

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: 82

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}
2019/07/01 00:29:21	16156 2000 AP39	10.5	16.33	2.49	220	1.1	37°16'45'' 51°55'24''	19	0.9	UCAC2 24483688	13.95	20 ^h 01 ^m 30.277 ^s −19°22'46.184''	18.0	202	160.2	−7.6	136.7	1.9	4.2	150
2019/07/01 01:29:06	257946 2000 YJ15	10.0	20.24	6.42	189	1.0	38°33'05'' 50°56'44''	58	0.8	UCAC2 33325474	13.82	22 ^h 00 ^m 42.707 ^s 4°20'23.320''	44.1	190	123.4	−0.8	102.2	10.5	4.0	481
2019/07/01 20:12:36	6362 Tunis	39.5	16.65	4.99	81	2.6	35°31'10'' 50°34'54''	317	7.1	UCAC2 23963948	11.67	18 ^h 41 ^m 12.890 ^s −20°29'42.948''	17.1	159	177.5	−14.6	167.0	−18.3	1.3	205
2019/07/01 21:36:11	19735 1999 XN212	7.6	16.49	4.82	166	1.3	34°30'22'' 51°01'00''	310	0.9	TYC 619401528	11.68	15 ^h 47 ^m 47.246 ^s −20°29'43.997''	9.9	220	139.8	−17.0	151.5	−17.6	1.1	115
2019/07/02 21:55:56	2154 Under-hill	21.5	17.35	5.33	170	1.8	37°53'43'' 48°55'53''	137	3.1	UCAC2 18797555	12.03	20 ^h 08 ^m 26.942 ^s −31°14'42.816''	7.5	166	159.8	−17.0	160.8	−17.7	0.0	164
2019/07/02 22:19:18	1217 Maximiliana	10.0	15.11	2.41	119	2.6	35°17'36'' 50°54'48''	324	1.9	UCAC2 26911539	12.82	16 ^h 42 ^m 09.247 ^s −13°30'20.580''	17.0	222	149.3	−16.5	147.6	−17.3	0.0	97
2019/07/02 23:13:17	422 Berolina	22.6	13.91	0.87	244	1.6	34°37'13'' 51°58'06''	331	0.5	UCAC2 29572702	13.68	23 ^h 52 ^m 51.169 ^s −6°35'20.877''	17.4	124	104.7	−14.1	106.9	−15.3	0.0	101
2019/07/03 21:40:45	39788 1997 MQ6	5.8	19.48	9.08	76	0.7	35°33'35'' 50°32'59''	317	0.9	TYC 499700254	10.41	14 ^h 40 ^m 35.392 ^s −6°14'36.702''	12.0	245	117.9	−17.2	103.0	−17.2	1.7	233
2019/07/04 23:23:46	158 Koronis	35.4	13.40	2.14	33	3.0	35°56'30'' 50°14'56''	312	8.7	TYC 631002592	11.42	19 ^h 29 ^m 44.369 ^s −21°33'59.160''	16.8	197	171.7	−13.6	158.6	−20.7	6.6	158
2019/07/04 23:29:23	2064 Thomson	13.7	12.51	1.31	130	5.0	34°43'49'' 50°39'56''	302	0.2	UCAC2 19240858	11.58	18 ^h 08 ^m 35.205 ^s −30°19'22.281''	2.5	213	167.4	−13.2	139.9	−20.8	6.5	44
2019/07/05 00:05:33	4936 Butakov	6.3	17.85	6.62	85	0.8	36°37'33'' 49°19'07''	163	1.5	UCAC2 31093815	11.23	23 ^h 29 ^m 53.447 ^s −2°09'47.144''	31.1	142	110.2	−10.3	140.1	−20.8	6.8	145
