

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: 186

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 (%)
2022/01/01 01:54:36	11406 Uccio- contin	5.8	18.57	6.90	223	0.7	35°23'15" 48°08'00"	197	0.6	UCAC2 33046896	11.67	11 ^h 26 ^m 13.333 ^s 3°58'28.961"	43.9	172	109.6	-33.7	85.7	-17.8	4.3	181
2022/01/01 02:38:00	10611 Yanjici	12.3	17.99	5.18	193	0.6	34°15'16" 48°55'12"	229	1.4	UCAC2 25085981	12.82	12 ^h 53 ^m 01.841 ^s -17°38'37.236"	20.8	163	81.4	-26.7	58.1	-11.6	4.2	259
2022/01/01 13:42:38	3693 Bar- ringer	13.9	16.83	3.45	139	0.9	34°55'58" 50°57'28"	316	2.2	UCAC2 30461532	13.42	1 ^h 23 ^m 41.788 ^s -3°30'07.678"	27.5	136	97.0	-0.8	113.2	-13.0	2.2	193
2022/01/01 13:43:00	2156 Kate	22.7	16.42	2.96	241	0.9	34°01'02" 51°40'22"	318	1.5	UCAC2 32474162	13.53	0 ^h 03 ^m 58.651 ^s 2°19'05.918"	40.1	157	81.0	-0.9	98.1	-13.1	2.2	140
2022/01/01 16:59:09	1025 Riema	10.4	15.36	2.50	174	1.0	37°48'02" 51°16'43"	38	0.9	UCAC2 22381245	12.97	5 ^h 34 ^m 30.199 ^s -23°23'55.726"	3.8	134	130.3	-30.4	131.0	-42.8	1.8	98
2022/01/01 20:37:56	3869 Norton	9.6	16.27	4.29	168	0.8	36°06'28" 51°33'13"	356	1.3	TYC 132200753	12.00	6 ^h 11 ^m 47.217 ^s 20°17'12.846"	60.1	169	171.1	-60.7	172.9	-65.9	1.3	143
2022/01/01 23:43:08	71128 1999 XO176	6.1	18.58	7.47	54	0.6	36°37'04" 50°28'52"	26	1.2	TYC 238101102	11.11	4 ^h 33 ^m 20.937 ^s 34°03'07.359"	40.7	277	148.4	-53.6	159.4	-49.0	1.0	198
2022/01/01 23:47:21	3722 Urata	9.0	15.80	4.02	159	0.9	36°09'32" 48°37'15"	183	1.1	UCAC2 35567931	11.80	8 ^h 02 ^m 07.683 ^s 10°36'34.962"	49.1	201	158.6	-53.0	147.5	-48.4	1.0	111
2022/01/02 02:24:22	32977 1996 VR4	5.9	16.46	5.02	182	0.6	34°16'22" 49°04'01"	233	0.6	TYC 245601432	11.45	7 ^h 25 ^m 54.392 ^s 32°50'31.688"	41.6	274	167.2	-28.9	161.8	-24.6	0.7	110
2022/01/02 05:05:39	29943 1999 JZ78	21.1	17.31	4.30	235	0.5	34°00'04" 48°33'28"	225	1.9	UCAC2 25342043	13.03	17 ^h 07 ^m 24.400 ^s -17°16'55.194"	13.1	139	24.7	-4.3	18.1	-2.5	0.5	357
2022/01/02 17:02:49	5839 GOI	14.3	15.75	2.50	142	1.7	37°41'50" 49°09'14"	135	2.4	UCAC2 46285633	13.36	9 ^h 10 ^m 56.907 ^s 41°41'15.826"	23.4	52	145.5	-30.9	147.1	-33.7	0.1	143
2022/01/02 21:00:30	26586 Har- shaw	6.9	18.55	9.04	174	1.8	33°51'23" 49°57'43"	267	0.9	TYC 64700442	9.51	2 ^h 57 ^m 32.953 ^s 14°19'59.693"	36.5	246	124.0	-62.1	122.4	-64.8	0.1	202
