

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}
2023/09/01 01:00:43	128 Nemesis	188.2	13.20	1.55	281	5.4	37°53'14" 47°45'26"	156	16.2	TYC 189601505	11.94	7 ^h 11 ^m 10.951 ^s 23°33'20.640"	26.4	84	51.8	-16.3	114.4	25.5	98.5	268
2023/09/01 17:58:09	10604 Susanoo	6.3	19.26	8.08	164	1.8	38°34'39" 49°58'37"	93	0.8	TYC 740200576	11.18	18 ^h 27 ^m 18.465 ^s −35°09'12.952"	4.5	188	116.4	-15.4	86.2	7.9	95.8	245
2023/09/01 20:47:12	2322 Kitt Peak	16.0	15.88	4.20	117	1.8	37°18'53" 49°13'55"	141	3.3	TYC 580200812	11.71	22 ^h 06 ^m 44.976 ^s −8°35'52.432"	31.5	177	171.3	-31.0	34.0	31.5	95.1	108
2023/09/01 22:08:11	21247 1995 YJ1	6.0	17.98	6.67	157	1.2	34°55'38" 51°09'39"	322	0.9	TYC 632300717	11.31	20 ^h 14 ^m 48.861 ^s −20°17'01.102"	9.1	223	142.4	-31.4	63.9	38.6	94.8	165
2023/09/01 23:51:45	9276 Tim-grove	5.2	16.79	5.62	47	0.6	36°32'11" 49°39'28"	158	1.7	TYC 56701384	11.17	22 ^h 33 ^m 43.138 ^s 0°51'56.806"	31.9	225	170.7	-24.6	27.9	40.4	94.5	116
2023/09/02 00:08:05	731 Sorgia	41.8	15.40	3.25	139	2.1	37°33'43" 49°06'25"	139	5.7	TYC 185001155	12.20	5 ^h 10 ^m 01.338 ^s 25°17'15.069"	39.3	97	80.3	-22.9	72.5	39.9	94.4	250
2023/09/02 00:43:18	855 Newcombia	14.5	17.36	4.36	73	0.6	37°04'54" 49°38'26"	129	2.2	UCAC2 42726414	13.02	5 ^h 45 ^m 58.917 ^s 31°19'26.331"	43.3	91	72.2	-18.8	80.6	38.0	94.3	253
2023/09/02 01:05:43	4230 van den Bergh	37.7	18.45	7.91	97	0.9	36°28'25" 49°10'54"	172	3.7	TYC 139400729	10.54	8 ^h 58 ^m 31.118 ^s 15°39'17.378"	5.1	72	26.5	-15.9	125.6	36.3	94.2	389
2023/09/03 00:31:30	17297 3560 P-L	12.9	17.57	6.58	121	0.7	34°44'03" 50°30'05"	294	1.9	TYC 238000840	11.00	4 ^h 28 ^m 50.563 ^s 35°34'36.342"	57.2	100	88.9	-20.5	51.5	47.7	87.7	240
2023/09/03 02:03:09	1270 Datura	9.5	13.82	2.74	29	1.9	36°05'39" 50°16'34"	332	4.9	TYC 639800462	11.17	23 ^h 07 ^m 29.710 ^s −18°50'13.284"	2.1	237	167.8	-8.1	43.0	42.1	87.1	72
2023/09/03 16:17:19	9752 1990 QZ1	5.1	18.42	7.14	122	1.4	34°41'05" 49°41'27"	251	0.9	UCAC2 20035057	11.29	19 ^h 19 ^m 03.406 ^s −28°43'21.363"	7.9	157	126.5	-1.2	102.8	-11.7	82.5	164
2023/09/04 18:14:40	57152 2001 QL2	6.7	18.35	7.29	57	0.7	35°35'37" 49°47'37"	240	1.3	TYC 744901418	11.06	20 ^h 09 ^m 24.951 ^s −35°09'50.348"	4.5	173	133.4	-18.6	108.2	2.3	72.3	195
