

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: 123

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			
		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}
2016/02/01 20:10:48	47967 2000 SL298	13.8	19.60	6.51	182	1.1	36°42'22" 51°39'25"	10	1.2 1.3	UCAC2 38767883	13.10	6 ^h 29 ^m 25.406 ^s 19°42'50.972"	58.2	204	144.6	-51.9	133.0	-28.3	43.5	419
2016/02/01 20:18:25	24459 2000 RF103	14.5	19.55	6.27	97	1.1	36°35'49" 49°11'58"	167	1.3 1.4	UCAC2 42736610	13.28	6 ^h 27 ^m 24.279 ^s 31°23'03.744"	68.3	218	142.9	-52.7	132.4	-27.1	43.4	416
2016/02/01 20:28:19	1770 Schlesinger	13.2	15.22	1.76	22	1.4	36°17'44" 50°14'33"	2	4.3 4.4	UCAC2 42229082	13.70	7 ^h 52 ^m 41.981 ^s 29°47'26.274"	69.9	172	160.3	-53.6	114.3	-25.6	43.4	120
2016/02/02 01:58:30	916 America	33.2	16.89	3.96	86	2.1	37°15'29" 50°30'42"	53	6.0 6.6	UCAC2 22013001	12.96	14 ^h 24 ^m 46.838 ^s -24°15'36.240"	14.0	163	90.6	-30.4	17.7	19.5	41.2	201
2016/02/02 20:08:13	406 Erna	49.2	15.51	4.10	236	2.8	37°21'47" 52°03'35"	19	4.6 10.8	TYC 122900252	11.43	2 ^h 43 ^m 25.610 ^s 20°18'36.418"	28.3	268	91.5	-51.4	160.5	-37.4	34.1	181
2016/02/02 20:33:11	1123 Shapleya	15.8	14.89	1.33	91	1.9	36°39'28" 50°50'03"	17	4.1 6.0	UCAC2 37542985	13.94	11 ^h 07 ^m 41.384 ^s 16°25'05.511"	38.0	112	150.1	-53.7	79.9	-33.8	34.0	105
2016/02/03 02:10:30	625 Xenia	28.4	15.22	1.74	153	0.8	36°29'25" 51°24'60"	5	4.1 5.3	UCAC2 27318697	13.73	16 ^h 59 ^m 32.950 ^s -12°35'56.835"	12.1	127	59.0	-28.3	11.1	14.0	31.7	212
2016/02/03 02:40:52	14958 1996 JK1	6.6	17.70	8.12	119	1.3	35°38'20" 51°01'59"	337	1.3 1.9	TYC 551400104	9.58	11 ^h 15 ^m 12.548 ^s -13°17'52.884"	17.5	221	135.7	-23.5	72.7	16.9	31.5	141
2016/02/04 00:44:08	1048 Feodosia	70.2	14.02	2.03	219	5.7	34°09'58" 48°38'31"	224	6.0 19.6	TYC 297800307	12.17	8 ^h 33 ^m 49.542 ^s 42°12'01.939"	53.6	278	153.2	-41.4	129.5	-4.4	23.3	142
2016/02/04 05:05:15	4772 Frankdrake	28.8	18.12	4.34	196	0.7	36°25'01" 48°17'23"	177	3.1 3.8	UCAC2 26762464	13.80	18 ^h 59 ^m 18.362 ^s -14°16'19.647"	17.5	141	31.1	-0.7	25.3	21.4	21.8	305
2016/02/04 15:42:42	76649 2000 HU31	6.0	17.61	5.86	30	0.5	36°08'37" 50°18'12"	340	1.5 1.5	TYC 298701108	11.75	9 ^h 14 ^m 14.398 ^s 41°57'31.247"	29.5	59	154.3	-11.6	128.6	-45.9	18.2	158
2016/02/04 20:02:49	4124 Herriot	19.8	16.48	3.29	30	2.0	36°17'20" 49°46'55"	180	5.3 5.4	UCAC2 40343039	13.24	7 ^h 40 ^m 04.553 ^s 24°15'51.002"	64.3	172	157.3	-50.3	153.3	-52.9	16.7	147
2016/02/05 01:17:45	652 Jubilatix	16.9	16.42	2.60	171	0.8	37°15'03" 51°27'12"	24	2.2 3.0	UCAC2 29112833	13.92	15 ^h 51 ^m 43.778 ^s -7°58'50.516"	18.9	129	78.2	-36.2	32.9	-7.5	15.1	225
2016/02/05 04:02:49	1457 Ankara	22.9	15.46	2.72	241	1.0	33°33'03" 48°48'28"	235	1.8 5.7	UCAC2 22246429	12.84	15 ^h 01 ^m 10.390 ^s -23°54'22.209"	15.9	186	85.9	-9.9	43.4	13.3	14.2	161
2016/02/05 16:50:26	97893 2000 QV65	12.0	19.90	5.99	149	1.1	36°25'08" 48°42'56"	176	1.0 1.1	UCAC2 40490710	13.92	6 ^h 17 ^m 50.100 ^s 24°50'34.192"	55.8	126	137.9	-22.2	172.0	-47.8	10.5	442
