

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: 94

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}
2015/04/01 00:02:53	19445 FE112	10.0	17.45	4.59	48	1.2	35°37'19" 50°03'53"	272	2.3 2.4	UCAC2 23913352	12.88	17 ^h 18 ^m 33.423 ^s −20°11'21.339"	13.8	148	110.4	−27.5	107.8	16.9	89.3	167
2015/04/01 17:50:12	4039 Souseki	9.1	17.51	6.56	80	0.5	36°00'45" 49°20'51"	194	2.0 2.3	TYC 133900934	10.96	6 ^h 53 ^m 27.150 ^s 19°54'32.263"	51.7	230	91.1	−16.9	58.8	39.2	93.3	159
2015/04/01 22:58:38	57290 QM169	7.2	19.23	7.47	88	0.9	35°25'08" 49°29'16"	225	1.2 1.2	UCAC2 35013461	11.76	7 ^h 37 ^m 15.673 ^s 9°12'04.822"	2.8	281	102.6	−32.8	49.8	29.8	94.2	233
2015/04/02 01:43:13	8654 KC1	7.6	17.99	7.22	96	0.6	36°20'36" 49°10'59"	178	1.5 1.7	TYC 568502618	10.77	18 ^h 16 ^m 00.150 ^s −12°21'22.619"	24.9	156	97.7	−14.2	108.8	5.1	94.7	174
2015/04/02 02:46:33	392 Wil-helmina	62.9	15.17	2.29	248	9.4	32°57'51" 50°44'23"	288	5.6 13.3	UCAC2 26698386	13.03	16 ^h 52 ^m 31.385 ^s −14°11'24.286"	24.6	196	118.0	−4.6	88.1	−4.9	94.9	188
2015/04/02 17:48:48	17098 Ikedamai	5.5	18.17	10.02	23	0.8	36°13'57" 49°50'40"	190	2.4 2.5	HIP 50542	8.15	10 ^h 19 ^m 25.415 ^s 9°00'16.757"	45.7	150	140.9	−16.4	19.7	31.3	97.2	86
2015/04/02 17:51:48	66003 OX6	7.9	18.76	7.23	68	0.6	35°43'40" 49°33'27"	216	1.4 1.5	UCAC2 40005160	11.53	7 ^h 03 ^m 32.515 ^s 23°21'44.360"	55.2	231	92.1	−16.8	68.7	31.6	97.2	212
2015/04/03 18:42:12	550 Senta	37.8	13.32	0.67	117	3.0	37°14'36" 50°54'33"	35	7.7 11.5	UCAC2 23873374	13.49	12 ^h 35 ^m 27.406 ^s −20°23'26.760"	11.2	142	164.5	−23.1	18.3	29.0	99.5	131
2015/04/03 20:09:24	231 Vin-dobona	82.3	14.47	1.02	247	20.6	36°15'12" 52°15'59"	359	6.3 20.4	UCAC2 37002559	13.99	9 ^h 46 ^m 46.952 ^s 14°51'02.028"	50.1	217	130.3	−31.6	42.5	35.8	99.6	160
2015/04/03 20:46:49	43592 QCY2	9.1	19.33	7.48	219	0.6	34°00'30" 48°45'31"	229	1.0 1.3	UCAC2 41866883	11.85	6 ^h 39 ^m 38.149 ^s 28°42'21.382"	27.8	282	85.2	−33.7	87.9	37.0	99.6	276
2015/04/03 23:03:03	5914 Kathy-whaler	22.9	16.71	3.53	256	3.0	33°48'38" 48°24'22"	224	2.1 4.0	UCAC2 22748309	13.22	17 ^h 41 ^m 49.538 ^s −22°36'39.951"	4.4	134	107.9	−31.7	78.0	32.0	99.7	231