2023/09/05 20:48:10	4182 Mount Locke	11.1	17.82	4.53	110	0.9	37°18'49" 49°18'45"	138	1.7	UCAC2 40977425	13.31	4 ^h 19 ^m 42.028 ^s 26°29'39.504"	18.8	71	95.1	-32.5	7.8	21.1	61.0	230
2023/09/05 22:57:08	1291 Phryne	26.8	16.26	3.00	233	1.2	35°12'12" 52°01'40"	341	2.7	UCAC2 38395286	13.33	5 ^h 45 ^m 02.797 ^s 18°37'55.189"	20.0	84	76.4	-30.5	26.3	41.2	60.1	267
2023/09/05 23:35:27	16038 1999 GD18	10.8	17.66	4.20	188	0.9	38°10'37" 48°53'41"	134	1.4	UCAC2 38741288	13.48	4 ^h 09 ^m 52.395 ^s 19°34'08.734"	41.8	111	98.6	-27.4	5.1	47.0	59.9	215
2023/09/06 00:38:17	2182 Semiot	25.1	18.21	5.23	104	0.8	35°19'37" 50°45'30"	319	2.8	UCAC2 40172343	12.99	7 ^h 03 ^m 52.723 ^s 23°55'16.534"	27.4	85	58.3	-20.6	42.4	55.5	59.4	342
2023/09/06 01:41:22	6079 Gerokurat	10.9	17.18	4.04	105	0.8	36°20'31" 49°06'08"	178	1.9	UCAC2 33157585	13.17	23 ^h 14 ^m 24.348 ^s 3°30'24.663"	22.9	247	168.9	-12.0	71.6	61.9	58.9	205
2023/09/06 17:56:26	2391 Tomita	9.9	17.93	5.96	169	0.6	36°07'49" 51°33'44"	356	1.3	UCAC2 24377645	11.97	16 ^h 52 ^m 00.949 ^s −19°29'41.004"	12.9	216	90.4	-16.9	172.9	-5.8	52.0	223
2023/09/06 18:38:36	50622 2000 ER63	5.4	16.46	4.72	95	0.6	35°52'39" 49°14'24"	198	1.4	TYC 583300860	11.75	23 ^h 48 ^m 06.677 ^s −10°37'32.767"	12.6	124	167.3	-22.3	79.4	-1.4	51.8	107
2023/09/07 01:09:12	122592 2000 RE29	11.9	19.15	5.69	133	0.7	36°52'22" 48°54'42"	162	1.2	UCAC2 36572018	13.46	23 ^h 03 ^m 05.664 ^s 13°07'47.575"	33.1	249	160.5	-16.8	82.2	55.1	48.9	375

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}	
2023/09/07 17:26:27	25242 1998 UH15	6.4	17.15	5.22	9	0.6	36°10'31" 50°00'17"	239	2.0	UCAC2 30064409	11.94	18 ^h 45 ^m 46.558 ^s -5°25'27.518"	34.6	184	116.1	-13.1	151.7	-10.1	42.1	128	
2023/09/07 22:06:00	1836 Ko-marov	12.1	17.56	4.30	109	1.6	35°04'59" 50°39'13"	308	1.9	UCAC2 41146945	13.28	3 ^h 55 ^m 48.721 ^s 26°42'11.097"	36.4	90	102.2	-33.6	23.7	20.3	40.2	222	
2023/09/07 23:25:03	19030 2000 SJ276	7.4	17.07	5.15	44	0.8	36°06'47" 50°25'40"	344	1.9	UCAC2 37820578	11.93	22 ^h 50 ^m 27.492 ^s 16°39'04.516"	48.2	229	157.1	-29.0	93.9	32.2	39.7	150	
2023/09/08 01:12:11	2313 Aruna	15.5	18.51	6.70	146	0.5	36°53'44" 48°47'50"	163	2.1	UCAC2 39473343	11.81	7 ^h 07 ^m 15.382 ^s 21°35'22.276"	32.0	94	59.2	-16.7	18.7	48.8	39.0	249	