2019/07/05 17:43:18	2093 Genichesk	8.3	14.60	3.21	89	1.4	36°23'14'' 50°50'48''	5	2.2	TYC 571600999	11.44	19 ^h 15 ^m 10.152 ^s −12°20'16.107''	6.9	119	168.7	−0.7	143.2	19.8	11.8	76
2019/07/06 00:45:24	213 Lilaea	83.0	14.06	0.83	177	3.2	35°24'25'' 51°32'13''	339	10.8	UCAC2 34040680	13.91	2 ^h 08 ^m 45.642 ^s 6°36'25.651''	23.6	109	71.3	−6.4	115.4	−24.6	14.2	225
2019/07/06 18:11:07	25733 2000 AG194	5.2	17.53	5.91	56	0.6	35°43'38'' 49°41'55''	226	1.4	UCAC2 26260507	11.63	17 ^h 34 ^m 10.174 ^s −15°23'08.457''	19.5	149	158.2	−4.2	104.9	20.9	20.7	137
2019/07/06 18:50:41	10068 Dozens	5.5	17.67	8.14	76	1.2	36°14'21'' 50°43'57''	357	1.4	TYC 557300519	9.53	14 ^h 42 ^m 42.877 ^s −12°35'52.947''	24.4	204	118.0	−8.5	63.6	14.6	21.0	126
2019/07/06 23:24:46	5983 Praxiteles	6.6	17.84	6.72	220	0.5	37°44'14'' 48°18'33''	152	0.7	UCAC2 16488737	11.13	18 ^h 54 ^m 58.560 ^s −36°26'54.544''	0.0	202	166.0	−13.7	120.2	−22.6	22.9	175
2019/07/07 20:02:34	323 Brucia	35.8	12.68	0.56	212	2.5	39°08'52'' 49°34'09''	105	2.3	UCAC2 21400035	13.11	18 ^h 30 ^m 25.634 ^s −25°39'01.812''	13.2	166	171.3	−14.5	103.3	7.7	31.9	115
2019/07/07 21:49:28	202752 2007 PX30	13.8	18.63	9.18	77	0.9	35°53'18'' 49°24'34''	202	1.2	TYC 631400244	9.45	20 ^h 07 ^m 00.590 ^s −15°05'03.422''	24.1	167	163.8	−17.5	125.1	−8.8	32.7	459
2019/07/08 17:58:22	1001 Gaussia	74.7	14.97	1.71	69	6.6	35°47'14'' 49°31'11''	211	13.7	UCAC2 23413364	13.51	17 ^h 15 ^m 23.277 ^s −21°15'54.174''	15.0	154	153.5	−2.8	72.8	29.4	42.1	205
2019/07/08 21:44:30	40151 1998 QO75	6.0	18.06	5.57	89	0.7	36°51'50'' 50°45'38''	27	1.2	TYC 52700941	12.50	21 ^h 07 ^m 34.503 ^s 1°22'27.089''	36.0	145	142.8	−17.7	126.6	−4.6	43.8	168

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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}			
2019/07/09 19:49:01	2205 Glinka	12.0	16.01	2.41	22	1.2	36°19'09" 49°51'01"	174	3.3	UCAC2 29353966	13.72	19 ^h 18 ^m 48.828 ^s −7°25'52.074"	27.5	148	165.1	-13.8	87.1	16.5	54.3	146			
2019/07/09 22:54:16	171424 NL2	2007	19.37	6.78	171	0.9	35°44'19" 48°33'28"	193	1.0	UCAC2 32629032	12.59	21 ^h 00 ^m 31.568 ^s 2°00'41.637"	41.7	170	144.5	-15.9	111.4	-12.0	55.7	431			
2019/07/09 23:14:48	4144 Vlad- vasil'ev	24.7	16.49	4.40	102	2.0	35°44'50" 50°53'38"	338	4.6	UCAC2 28060543	12.10	18 ^h 26 ^m 54.532 ^s −10°31'41.932"	21.9	218	163.6	-14.7	72.2	-15.2	55.9	186			