2015/04/04 00:32:48	10885 Hori-masato	12.6	17.58	4.15	98	1.1	37°12'48" 50°42'00"	42	2.2 2.5	UCAC2 22760638	13.46	18 ^h 18 ^m 46.930 ^s −22°39'19.821"	9.9	145	99.4	−23.0	85.9	22.2	99.8	204
2015/04/04 16:18:07	1273 Helma	30.5	18.04	4.43	36	1.1	36°18'19" 49°43'35"	178	5.1 5.1	UCAC2 40313420	13.63	5 ^h 37 ^m 15.089 ^s 24°13'52.768"	55.9	232	70.5	−2.2	111.5	0.8	100.0	236
2015/04/04 17:38:34	76820 RW105	12.0	19.91	6.59	202	0.6	36°49'17" 48°16'07"	169	1.0 1.1	UCAC2 34981036	13.32	6 ^h 09 ^m 43.515 ^s 9°24'30.390"	37.1	234	78.4	−14.4	104.2	12.6	99.9	423
2015/04/04 18:31:43	126 Velleda	44.8	13.52	0.60	229	6.6	36°50'07" 52°04'43"	10	3.1 13.3	UCAC2 35756573	13.86	10 ^h 35 ^m 15.813 ^s 11°28'38.944"	50.4	162	141.6	−21.5	41.3	19.6	99.9	133
2015/04/04 18:47:10	56205 GX23	5.0	18.08	8.16	182	0.5	35°14'60" 51°32'45"	336	0.6 1.4	TYC 143000400	9.92	11 ^h 08 ^m 50.487 ^s 15°45'09.843"	53.5	153	146.4	−23.4	36.4	21.4	99.9	142
2015/04/04 20:12:17	5427 Jens-martin	6.3	17.22	7.37	48	0.5	36°37'27" 49°40'40"	150	2.0 2.2	TYC 485902470	9.85	8 ^h 09 ^m 11.729 ^s −6°42'07.719"	18.8	233	109.4	−31.5	74.2	29.7	99.9	116
2015/04/04 20:50:58	310872 HF14	10.0	19.59	5.90	31	0.5	36°18'56" 50°19'18"	4	0.8 0.8	UCAC2 28919770	13.70	13 ^h 25 ^m 29.352 ^s −8°08'02.230"	29.5	158	171.7	−33.5	4.2	32.0	99.9	484
2015/04/05 00:09:34	4056 Timwarner	11.0	16.08	5.03	59	2.1	35°28'50" 49°57'12"	260	3.2 3.6	TYC 143200644	11.06	10 ^h 54 ^m 07.396 ^s 18°19'14.221"	28.0	266	141.8	−25.3	43.3	26.5	99.8	121
2015/04/05 17:27:34	397 Vienna	43.3	14.69	1.33	26	2.5	36°26'40" 49°50'04"	155	9.0 9.1	UCAC2 34999703	13.73	6 ^h 57 ^m 32.891 ^s 9°20'15.813"	43.5	219	89.2	−12.5	104.4	1.8	98.6	189

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}	
2015/04/06 01:01:57	6386 Keith-noll	10.5	16.78	3.64	226	1.1	38°15'57'' 51°38'36''	39	1.0	UCAC2 37543235	13.18	11 ^h 17 ^m 49.281 ^s 16°05'37.581''	21.0	270	146.7	-18.6	49.3	22.5	97.8	166	
2015/04/06 01:09:08	14877 Zauberflote	10.5	18.25	4.64	212	0.8	38°41'03'' 51°11'45''	53	1.2	UCAC2 21174308	13.63	18 ^h 30 ^m 41.060 ^s -26°23'45.139''	9.1	153	98.8	-17.6	64.1	21.8	97.7	218	
2015/04/06 20:39:30	2331 Parvulesco	20.7	16.76	4.01	243	0.6	38°13'21'' 51°51'24''	34	1.9	UCAC2 39270204	12.78	5 ^h 19 ^m 45.818 ^s 21°15'13.667''	9.4	292	64.1	-32.3	142.2	17.9	94.8	190	