2022/01/03 01:42:26	6520 Sugawa	5.9	17.67	5.95	39	0.5	36°04'12" 49°43'17"	203	1.5	UCAC2 38570081	11.72	5 ^h 25 ^m 05.362 ^s 19°16'38.683"	18.9	278	159.1	-35.7	154.0	-41.2	0.2	149
2022/01/03 03:47:37	13222 Ichikawakazuo	7.1	17.20	5.69	220	0.6	38°01'54" 51°41'33"	34	0.7	TYC 187601685	11.52	6 ^h 06 ^m 00.099 ^s 28°18'56.858"	12.8	299	167.8	-15.8	163.4	-22.0	0.3	154
2022/01/03 18:47:07	571 Dulcinea	44.5	15.43	6.47	106	2.0	35°55'35" 50°58'03"	346	8.6	TYC 60300414	8.96	0 ^h 35 ^m 29.765 ^s 8°08'47.193"	29.8	245	88.3	-47.1	74.6	-38.7	1.7	72
2022/01/03 23:10:49	3167 Babcock	12.3	15.66	2.75	230	1.2	34°50'10" 48°12'41"	207	1.1	UCAC2 45169359	13.00	9 ^h 30 ^m 30.714 ^s 38°06'00.857"	74.1	132	144.0	-57.4	158.5	-64.4	2.3	162
2022/01/04 03:18:29	2892 Fil- ipenko	56.1	14.52	1.39	60	6.9	35°40'36" 49°40'59"	227	13.6	UCAC2 46652274	13.49	3 ^h 36 ^m 52.736 ^s 43°17'56.337"	11.0	329	133.9	-20.3	119.1	-34.9	2.9	151
2022/01/04 03:45:56	13856 1999 XZ105	7.9	17.01	5.37	145	0.8	36°13'26" 51°20'49"	358	1.3	TYC 20501962	11.65	8 ^h 26 ^m 17.598 ^s 4°48'48.589"	16.5	257	152.2	-16.0	160.9	-30.6	3.0	146
2022/01/04 04:21:03	45423 2000 AR162	7.1	18.09	6.55	245	0.7	39°39'49" 50°28'56"	79	0.6	UCAC2 31170823	11.54	11 ^h 59 ^m 01.221 ^s -1°53'07.969"	33.8	211	102.9	-10.7	122.4	-25.2	3.1	182
2022/01/04 16:06:26	410 Chloris	123.5	12.95	0.73	78	7.6	36°35'00" 49°22'12"	164	22.6	UCAC2 40335043	12.99	6 ^h 54 ^m 50.877 ^s 24°28'53.842"	23.8	80	177.7	-21.5	152.0	-3.7	5.4	200

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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}
2022/01/04 16:15:23	40201 1998 SO13	5.7	18.93	7.13	243	0.5	36°38'55'' 52°13'11''	6	0.6	TYC 9701041	11.80	4 ^h 57 ^m 53.759 ^s 6°22'53.346''	29.8	119	146.2	-23.0	120.3	-4.9	5.4	207
2022/01/04 20:44:07	1165 Im-prinetta	48.8	16.21	3.85	233	3.1	36°37'44'' 52°07'32''	6	5.1	UCAC2 34062998	12.39	6 ^h 12 ^m 00.803 ^s 6°55'55.295''	47.1	178	160.3	-60.8	134.9	-44.5	6.5	233
2022/01/04 20:44:07	1165 Im-prinetta	48.8	16.21	3.72	233	3.1	36°37'44'' 52°07'32''	6	5.1	TYC 14300401	12.52	6 ^h 12 ^m 00.803 ^s 6°55'55.295''	47.1	178	160.3	-60.8	134.9	-44.5	6.5	233
2022/01/04 20:47:16	4073 Ruianzhongxue	11.5	17.37	6.36	139	1.5	36°34'44'' 51°16'44''	9	1.8	UCAC2 38562433	11.01	4 ^h 28 ^m 23.685 ^s 19°10'45.961''	53.3	223	144.2	-61.0	114.8	-45.0	6.5	201