2023/09/08 01:59:17	24225 1999 XV80	14.1	19.65	5.80	249	0.5	34°43'55" 52°03'46"	334	1.0	UCAC2 40335342	13.85	6 ^h 56 ^m 12.052 ^s 24°27'20.204"	43.3	104	62.1	-9.9	14.9	55.7	38.7	475	
2023/09/08 18:56:56	4266 Waltari	12.5	18.24	4.87	151	1.9	38°20'03" 49°43'39"	104	1.6	UCAC2 19029362	13.38	19 ^h 09 ^m 58.214 ^s -30°35'47.768"	7.4	198	119.3	-25.2	171.0	-7.4	32.2	275	
2023/09/09 00:17:54	2137 Priscilla	41.0	17.24	4.03	150	1.1	37°49'05" 49°08'15"	133	4.6	UCAC2 41017933	13.23	8 ^h 05 ^m 35.289 ^s 26°13'24.223"	18.1	70	48.0	-23.9	18.4	32.3	30.0	314	
2023/09/09 02:38:27	226 Weringia	33.8	15.89	2.34	102	0.8	37°07'35" 49°18'26"	144	3.7	UCAC2 36646692	13.68	10 ^h 01 ^m 36.278 ^s 13°42'50.742"	12.6	84	18.3	-4.1	47.0	53.7	29.2	353	
2023/09/09 20:06:09	23186 2000 PO8	15.4	17.99	5.03	245	1.7	38°55'08" 48°39'55"	129	1.5	UCAC2 20288483	12.97	20 ^h 57 ^m 34.952 ^s -28°05'40.603"	11.2	191	141.1	-31.9	160.1	-7.1	23.0	297	
2023/09/09 20:42:48	10463 Bannister	6.1	19.25	7.88	104	7.1	37°18'12" 49°23'19"	135	0.9	TYC 630800712	11.37	19 ^h 17 ^m 04.327 ^s -20°49'09.392"	8.2	223	121.3	-33.9	173.0	-4.0	22.3	238	
2023/09/10 00:38:15	10191 1996 NU1	7.3	17.44	6.21	16	1.2	36°07'27" 49°57'03"	227	1.9	TYC 174901177	11.23	1 ^h 32 ^m 26.806 ^s 24°15'43.634"	62.9	203	134.7	-21.7	80.3	26.5	21.6	154	
2023/09/10 17:36:27	6979 Shige-fumi	10.7	15.58	2.20	149	1.4	38°21'42" 49°55'50"	95	1.6	UCAC2 17394280	13.53	20 ^h 34 ^m 29.694 ^s -34°10'35.710"	4.3	165	132.9	-15.6	169.9	-14.0	16.3	111	
2023/09/10 18:21:59	15082 1999 CT30	10.2	18.34	6.05	214	0.7	36°49'26" 48°09'39"	170	1.1	UCAC2 18490972	12.29	17 ^h 31 ^m 38.884 ^s -31°36'54.815"	1.6	212	96.4	-21.8	143.5	-15.1	16.1	256	
2023/09/10 18:23:41	31499 1999 CS64	8.9	18.86	7.28	46	0.9	36°46'20" 49°46'54"	130	1.3	UCAC2 23192807	11.58	17 ^h 56 ^m 34.881 ^s -21°59'18.380"	12.5	211	101.7	-22.0	148.1	-15.1	16.1	273	
2023/09/10 19:18:42	7167 Laupheim	11.9	17.90	3.99	149	1.1	38°22'02" 50°02'33"	90	1.6	UCAC2 32740295	13.94	18 ^h 11 ^m 03.754 ^s 2°34'45.105"	30.5	232	104.0	-28.2	138.7	-14.6	15.8	244	
2023/09/11 18:22:48	22845 1999 RA115	5.5	18.87	7.94	124	1.0	35°31'23" 49°03'05"	206	0.9	TYC 633300214	10.93	20 ^h 25 ^m 19.880 ^s -17°36'59.625"	22.4	176	135.9	-22.2	169.7	-17.3	9.8	203	