2015/04/06 22:22:00	33297 1998 KW44	8.3	17.77	8.16	44	1.3	35°49'05'' 49°47'07''	229	1.7	HIP 77231	9.61	15 ^h 46 ^m 10.086 ^s -19°21'58.800''	15.8	151	137.9	-32.8	15.3	25.5	94.5	186	
2015/04/06 22:30:29	1305 Pongola	29.5	16.27	3.03	52	1.8	36°37'10'' 50°27'36''	27	5.5	UCAC2 40503410	13.31	7 ^h 06 ^m 30.125 ^s 24°43'04.239''	11.4	295	88.5	-32.4	118.5	25.9	94.4	208	
2015/04/06 23:01:48	930 Westphalia	36.5	14.52	2.62	199	3.0	37°09'44'' 48°21'25''	162	2.8	UCAC2 23376217	12.00	12 ^h 42 ^m 20.585 ^s -21°11'35.746''	15.2	205	164.6	-30.6	31.5	26.7	94.3	114	
2015/04/06 23:01:48	930 Westphalia	36.5	14.52	2.87	199	3.0	37°09'44'' 48°21'25''	162	2.8	TYC 611000442	11.73	12 ^h 42 ^m 20.585 ^s -21°11'35.746''	15.2	205	164.6	-30.6	31.5	26.7	94.3	114	
2015/04/06 23:15:10	153 Hilda	170.6	13.46	1.61	265	16.4	36°06'38'' 47°39'56''	183	15.1	UCAC2 24414912	12.12	18 ^h 09 ^m 30.214 ^s -19°18'38.259''	6.8	131	104.3	-29.7	47.9	26.9	94.3	219	
2015/04/07 02:18:57	11658 1997 EQ17	11.0	17.88	4.27	158	0.7	38°07'58'' 49°17'14''	123	1.6	UCAC2 33092487	13.63	18 ^h 30 ^m 40.323 ^s 3°49'01.741''	42.9	164	97.3	-7.2	55.8	16.7	93.7	206	
2015/04/07 03:01:27	1712 Angola	59.5	15.80	2.11	205	1.7	38°24'04'' 48°49'23''	132	6.9	UCAC2 31957624	13.86	21 ^h 14 ^m 06.992 ^s 0°07'57.266''	28.8	131	57.2	-0.5	93.8	11.8	93.5	240	
2015/04/07 16:51:10	32467 2000 SL174	14.5	19.61	5.64	77	0.7	36°53'26'' 49°28'25''	146	1.2	UCAC2 30642782	13.98	6 ^h 05 ^m 30.958 ^s -3°07'36.692''	29.7	219	75.9	-6.6	136.9	-22.5	90.4	455	
2015/04/07 23:06:05	2121 Sevastopol	12.0	17.22	4.93	192	0.8	37°18'37'' 51°38'47''	22	1.5	UCAC2 39302546	12.30	7 ^h 15 ^m 20.253 ^s 21°02'43.188''	4.1	298	89.9	-30.0	129.0	22.9	88.8	174	
2015/04/08 00:12:25	5546 Salavat	11.0	16.72	4.28	104	3.3	37°42'06'' 50°17'24''	75	2.1	UCAC2 16652606	12.47	17 ^h 02 ^m 19.180 ^s -35°34'14.432''	2.6	164	118.8	-23.9	26.4	24.4	88.4	178	
2015/04/08 17:06:01	1035 Amata	50.7	16.67	2.97	165	2.0	37°58'36'' 51°03'47''	47	6.2	UCAC2 45804361	13.78	5 ^h 58 ^m 02.287 ^s 40°07'01.409''	60.6	266	72.1	-8.6	148.6	-29.3	83.6	273	
2015/04/08 18:41:37	50495 2000 DU93	6.6	17.58	6.98	213	0.9	37°07'01'' 51°53'04''	16	0.6	TYC 501000332	10.60	15 ^h 21 ^m 25.786 ^s -3°55'50.861''	5.3	103	146.6	-21.6	20.0	-14.6	83.1	146	