2022/01/04 23:03:27	4508 Takat-suki	6.0	16.40	4.61	223	0.5	35°17'08'' 48°09'06''	199	0.3	UCAC2 39837330	11.81	7 ^h 21 ^m 42.619 ^s 22°56'55.650''	60.3	211	175.4	-58.1	153.8	-59.8	7.1	113
2022/01/05 00:43:51	1898 Cowell	10.8	16.39	3.30	25	1.0	36°30'52'' 50°12'57''	41	2.7	UCAC2 39456608	13.15	6 ^h 09 ^m 57.635 ^s 21°58'46.242''	36.3	261	167.9	-44.9	136.2	-59.5	7.5	157
2022/01/05 03:19:15	1114 Lorraine	62.2	14.50	1.24	80	5.1	36°11'60'' 49°19'41''	184	12.8	UCAC2 33738278	13.67	7 ^h 38 ^m 37.072 ^s 5°37'03.346''	13.2	263	160.9	-20.2	150.2	-41.2	8.2	174
2022/01/05 15:36:25	1427 Ruvuma	37.6	16.16	2.83	229	2.6	34°15'47'' 51°39'31''	321	3.9	UCAC2 41364964	13.42	8 ^h 34 ^m 25.764 ^s 27°27'37.520''	7.5	55	159.2	-16.7	159.4	10.4	11.7	196
2022/01/05 17:10:35	1782 Schneller	33.1	17.07	5.47	33	2.5	36°35'28'' 49°49'26''	139	6.1	UCAC2 38070203	11.61	8 ^h 29 ^m 32.920 ^s 17°40'33.269''	14.6	80	159.7	-31.7	158.9	-1.2	12.1	214
2022/01/05 20:27:21	550 Senta	37.8	13.52	2.77	99	2.6	36°38'60'' 49°11'07''	165	7.4	TYC 134101982	10.84	6 ^h 33 ^m 37.463 ^s 20°41'48.252''	59.9	162	172.3	-59.3	129.9	-30.4	13.2	171
2022/01/05 20:40:03	856 Back-lunda	52.0	13.83	3.20	139	4.9	37°08'48'' 51°10'31''	26	8.8	TYC 137700781	10.69	8 ^h 11 ^m 32.201 ^s 15°21'55.649''	47.3	133	162.9	-60.4	152.4	-32.3	13.2	119
2022/01/05 23:31:43	270 Anahita	50.8	11.98	0.52	9	6.4	36°19'60'' 49°58'18''	158	17.2	TYC 129501742	12.50	5 ^h 17 ^m 13.057 ^s 21°57'36.639''	38.7	258	154.8	-54.9	110.6	-53.5	14.3	117
2022/01/06 00:29:05	3224 Irkutsk	31.1	16.58	4.27	199	1.4	38°00'27'' 51°28'05''	38	3.8	UCAC2 27848611	12.33	13 ^h 13 ^m 20.307 ^s -11°29'34.131''	15.1	130	84.1	-47.1	127.9	-56.3	14.5	199
2022/01/06 03:58:09	853 Nansenia	27.0	16.23	2.85	193	0.6	36°53'09'' 51°44'27''	13	3.3	UCAC2 25558905	13.46	16 ^h 37 ^m 13.200 ^s -16°40'29.246''	11.2	134	35.7	-14.1	82.3	-39.7	15.7	234
2022/01/06 15:21:47	2206 Gabrova	16.8	15.88	4.59	34	1.2	36°40'45'' 49°52'55''	123	3.7	TYC 244200613	11.30	7 ^h 06 ^m 39.352 ^s 33°14'15.403''	22.6	65	169.1	-14.3	126.0	21.4	19.7	179
2022/01/06 16:03:39	40218 1998 SQ97	5.8	18.49	6.97	105	0.5	36°25'31'' 50°59'00''	5	1.1	TYC 475301616	11.52	5 ^h 29 ^m 47.209 ^s -1°30'53.100''	18.1	116	145.9	-20.8	99.5	17.6	20.0	187
2022/01/06 16:32:07	3911 Otomo	16.1	16.41	2.60	174	1.2	37°36'28'' 48°44'44''	147	2.2	UCAC2 33387075	13.92	8 ^h 06 ^m 18.538 ^s 4°45'54.149''	3.0	86	157.6	-25.3	138.7	14.6	20.1	194
