	5 ^h 26 ^m 16.247 ^s 24°01'10.570''	51.6	119	156.9	-58.6	148.4	-55.3	0.6	147
2014/11/21 23:45:06	4418 Fred-franklin	9.5	16.86	5.28	167	1.5	36°46'09'' 48°34'55''	168	1.3 2.7	TYC 2700352	11.59	1 ^h 25 ^m 52.299 ^s 5°06'21.699''	15.5	259	142.2	-48.6	148.9	-41.7	0.4	140
2014/11/21 23:46:39	59622 1999 JX72	5.0	17.70	5.26	250	0.5	34°00'27'' 48°21'44''	221	0.4 1.3	TYC 3700055	12.45	2 ^h 02 ^m 41.238 ^s 2°28'46.334''	18.9	250	148.7	-48.4	155.9	-41.5	0.4	156
2014/11/22 02:40:07	9461 1998 HV33	5.2	18.36	7.78	100	0.8	36°41'54'' 50°54'17''	17	1.1 1.4	TYC 188000619	10.58	6 ^h 35 ^m 19.018 ^s 24°04'43.184''	50.6	243	141.4	-21.5	136.2	-15.6	0.3	148
2014/11/22 03:29:20	24649 Bal-aklava	10.0	17.70	5.12	171	0.7	36°17'37'' 51°34'51''	0	1.4 2.0	UCAC2 36951679	12.59	5 ^h 35 ^m 51.778 ^s 14°51'32.397''	26.9	261	154.1	-13.7	150.5	-8.1	0.2	196
2014/11/22 04:46:22	294 Felicia	53.0	15.69	2.34	160	6.3	37°11'10'' 51°22'02''	24	7.7 10.8	UCAC2 37873470	13.48	6 ^h 51 ^m 52.575 ^s 17°09'56.733''	28.5	263	136.9	-2.3	133.3	2.8	0.2	196
2014/11/22 05:02:02	1390 Abastumani	101.6	15.93	2.50	136	3.4	37°07'00'' 51°09'14''	26	12.6 14.2	UCAC2 35217960	13.55	12 ^h 28 ^m 10.035 ^s 9°46'02.159''	48.3	159	57.9	-0.1	53.4	4.9	0.2	285

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		LinOccult 2.2.0 BETA				
		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}	
2014/11/22 22:37:29	20691 1999 VY72	7.2	17.69	7.12	232	0.8	33°14'09'' 50°48'06''	291	0.5	TYC	10.57	9 ^h 15 ^m 57.460 ^s 16°31'53.422''	30.9	101	104.0	-56.6	109.2	-56.0	0.3	141	
2014/11/23 01:27:48	67228 2000 DY107	6.0	17.51	6.21	46	0.5	36°15'00'' 49°37'53''	183	1.2	UCAC2	11.31	4 ^h 49 ^m 21.685 ^s 9°21'02.354''	33.5	241	162.6	-33.3	169.7	-36.3	0.5	193	
2014/11/23 14:56:59	14389 1990 QR5	7.9	18.33	7.59	92	0.6	37°22'44'' 49°37'13''	121	1.4	TYC	10.75	5 ^h 13 ^m 42.872 ^s 20°12'28.088''	0.3	58	161.7	-11.8	175.5	-1.1	1.6	196	
2014/11/23 15:21:37	982 Franklina	34.7	15.04	3.58	174	1.1	35°04'36'' 51°24'46''	330	4.8	UCAC2	11.50	20 ^h 35 ^m 08.229 ^s -11°56'14.311''	25.6	202	67.2	-15.6	52.7	-4.6	1.7	194	
2014/11/23 15:42:27	14725 2000 DC3	9.1	18.32	7.35	197	0.8	39°01'02'' 49°51'09''	96	1.1	TYC	10.97	23 ^h 20 ^m 00.175 ^s -15°15'16.860''	23.4	164	103.5	-18.9	90.2	-7.6	1.7	235	
2014/11/23 16:48:18	10085 1990 QF5	12.0	17.26	5.11	160	0.8	37°54'37'' 49°04'04''	133	1.7	UCAC2	12.16	3 ^h 30 ^m 17.583 ^s 39°12'43.599''	46.2	80	160.3	-29.5	151.3	-17.5	1.8	202	