2015/04/08 19:19:37	176 Iduna	121.0	14.05	2.47	295	6.6	34°36'41'' 52°28'53''	336	8.9	UCAC2 31482493	11.70	7 ^h 21 ^m 13.071 ^s 0° - 58'14.490''	22.2	239	93.4	-25.7	133.0	-8.8	82.9	215	
2015/04/08 22:40:05	1671 Chaika	12.6	16.08	3.98	130	1.2	35°01'10'' 49°13'10''	225	2.3	TYC 27300285	12.13	11 ^h 55 ^m 36.850 ^s 1°27'07.291''	33.5	222	159.8	-31.2	70.7	16.1	81.8	135	
2015/04/08 22:40:05	1671 Chaika	12.6	16.08	3.99	130	1.2	35°01'10'' 49°13'10''	225	2.3	UCAC2 32205309	12.12	11 ^h 55 ^m 36.850 ^s 1°27'07.291''	33.5	222	159.8	-31.2	70.7	16.1	81.8	135	
2015/04/09 22:15:12	10306 Pagnol	10.0	17.19	3.49	22	0.9	36°32'18'' 50°09'13''	57	2.4	UCAC2 31867617	13.74	11 ^h 28 ^m 19.942 ^s 0°06'13.382''	31.6	223	153.0	-31.9	89.4	7.2	73.3	164	
2015/04/10 02:55:15	38263 1999 RC20	5.8	20.01	8.58	208	0.5	34°11'01'' 51°21'40''	314	0.6	TYC 628401304	11.43	18 ^h 47 ^m 53.642 ^s -18°18'23.019''	21.7	176	98.3	-0.5	17.0	20.8	71.4	251	

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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}
2015/04/10 17:01:30	945 Barcelona	25.5	14.67	4.61	91	1.0	37°21'41" 50°29'40"	57	5.5	TYC 190601388	10.08	6 ^h 57 ^m 25.447 ^s 28°44'34.920"	61.2	232	82.4	-7.4	164.6	-46.1	65.6	158
2015/04/10 21:25:55	32485 TY44	6.3	19.12	6.72	10	0.7	36°23'17" 50°06'50"	44	1.1	TYC 619700931	12.41	15 ^h 41 ^m 53.921 ^s -21°22'46.124"	10.8	143	142.3	-32.1	37.0	-6.5	63.8	222
2015/04/11 02:49:12	4711 Kathy	10.5	16.97	4.41	131	0.6	36°33'35" 48°52'52"	171	1.8	UCAC2 26098038	12.58	19 ^h 01 ^m 04.877 ^s -15°47'24.775"	24.0	172	95.9	-1.1	7.3	22.2	61.4	168
2015/04/11 19:51:09	4553 Don-campbell	11.5	15.71	3.57	63	1.1	35°56'23" 49°31'37"	203	3.3	UCAC2 31874523	12.18	14 ^h 31 ^m 44.694 ^s 0°01'55.038"	27.6	128	160.1	-27.5	70.9	-28.5	53.8	119
2015/04/12 16:53:08	3906 Chao	47.1	16.34	3.05	148	1.7	35°35'32" 51°17'58"	340	6.3	UCAC2 34418998	13.36	7 ^h 38'56.599"	37.2	230	70.7	-5.6	151.3	-54.7	44.0	249
2015/04/13 00:59:38	21023 1989 DK	9.5	17.19	5.25	123	2.3	34°35'53" 50°17'24"	283	1.8	UCAC2 16211157	11.95	16 ^h 19 ^m 17.706 ^s -36°50'06.785"	3.0	186	131.4	-16.4	57.8	10.5	40.1	152
2015/04/13 02:48:57	65223 2002 EU34	11.0	19.19	6.62	45	0.7	36°42'46" 50°20'31"	43	1.1	TYC 555600222	12.57	13 ^h 48 ^m 11.141 ^s -10°24'09.447"	3.0	250	173.8	-0.5	96.2	21.6	39.4	412