2022/01/06 17:37:56	5056 Rahua	7.0	15.73	5.17	207	0.9	37°05'15'' 48°16'02''	164	0.3	TYC 245200667	10.57	7 ^h 27 ^m 40.932 ^s 31°08'59.047''	39.1	86	170.4	-35.9	129.5	6.4	20.5	101
2022/01/06 18:31:37	46670 1996 NU	10.2	17.18	3.90	6	1.0	36°19'19'' 49°59'49''	156	2.3	UCAC2 33037702	13.31	8 ^h 32 ^m 25.122 ^s 3°38'14.479''	17.1	105	152.6	-44.3	143.8	-1.2	20.9	181
2022/01/06 21:35:45	4717 Kaneko	18.1	16.04	5.96	194	1.2	35°28'46'' 48°23'02''	197	2.3	TYC 243700013	10.09	7 ^h 01 ^m 02.633 ^s 30°43'38.175''	70.9	184	171.4	-62.6	121.5	-28.9	22.1	193

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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}	
2022/01/06 23:32:01	1809 Prometheus	14.9	16.21	3.06	92	1.2	36°43'57" 50°49'27"	20	2.9	UCAC2 39987751	13.21	6 ^h 06 ^m 42.661 ^s 23°09'46.866"	46.6	248	165.2	-54.8	108.3	-43.9	22.8	180	
2022/01/07 05:26:01	1003 Lilofee	22.7	17.33	4.68	181	0.6	34°43'08" 48°46'59"	219	2.2	UCAC2 23652651	12.66	16 ^h 35 ^m 49.946 ^s -20°31'33.445"	16.3	156	36.3	-1.4	96.2	-29.7	25.1	357	
2022/01/07 15:48:20	6898 Saint-Marys	10.2	16.42	5.04	58	0.7	36°47'08" 49°38'04"	142	2.4	TYC 189802925	11.39	6 ^h 53 ^m 20.464 ^s 25°27'46.455"	23.7	78	174.3	-18.2	110.0	28.4	29.2	158	
2022/01/07 16:00:06	3718 Dunbar	7.9	17.04	5.13	69	0.7	36°43'17" 49°29'52"	153	1.9	UCAC2 40826232	11.92	6 ^h 09 ^m 20.805 ^s 25°47'20.085"	32.9	88	164.9	-20.1	100.0	27.5	29.3	153	
2022/01/07 19:26:12	1114 Lorraine	62.2	14.47	1.27	77	5.0	36°24'45" 50°44'18"	7	12.9	UCAC2 33737718	13.60	7 ^h 36 ^m 27.685 ^s 5°41'02.617"	35.1	130	162.5	-52.0	118.0	2.2	30.7	173	
2022/01/07 19:32:09	330 Adalberta	10.5	15.75	3.71	172	0.9	37°17'08" 48°39'01"	155	1.1	UCAC2 33688628	12.08	2 ^h 34 ^m 55.000 ^s 5°30'18.630"	35.4	229	110.7	-52.8	43.8	1.3	30.7	111	
2022/01/07 20:37:03	259370 HQ14	7.7	21.25	9.29	82	1.9	36°12'51" 49°18'33"	184	0.6	UCAC2 37829203	11.96	1 ^h 42 ^m 58.210 ^s 17°07'54.772"	27.7	264	102.8	-59.8	36.9	-8.6	31.0	469	
2022/01/07 22:28:36	2519 An-nagerman	15.1	16.96	3.11	41	1.0	36°30'08" 50°23'07"	22	2.6	UCAC2 39663306	13.91	8 ^h 02 ^m 22.037 ^s 22°13'19.553"	62.4	181	169.1	-60.8	122.2	-25.2	31.9	226	
2022/01/07 23:15:34	12084 Unno	6.7	17.66	6.96	19	0.6	36°12'44" 49°52'52"	196	1.7	TYC 12200325	10.71	5 ^h 35 ^m 58.827 ^s 4°20'43.172"	28.9	239	150.0	-56.7	86.0	-31.5	32.3	159	