2023/09/11 20:26:08	1971 Hagi-hara	10.7	17.67	4.30	121	0.7	37°46'41" 49°32'51"	118	1.7	UCAC2 42715243	13.39	4 ^h 47 ^m 59.134 ^s 31°19'56.599"	18.4	63	94.0	-33.9	58.6	-17.3	9.3	217	
2023/09/11 20:50:03	24335 2000 AG76	5.5	18.79	6.49	16	1.0	36°29'09" 50°07'04"	61	1.1	TYC 5600939	12.30	3 ^h 14 ^m 27.770 ^s 0°33'35.739"	13.7	106	120.7	-34.9	89.0	-16.1	9.1	191	
2023/09/12 02:00:08	173 Ino	154.1	12.41	1.66	134	8.6	35°46'16" 48°53'36"	196	26.2	TYC 11101245	11.02	5 ^h 09 ^m 54.640 ^s 6°52'19.536"	43.8	152	91.6	-10.8	62.1	20.0	8.0	170	
2023/09/12 20:33:22	5670 Rosstaylor	16.8	17.57	6.15	216	2.4	37°17'02" 48°13'29"	161	1.8	TYC 626400675	11.42	18 ^h 14 ^m 23.553 ^s -15°51'00.681"	4.3	239	103.9	-34.6	127.0	-22.6	4.6	275	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 3		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}
2023/09/12 20:36:43	76836 2000 SB310	11.3	19.04	5.32	54	0.8	36°10'06'' 50°31'29''	351	1.2	UCAC2 34382697	13.73	21 ^h 55 ^m 59.882 ^s 7°08'33.297''	46.8	192	155.9	-34.8	155.6	-22.5	4.5	377
2023/09/12 22:28:05	12920 1998 VM15	21.0	18.26	7.50	221	1.1	34°42'15'' 51°45'43''	329	1.8	TYC 132201044	10.76	6 ^h 09 ^m 18.184 ^s 19°31'30.219''	16.5	79	77.4	-34.6	54.7	-16.5	4.2	394
2023/09/12 23:31:31	850 Altona	80.9	16.04	3.02	76	3.5	36°45'39'' 49°26'19''	153	10.1	UCAC2 36613730	13.09	6 ^h 33 ^m 55.934 ^s 13°44'34.044''	18.5	90	71.5	-30.0	50.3	-10.1	4.1	309
2023/09/13 02:38:55	47388 1999 XY103	6.5	18.30	8.12	42	0.8	36°46'19'' 49°49'56''	125	1.4	TYC 528100049	10.18	2 ^h 12 ^m 46.618 ^s -7°33'46.241''	25.1	218	137.5	-5.0	119.9	15.9	3.6	186
2023/09/13 19:05:21	4458 Oizumi	6.7	17.48	7.04	149	0.5	38°18'19'' 50°24'23''	75	1.1	UCAC2 37659100	10.44	4 ^h 24 ^m 04.313 ^s 16°50'43.561''	0.1	63	103.3	-28.0	89.8	-23.8	1.6	147
2023/09/14 02:12:27	271 Penthesilea	57.9	15.08	1.81	99	4.0	35°52'10'' 50°53'52''	343	9.7	UCAC2 41152365	13.50	4 ^h 56 ^m 35.271 ^s 26°31'19.486''	65.0	154	94.9	-9.4	84.0	1.8	1.0	212
2023/09/14 15:49:34	9738 1987 DF6	7.7	17.50	7.32	236	1.3	34°07'17'' 48°27'42''	221	0.7	TYC 635201040	10.18	20 ^h 49 ^m 01.989 ^s -19°51'09.924''	9.6	137	138.0	-0.6	142.6	1.2	0.2	165