2019/07/10 00:44:47	6776 Dix	6.6	17.82	5.85	75	0.6	35°24'59" 50°25'18"	304	1.5	UCAC2 22815770	11.98	20 ^h 57 ^m 34.655 ^s −22°50'48.095"	14.9	200	156.3	-6.9	105.9	-28.6	56.6	158			
2019/07/10 18:28:10	2064 Thom- sen	13.7	12.62	0.63	5	4.9	36°20'52" 50°01'27"	121	12.4	UCAC2 19741303	12.88	18 ^h 05 ^m 41.976 ^s −29°17'51.297"	6.5	154	162.3	-6.4	57.7	27.0	64.3	44			
2019/07/10 23:28:35	31847 DQ96	2000	18.90	7.36	66	0.9	36°48'58" 49°33'34"	145	1.0	TYC 525200831	11.54	23 ^h 40 ^m 45.454 ^s −2°28'08.982"	28.3	136	113.6	-14.0	136.7	-13.6	66.8	179			
2019/07/11 21:38:52	24314 AQ2	2000	16.84	4.40	158	1.2	34°09'40" 50°26'35"	286	1.5	UCAC2 16038398	12.46	17 ^h 47 ^m 14.950 ^s −37°01'07.117"	0.5	199	154.5	-18.1	41.2	6.9	75.8	169			
2019/07/11 23:53:02	25886 SY181	2000	18.00	5.36	112	0.5	37°46'28" 49°44'11"	108	1.0	TYC 637200708	12.65	21 ^h 24 ^m 52.424 ^s −21°11'52.004"	18.8	183	151.7	-12.2	85.9	-13.1	76.7	142			
2019/07/12 19:17:43	4431 Holeung- holee	28.8	16.76	4.43	46	2.4	36°17'05" 50°27'44"	360	5.1	UCAC2 27876994	12.35	17 ^h 55 ^m 59.336 ^s −11°19'40.556"	27.7	166	156.0	-11.6	27.9	21.9	83.5	220			
2019/07/13 18:29:34	1533 Saimaa	26.1	15.23	4.21	262	2.1	35°00'55" 52°15'27"	340	1.9	TYC 571003177	11.05	18 ^h 55 ^m 31.781 ^s −10°27'25.812"	20.8	139	166.0	-6.9	30.6	20.0	90.3	169			
2019/07/13 21:16:55	6353 Semper	10.0	17.89	5.15	179	0.8	35°05'34" 51°28'09"	332	1.3	UCAC2 20929106	12.75	18 ^h 10 ^m 57.745 ^s −26°34'18.954"	12.5	193	161.2	-18.2	17.4	14.7	91.0	213			
2019/07/13 21:25:14	38574 WS4	1999	19.29	10.19	126	1.3	36°21'04" 48°55'13"	178	1.4	TYC 579200613	9.10	21 ^h 48 ^m 28.100 ^s −10°17'51.537"	21.2	139	145.0	-18.3	69.6	14.0	91.0	409			
2019/07/14 00:24:22	55080 QM104	2001	17.92	6.27	30	0.7	36°25'36" 49°47'26"	161	1.4	TYC 518701238	11.66	20 ^h 55 ^m 41.020 ^s −4°43'16.384"	32.7	204	153.3	-9.6	57.4	-7.4	91.8	141			
2019/07/14 19:31:15	4568 Menkaure	14.5	16.53	4.25	149	4.1	38°21'44" 49°54'04"	96	2.3	UCAC2 17069307	12.30	15 ^h 56 ^m 53.972 ^s −34°46'26.349"	3.0	198	131.0	-13.0	28.1	18.3	95.6	176			
2019/07/14 20:27:19	3638 Davis	16.6	15.07	1.48	182	1.5	34°04'03" 50°52'11"	300	2.1	UCAC2 22801978	13.91	19 ^h 30 ^m 09.669 ^s −22°31'51.660"	16.0	164	178.6	-16.7	22.5	18.1	95.9	148			