2014/11/23 22:57:17	2221 Chilton	10.0	15.87	4.42	219	0.8	37°16'42'' 48°11'23''	161	0.7	UCAC2	11.47	4 ^h 11 ^m 52.059 ^s 22°03'12.738''	57.9	217	176.1	-54.9	164.5	-58.5	2.7	129	
2014/11/24 01:12:14	560 Delila	37.2	16.28	2.75	254	1.0	38°21'41'' 51°55'23''	35	3.5	UCAC2	13.62	13 ^h 11 ^m 07.612 ^s 0° - 22°33.961''	5.8	98	45.3	-36.0	64.0	-47.1	3.0	226	
2014/11/24 01:29:43	75301 1999 XN34	7.2	19.49	7.33	103	0.6	36°51'11'' 50°54'13''	23	1.0	TYC	12.16	0 ^h 16 ^m 57.241 ^s 27°10'05.976''	4.9	308	129.5	-33.2	110.1	-44.8	3.1	265	
2014/11/24 01:38:50	2337 Boubin	25.2	15.16	2.85	239	3.1	39°35'48'' 50°25'02''	80	1.6	UCAC2	12.39	6 ^h 32 ^m 33.343 ^s 40°03'09.774''	69.5	251	141.6	-31.8	153.7	-43.5	3.1	136	
2014/11/24 02:46:17	4969 Lawrence	10.0	15.81	2.46	138	0.8	38°12'41'' 49°58'32''	93	1.4	UCAC2	13.47	8 ^h 06 ^m 21.067 ^s -27°26'08.407''	10.8	197	103.1	-20.9	119.7	-33.6	3.3	234	
2014/11/24 03:12:37	77451 2001 HU7	5.5	18.72	6.58	210	0.6	33°29'42'' 49°28'55''	252	0.6	TYC	12.14	6 ^h 50 ^m 44.483 ^s 33°28'30.081''	53.5	260	139.6	-16.8	156.0	-29.6	3.3	203	
2014/11/24 04:56:37	20179 1996 XX31	6.6	17.29	7.90	122	0.5	34°48'08'' 49°30'42''	241	1.3	TYC	9.39	4 ^h 25 ^m 07.937 ^s 40°56'37.593''	21.0	309	158.7	-1.2	153.5	-13.6	3.6	137	
2014/11/24 13:44:43	961 Gunnie	37.8	15.23	2.97	80	3.1	35°22'54'' 50°28'02''	306	9.2	UCAC2	12.34	3 ^h 03 ^m 43.088 ^s 25°45'02.291''	13.4	66	166.1	-1.3	140.5	13.8	5.3	138	
2014/11/24 17:49:06	45119 1999 XA86	9.1	18.68	6.97	138	1.1	34°31'46'' 50°34'58''	295	1.3	TYC	11.71	0 ^h 42 ^m 06.421 ^s 16°32'08.915''	56.6	174	133.0	-39.3	104.3	-18.3	6.2	232	
2014/11/24 18:40:53	1292 Luce	18.2	16.15	5.58	9	2.3	36°22'39'' 49°59'45''	131	4.3	TYC	10.58	23 ^h 17 ^m 54.196 ^s -1°43'37.630''	32.1	217	107.4	-47.0	78.5	-26.2	6.4	168	
2014/11/24 21:43:04	7284 1989 VW	16.6	17.52	3.78	209	1.7	34°42'21'' 51°38'04''	327	1.9	UCAC2	13.78	9 ^h 37 ^m 49.353 ^s 21°23'07.547''	23.4	84	102.5	-60.4	131.8	-51.8	7.1	235	
2014/11/24 22:10:52	628 Christine	49.7	14.55	1.09	152	2.4	36°43'05'' 48°42'36''	168	7.6	UCAC2	13.96	10 ^h 53 ^m 21.288 ^s 12°46'38.372''	9.4	81	82.6	-59.1	112.7	-54.6	7.2	191	
2014/11/25 02:45:39	2358 Bahner	20.9	15.41	3.02	121	2.5	35°04'10'' 49°17'38''	226	3.7	UCAC2	12.46	6 ^h 22 ^m 07.290 ^s 37°15'33.013''	55.0	267	145.4	-21.2	160.9	-41.9	8.4	182	