2023/09/14 18:29:50	966 Muschi	23.4	14.11	1.09	248	3.1	39°31'02'' 50°53'43''	68	1.7	UCAC2 17174223	13.51	22 ^h 08 ^m 40.400 ^s -34°40'10.858''	2.5	160	143.6	-24.2	148.2	-21.5	0.2	154
2023/09/14 19:02:24	1670 Minnaert	28.1	15.44	2.15	204	2.9	35°20'45'' 51°47'09''	341	3.1	UCAC2 29388476	13.46	1 ^h 07 ^m 01.545 ^s -6°56'18.078''	12.4	117	155.2	-28.1	153.9	-25.1	0.1	160
2023/09/15 16:13:50	337 Devosa	59.1	14.52	3.22	204	1.8	37°10'34'' 48°18'35''	162	6.6	TYC 674800967	11.35	15 ^h 00 ^m 42.009 ^s -23°53'45.861''	4.4	224	57.6	-4.8	51.3	-0.8	0.4	266
2023/09/15 18:34:19	58041 2002 VU127	6.4	18.27	7.02	29	0.7	36°10'53'' 50°18'10''	345	1.4	TYC 231500191	11.25	1 ^h 51 ^m 20.784 ^s 35°14'07.287''	33.2	73	129.6	-25.2	135.0	-22.0	0.5	184
2023/09/15 20:41:01	24428 2000 C726	7.7	16.01	9.15	170	1.5	34°03'23'' 50°36'29''	291	0.1	HIP 106115	6.86	21 ^h 29 ^m 40.184 ^s -14°01'38.598''	24.0	200	147.8	-36.1	138.9	-35.7	0.6	64
2023/09/16 17:33:32	4763 Ride	11.3	17.40	6.35	108	0.8	34°52'42'' 50°24'51''	292	1.9	TYC 739301477	11.05	18 ^h 18 ^m 41.203 ^s -31°30'15.687''	6.6	197	100.6	-17.4	82.7	-11.6	2.6	205
2023/09/16 22:24:24	4545 Priamolevi	10.8	17.90	8.31	253	0.5	38°09'12'' 48°07'60''	148	1.0	HIP 28124	9.59	5 ^h 56 ^m 40.545 ^s 24°24'58.142''	24.0	80	84.2	-36.2	104.8	-44.6	3.2	239
2023/09/17 22:20:02	783 Nora	40.0	16.33	3.66	248	2.3	37°29'06'' 47°57'43''	160	3.8	UCAC2 36780770	12.71	6 ^h 01 ^m 23.308 ^s 14°04'43.012''	15.6	87	84.2	-36.7	115.6	-48.1	7.6	218
2023/09/17 22:42:44	1543 Bourgeois	12.5	17.90	4.71	140	0.6	37°24'15'' 49°01'05''	145	1.6	UCAC2 41352731	13.20	6 ^h 55 ^m 36.837 ^s 27°13'22.401''	20.3	71	72.2	-35.5	104.1	-49.5	7.6	271
2023/09/18 01:39:17	3182 Shimmanto	27.5	17.35	3.95	75	0.6	36°47'57'' 49°27'47''	151	3.6	UCAC2 33221022	13.43	9 ^h 43 ^m 36.708 ^s 4°23'58.907''	4.6	89	29.2	-15.4	61.7	-43.1	8.3	292
2023/09/18 22:48:57	63234 2001 BB20	11.8	20.32	7.10	9	0.6	36°24'12'' 50°01'14''	110	0.9	UCAC2 43949902	13.22	7 ^h 01 ^m 25.045 ^s 34°53'10.463''	26.4	66	73.0	-35.5	115.8	-52.2	13.8	508
2023/09/18 22:58:21	45850 2000 SH209	9.4	18.60	8.96	221	0.6	38°16'43'' 48°32'41''	140	1.0	HIP 116593	9.64	23 ^h 37 ^m 41.223 ^s -12°12'07.133''	24.4	206	169.5	-34.8	130.1	-53.0	13.8	282