2016/02/05 17:07:15	28962 2001 FL117	9.1	18.05	6.87	143	0.6	37°32'45" 51°03'01"	39	1.4 1.7	TYC 539603618	11.19	7 ^h 24 ^m 48.366 ^s -8°27'14.730"	20.8	134	143.5	-24.9	150.8	-49.9	10.5	209
2016/02/05 18:50:34	334221 2001 TU24	7.9	19.95	7.89	85	0.7	36°20'01" 50°48'41"	2	0.9 0.9	TYC 133500542	12.06	6 ^h 55 ^m 09.945 ^s 17°51'57.541"	57.2	163	146.7	-40.8	176.6	-57.9	10.0	359
2016/02/05 20:03:49	30705 Idaios	27.5	17.88	4.10	104	3.7	35°35'36" 50°52'14"	332	2.9 3.0	UCAC2 46799357	13.81	5 ^h 14 ^m 28.046 ^s 43°48'29.593"	66.2	268	122.4	-50.1	148.1	-56.9	9.6	366
2016/02/06 00:00:43	101716 1999 DJ6	5.2	19.02	8.66	213	0.8	39°10'43" 50°33'16"	75	0.6 1.2	TYC 611100258	10.36	12 ^h 58 ^m 29.072 ^s -15°52'45.395"	21.3	157	116.4	-46.8	84.0	-27.3	8.6	179
2016/02/06 00:28:44	6153 Hershey	8.7	16.99	4.38	31	0.7	36°37'30" 50°13'11"	52	2.3 2.4	TYC 485502751	12.63	8 ^h 08 ^m 58.096 ^s -5°28'03.890"	16.1	240	153.0	-43.1	150.1	-22.9	8.5	146

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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}	
2016/02/06 02:18:05	1222 Tina	20.2	16.37	3.49	65	0.6	35°22'34" 49°59'29"	265	3.6	UCAC2 20891139	12.92	16 ^h 46 ^m 00.094 ^s -26°36'24.614"	3.7	141	63.1	-26.5	31.8	-6.3	8.0	213	
2016/02/06 18:49:12	642 Clara	33.4	16.14	3.37	97	1.0	35°24'47" 50°43'03"	320	4.5	UCAC2 34214178	12.82	0 ^h 40 ^m 12.162 ^s 7°05'28.065"	8.7	271	54.9	-40.4	78.6	-53.6	4.4	275	
2016/02/06 20:31:05	5993 Tammy-dickinson	5.2	16.61	5.00	63	0.8	36°10'21" 49°29'03"	187	1.8	TYC 191101169	11.62	7 ^h 36 ^m 17.026 ^s 23°40'39.836"	63.4	193	154.6	-52.4	173.1	-56.8	4.1	91	
2016/02/06 20:44:55	5247 Krylov	12.0	16.01	3.24	253	1.0	33°53'00" 48°24'03"	223	0.5	UCAC2 23850030	12.83	8 ^h 32 ^m 57.636 ^s -20°01'07.930"	20.0	176	142.5	-53.5	141.0	-56.4	4.1	127	
2016/02/06 20:57:38	3311 Podobed	24.0	16.33	2.61	38	3.8	36°11'28" 49°42'38"	190	6.7	UCAC2 32872440	13.83	11 ^h 28 ^m 14.082 ^s 3°29'01.709"	30.1	125	145.9	-54.3	123.0	-55.8	4.1	138	
2016/02/07 00:25:33	34037 2000 OZ27	5.2	18.54	8.81	149	0.6	34°21'51" 49°32'32"	248	0.8	TYC 86401106	9.73	11 ^h 52 ^m 24.380 ^s 7°32'41.198"	47.7	182	141.8	-43.3	120.4	-30.9	3.4	159	
2016/02/07 02:41:51	39294 2001 DB33	12.0	18.18	4.96	212	1.1	38°19'53" 51°26'46"	43	1.3	UCAC2 38053429	13.23	6 ^h 52 ^m 49.908 ^s 17°57'44.094"	1.4	297	144.8	-22.5	164.7	-9.8	3.1	250	
2016/02/07 14:35:34	18065 2000 AM41	5.8	18.65	7.53	198	0.6	38°46'59" 49°18'09"	115	0.7	TYC 244000422	11.12	6 ^h 50 ^m 17.887 ^s 32°11'00.500"	36.3	81	141.7	-0.6	152.7	-9.2	1.4	190	
2016/02/07 15:44:57	13275 1998 QT39	5.5	17.43	5.45	21	0.9	36°24'04" 50°13'19"	23	1.8	TYC 133500986	11.98	6 ^h 54 ^m 46.262 ^s 17°28'30.524"	36.3	107	144.7	-11.2	157.8	-19.8	1.3	123	
2016/02/07 16:45:35	9549 Ak-platonov	10.5	17.50	3.68	223	0.9	36°32'09" 48°03'04"	175	1.1	UCAC2 36761583	13.86	3 ^h 36 ^m 50.664 ^s 14°27'59.817"	53.6	198	97.2	-20.9	109.5	-29.1	1.2	176	