2019/07/14 21:14:14	4717 Kaneko	18.1	15.26	3.49	175	1.8	38°22'12" 49°13'60"	121	2.4	UCAC2 18764236	11.81	18 ^h 28 ^m 29.824 ^s −31°24'20.136"	8.2	189	162.3	-18.3	12.3	16.5	96.0	150			
2019/07/15 18:07:01	35919 JY99	1999	18.41	6.70	16	0.8	36°28'22" 49°58'07"	123	1.4	TYC 563600168	11.71	16 ^h 40 ^m 09.241 ^s −11°30'52.872"	28.1	170	136.4	-4.5	31.0	9.9	98.7	190			
2019/07/15 18:25:09	8145 Valujki	9.5	16.78	5.50	69	1.2	36°58'56" 50°28'36"	46	2.3	TYC 624500461	11.28	17 ^h 12 ^m 40.519 ^s −20°39'09.876"	18.6	168	146.1	-6.7	20.9	11.5	98.7	149			
2019/07/15 19:45:55	20124 WJ36	1995	16.40	4.51	117	0.8	34°44'54" 49°42'21"	251	1.3	TYC 742001487	11.91	18 ^h 45 ^m 14.002 ^s −36°58'18.123"	2.0	168	160.7	-14.3	14.7	16.5	98.9	127			
2019/07/16 00:03:19	2405 Welch	25.4	17.20	4.83	224	1.8	34°41'03" 51°47'10"	329	2.7	UCAC2 23240289	12.39	19 ^h 00 ^m 39.740 ^s −21°33'21.961"	8.0	222	171.1	-11.9	1.5	6.7	99.2	212			

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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}
2019/07/16 00:17:11	6714 Mon-treal	11.5	16.74	5.31	181	0.6	36°16'09" 48°25'14"	180	1.5	TYC 468602149	11.44	1 ^h 50 ^m 50.717 ^s −3°31'56.133"	19.6	122	88.6	-10.6	101.3	5.2	99.2	160
2019/07/16 00:22:24	363 Padua	52.2	14.55	1.64	257	1.2	35°00'58" 52°12'48"	339	4.9	UCAC2 40313936	13.18	5 ^h 40 ^m 16.973 ^s 24°11'59.198"	6.7	60	27.5	-10.1	162.6	4.6	99.2	287
2019/07/16 17:53:13	159 Aemilia	125.0	13.99	5.75	187	3.1	37°28'36" 51°32'50"	27	16.0	HIP 50990	8.24	10 ^h 24 ^m 58.490 ^s 12°43'48.731"	14.5	273	39.7	-3.0	138.5	3.3	100.0	164
2019/07/16 21:01:52	759 Vinifera	45.1	13.99	0.99	141	4.7	37°18'35" 51°08'13"	31	7.4	UCAC2 32132524	13.55	23 ^h 20 ^m 21.158 ^s 0°54'14.090"	17.2	110	122.4	-18.3	58.0	17.7	100.0	116
2019/07/16 21:26:55	679 Pax	51.5	12.91	0.96	46	3.9	35°55'03" 50°23'15"	325	14.5	UCAC2 28046676	12.53	17 ^h 28 ^m 14.448 ^s −10°51'35.590"	23.7	213	146.1	-18.7	34.0	18.2	100.0	133
2019/07/16 22:28:37	2051 Chang	25.2	16.60	5.75	86	1.6	35°38'04" 50°41'36"	327	4.7	TYC 61300926	10.86	1 ^h 16 ^m 40.324 ^s 9°03'35.616"	19.0	99	92.7	-18.0	86.9	17.5	100.0	192
2019/07/16 23:52:46	4343 Tetsuya	19.0	18.28	4.62	235	0.8	38°10'14" 48°19'43"	145	1.8	UCAC2 37652069	13.68	2 ^h 25 ^m 36.761 ^s 16°57'22.410"	27.4	96	74.3	-13.0	104.7	12.9	100.0	314