2022/01/08 19:44:01	175 Andromache	100.9	13.74	3.21	281	3.1	34°34'10" 47°47'33"	206	8.4	TYC 525200955	10.59	23 ^h 40 ^m 08.272 ^s -2°28'51.125"	0.9	265	66.3	-54.1	13.4	10.7	40.7	231	
2022/01/08 22:28:21	1234 Elyna	26.0	15.52	2.47	104	2.7	36°13'17" 50°59'05"	357	4.9	UCAC2 36822304	13.17	9 ^h 23 ^m 30.227 ^s 14°12'19.518"	51.2	150	149.5	-60.8	129.7	-14.2	41.9	179	
2022/01/08 23:47:07	14691 AK119	13.3	17.22	6.75	217	0.7	38°32'07" 51°22'49"	47	1.5	TYC 611701199	10.47	12 ^h 56 ^m 02.142 ^s -20°01'03.722"	6.1	131	87.7	-52.8	159.7	-25.1	42.5	215	
2022/01/09 00:31:33	5183 Robyn	10.9	17.36	5.71	193	0.7	33°57'01" 49°11'40"	240	1.4	UCAC2 23872191	11.65	12 ^h 16 ^m 16.194 ^s -20°04'29.726"	14.7	150	96.2	-46.6	159.1	-30.3	42.8	193	
2022/01/09 02:23:48	342 Endymion	60.6	15.65	2.95	78	2.1	35°27'13" 49°35'38"	230	9.5	UCAC2 24360962	12.77	14 ^h 41 ^m 25.219 ^s -19°03'35.115"	12.7	142	64.7	-29.0	146.3	-38.6	43.6	242	
2022/01/09 04:57:44	2188 Orlenok	14.6	15.97	2.33	3	1.1	36°17'32" 50°04'24"	8	3.3	UCAC2 38958595	13.78	7 ^h 04 ^m 47.094 ^s 20°23'45.224"	1.7	301	176.0	-5.2	92.7	-33.9	44.6	177	
2022/01/09 14:02:06	3957 Sugie	23.5	18.00	4.55	260	2.0	35°07'22" 52°15'49"	341	2.1	UCAC2 37131320	13.47	5 ^h 24 ^m 22.495 ^s 15°26'32.303"	14.8	84	151.4	-2.2	64.2	40.2	48.4	218	
2022/01/09 21:08:01	16925 FB63	7.1	17.05	5.66	250	1.1	39°27'39" 51°02'11"	64	0.4	TYC 475500807	11.40	5 ^h 13 ^m 45.392 ^s -3°41'56.007"	32.5	209	139.1	-61.5	58.7	8.8	51.3	134	
2022/01/10 05:00:37	2483 Guinevere	44.2	18.66	5.64	44	1.1	36°21'52" 50°26'09"	7	3.5	UCAC2 22972904	13.02	18 ^h 09 ^m 57.274 ^s -22°18'46.712"	4.7	134	17.3	-4.7	112.5	-31.4	54.6	499	
2022/01/10 05:04:39	10243 Hohe Meissner	5.8	16.58	5.41	82	0.6	36°02'44" 49°19'46"	192	1.5	TYC 189902098	11.18	6 ^h 59 ^m 27.101 ^s 25°28'36.710"	3.6	306	173.2	-4.2	78.8	-31.2	54.7	119	
2022/01/10 05:13:22	4870 Shcherban'	25.3	18.07	4.54	130	0.6	35°57'59" 48°53'43"	190	2.6	UCAC2 22962503	13.55	17 ^h 34 ^m 42.614 ^s -22°26'25.261"	9.7	144	25.5	-3.0	120.7	-30.6	54.7	363	

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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}
2022/01/10 13:58:17	68 Leto	122.6	11.45	0.56	230	8.9	34°01'12" 51°31'59"	316	12.1	UCAC2 42578447	11.89	8 ^h 27 ^m 50.563 ^s 30°38'33.565"	1.5	40	163.7	-1.5	93.0	40.9	58.2	178
2022/01/10 17:46:27	4589 McDowell	5.1	17.59	5.35	17	0.6	36°21'37" 49°54'05"	162	1.5	TYC 130501986	12.25	5 ^h 34 ^m 43.043 ^s 19°47'50.584"	51.4	130	153.7	-36.6	52.8	45.3	59.7	131