2016/02/07 16:56:08	439 Ohio	76.6	15.09	1.59	91	9.2	35°09'51" 50°25'57"	298	14.2	UCAC2 31978165	13.79	4 ^h 36 ^m 41.506 ^s 0°53'54.501"	41.0	178	108.2	-22.6	120.7	-30.7	1.2	191	
2016/02/07 17:20:52	1685 Toro	12.2	13.19	1.01	30	0.9	36°13'34" 50°18'53"	352	7.2	UCAC2 30134776	12.72	5 ^h 00 ^m 57.188 ^s -4°51'24.928"	35.3	178	112.2	-26.6	124.2	-34.3	1.2	18	
2016/02/07 17:27:39	40769 1999 TJ18	7.2	18.70	6.70	49	0.6	36°10'18" 50°28'37"	350	1.4	TYC 66300508	12.00	3 ^h 41 ^m 22.256 ^s 13°04'48.361"	49.7	211	97.9	-27.7	110.0	-35.3	1.1	201	
2016/02/09 03:12:13	1987 Kaplan	16.8	15.65	2.95	229	1.5	38°38'51" 51°27'48"	47	1.2	UCAC2 45801393	12.78	5 ^h 43 ^m 08.555 ^s 40°06'18.645"	7.6	328	125.2	-17.1	117.8	-17.7	0.4	135	
2016/02/09 16:00:39	2751 Campbell	20.0	15.27	2.67	249	2.4	35°19'31" 52°12'08"	344	0.6	UCAC2 35212910	12.70	9 ^h 53 ^m 53.557 ^s 9°54'16.907"	5.8	81	172.4	-13.2	172.9	-0.1	1.5	114	
2016/02/09 18:15:28	2051 Chang	25.2	16.08	2.81	28	4.4	36°12'54" 49°48'07"	191	6.5	UCAC2 39295663	13.35	6 ^h 47 ^m 39.701 ^s 21°05'49.462"	59.7	157	140.9	-34.6	125.5	-20.6	1.8	151	
2016/02/09 22:33:44	122460 2000 QB146	13.2	19.75	6.08	176	1.1	38°44'04" 50°16'02"	82	1.1	UCAC2 33530743	13.67	6 ^h 16 ^m 40.060 ^s 5°14'36.924"	23.0	249	131.3	-53.6	115.1	-47.2	2.4	426	
2016/02/09 22:51:34	16182 2000 AH137	6.3	17.07	5.42	17	0.6	36°09'43" 49°54'51"	211	2.1	TYC 137100633	11.66	7 ^h 57 ^m 57.515 ^s 19°54'55.912"	47.0	240	157.1	-52.5	139.1	-47.4	2.5	120	
2016/02/10 16:50:12	6839 Ozenuma	12.0	16.82	2.91	254	1.1	36°48'18" 47°47'35"	172	0.9	UCAC2 38966165	13.99	7 ^h 47 ^m 50.712 ^s 20°01'05.905"	41.9	111	154.0	-20.9	125.9	4.0	5.9	165	
2016/02/10 23:39:18	25218 1998 TZ1	6.0	17.92	7.18	35	0.8	35°57'51" 50°17'22"	319	1.5	UCAC2 34244246	10.74	6 ^h 21 ^m 17.785 ^s 7°28'29.108"	14.6	264	132.0	-47.9	101.5	-42.8	7.6	151	

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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}	
2016/02/11 21:19:59	33736 1999 NY36	6.0	17.04	5.70	67	0.8	35°48'52" 49°31'44"	210	1.7	TYC 193701033	11.35	7 ^h 56 ^m 53.540 ^s 29°00'11.767"	65.0	220	152.0	-53.7	108.8	-23.8	14.3	117	
2016/02/11 22:28:32	2156 Kate	22.7	15.64	2.10	237	2.0	35°18'25" 48°01'07"	197	0.7	UCAC2 39668853	13.71	9 ^h 37 ^m 38.932 ^s 22°11'45.479"	61.2	200	171.8	-53.2	131.8	-31.4	14.7	107	
2016/02/12 02:02:04	59174 1999 AT5	5.5	18.28	6.28	229	0.8	33°09'13" 50°31'28"	283	0.5	TYC 611200109	12.00	13 ^h 00 ^m 57.577 ^s -15°16'37.975"	23.8	194	122.3	-27.7	165.9	-35.3	16.1	154	
2016/02/12 16:41:02	1249 Ruthenfordia	12.4	15.20	1.54	141	1.5	36°23'13" 48°46'57"	177	2.0	UCAC2 38924163	13.97	4 ^h 49 ^m 55.115 ^s 20°01'27.770"	60.1	173	110.4	-19.0	55.1	28.2	21.6	112	
2016/02/12 22:48:20	25296 1998 WD20	6.3	17.68	6.83	75	0.7	36°44'53" 50°39'25"	26	1.5	UCAC2 39484481	10.85	8 ^h 26 ^m 45.709 ^s 21°50'44.465"	51.3	236	160.1	-51.8	101.7	-23.9	24.1	147	