2019/07/17 22:57:20	2914 Glar-nisch	6.9	16.41	4.98	136	0.8	37°18'31" 49°01'19"	147	1.2	UCAC2 24674319	11.44	18 ^h 22 ^m 50.991 ^s −18°44'37.797"	12.6	219	160.1	-16.9	31.8	19.6	98.9	110
2019/07/17 23:19:03	42130 2001 BW19	5.8	18.93	9.21	40	0.8	36°11'18" 50°24'17"	350	1.1	TYC 505700615	9.72	16 ^h 41 ^m 04.011 ^s −4°13'59.452"	8.6	253	131.8	-15.7	60.0	19.1	98.9	206
2019/07/18 00:56:28	1363 Herberta	18.2	15.67	4.75	159	6.2	35°15'49" 51°19'28"	333	2.8	TYC 523900901	10.93	22 ^h 38 ^m 10.944 ^s −6°59'35.331"	32.9	188	136.4	-6.8	30.9	13.3	98.7	152
2019/07/18 22:45:39	213 Lilaea	83.0	13.99	1.71	62	3.9	36°06'06" 50°35'42"	348	14.8	UCAC2 34217867	12.53	2 ^h 23 ^m 08.531 ^s 7°21'01.786"	11.0	92	79.9	-17.7	77.2	21.9	96.1	214
2019/07/18 23:04:46	4720 Tottori	7.9	15.57	3.80	247	0.8	38°37'40" 48°26'36"	137	0.2	TYC 632001917	11.80	19 ^h 49 ^m 56.048 ^s −20°00'18.101"	17.5	201	179.0	-16.7	23.3	22.3	96.0	105
2019/07/19 00:00:28	6991 Chichibu	9.5	14.77	3.56	79	1.2	37°03'17" 49°32'40"	136	2.8	TYC 630302171	11.25	19 ^h 43 ^m 18.243 ^s −18°08'32.469"	14.5	216	176.7	-12.6	25.4	21.8	95.8	97
2019/07/19 20:34:10	6662 1993 BP13	12.0	16.70	4.00	55	2.7	35°32'35" 50°11'25"	287	2.8	UCAC2 22493979	12.73	16 ^h 19 ^m 02.076 ^s −23°01'16.964"	9.9	215	130.3	-17.8	82.2	11.4	92.1	165
2019/07/19 20:42:27	20774 2000 RP3	6.6	17.14	7.52	20	0.7	36°12'15" 50°13'04"	343	1.7	TYC 688000226	9.62	19 ^h 23 ^m 49.295 ^s −25°47'10.031"	14.0	174	171.3	-18.2	40.5	12.4	92.0	153
2019/07/20 19:44:15	6797 Oster-sund	10.5	16.15	2.36	151	1.0	36°30'14" 51°23'35"	6	1.7	UCAC2 22802474	13.93	19 ^h 31 ^m 58.435 ^s −22°36'30.399"	14.8	159	173.5	-15.0	49.7	1.7	86.4	145
2019/07/20 23:11:10	2355 Nei Monggol	17.0	15.51	2.95	237	1.7	39°20'51" 49°15'40"	112	1.4	UCAC2 17619092	12.64	20 ^h 35 ^m 02.753 ^s −33°46'29.513"	5.4	191	164.5	-16.7	40.8	26.0	85.4	159
2019/07/21 19:07:46	754 Malabar	87.6	14.04	1.19	92	6.5	37°08'59" 49°26'04"	138	16.9	UCAC2 35644373	13.29	19 ^h 40 ^m 48.847 ^s 10°34'57.581"	42.4	134	148.5	-12.0	62.1	-7.2	79.5	179
2019/07/21 21:22:22	2937 Gibbs	7.6	15.43	3.54	109	0.6	37°35'00" 50°34'21"	58	1.5	UCAC2 42338140	11.94	22 ^h 41 ^m 59.713 ^s 29°56'02.373"	51.5	104	116.6	-19.6	39.9	13.3	78.8	81