2015/04/13 16:26:51	3191 Svanetia	12.0	17.82	4.83	239	0.6	35°18'18" 48°00'02"	197	1.2	UCAC2 40671969	13.01	6 ^h 53 ^m 38.579 ^s 25°26'47.387"	60.7	221	78.9	-1.4	148.2	-51.9	33.1	218
2015/04/13 17:31:02	55404 2001 SY343	6.0	19.28	7.79	194	1.2	36°56'50" 48°21'46"	166	0.7	TYC 197702086	11.50	10 ^h 48 ^m 06.008 ^s 24°01'42.685"	59.3	140	129.2	-10.9	151.8	-52.3	32.7	225
2015/04/13 21:11:16	226 Weringia	33.8	14.48	4.05	6	4.8	36°13'38" 50°00'33"	225	9.3	TYC 143901281	10.45	11 ^h 15 ^m 58.347 ^s 20°54'47.738"	54.2	226	136.0	-30.8	148.2	-29.1	31.0	145
2015/04/14 16:52:28	1062 Ljuba	55.1	15.55	2.42	135	1.7	35°24'34" 48°58'33"	208	7.9	UCAC2 41502392	13.25	5 ^h 29 ^m 59.673 ^s 27°33'18.662"	46.5	258	59.2	-5.0	115.2	-46.7	22.5	235
2015/04/14 16:53:30	516 Amhers-tia	73.1	13.78	1.31	22	3.1	36°01'29" 49°56'14"	237	13.9	UCAC2 42215875	12.86	6 ^h 27 ^m 52.944 ^s 29°58'11.771"	57.0	246	72.0	-5.2	127.4	-46.8	22.5	207
2015/04/14 18:41:12	3782 Celle	10.5	15.08	2.05	137	1.2	35°11'03" 49°03'03"	215	1.7	UCAC2 25087736	13.21	13 ^h 21 ^m 22.518 ^s -17°57'35.777"	13.0	140	171.1	-19.7	123.4	-48.0	21.8	101
2015/04/14 19:53:56	24018 1999 RU134	16.6	19.55	5.57	98	0.6	35°31'58" 50°47'13"	327	1.5	UCAC2 34970834	13.98	5 ^h 36 ^m 43.624 ^s 9°28'26.099"	5.2	279	60.7	-26.8	114.6	-42.9	21.3	444
2015/04/14 20:36:32	23143 2000 AZ177	7.9	17.10	5.49	194	1.7	34°47'08" 48°36'09"	214	0.8	TYC 563100604	11.61	16 ^h 28 ^m 33.827 ^s -11°00'51.337"	10.3	121	136.1	-29.4	82.2	-38.2	21.1	128
2015/04/14 22:05:57	2618 Coon-abarabran	32.6	17.30	4.20	68	3.2	35°37'05" 49°36'42"	225	4.7	UCAC2 19920682	13.13	15 ^h 03 ^m 38.244 ^s -28°40'21.979"	10.2	166	150.9	-30.3	99.8	-26.0	20.4	265
2015/04/15 17:03:57	1672 Gezelle	16.6	16.57	4.34	52	0.7	36°04'15" 49°35'57"	197	3.1	UCAC2 39302735	12.25	7 ^h 16 ^m 25.790 ^s 21°25'35.414"	54.7	226	82.5	-6.5	125.2	-39.3	13.3	208
2015/04/15 18:50:41	30694 5112 T-2	6.6	18.21	6.64	105	0.9	36°42'34" 49°08'54"	163	1.3	TYC 23001426	11.57	9 ^h 14 ^m 58.757 ^s 3°03'47.463"	39.0	211	114.3	-20.5	154.8	-44.4	12.8	163
2015/04/15 18:53:31	3313 Mendel	12.6	15.53	1.88	53	1.3	35°35'02" 49°54'00"	252	2.8	UCAC2 23135954	13.86	12 ^h 15 ^m 20.475 ^s -21°35'48.789"	16.2	160	157.8	-20.8	147.6	-44.4	12.7	174