2016/02/13 00:50:31	32288 Terui	6.3	17.43	7.69	48	1.0	36°34'31" 50°26'11"	25	1.7	TYC 191301048	9.75	7 ^h 19 ^m 58.844 ^s 25°42'15.055"	24.8	281	144.3	-38.3	84.7	-32.8	25.1	142	
2016/02/13 15:15:01	9484 Wanambi	6.3	19.29	8.16	115	0.5	36°53'36" 49°05'33"	158	1.0	TYC 125700715	11.13	3 ^h 55 ^m 37.224 ^s 19°58'38.405"	59.0	160	96.8	-5.0	29.2	46.7	31.3	217	
2016/02/13 15:37:39	47678 2000 CT75	8.7	17.80	7.17	236	0.7	37°04'24" 52°06'39"	14	0.8	TYC 483201911	10.63	7 ^h 49 ^m 52.599 ^s 0° - 23'17.732"	16.3	111	148.1	-8.6	86.5	45.1	31.4	188	
2016/02/13 17:50:05	41277 1999 XS85	6.3	18.19	6.57	124	0.9	35°38'37" 49°00'36"	202	1.1	UCAC2 41011297	11.62	7 ^h 11 ^m 41.667 ^s 26°14'35.762"	61.5	138	141.6	-29.7	72.9	29.6	32.4	177	
2016/02/13 19:11:51	1512 Oulu	82.7	15.51	2.41	115	5.4	36°18'53" 51°04'47"	1	12.4	UCAC2 40185028	13.23	9 ^h 10 ^m 05.612 ^s 23°33'41.262"	54.9	127	166.7	-41.6	99.0	17.5	33.0	236	
2016/02/13 19:39:31	71348 2000 AL107	5.0	19.01	8.74	222	0.8	39°20'36" 49°43'56"	99	0.5	TYC 132001320	10.27	5 ^h 59 ^m 45.841 ^s 19°33'51.988"	54.0	221	125.5	-45.1	55.3	13.2	33.2	216	
2016/02/13 23:56:56	140 Siwa	109.8	13.65	0.99	252	13.9	38°32'44" 51°48'07"	40	9.5	UCAC2 40001894	13.23	6 ^h 50 ^m 53.110 ^s 23°22'19.097"	26.4	276	137.2	-45.0	64.6	-21.6	35.3	184	
2016/02/14 17:12:30	8833 Acer	8.3	18.32	7.94	146	1.6	37°31'55" 51°05'30"	37	1.3	TYC 73900435	10.39	6 ^h 15 ^m 55.625 ^s 11°28'39.991"	49.6	156	127.8	-23.5	46.8	44.4	43.2	200	
2016/02/14 18:40:31	362 Havnia	52.5	14.10	2.14	264	2.0	37°09'09" 52°21'07"	14	4.3	TYC 121700943	12.12	2 ^h 14 ^m 15.657 ^s 17°52'40.950"	28.3	264	72.1	-37.0	13.8	33.0	43.9	194	
2016/02/14 21:10:56	11585 Orlan-delassus	7.9	17.78	5.86	3	0.8	36°14'34" 50°02'46"	267	1.9	TYC 137101952	11.93	7 ^h 59 ^m 55.760 ^s 18°55'51.064"	55.8	212	152.8	-52.4	68.5	10.2	45.1	169	
2016/02/14 21:25:16	2292 Seili	15.1	17.14	5.32	66	2.0	35°38'52" 50°28'21"	316	2.9	UCAC2 33880686	11.83	5 ^h 40 ^m 29.597 ^s 6°19'39.554"	25.8	247	118.1	-52.9	36.7	8.1	45.2	200	
2016/02/14 22:07:09	27534 2000 HB76	5.0	18.21	7.11	10	0.6	36°18'46" 50°07'59"	11	1.4	TYC 27501104	11.10	11 ^h 48 ^m 20.934 ^s 3°16'35.075"	39.0	148	149.4	-53.0	125.9	1.9	45.5	141	
2016/02/15 02:26:07	23910 1998 SP115	6.0	19.01	7.10	151	0.7	37°40'23" 51°04'33"	41	0.9	UCAC2 39475801	11.91	7 ^h 18 ^m 11.189 ^s 21°42'03.424"	5.8	297	142.5	-23.1	55.4	-24.9	47.7	199	
2016/02/15 04:51:26	27220 1999 FN25	10.5	18.00	6.12	38	1.4	36°36'14" 49°46'22"	143	2.0	TYC 498301043	11.88	14 ^h 21 ^m 25.679 ^s -6°14'36.905"	24.7	223	110.4	-0.0	161.0	-23.3	48.7	203	
2016/02/15 16:00:37	43146 1999 XN102	7.6	17.83	7.29	51	0.6	35°58'32" 50°27'29"	334	1.6	TYC 143400470	10.54	10 ^h 43 ^m 51.761 ^s 21°19'32.325"	10.4	69	165.3	-11.7	94.7	55.6	53.9	180	

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		Asteroid			Nearest point			Star			Sun			Moon						
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2016/02/15 18:53:39	9706 Bourna	6.9	16.93	4.35	195	0.6	36°35'40" 51°47'31"	6	0.7	TYC 83300141	12.60	10 ^h 06 ^m 07.396 ^s 12°22'59.679"	36.7	118	177.1	-38.6	87.0	41.0	55.3	140