2023/09/18 23:07:18	5743 Kato	6.3	16.99	5.63	18	1.3	36°32'07'' 50°01'10''	100	2.0	UCAC2 26128656	11.37	21 ^h 20 ^m 01.339 ^s -15°37'19.300''	5.6	238	142.1	-34.1	98.3	-53.6	13.9	124

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		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}
2023/09/19 18:48:49	16786 1997 AT1	11.4	17.06	7.00	81	0.9	35°41'57'' 50°40'16''	329	2.1	TYC 116801534	10.06	23 ^h 27 ^m 29.835 ^s 13°54'00.183''	44.2	129	163.9	-28.4	127.8	-15.3	20.1	199
2023/09/19 23:48:49	1613 Smiley	21.2	16.13	3.59	226	0.8	34°21'48'' 51°40'20''	323	2.1	UCAC2 42565732	12.58	6 ^h 38 ^m 36.521 ^s 30°53'55.323''	37.2	84	78.2	-30.4	133.6	-57.8	21.9	175
2023/09/20 19:07:08	246530 2008 GC106	7.4	20.25	8.77	207	0.6	33°31'33'' 50°38'35''	289	0.7	TYC 50901264	11.48	20 ^h 28 ^m 51.945 ^s 5°49'21.197''	44.1	201	129.3	-30.9	72.1	-13.6	29.2	386
2023/09/20 22:34:35	205 Martha	80.9	14.69	2.37	260	4.8	36°51'25'' 47°44'29''	171	7.3	UCAC2 37852472	12.45	5 ^h 47 ^m 02.020 ^s 17°00'40.646''	24.3	92	90.5	-37.1	155.5	-45.6	30.5	217
2023/09/21 16:18:17	1029 La Plata	20.8	16.35	6.03	155	2.7	34°36'44'' 50°56'19''	310	2.9	TYC 687800658	10.32	19 ^h 13 ^m 10.848 ^s -25°16'30.841''	14.5	173	108.4	-7.7	32.5	9.5	37.9	221
2023/09/21 18:28:45	143 Adria	89.9	14.42	2.18	219	6.6	39°12'41'' 49°30'40''	106	9.9	UCAC2 19264303	12.40	18 ^h 41 ^m 09.861 ^s -30°18'51.820''	4.4	209	100.7	-26.8	23.9	-3.4	38.8	204
2023/09/22 17:30:46	6488 Drebach	8.2	17.59	9.46	57	0.6	36°44'17'' 49°37'45''	145	2.7	TYC 685601203	8.13	18 ^h 24 ^m 11.795 ^s -29°05'19.283''	8.1	201	96.1	-19.2	7.3	6.9	49.2	105
2023/09/23 20:09:15	345 Tercidina	94.1	12.06	1.18	107	10.7	34°57'17'' 50°29'36''	298	21.1	UCAC2 36400976	11.33	1 ^h 00 ^m 34.022 ^s 13°20'09.473''	44.1	131	160.1	-37.6	96.2	-2.1	61.5	114
2023/09/23 21:12:59	62108 2000 RS97	5.7	19.17	7.80	110	0.5	35°23'51'' 50°51'11''	325	0.9	TYC 229100078	11.37	1 ^h 14 ^m 53.757 ^s 31°47'43.960''	65.8	130	143.7	-40.2	106.5	-9.9	62.0	225
2023/09/23 23:36:29	13817 Genoechetti	10.8	18.49	7.00	2	0.5	36°19'03'' 50°02'50''	91	1.5	TYC 15803379	11.49	6 ^h 31 ^m 59.310 ^s 6°35'07.067''	21.0	105	82.4	-33.0	157.1	-30.5	63.1	282