2019/07/22 18:01:37	37047 2000 UU35	5.2	18.83	6.93	95	0.7	36°11'40" 49°11'33"	184	0.9	UCAC2 26924258	11.90	17 ^h 36 ^m 09.339 ^s −13°57'38.679"	24.4	162	143.7	-4.9	100.2	-20.5	71.7	199

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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}
2019/07/22 19:28:35	172819 2004 JN42	12.6	19.15	7.68	127	1.2	35°51'10" 51°09'12"	346	1.2 1.3	TYC 56401242	11.47	22 ^h 06 ^m 41.904 ^s 6°02'40.379"	21.8	107	140.4	-14.1	35.5	-7.0	71.2	392
2019/07/22 19:37:47	2064 Thom-sen	13.7	12.91	1.11	64	4.8	35°23'27" 49°59'17"	264	4.3 12.2	UCAC2 20925502	12.29	18 ^h 03 ^m 26.091 ^s -26°57'58.549"	13.1	180	151.1	-14.8	93.1	-5.6	71.3	45
2019/07/22 23:44:11	163 Erigone	72.6	13.23	0.51	282	5.8	38°19'44" 47°54'08"	149	2.8 20.5	UCAC2 26574545	13.78	20 ^h 21 ^m 08.770 ^s -14°43'11.460"	21.0	209	173.6	-14.7	63.2	29.8	69.6	140
2019/07/23 17:43:03	10061 Ndolaprata	6.3	16.70	4.95	230	0.7	38°38'43" 51°28'32"	47	0.4 2.0	UCAC2 18051596	11.76	18 ^h 42 ^m 28.022 ^s -32°36'45.527"	1.0	149	156.8	-2.7	95.4	-25.1	62.9	123
2019/07/23 19:11:57	8380 Tooting	11.5	16.15	3.38	156	1.6	36°31'06" 51°26'15"	6	1.7 3.5	UCAC2 34208482	12.82	22 ^h 28 ^m 35.390 ^s 6°55'27.311"	17.1	100	136.6	-12.8	40.0	-12.5	62.4	132
2019/07/23 19:17:57	4231 Fireman	13.3	16.77	3.62	59	5.9	37°04'38" 49°54'41"	105	4.0 4.5	UCAC2 24137487	13.19	16 ^h 34 ^m 10.975 ^s -19°39'40.214"	18.5	198	129.4	-13.3	126.2	-11.6	62.5	119
2019/07/24 18:51:59	14236 1999 XZ200	6.0	17.76	5.85	202	0.6	38°32'49" 48°58'59"	126	0.6 1.7	UCAC2 19171740	11.92	15 ^h 21 ^m 42.419 ^s -30°19'25.982"	5.1	207	114.0	-11.0	147.8	-17.6	52.8	144
2019/07/24 22:06:24	4357 Ko-rinthos	15.1	15.87	2.52	5	1.5	36°21'17" 50°02'09"	105	3.9 3.9	UCAC2 29723700	13.46	19 ^h 12 ^m 09.399 ^s -6°12'44.028"	30.7	206	159.6	-20.1	102.3	11.9	51.4	157
2019/07/25 18:11:17	6419 Susono	21.9	15.34	1.75	192	2.1	34°46'15" 48°37'53"	214	2.7 5.1	UCAC2 24699769	13.83	18 ^h 48 ^m 40.635 ^s -18°51'33.935"	16.3	151	158.9	-6.6	119.0	-23.3	43.2	172
2019/07/25 18:43:23	2328 Robeson	14.1	16.56	6.12	242	1.4	34°11'20" 51°46'05"	322	0.7 4.4	TYC 514000471	10.44	19 ^h 04 ^m 58.210 ^s -7°09'42.816"	28.7	150	158.3	-10.3	114.3	-20.1	42.9	128
2019/07/25 19:26:48	1900 Katyusha	12.0	16.57	4.34	47	2.9	36°51'45" 49°50'21"	119	3.0 3.1	UCAC2 22488455	12.25	15 ^h 46 ^m 38.271 ^s -23°09'17.443"	10.8	212	117.3	-14.5	159.6	-15.0	42.7	154