2016/02/15 21:15:58	431 Nephele	95.0	14.30	2.98	48	8.4	36°09'42" 49°37'22"	191	17.9	TYC 27600773	11.39	11 ^h 50 ^m 26.197 ^s 3°05'45.386"	33.7	134	149.8	-52.3	113.1	19.8	56.3	204
2016/02/15 21:22:55	1458 Mineura	17.2	16.17	3.90	20	1.6	36°33'02" 50°05'33"	75	4.1	UCAC2 34088386	12.30	7 ^h 21 ^m 48.568 ^s 6°54'21.624"	39.5	223	142.0	-52.5	47.6	18.8	56.4	167
2016/02/16 15:52:55	34536 SJ221	5.5	18.27	5.73	105	0.8	37°40'44" 50°21'07"	71	1.1	TYC 72100336	12.54	6 ^h 04 ^m 10.108 ^s 10°12'11.242"	43.1	137	122.9	-10.3	18.4	55.8	64.7	173
2016/02/16 16:50:07	4153 Roburnham	11.5	18.64	7.75	9	1.0	36°16'06" 49°58'11"	188	1.8	TYC 126101424	10.89	3 ^h 59 ^m 41.458 ^s 20°52'46.992"	58.7	208	94.9	-19.4	13.9	57.5	65.2	257
2016/02/16 20:02:21	700 Auravictrix	15.4	13.30	0.53	12	1.8	36°23'39" 50°07'35"	41	7.2	UCAC2 40350831	13.79	9 ^h 35 ^m 13.364 ^s 24°03'50.794"	59.7	141	167.1	-46.7	63.1	40.5	66.5	84
2016/02/16 21:53:50	1077 Campanula	11.5	16.73	3.83	115	0.8	37°25'25" 50°47'01"	45	2.3	UCAC2 41320730	12.93	4 ^h 07 ^m 34.112 ^s 27°13'01.325"	21.0	288	97.6	-52.5	17.0	23.7	67.3	149
2016/02/17 02:10:03	4324 Bickel	13.8	17.66	5.84	62	0.8	36°49'39" 50°28'55"	39	2.3	UCAC2 20178090	11.82	15 ^h 57 ^m 04.400 ^s -28°01'54.768"	9.2	159	84.7	-25.1	158.6	-11.8	69.2	231
2016/02/17 17:51:31	552 Sigelinde	77.6	15.92	4.36	280	2.2	37°24'40" 52°27'55"	17	6.7	TYC 60800113	11.58	0 ^h 52 ^m 04.145 ^s 11°35'58.396"	16.4	269	48.5	-28.9	73.1	58.3	75.5	289
2016/02/17 20:50:01	327 Columbia	35.5	14.67	1.80	157	5.1	36°29'58" 48°38'47"	174	5.5	UCAC2 42399366	13.09	7 ^h 18 ^m 27.429 ^s 30°22'45.232"	62.3	235	137.9	-50.3	21.1	42.0	76.6	163
2016/02/18 02:25:04	4510 Shawna	9.1	17.73	6.89	124	0.5	34°47'46" 49°29'29"	240	1.6	TYC 677700843	10.84	15 ^h 38 ^m 59.026 ^s -23°38'09.296"	15.3	166	90.6	-22.4	143.2	-7.0	78.7	174
2016/02/18 03:02:13	7717 Tabeishi	6.0	15.30	3.54	191	1.6	37°27'48" 51°35'45"	26	0.1	TYC 194102435	11.80	8 ^h 24 ^m 32.881 ^s 23°24'35.776"	9.7	295	153.9	-16.5	30.0	-11.2	79.1	72
2016/02/18 15:06:11	48339 PC31	5.5	18.41	8.60	195	0.9	37°05'58" 48°22'41"	163	0.7	TYC 136901240	9.81	7 ^h 42 ^m 09.148 ^s 19°00'40.403"	30.7	97	144.8	-2.4	13.7	38.9	83.0	165
2016/02/18 15:22:05	53851 FR16	5.5	18.51	7.16	18	0.8	36°23'48" 50°11'39"	26	1.2	TYC 291300111	11.35	5 ^h 24 ^m 12.298 ^s 40°01'23.200"	69.2	109	112.6	-4.9	28.2	41.2	83.2	179
2016/02/18 16:15:30	5849 HF1	28.3	17.00	3.30	22	1.2	36°35'28" 50°03'52"	85	4.1	UCAC2 30943972	13.76	3 ^h 23 ^m 13.386 ^s -2°13'55.678"	35.8	202	79.2	-13.4	54.2	48.3	83.4	277
2016/02/18 17:19:47	39879 EK8	5.2	16.92	5.38	178	0.5	36°13'11" 51°38'52"	358	0.5	TYC 81200269	11.55	9 ^h 11 ^m 24.914 ^s 8°36'27.991"	29.6	114	166.3	-23.7	35.7	55.0	83.8	110
2016/02/18 18:18:22	24166 WW3	5.2	17.89	11.13	213	0.7	36°28'55" 48°08'34"	176	0.0	HIP 61366	6.76	12 ^h 34 ^m 30.837 ^s 7°44'04.272"	6.2	85	143.1	-32.7	83.6	57.9	84.1	74