2023/09/24 01:22:11	1264 Letaba	74.7	15.92	5.00	155	2.6	35°23'06'' 48°47'21''	205	8.5	TYC 18701324	10.93	7 ^h 41 ^m 30.428 ^s 4°30'48.071''	24.9	115	65.1	-19.5	156.1	-46.7	63.9	311
2023/09/24 03:17:03	4194 Sweitzer	18.4	17.60	5.02	131	0.9	36°27'12'' 51°13'02''	5	2.7	UCAC2 37336096	12.59	6 ^h 40 ^m 37.224 ^s 15°38'42.714''	54.5	160	80.7	-1.6	165.2	-62.2	64.8	229
2023/09/24 21:32:43	1731 Smuts	54.1	16.38	4.65	270	3.0	34°51'03'' 52°18'16''	338	4.8	UCAC2 37865596	11.75	6 ^h 31 ^m 23.596 ^s 17°25'28.650''	10.2	75	83.8	-40.6	156.3	-2.8	72.9	262
2023/09/24 21:48:46	1176 Lucidor	30.6	16.08	4.26	12	1.6	36°27'06'' 50°01'17''	104	6.6	UCAC2 41168863	11.84	6 ^h 12 ^m 36.524 ^s 26°30'17.398''	22.3	75	88.4	-40.4	154.1	-4.8	73.0	183
2023/09/24 22:15:41	18281 Tros	10.1	19.13	5.45	14	0.7	36°23'34'' 49°56'18''	148	1.2	UCAC2 29940829	13.69	22 ^h 54 ^m 19.408 ^s -5°55'49.421''	28.4	215	161.3	-39.5	44.0	-8.3	73.2	342
2023/09/25 19:24:34	595 Polyxena	109.1	13.20	1.44	122	12.6	36°05'54'' 51°08'26''	354	17.4	UCAC2 38915849	12.09	2 ^h 48 ^m 51.445 ^s 20°29'03.640''	28.1	91	136.0	-34.7	94.6	16.7	81.8	209
2023/09/25 21:38:12	21284 Pandion	16.2	19.43	7.39	113	0.8	37°43'41'' 49°38'06''	114	1.3	TYC 134600833	12.04	7 ^h 16 ^m 15.343 ^s 15°26'51.308''	3.2	70	73.9	-41.0	152.7	6.8	82.7	467
2023/09/26 01:55:20	53303 1999 GF45	5.1	18.77	9.30	215	0.5	34°49'57'' 51°44'49''	331	0.6	HIP 10213	9.47	2 ^h 11 ^m 21.449 ^s -1°34'21.407''	29.6	224	149.3	-15.0	73.5	-28.5	84.3	192
2023/09/26 22:25:16	606988 2020 RR5	24.9	21.64	7.87	8	1.7	36°24'12'' 50°02'01''	101	0.8	UCAC2 31972996	13.77	2 ^h 41 ^m 57.677 ^s 0°56'37.041''	37.5	151	142.5	-39.8	69.4	12.7	91.0	1251
2023/09/26 22:29:39	78 Diana	120.6	13.01	1.17	300	4.1	38°35'25'' 47°48'59''	146	7.9	TYC 192300471	12.30	7 ^h 40 ^m 22.388 ^s 29°13'20.049''	18.4	66	71.5	-39.5	143.4	12.2	91.0	199

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	Phase (%)	σ_{km}		
2023/09/27 15:41:38	2066 Palala	21.6	17.33	5.01	87	1.3	36°21'14'' 50°49'36''	3	4.4	UCAC2 22319591	12.33	18 ^h 38 ^m 27.495 ^s −23°42'29.020''	16.3	178	94.8	-3.9	60.5	6.9	95.4	174
2023/09/27 15:51:46	1372 Hare-mari	23.9	15.60	2.02	231	1.9	33°16'23'' 50°50'17''	292	2.2	UCAC2 46669537	13.76	5 ^h 03 ^m 50.029 ^s 43°20'58.470''	5.7	18	103.8	-5.6	100.5	8.3	95.4	166