2015/04/15 21:21:45	1305 Pongola	29.5	16.35	4.44	131	1.5	35°16'38" 49°04'01"	213	4.5	TYC 190001040	11.93	7 ^h 14 ^m 30.361 ^s 24°26'21.425"	17.4	288	81.5	-30.3	121.6	-35.3	11.9	217

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		Asteroid			Nearest point			Star			Sun			Moon							
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2015/04/16 20:23:45	2898 Neuvo	14.5	17.16	4.91	115	0.5	35°49'08'' 49°03'40''	197	2.1	UCAC2 39637061	12.26	6 ^h 09 ^m 15.914 ^s 22°29'32.352''	14.2	288	65.8	-28.1	92.8	-39.1	5.5	245	
2015/04/16 21:16:16	19013 RN76	6.6	18.02	8.05	172	1.7	35°55'01'' 51°34'16''	351	0.9	TYC 84401381	9.97	10 ^h 29 ^m 15.568 ^s 12°35'50.688''	39.0	238	127.9	-29.9	154.0	-36.4	5.2	155	
2015/04/16 22:20:29	2889 Brno	17.4	17.04	5.33	128	3.3	37°10'00'' 49°03'13''	150	2.6	TYC 24001106	11.72	9 ^h 51 ^m 28.988 ^s 2°33'07.503''	15.8	255	122.2	-29.1	147.6	-30.6	5.1	231	
2015/04/17 01:21:17	22117 SX39	5.0	18.47	7.69	179	0.8	33°55'19'' 50°36'32''	290	0.7	UCAC2 19940794	10.78	16 ^h 43 ^m 27.680 ^s -28°56'58.675''	10.5	189	132.9	-12.2	109.3	-5.5	4.3	201	
2015/04/17 19:50:36	209 Dido	159.9	14.43	1.10	285	6.3	33°35'36'' 48°11'39''	223	13.4	UCAC2 42040181	13.82	6 ^h 30 ^m 14.533 ^s 29°28'41.226''	27.1	285	69.5	-25.6	82.8	-33.8	1.4	251	
2015/04/17 20:41:54	298 Baptistina	20.0	14.30	1.68	10	3.5	36°09'35'' 50°05'27''	298	7.9	UCAC2 20649605	12.89	15 ^h 57 ^m 00.178 ^s -27°15'42.247''	2.3	140	144.0	-28.6	131.2	-34.8	1.3	100	
2015/04/17 22:22:02	16778 WU1	6.3	18.49	7.27	121	0.6	36°57'52'' 51°02'49''	24	1.1	TYC 559600600	11.22	15 ^h 38 ^m 35.636 ^s -8°54'39.767''	29.3	161	151.1	-28.7	140.0	-31.0	1.1	187	
2015/04/18 19:25:40	20729 XS143	27.5	17.84	4.39	119	1.6	34°44'45'' 49°38'31''	248	2.7	UCAC2 17946209	13.47	12 ^h 38 ^m 38.742 ^s -32°38'21.047''	6.3	167	153.3	-23.2	151.6	-24.2	0.0	388	
2015/04/19 17:25:58	374 Burgundia	44.7	14.63	1.13	75	1.1	37°01'15'' 50°32'12''	44	6.3	UCAC2 37658657	13.98	4 ^h 18 ^m 58.100 ^s 16°51'14.779''	18.9	274	36.9	-8.7	23.9	0.4	1.3	271	
2015/04/19 19:07:34	2917 Sawyer Hogg	14.5	17.23	3.46	148	1.0	38°12'24'' 50°32'56''	68	2.2	UCAC2 40684459	13.81	8 ^h 30 ^m 39.988 ^s 25°03'52.968''	48.7	249	94.6	-21.1	81.2	-13.1	1.5	202	
2015/04/19 22:24:55	22926 TK106	5.8	17.89	6.40	57	0.7	35°35'33'' 49°48'19''	241	1.5	UCAC2 23647636	11.49	16 ^h 04 ^m 55.889 ^s -20°45'19.293''	16.9	159	146.1	-27.9	161.3	-26.7	1.9	145	