2016/02/18 22:09:49	3453 Dostoevsky	12.6	15.84	2.16	184	1.5	35°36'46" 48°27'01"	195	1.5	UCAC2 38608769	13.84	8 ^h 02 ^m 36.829 ^s 19°14'35.222"	47.9	236	149.3	-51.5	14.6	37.8	85.4	142
2016/02/18 23:00:33	78107 LC51	5.0	19.91	8.20	130	0.7	35°10'40" 49°07'43"	218	0.8	UCAC2 24360941	11.71	14 ^h 41 ^m 10.818 ^s -19°04'27.750"	7.9	133	105.7	-49.0	118.2	30.2	85.7	226
2016/02/19 16:10:21	50230 AT244	6.0	18.18	8.18	13	0.7	36°19'32" 49°55'59"	168	1.4	TYC 78000827	10.00	8 ^h 00 ^m 00.732 ^s 9°18'22.647"	31.0	115	148.2	-12.3	8.8	39.7	90.4	166

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}
2016/02/19 16:28:34	68131 2001 AR17	5.5	18.41	11.48	130	0.6	36°58'21" 48°58'13"	158	0.9 2.2	HIP 40361	6.93	8 ^h 14 ^m 27.053 ^s 20°42'28.017"	-15.2	107	150.9	-15.2	8.6	42.2	90.5	101
2016/02/19 17:34:02	1724 Vladimir	34.8	16.03	4.34	126	3.1	37°31'51" 49°15'17"	135	6.4 8.7	UCAC2 34965368	11.71	5 ^h 05 ^m 03.919 ^s 9°11'32.528"	-25.7	199	105.3	-25.7	39.5	50.3	90.8	159
2016/02/19 18:02:35	913 Otila	13.8	15.69	2.89	77	1.6	36°13'29" 49°21'40"	183	3.7 4.5	UCAC2 40850149	12.88	8 ^h 05 ^m 52.847 ^s 25°37'08.642"	-30.1	132	147.5	-30.1	10.1	53.0	90.9	122
2016/02/19 19:18:20	1661 Granule	14.5	15.76	4.19	9	4.8	36°24'31" 50°02'17"	97	6.0 6.1	TYC 552601496	11.59	12 ^h 17 ^m 54.620 ^s -7°40'40.033"	-40.7	111	142.8	-40.7	71.0	56.8	91.1	95
2016/02/19 19:55:59	99328 2001 UY123	11.5	19.49	6.73	203	1.0	38°44'36" 50°59'34"	59	1.0 1.2	UCAC2 36278563	12.76	7 ^h 13 ^m 39.097 ^s 12°30'57.505"	-45.1	205	136.9	-45.1	9.7	56.3	91.4	378
2016/02/19 20:34:16	8768 Barnowl	6.3	17.82	6.19	24	0.5	36°07'55" 49°51'37"	208	1.8 1.8	TYC 127001000	11.64	4 ^h 38 ^m 10.314 ^s 17°24'24.836"	-48.6	262	100.0	-48.6	46.0	54.2	91.5	140
2016/02/19 23:34:08	189310 Poly-damas	8.3	20.63	8.02	236	0.9	39°13'51" 51°02'09"	62	0.6 0.6	TYC 75100349	12.61	6 ^h 50 ^m 56.804 ^s 10°47'34.648"	-45.6	267	131.1	-45.6	17.2	31.9	92.2	514
2016/02/20 01:18:37	1426 Riviera	15.4	15.41	4.72	143	0.6	37°54'30" 50°48'35"	54	2.6 3.9	TYC 680500294	10.70	16 ^h 11 ^m 29.664 ^s -29°58'43.980"	-32.2	148	84.2	-32.2	125.8	15.6	92.6	156
2016/02/20 01:48:03	225984 2002 CJ228	10.5	20.21	8.34	25	1.0	36°07'32" 49°50'46"	207	0.9 0.9	TYC 677000090	11.87	15 ^h 18 ^m 59.451 ^s -26°19'57.765"	-27.7	164	96.3	-27.7	113.8	11.1	92.8	444
2016/02/20 17:24:12	23117 2000 AC25	5.5	19.89	7.95	145	0.7	36°25'26" 48°45'08"	176	0.8 0.9	TYC 127900695	11.94	4 ^h 46 ^m 23.921 ^s 21°49'16.860"	-23.9	210	101.7	-23.9	54.9	41.3	95.8	239
2016/02/20 20:44:09	4236 Lidov	32.7	17.13	5.42	115	4.8	37°43'49" 50°30'33"	64	4.9 5.6	UCAC2 42718929	11.72	5 ^h 12 ^m 43.738 ^s 31°03'47.355"	-48.9	270	108.2	-48.9	51.0	54.2	96.3	234
2016/02/20 23:24:37	773 Irmintraud	95.9	14.10	1.64	202	10.2	36°43'37" 51°50'36"	9	11.1 22.3	UCAC2 42400317	12.73	7 ^h 26 ^m 52.352 ^s 30°16'57.751"	-46.2	274	136.6	-46.2	25.1	38.8	96.8	170