2023/09/27 18:26:24	122379 2000 QG67	5.6	17.12	5.22	220	0.6	34°51'36'' 48°18'30''	208	0.4	UCAC2 25229034	11.91	23 ^h 03 ^m 41.739 ^s −17°40'29.278''	18.4	153	153.9	-28.7	7.2	25.6	95.9	124
2023/09/27 23:52:58	15944 1998 AH5	7.2	17.95	9.92	78	0.5	36°40'06'' 49°23'38''	159	2.0	HIP 3535	8.03	0 ^h 45 ^m 04.817 ^s 1°46'54.268''	35.7	218	172.7	-32.5	26.6	14.5	97.0	115
2023/09/28 03:16:56	3794 Sthenelos	25.8	18.50	6.53	106	0.9	36°10'31'' 49°05'59''	184	2.0	TYC 194200751	11.97	8 ^h 39 ^m 23.081 ^s 22°34'51.702''	49.9	119	58.2	-2.6	139.9	-14.9	97.5	492
2023/09/28 16:58:26	14720 2000 CQ85	11.5	16.38	6.58	245	1.0	37°59'56'' 48°09'23''	150	0.9	TYC 120300644	9.81	1 ^h 22 ^m 04.954 ^s 21°36'30.024''	21.2	81	154.9	-16.5	35.1	16.2	99.2	158
2023/09/28 22:30:17	4036 White-house	7.6	18.10	6.28	194	0.7	36°54'51'' 48°21'14''	167	0.9	UCAC2 38026831	11.82	5 ^h 23 ^m 41.735 ^s 17°38'49.828''	32.9	102	103.8	-40.2	82.5	34.2	99.6	193
2023/09/28 23:52:35	222 Lucia	54.9	14.14	5.39	32	4.2	36°11'33'' 50°19'47''	348	19.1	HIP 3055	8.76	0 ^h 38 ^m 48.114 ^s 0°56'45.444''	33.9	220	175.0	-32.8	9.8	26.8	99.7	108
2023/09/29 20:05:16	116 Sirona	71.7	12.29	0.82	86	5.4	36°56'15'' 49°23'43''	147	13.7	UCAC2 30122129	12.16	23 ^h 57 ^m 27.907 ^s −5°22'51.894''	33.5	164	170.0	-39.7	15.1	39.0	99.7	186
2023/09/29 20:05:16	116 Sirona	71.7	12.29	0.92	86	5.4	36°56'15'' 49°23'43''	147	13.7	TYC 525900506	11.97	23 ^h 57 ^m 27.907 ^s −5°22'51.894''	33.5	164	170.0	-39.7	15.1	39.0	99.7	186
2023/09/30 00:51:33	9511 Klingsor	6.9	16.84	4.41	252	0.7	34°40'52'' 52°04'38''	333	0.4	TYC 527301112	12.45	1 ^h 07 ^m 26.061 ^s −8°17'54.403''	21.8	224	164.5	-25.5	13.7	32.1	99.4	137
2023/09/30 20:58:42	2559 Svoboda	25.5	16.44	7.12	110	5.1	35°53'14'' 49°05'31''	195	5.3	TYC 179000881	9.33	2 ^h 57 ^m 34.481 ^s 26°31'48.806''	49.2	108	136.6	-42.7	24.4	45.8	97.0	142
2023/09/30 21:49:37	1553 Bauersfelda	16.0	16.90	3.20	139	0.8	35°03'33'' 51°01'32''	321	2.3	UCAC2 39296476	13.75	6 ^h 50 ^m 37.681 ^s 21°13'04.611''	16.4	76	85.4	-42.7	74.2	49.7	96.9	228
2023/09/30 22:30:08	21101 1992 OJ1	5.7	17.16	6.44	42	1.1	36°06'19'' 50°24'25''	342	1.8	TYC 519001710	10.73	20 ^h 51 ^m 18.333 ^s −6°26'02.127''	7.4	251	125.5	-40.9	74.6	51.1	96.8	120