2019/07/25 19:26:53	3937 Bre-tagnon	15.1	17.09	6.62	57	3.7	35°41'40" 50°23'11"	312	2.7 2.8	TYC 732701489	10.47	15 ^h 43 ^m 58.992 ^s -30°52'11.830"	3.3	210	117.9	-14.5	154.6	-15.0	42.8	213
2019/07/25 19:46:48	23222 2000 VZ53	6.0	19.41	7.25	109	0.6	35°43'56" 50°57'44"	339	0.9 1.0	TYC 615600940	12.17	14 ^h 30 ^m 57.733 ^s -17°34'25.860"	5.1	235	98.7	-16.1	172.5	-12.4	42.5	230
2019/07/25 20:28:48	26718 2001 HP5	12.0	17.16	3.75	73	0.9	36°28'49" 49°24'16"	169	2.3 2.5	UCAC2 33823383	13.45	19 ^h 39 ^m 55.796 ^s 5°36'36.553"	45.2	168	153.0	-18.7	104.2	-6.6	42.2	195
2019/07/26 21:18:38	33909 2000 LU7	6.3	17.24	6.18	80	0.7	36°09'32" 49°20'07"	187	1.5 1.8	TYC 52400886	11.07	20 ^h 49 ^m 26.135 ^s 6°03'50.046"	45.1	163	153.7	-20.6	99.0	-2.8	31.9	137
2019/07/26 23:32:44	678 Freder- gundis	41.8	13.15	0.66	83	2.2	35°15'11" 50°23'51"	298	9.8 11.6	UCAC2 38192405	13.34	1 ^h 40 ^m 26.336 ^s 18°01'45.792"	38.4	109	93.6	-16.4	28.4	17.5	31.0	144
2019/07/27 20:03:07	86176 1999 RO214	6.9	18.47	5.73	188	0.6	33°45'27" 49°36'38"	255	0.9 1.4	TYC 742100931	12.74	19 ^h 00 ^m 23.426 ^s -36°41'20.764"	3.3	178	154.3	-17.7	141.0	-14.8	22.9	202
2019/07/27 22:06:36	436 Patricia	59.5	15.89	2.69	82	1.9	37°25'47" 49°57'29"	97	8.3 8.7	UCAC2 43397183	13.30	3 ^h 42 ^m 04.105 ^s 33°17'36.446"	17.8	59	64.2	-20.7	18.2	-0.4	22.1	273
2019/07/27 23:03:47	28930 2000 RA31	6.6	17.59	6.14	195	0.9	37°08'10" 48°22'57"	162	0.8 1.5	UCAC2 25383323	11.45	18 ^h 21 ^m 58.611 ^s -17°21'17.337"	8.6	230	150.4	-18.5	153.6	7.8	21.8	177
2019/07/30 20:05:34	3439 Lebofsky	11.5	15.73	2.36	170	2.4	34°16'36" 49°14'25"	238	1.4 3.7	UCAC2 19006760	13.50	18 ^h 27 ^m 34.750 ^s -30°56'17.689"	8.7	188	148.0	-18.5	164.8	-17.8	2.4	124

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			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}		
2019/07/31 21:33:20	12264 1990 CD	5.8	18.07	6.41	162	0.7	38°33'33'' 50°03'55''	89	0.8	UCAC2 36754835	11.67	1 ^h 03 ^m 42.988 ^s 14°00'34.109''	25.4	99	107.9	-21.9	104.5	-19.5	0.1	146
2019/07/31 23:25:47	4167 Riemann	13.2	15.61	4.60	9	1.8	36°09'51'' 50°01'47''	257	4.2	TYC 523401874	11.03	22 ^h 45 ^m 10.672 ^s −2°22'02.126''	37.6	175	146.0	-18.0	143.6	-15.4	0.1	124