2016/02/21 18:57:14	439 Ohio	76.6	15.28	1.92	131	5.6	36°55'13" 48°56'40"	160	12.1 14.8	UCAC2 32485050	13.56	4 ^h 42 ^m 44.188 ^s 2°11'01.635"	-37.4	230	96.6	-37.4	72.0	44.3	99.0	205
2016/02/21 22:46:31	2678 Aavasaksa	10.0	14.92	2.08	9	1.2	36°22'18" 50°06'26"	42	4.3 4.3	UCAC2 38615568	13.01	9 ^h 58 ^m 40.109 ^s 19°09'42.608"	-48.9	214	170.2	-48.9	9.1	46.6	99.3	92
2016/02/22 00:44:30	38610 2000 AU45	17.4	19.10	5.43	59	2.0	35°33'35" 49°47'36"	241	1.7 1.7	UCAC2 19669180	13.68	15 ^h 11 ^m 11.418 ^s -29°23'47.221"	-36.5	155	99.0	-36.5	88.6	31.9	99.4	401
2016/02/22 02:16:47	1924 Horus	12.3	17.48	4.49	42	1.0	36°38'59" 50°20'43"	38	3.5 3.7	UCAC2 24127225	13.01	15 ^h 13 ^m 14.162 ^s -19°55'49.302"	-22.6	174	101.4	-22.6	86.1	17.8	99.5	131
2016/02/22 17:36:35	51921 2001 QU90	6.9	17.45	5.79	210	2.6	36°23'09" 51°55'44"	2	0.6 2.0	TYC 480503555	11.67	6 ^h 55 ^m 12.081 ^s -2°03'47.867"	-25.3	166	127.3	-25.3	51.5	24.7	100.0	139
2016/02/22 19:41:21	71320 2000 AV82	5.2	19.95	10.76	35	0.8	35°54'46" 50°14'41"	309	0.8 0.8	TYC 130300901	9.19	5 ^h 47 ^m 39.943 ^s 17°57'16.529"	-42.6	236	113.6	-42.6	66.8	41.1	100.0	255
2016/02/23 18:29:22	694 Ekard	90.8	14.43	2.89	127	5.4	35°14'50" 49°07'28"	216	15.2 18.9	UCAC2 28371227	11.62	9 ^h 53 ^m 04.345 ^s -9°47'28.805"	-33.0	136	158.7	-33.0	23.6	23.0	99.0	190
2016/02/23 19:46:15	5120 Bitias	31.6	18.03	4.10	166	3.6	37°24'46" 48°44'58"	151	2.6 2.8	UCAC2 41864392	13.95	6 ^h 29 ^m 53.895 ^s 28°51'53.098"	-42.8	236	122.0	-42.8	69.9	33.3	98.9	448

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}
2016/02/24 16:39:27	1114 Lorraine	62.2	15.56	3.34	23	3.4	36°04'09'' 50°12'21''	319	11.5	UCAC2 35331474	12.28	4 ^h 07 ^m 27.555 ^s 10°27'51.887''	47.8	207	86.7	-15.7	114.5	-3.2	96.5	215
2016/02/24 17:57:28	109581 2001 QO274	5.0	19.60	7.67	149	0.7	37°58'04'' 49°16'30''	126	0.7	UCAC2 44299125	11.93	7 ^h 16 ^m 34.838 ^s 35°33'53.172''	74.2	151	129.3	-28.0	71.9	8.8	96.3	246
2016/02/24 19:47:49	51233 2000 JX31	6.9	17.91	5.97	79	0.6	36°02'51'' 50°44'13''	347	1.3	TYC 198900495	11.94	12 ^h 25 ^m 06.835 ^s 26°10'49.198''	39.6	95	147.8	-42.7	26.1	24.8	96.1	196
2016/02/24 20:34:57	3433 Fehrenbach	10.0	16.61	4.82	119	0.6	37°08'01'' 50°58'04''	31	2.0	UCAC2 40978241	11.81	4 ^h 28 ^m 48.359 ^s 26°24'36.178''	31.3	275	94.2	-47.0	108.9	30.6	96.0	137
2016/02/25 01:20:07	570 Kythera	102.8	14.24	2.09	10	9.6	36°20'27'' 49°57'44''	158	20.4	UCAC2 37535581	12.32	8 ^h 30 ^m 57.835 ^s 16°27'41.138''	17.1	275	150.2	-30.4	55.2	34.5	95.2	199
2016/02/25 02:29:43	3311 Podobed	24.0	15.89	3.32	108	2.3	35°20'58'' 49°17'39''	219	5.2	UCAC2 33399085	12.62	11 ^h 16 ^m 53.870 ^s 4°48'29.726''	23.3	248	167.5	-19.6	13.5	26.7	95.0	131
2016/02/25 04:09:13	2236 Austria	11.5	16.67	2.82	77	0.8	35°13'09'' 49°57'42''	263	2.6	UCAC2 22485111	13.94	15 ^h 22 ^m 36.442 ^s -23°10'31.162''	14.2	201	101.5	-3.7	52.0	12.5	94.7	156
2016/02/25 18:21:18	1685 Toro	12.2	14.20	1.34	215	1.2	37°04'24'' 48°10'58''	165	0.0	UCAC2 31461863	13.23	6 ^h 34 ^m 51.231 ^s 0° - 49°20.001''	38.9	190	120.0	-31.2	90.6	2.9	91.9	31