2015/04/20 02:13:15	15063 AQ3	5.5	18.40	6.63	66	0.6	36°24'23'' 49°27'40''	173	1.3	UCAC2 25550461	11.77	15 ^h 29 ^m 49.821 ^s -16°57'02.791''	12.3	224	155.1	-3.8	172.8	-11.7	2.5	157	
2015/04/20 19:21:27	481 Erita	116.0	13.91	2.69	222	3.4	34°27'33'' 48°26'60''	216	12.6	TYC 187500488	11.32	5 ^h 53 ^m 03.586 ^s 29°11'43.130''	23.8	288	58.5	-22.2	32.6	-5.4	5.6	202	
2015/04/21 18:00:50	32246 OQ43	8.3	17.34	8.00	43	0.7	36°41'02'' 50°20'29''	41	1.8	TYC 611600753	9.34	13 ^h 12 ^m 49.815 ^s -18°57'50.440''	11.7	140	167.4	-12.9	131.4	15.6	11.5	174	
2015/04/22 00:01:46	5445 Williwaw	11.5	15.95	2.14	47	1.0	36°18'19'' 50°28'23''	2	3.6	UCAC2 22570321	13.97	19 ^h 03 ^m 42.293 ^s -23°09'19.918''	9.0	144	106.7	-20.1	148.9	-22.1	13.4	118	
2015/04/22 17:27:25	2167 Erin	13.2	15.93	4.22	246	0.9	37°02'26'' 52°12'16''	13	0.6	UCAC2 35209269	11.73	8 ^h 50 ^m 02.502 ^s 9°50'18.528''	47.8	204	100.0	-8.1	48.2	29.8	19.2	125	
2015/04/22 18:15:17	2350 von Lude	14.7	17.57	5.19	132	0.5	35°20'51'' 49°01'33''	211	2.5	UCAC2 39474338	12.39	7 ^h 11 ^m 19.205 ^s 21°48'29.824''	40.3	255	74.4	-14.4	22.8	22.4	19.5	182	
2015/04/23 20:18:26	17543 Sosva	10.0	17.00	3.86	46	0.9	36°46'58'' 49°47'24''	129	2.2	UCAC2 15969191	13.17	13 ^h 15 ^m 19.594 ^s -37°22'27.942''	2.5	175	152.8	-25.5	108.6	11.3	29.2	175	
2015/04/24 23:16:07	59475 HN2	5.8	18.17	6.67	31	0.8	36°04'40'' 49°48'20''	209	1.5	UCAC2 21408024	11.51	18 ^h 46 ^m 54.901 ^s -25°59'07.348''	4.7	141	113.7	-23.2	165.4	-7.6	40.2	146	
2015/04/25 00:46:54	4149 Harrison	12.0	16.03	3.53	113	2.3	34°42'30'' 49°57'53''	265	2.4	UCAC2 30560636	12.54	17 ^h 33 ^m 45.543 ^s -3°55'33.233''	36.2	177	128.5	-14.1	147.3	-17.4	40.6	155	

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			
Date Time (UTC)	Asteroid			Nearest point			Star				Sun		Moon							
	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}
2015/04/25 01:29:22	19501 1998 KC50	12.0	17.10	3.44	186	2.1	34°04'34" 49°11'24"	239	1.6	UCAC2 24933422	13.70	18 ^h 32 ^m 36.387 ^s −18°23'38.826"	21.4	173	116.5	-8.6	164.0	-20.7	41.1	174
2015/04/25 16:49:00	1670 Min- naert	28.1	16.78	3.89	259	1.2	38°20'40" 51°58'52"	34	2.5	UCAC2 42747966	12.92	7 ^h 41 ^m 11.768 ^s 31°29'48.168"	63.0	237	76.9	-1.9	17.9	51.9	47.2	207