2014/11/25 14:50:07	4349 Tiburcio	26.1	15.67	4.94	187	1.3	38°45'22'' 49°31'33''	108	3.3	TYC	10.74	22 ^h 40 ^m 22.688 ^s -21°48'01.492''	16.7	164	90.3	-11.0	53.1	13.8	11.8	166	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8')										Sorted by date/time.			Table 1		Page 8		LinOccult 2.2.0 BETA				
		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}	
2014/11/25 18:58:28	2962 Otto	20.0	15.15	1.92	176	2.2	35°49'53" 51°35'54"	349	2.4	UCAC2	13.43	7 ^h 01 ^m 15.364 ^s 35°59'21.458"	32.9	71	138.7	-49.6	161.4	-19.3	13.1	128	
2014/11/25 20:24:34	31775 1999 JN122	6.6	17.08	8.80	138	0.7	37°22'27" 49°01'29"	146	0.7	HIP	8.29	2 ^h 09 ^m 35.132 ^s 23°13'07.878"	61.0	209	153.2	-58.9	110.6	-32.5	13.6	76	
2014/11/25 21:27:14	3696 Herald	11.5	17.13	3.45	100	0.9	35°54'13" 50°54'31"	344	2.2	UCAC2	13.72	5 ^h 30 ^m 58.382 ^s 35°06'02.806"	69.4	128	156.3	-60.9	151.6	-41.6	13.9	181	
2014/11/25 21:45:35	5684 Kogo	5.2	18.96	6.99	175	0.7	37°13'26" 48°35'58"	157	0.7	UCAC2	11.98	9 ^h 34 ^m 19.969 ^s 17°39'58.506"	22.3	89	103.2	-60.6	145.9	-44.1	14.1	166	
2014/11/26 00:43:51	2604 Marshak	18.0	17.37	4.88	128	1.6	36°02'22" 48°54'22"	188	3.2	UCAC2	12.50	6 ^h 11 ^m 10.109 ^s 9°35'45.233"	46.7	208	147.8	-40.8	162.1	-57.1	15.0	161	
2014/11/26 01:09:25	1859 Ko- valevskaya	46.0	15.96	3.27	6	4.4	36°14'11" 50°00'15"	217	9.4	UCAC2	12.75	6 ^h 23 ^m 32.024 ^s 33°24'07.596"	66.6	234	147.1	-36.8	159.3	-56.4	15.2	194	
2014/11/26 02:36:44	4832 Palinu- rus	34.7	17.25	4.76	23	2.5	36°11'55" 49°51'10"	196	3.8	UCAC2	12.50	6 ^h 15 ^m 13.167 ^s 6°31'02.983"	31.8	238	145.6	-22.8	160.5	-49.3	15.7	364	
2014/11/26 03:30:51	67138 2000 AF165	7.2	17.40	5.95	208	0.9	37°59'06" 51°34'35"	36	0.7	TYC	11.45	6 ^h 15 ^m 05.066 ^s 24°52'27.853"	37.8	265	150.1	-14.3	161.7	-42.4	16.0	140	
2014/11/26 15:32:55	6281 Strnad	9.1	17.08	5.36	18	0.7	36°23'35" 49°54'01"	155	2.4	UCAC2	11.73	5 ^h 13 ^m 43.599 ^s 38°45'35.529"	21.3	55	157.3	-17.7	138.0	17.0	20.4	152	
2014/11/26 15:34:30	570 Kythera	102.8	13.16	0.63	68	8.7	35°45'30" 50°33'42"	327	23.8	UCAC2	13.42	3 ^h 31 ^m 00.466 ^s 18°23'19.484"	22.1	87	170.8	-17.9	117.4	16.9	20.4	154	
2014/11/26 18:21:24	7231 Porco	12.0	16.90	5.60	45	0.9	36°06'57" 50°26'07"	344	2.6	TYC	11.31	5 ^h 10 ^m 14.019 ^s 33°51'17.308"	43.8	87	161.3	-44.4	137.4	-3.6	21.5	178	