2022/01/10 20:45:56	925 Alphonse	54.3	11.61	0.91	260	4.0	34°24'39" 52°04'06"	329	2.4	UCAC2 41531164	11.31	7 ^h 30 ^m 25.755 ^s 27°49'29.296"	65.4	148	174.0	-60.0	77.6	22.7	60.9	131
2022/01/11 02:41:29	1448 Lindblad	20.6	14.73	1.50	126	3.0	37°43'46" 50°41'60"	55	3.2	UCAC2 42921956	13.54	8 ^h 01 ^m 27.322 ^s 31°39'55.644"	38.1	276	167.7	-26.1	80.8	-24.4	63.2	83
2022/01/11 15:49:38	1651 Behrens	12.1	15.87	3.55	174	3.9	38°27'44" 49°22'16"	116	1.5	UCAC2 35691509	12.37	3 ^h 20 ^m 38.773 ^s 11°29'35.471"	46.4	143	119.5	-17.7	10.0	52.0	68.1	128
2022/01/11 23:58:39	5022 Roccapalumba	33.8	16.93	6.36	116	2.5	36°00'29" 49°01'02"	190	5.5	TYC 20400892	10.57	8 ^h 18 ^m 45.584 ^s 4°10'03.885"	40.4	210	159.2	-51.1	79.7	3.6	71.1	209
2022/01/12 00:11:34	10630 1998 BV12	7.1	17.89	6.39	210	0.6	37°38'04" 51°43'53"	27	0.8	TYC 186601421	11.51	5 ^h 50 ^m 44.314 ^s 25°04'15.618"	36.2	267	156.4	-49.3	41.5	1.7	71.2	180
2022/01/12 02:31:37	2066 Palala	21.6	15.77	2.50	95	1.8	35°22'11" 49°26'15"	224	5.1	UCAC2 39304947	13.38	7 ^h 28 ^m 03.867 ^s 21°12'24.345"	26.5	272	178.7	-27.6	62.8	-15.5	72.1	128
2022/01/12 03:06:16	2569 Madeline	28.1	17.12	4.44	233	0.9	35°02'08" 48°07'29"	203	2.8	UCAC2 26691879	12.70	15 ^h 47 ^m 53.521 ^s -14°18'40.733"	15.7	137	53.8	-22.0	169.0	-18.5	72.3	295
2022/01/12 03:34:26	1957 Angara	18.1	16.86	4.46	241	1.2	37°43'08" 52°00'51"	25	1.8	UCAC2 32208351	12.42	13 ^h 25 ^m 28.235 ^s 1°07'42.153"	41.3	180	92.2	-17.6	150.2	-20.5	72.4	232
2022/01/12 15:48:27	12819 Susumutakahasi	8.4	17.61	5.80	109	0.6	36°35'05" 49°05'08"	169	1.5	TYC 77100176	11.82	7 ^h 19 ^m 44.249 ^s 11°54'22.313"	12.7	87	169.6	-17.4	56.2	52.0	76.6	193
2022/01/12 16:34:58	1008 La Paz	38.6	16.26	11.82	8	1.8	36°23'48" 50°01'27"	108	11.8	HIP 3786	4.44	0 ^h 48 ^m 41.067 ^s 7°35'05.200"	42.9	215	82.0	-24.8	40.4	56.3	76.8	130
2022/01/12 17:24:37	4340 Dence	9.8	16.83	4.50	58	0.6	36°04'22" 50°32'56"	345	2.3	TYC 292801837	12.35	6 ^h 39 ^m 25.233 ^s 38°07'38.504"	52.8	89	159.4	-32.8	45.4	58.6	77.1	161
2022/01/12 18:48:42	791 Ani	103.5	14.51	1.08	37	6.5	36°25'12" 50°22'23"	15	18.1	UCAC2 37358440	13.94	8 ^h 32 ^m 24.423 ^s 15°52'49.623"	32.9	105	165.5	-45.9	70.9	55.9	77.6	223
2022/01/13 18:40:44	581 Tauntonia	63.7	14.73	2.05	111	5.0	36°35'48" 49°04'02"	169	11.2	UCAC2 42061291	12.86	10 ^h 17 ^m 26.159 ^s 29°03'50.059"	25.1	74	143.8	-44.5	78.6	62.1	84.8	190