2015/04/25 22:51:34	2891 McGetchin	20.9	17.39	4.52	66	2.0	37°02'17" 50°24'04"	54	2.5	UCAC2 39667456	12.88	9 ^h 03 ^m 31.557 ^s 22°26'00.609"	12.8	290	96.6	-24.5	12.4	0.5	49.7	327
2015/04/26 00:32:37	3465 Trevires	7.2	17.02	5.67	224	1.6	36°34'49" 52°02'50"	5	0.4	TYC 626903033	11.36	18 ^h 22 ^m 52.417 ^s −17°35'51.667"	20.7	162	119.6	-15.5	150.0	-13.0	50.4	117
2015/04/26 17:21:56	615 Roswitha	48.2	15.14	3.28	104	5.1	37°09'15" 50°48'04"	36	9.5	UCAC2 37894637	11.92	9 ^h 23 ^m 55.552 ^s 17°09'54.316"	56.3	198	102.0	-6.4	7.3	50.4	57.1	166
2015/04/26 18:41:51	5092 Manara	26.2	17.78	3.97	237	0.8	39°07'27" 51°10'34"	58	2.5	UCAC2 44640291	13.83	6 ^h 01 ^m 56.398 ^s 36°54'34.894"	32.9	290	55.5	-16.5	47.4	42.6	57.6	319
2015/04/27 20:29:41	6770 Fugate	11.5	17.46	3.77	186	1.1	35°14'12" 48°31'26"	204	1.5	UCAC2 29115497	13.72	16 ^h 20 ^m 07.096 ^s −7°30'20.954"	20.2	131	149.6	-24.8	97.7	31.5	67.5	185
2015/04/27 21:55:01	4597 Consol- magno	17.6	16.11	3.28	10	3.5	36°16'01" 49°57'27"	188	6.1	UCAC2 33577321	12.89	12 ^h 13 ^m 59.875 ^s 5°25'59.616"	35.8	228	143.4	-26.0	34.2	18.7	68.1	115
2015/04/28 01:44:57	67244 2000 EH58	7.9	19.30	7.56	25	1.0	36°38'08" 50°02'11"	93	1.2	UCAC2 18545647	11.74	19 ^h 31 ^m 46.435 ^s −31°43'06.490"	7.3	167	107.3	-5.6	137.5	-16.0	69.5	261
2015/04/28 21:34:54	7727 Chep- urova	6.0	15.72	3.42	165	0.9	35°40'41" 48°37'14"	195	0.4	TYC 554900839	12.35	13 ^h 38 ^m 02.032 ^s −10°38'27.391"	28.6	193	168.5	-25.9	46.8	25.5	76.4	85
2015/04/28 21:38:31	1137 Raissa	23.7	14.71	2.67	84	13.2	37°09'18" 50°33'37"	47	6.0	UCAC2 22756899	12.14	18 ^h 09 ^m 22.492 ^s −22°48'41.561"	2.5	131	125.9	-25.9	111.8	25.0	76.7	128
2015/04/28 21:38:31	1137 Raissa	23.7	14.71	2.09	84	13.2	37°09'18" 50°33'37"	47	6.0	TYC 684302082	12.80	18 ^h 09 ^m 22.492 ^s −22°48'41.561"	2.5	131	125.9	-25.9	111.8	25.0	76.7	128
2015/04/29 20:22:21	52293 Momm- sen	5.5	18.88	8.22	202	0.9	35°19'36" 51°45'16"	340	0.7	TYC 27800355	10.66	11 ^h 48 ^m 02.534 ^s 5°47'03.040"	42.1	211	135.8	-23.9	6.9	36.5	83.6	195
2015/04/30 23:34:34	1087 Arabis	31.8	15.23	2.61	180	6.2	33°53'51" 49°33'52"	253	4.2	UCAC2 17817682	12.72	18 ^h 35 ^m 11.538 ^s −33°08'19.041"	2.7	155	122.1	-19.8	92.7	14.3	90.8	202