2014/11/26 18:42:22	61226 2000 OR13	7.6	17.22	5.63	59	0.6	36°59'25" 49°46'02"	122	1.7	TYC	11.60	1 ^h 58 ^m 19.833 ^s 44°07'01.481"	82.6	138	144.4	-47.4	100.0	-6.7	21.6	170	
2014/11/26 20:17:49	5525 1991 TS4	7.9	16.81	5.36	220	0.5	37°14'43" 48°10'19"	162	0.5	TYC	11.46	22 ^h 52 ^m 55.649 ^s −1°40'01.193"	15.6	248	99.6	-58.5	43.5	-21.2	22.2	120	
2014/11/26 21:21:30	2653 Prin- cipia	20.5	15.47	1.83	23	2.7	36°10'26" 50°14'32"	340	6.4	UCAC2	13.86	6 ^h 04 ^m 58.265 ^s 16°20'50.097"	49.2	135	152.3	-61.2	150.4	-30.9	22.7	125	
2014/11/26 21:28:05	159704 2002 RA187	5.2	17.36	6.43	153	0.5	37°30'09" 48°55'13"	145	0.8	TYC	10.93	3 ^h 36 ^m 16.391 ^s 17°17'45.926"	56.5	197	171.4	-61.1	114.9	-31.8	22.8	177	
2014/11/27 00:42:14	10265 Gun- narsson	10.5	16.80	3.69	14	0.9	36°19'03" 49°55'18"	171	2.6	UCAC2	13.15	4 ^h 06 ^m 52.255 ^s 35°08'56.358"	50.6	268	165.8	-41.3	120.8	-53.6	24.1	163	
2014/11/27 01:52:29	27496 2000 GC125	12.0	15.07	2.60	89	1.2	35°58'04" 50°49'23"	345	3.1	UCAC2	12.57	4 ^h 42 ^m 57.555 ^s 0° − 17°00.049"	18.8	246	157.2	-30.1	124.5	-54.4	24.6	112	
2014/11/27 04:14:24	5237 Yoshikawa	7.6	17.27	6.19	197	0.5	37°14'42" 51°42'49"	20	0.7	TYC	11.08	9 ^h 58 ^m 13.277 ^s 19°00'34.939"	56.6	209	99.5	-7.9	157.1	-42.0	25.5	129	
2014/11/27 04:29:11	47134 1999 DB6	6.0	16.78	5.48	73	0.7	36°13'22" 49°23'30"	184	1.6	UCAC2	11.30	6 ^h 03 ^m 07.022 ^s 20°24'42.009"	22.6	275	153.8	-5.7	145.5	-40.0	25.7	122	
2014/11/27 05:05:39	72 Feronia	86.1	14.02	0.86	182	1.9	37°30'46" 51°29'12"	29	11.1	UCAC2	13.82	13 ^h 58 ^m 10.422 ^s −12°45'50.974"	21.7	148	32.7	-0.6	93.6	-34.8	25.9	220	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 9		LinOccult 2.2.0 BETA			
		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}
2014/11/27 16:20:14	1984 Fedynskij	38.0	16.69	4.50	155	1.1	37°21'00" 48°50'33"	150	5.2	UCAC2	12.21	20 ^h 26 ^m 54.216 ^s −16°12'44.143"	14.6	221	60.0	-25.3	7.3	20.6	30.7	235
2014/11/27 19:23:21	8048 Andrie	11.0	16.40	4.93	153	1.0	35°44'02" 51°22'31"	345	1.7	TYC	11.49	5 ^h 03 ^m 59.826 ^s 33°26'46.592"	55.1	102	163.3	-53.0	122.4	-2.1	32.0	148
2014/11/27 19:27:14	4040 Purcell	9.1	16.96	5.24	198	1.0	35°17'19" 51°42'33"	339	0.9	UCAC2	11.73	6 ^h 15 ^m 34.003 ^s 25°01'45.137"	38.6	96	151.7	-53.5	139.1	-2.7	32.0	138
2014/11/27 20:15:16	2648 Owa	9.1	14.84	5.95	246	1.8	38°10'34" 48°13'14"	146	0.0	TYC	8.90	6 ^h 04 ^m 55.617 ^s 27°01'04.214"	49.3	107	154.0	-58.5	135.9	-9.9	32.4	48