2016/02/25 20:05:23	11272 1988 RK	5.8	18.15	6.54	71	0.7	36°52'09'' 49°31'57''	144	1.3	UCAC2 34795256	11.61	6 ^h 08 ^m 34.722 ^s 8°33'53.876''	36.7	233	114.9	-44.1	98.3	18.2	91.5	154
2016/02/26 04:02:32	5483 Cherkashin	16.6	17.26	5.13	17	0.6	36°16'33'' 50°12'13''	357	2.8	TYC 684500079	12.14	17 ^h 59 ^m 25.106 ^s -25°20'50.526''	13.1	164	66.9	-4.4	75.6	16.7	89.7	239
2016/02/26 17:56:18	757 Portlandia	32.1	13.57	0.84	16	3.5	36°19'09'' 50°11'32''	8	11.6	UCAC2 33936653	13.40	12 ^h 11 ^m 46.195 ^s 6°24'57.729''	10.4	92	156.2	-27.3	21.4	-10.4	86.1	109
2016/02/26 23:00:47	1707 Chantal	10.3	15.98	3.77	231	1.5	33°32'06'' 48°59'38''	239	0.4	UCAC2 41862270	12.25	6 ^h 22 ^m 12.825 ^s 28°44'56.080''	26.5	284	117.2	-46.1	108.3	29.5	84.7	107
2016/02/27 00:37:02	13311 1998 RA68	10.0	18.06	4.54	197	0.5	37°49'15'' 48°35'16''	146	1.2	UCAC2 19187665	13.53	16 ^h 27 ^m 38.182 ^s -30°28'20.721''	0.2	142	87.6	-35.8	46.8	33.3	84.2	205
2016/02/27 16:59:50	98139 2000 SG53	11.0	19.94	6.01	201	2.6	34°23'34'' 48°43'49''	223	1.0	UCAC2 37155346	13.93	6 ^h 42 ^m 21.761 ^s 15°13'19.997''	54.0	160	121.7	-18.2	112.4	-28.1	79.3	395
2016/02/28 00:03:23	39362 2002 BU1	13.2	19.87	8.19	227	1.0	36°21'40'' 52°05'01''	1	1.1	UCAC2 27119339	11.68	16 ^h 25 ^m 26.083 ^s -13°19'13.415''	12.1	128	91.8	-39.7	30.9	27.5	77.0	416
2016/02/28 21:21:15	33813 1999 XH177	6.6	18.90	9.18	19	0.8	36°13'11'' 49°52'41''	194	1.3	TYC 239001186	9.72	5 ^h 18 ^m 56.061 ^s 30°22'01.697''	32.1	280	101.5	-47.8	143.5	2.4	69.6	207
2016/02/28 22:14:28	62 Erato	95.4	14.02	1.00	262	5.4	34°37'09'' 47°57'56''	207	7.9	UCAC2 39094438	13.57	4 ^h 33 ^m 29.030 ^s 20°34'30.561''	9.7	291	90.3	-47.7	156.9	9.7	69.3	192
2016/02/29 15:55:47	26529 2000 CM94	5.5	17.22	6.07	30	0.7	36°24'37'' 50°18'25''	17	1.8	UCAC2 35571364	11.16	8 ^h 29 ^m 57.775 ^s 10°44'51.558''	31.4	113	146.0	-7.4	109.0	-51.3	62.7	117
2016/02/29 15:59:26	51911 2001 QD68	7.2	18.18	6.43	86	0.6	36°44'15'' 50°45'36''	22	1.4	TYC 547000889	11.75	9 ^h 17 ^m 35.711 ^s -13°10'43.272''	5.6	118	149.5	-8.0	91.6	-51.0	62.6	192
2016/02/29 16:36:28	59216 1999 BG15	5.2	19.43	7.83	219	0.5	34°41'37'' 48°22'25''	211	0.6	UCAC2 43068137	11.60	5 ^h 28 ^m 07.126 ^s 32°23'26.285''	72.5	186	102.7	-13.9	149.6	-47.4	62.3	221

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			Sum		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}	
2016/02/29 16:58:23	63923 SV41	12.6	19.75	7.95	233	1.0	34°33'55'' 51°50'06''	328	1.0 1.2	TYC 69100275	11.80	4 ^h 50 ^m 21.393 ^s 12°47'05.093''	50.4	207	92.4	-17.4	162.9	-44.9	62.2 428
2016/02/29 17:19:43	47777 EK9	2000	20.00	8.68	57	3.2	36°39'15'' 49°35'28''	153	0.8 0.9	TYC 187701519	11.32	6 ^h 13 ^m 36.427 ^s 23°16'02.806''	63.4	184	112.8	-20.8	143.0	-42.3	62.1 253
2016/02/29 22:12:18	9670 Magni	11.0	16.37	3.05	165	0.9	38°05'08'' 50°59'16''	51	1.6 3.0	UCAC2 32371606	13.38	11 ^h 22 ^m 34.911 ^s 1°38'10.980''	41.7	177	169.5	-47.4	68.4	1.2	60.2 148