2014/11/28 03:16:02	2657 Bashkiria	13.2	16.49	5.30	82	4.2	35°27'47" 49°32'33"	226	3.0	TYC	11.20	7 ^h 34 ^m 32.138 ^s 23°57'10.901"	50.5	243	134.1	-17.0	152.0	-49.8	35.6	154
2014/11/28 04:04:49	18093 KS31	8.3	17.05	7.63	206	1.0	35°46'34" 51°52'15"	350	0.9	HIP	9.42	6 ^h 46 ^m 20.180 ^s 15°23'03.788"	29.1	259	143.7	-9.5	142.1	-46.2	36.1	152
2014/11/28 04:41:41	45658 EA80	5.5	18.55	7.16	21	1.0	35°59'44" 50°03'04"	271	1.3	TYC	11.39	7 ^h 42 ^m 06.627 ^s 35°24'51.650"	46.1	274	132.8	-4.1	146.4	-42.3	36.3	168
2014/11/28 15:33:30	85550 YW	5.8	16.60	5.66	87	0.6	37°26'36" 49°48'48"	107	1.4	TYC	10.94	5 ^h 36 ^m 44.706 ^s 28°11'02.717"	11.3	59	160.6	-18.0	118.3	30.4	41.3	127
2014/11/28 15:36:07	4343 Tetsuya	19.0	17.53	4.24	151	6.1	37°51'47" 50°57'23"	48	2.7	UCAC2	13.31	0 ^h 11 ^m 40.724 ^s 4°28'32.121"	39.9	147	118.3	-18.4	38.2	30.3	41.5	223
2014/11/28 18:39:35	21597 WA8	12.0	16.90	3.42	156	0.9	36°53'53" 48°42'23"	164	1.8	UCAC2	13.53	5 ^h 24 ^m 49.651 ^s 28°01'37.164"	41.8	95	163.3	-47.2	114.0	14.5	42.7	180
2014/11/28 20:34:41	26632 HS30	7.6	16.11	4.13	83	1.0	35°39'58" 50°40'57"	328	2.1	TYC	12.00	5 ^h 46 ^m 48.134 ^s 21°42'11.946"	51.2	124	159.3	-60.0	118.1	-1.7	43.7	102
2014/11/28 23:21:56	5805 Glasgow	11.5	16.17	2.99	38	0.9	36°14'10" 50°23'14"	355	3.1	UCAC2	13.25	3 ^h 02 ^m 28.181 ^s 29°27'17.142"	48.2	259	161.1	-53.0	80.4	-26.9	45.1	141
2014/11/28 23:32:39	7536 Fahrenheit	13.2	16.49	3.58	152	1.0	36°09'56" 48°41'07"	183	1.4	UCAC2	12.95	3 ^h 12 ^m 16.737 ^s 35°19'32.785"	51.9	267	159.9	-51.6	83.7	-28.5	45.1	352
2014/11/29 00:32:49	185693 HV3	9.1	19.88	8.26	208	0.5	36°44'23" 48°12'25"	171	0.6	UCAC2	11.62	5 ^h 06 ^m 42.266 ^s 10°37'08.904"	41.0	229	164.2	-43.1	105.7	-36.3	45.6	532
2014/11/29 00:40:38	520 Franziska	28.7	16.62	8.34	222	1.0	35°40'17" 48°05'40"	191	2.8	HIP	8.28	12 ^h 30 ^m 20.969 ^s 4°24'58.762"	14.1	100	61.5	-41.9	144.5	-37.2	45.7	161
2014/11/29 02:15:57	4175 Billbaum	11.5	15.48	2.54	180	1.4	35°35'57" 51°36'28"	344	1.1	UCAC2	13.06	5 ^h 26 ^m 56.177 ^s 0°00' − 0.049"	20.9	243	152.9	-26.7	108.6	-45.6	46.5	108
2014/11/29 03:07:56	3914 Kotogahama	15.8	16.26	5.36	72	1.1	36°57'11" 50°32'02"	41	2.9	TYC	10.91	4 ^h 10 ^m 37.995 ^s 34°15'54.842"	26.4	293	166.9	-18.4	93.3	-47.2	46.8	204
2014/11/29 18:24:53	10387 Bepicolombo	6.9	17.22	5.73	175	0.6	35°03'07" 51°24'43"	330	0.9	UCAC2	11.50	3 ^h 43 ^m 16.321 ^s 38°02'59.767"	62.7	103	161.4	-45.2	80.1	26.2	54.0	148
2014/11/29 19:23:50	3610 Decampo	6.3	16.55	4.97	11	1.0	36°12'24" 50°07'42"	328	2.5	TYC	11.59	2 ^h 24 ^m 34.175 ^s 10°54'07.809"	51.1	180	150.0	-53.3	55.4	19.2	54.5	100
2014/11/29 23:03:06	30545 OT35	12.6	17.26	3.66	80	0.6	37°12'06" 49°37'48"	125	2.3	UCAC2	13.64	10 ^h 09 ^m 51.871 ^s −19°07'40.718"	2.2	124	85.9	-55.4	154.4	-13.1	56.3	203

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 10		LinOccult 2.2.0 BETA			
Date Time (UTC)	Asteroid			Nearest point			Star				Sun		Moon			σ_{km}				
	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist		Alt	Phase (%)		
2014/11/30 01:55:54	9422 Kuboniwa	5.2	16.20	6.22	245	0.7	37°43'51" 52°03'25"	25	0.1 2.3	TYC 184902000	9.98	5 ^h 02 ^m 57.373 ^s 24°44'25.112"	38.9	263	170.3	-30.1	-35.8	57.7	90	
2014/11/30 03:48:52	10265 Gunnarsson	10.5	16.80	4.26	122	0.9	35°01'30" 49°18'52"	228	1.9 2.6	UCAC2 44094047	12.56	4 ^h 03 ^m 51.119 ^s 35°00'43.620"	19.5	302	165.8	-12.3	-42.6	58.5	163	
2014/11/30 17:28:57	49500 CP9	5.5	16.87	4.19	228	0.6	37°34'20" 48°10'56"	156	0.5 1.5	TYC 286800990	12.71	3 ^h 58 ^m 49.765 ^s 40°42'39.721"	53.3	84	160.0	-36.6	38.8	64.7	148	
2014/11/30 17:34:53	1013 Tombecka	31.9	16.04	2.95	66	1.4	35°23'22" 49°55'23"	258	5.4 5.6	UCAC2 23522807	13.16	21 ^h 55 ^m 28.441 ^s -21°27'32.380"	10.1	218	75.5	-37.5	38.6	64.8	228	
2014/11/30 18:05:02	5982 Polyketus	9.5	18.35	7.17	99	0.6	36°42'40" 49°11'54"	162	1.6 1.8	TYC 580400960	11.18	22 ^h 22 ^m 40.187 ^s -7°40'59.595"	22.1	225	86.4	-42.2	36.8	65.0	215	
2014/11/30 20:15:56	125048 TW215	10.5	19.53	5.78	170	0.6	35°31'27" 51°29'48"	341	1.0 1.1	UCAC2 46666054	13.75	4 ^h 52 ^m 51.596 ^s 43°27'31.953"	72.9	104	157.5	-58.9	80.2	66.0	373	
2014/11/30 21:02:41	17944 JF7	5.2	18.48	8.37	187	0.5	36°50'33" 48°24'34"	168	0.6 1.4	TYC 82701419	10.11	9 ^h 38 ^m 25.141 ^s 14°00'52.608"	15.2	86	106.1	-61.6	16.4	66.4	149	
2014/11/30 21:19:22	1392 Pierre	26.4	14.49	2.20	133	5.2	36°09'35" 51°14'18"	356	4.5 9.9	UCAC2 43390187	12.44	2 ^h 19 ^m 00.490 ^s 33°29'07.620"	62.0	246	149.5	-61.8	14.0	66.6	106	
2014/11/30 21:19:22	1392 Pierre	26.4	14.49	2.12	133	5.2	36°09'35" 51°14'18"	356	4.5 9.9	TYC 231401741	12.53	2 ^h 19 ^m 00.490 ^s 33°29'07.620"	62.0	246	149.5	-61.8	14.0	66.6	106	