2022/01/13 20:54:20	8654 1990 KC1	7.1	16.64	5.17	13	0.6	36°08'03" 49°59'20"	239	2.2	UCAC2 38948216	11.47	6 ^h 32 ^m 17.821 ^s 20°11'10.243"	60.1	190	164.0	-60.0	29.4	50.3	85.5	128
2022/01/14 01:33:47	4959 Niinoama	21.1	15.97	2.75	239	2.7	39°17'09" 51°02'20"	63	2.0	UCAC2 36472343	13.31	10 ^h 19 ^m 47.586 ^s 13°09'35.638"	50.4	209	141.5	-36.7	81.3	8.7	86.7	194
2022/01/14 01:36:52	856 Backlund	52.0	13.56	1.39	45	4.4	36°50'14" 50°15'07"	60	16.4	UCAC2 37709672	12.52	8 ^h 03 ^m 51.905 ^s 16°38'02.442"	36.2	251	173.0	-36.3	49.1	8.3	86.7	117
2022/01/14 14:00:55	1817 Katanga	15.9	15.15	2.60	35	1.2	36°25'50" 49°44'44"	163	4.2	UCAC2 41330064	12.66	5 ^h 29 ^m 31.588 ^s 27°17'30.275"	25.6	77	148.9	-1.1	7.0	27.8	89.8	147
2022/01/14 15:06:10	1701 Okavango	29.7	16.17	4.32	174	0.7	38°36'47" 49°36'16"	107	3.5	TYC 639200905	11.87	22 ^h 38 ^m 57.648 ^s -21°55'06.273"	11.0	215	40.5	-10.5	104.3	38.0	90.1	274

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}
2022/01/14 18:11:13	44443 UY19	12.1	17.11	3.31	124	0.8	36°17'36'' 51°09'46''	0	2.0 2.4	UCAC2 31845804	13.85	7 ^h 32 ^m 15.159 ^s 0°23'41.892''	24.9	123	158.9	-39.8	41.9	62.4	90.8	199
2022/01/14 21:10:25	4717 Kaneko	18.1	16.18	3.13	108	1.3	36°37'02'' 50°59'24''	13	3.2 3.7	UCAC2 42741740	13.12	6 ^h 53 ^m 27.987 ^s 31°07'15.309''	71.0	193	164.7	-60.7	22.1	56.5	91.4	195
2022/01/14 21:28:26	4139 Ul'yanin	11.2	17.54	5.19	16	0.7	36°23'03'' 50°10'45''	25	2.0 2.0	UCAC2 38610176	12.36	8 ^h 16 ^m 46.625 ^s 19°11'09.124''	58.0	159	172.3	-61.2	41.6	54.2	91.5	225
2022/01/14 23:48:05	4955 Gold	14.1	18.16	4.46	106	0.6	35°51'33'' 49°08'15''	197	1.8 1.9	UCAC2 28739047	13.72	14 ^h 39 ^m 02.511 ^s -8°40'19.900''	4.6	109	74.5	-52.2	137.7	33.5	92.0	299
2022/01/15 02:57:29	5183 Robyn	10.9	17.27	3.54	195	0.8	33°33'16'' 50°01'07''	269	1.3 2.3	UCAC2 23374854	13.77	12 ^h 19 ^m 40.655 ^s -21°08'17.916''	18.4	190	100.9	-23.2	109.6	5.8	92.7	186
2022/01/15 14:10:36	6898 Saint-Marys	10.2	16.63	4.29	154	0.8	37°17'42'' 48°49'40''	152	1.6 2.6	UCAC2 41005536	12.36	6 ^h 45 ^m 10.585 ^s 26°10'31.774''	15.3	67	164.7	-2.3	11.5	22.8	94.8	159
2022/01/15 16:22:37	18549 AD13	6.8	16.83	4.81	63	0.5	35°55'56'' 50°33'45''	336	1.8 2.0	TYC 193801065	12.03	8 ^h 03 ^m 18.049 ^s 28°21'30.177''	25.2	75	171.9	-22.2	27.7	43.3	95.1	136
2022/01/15 16:39:11	10195 Nebraska	11.1	16.85	3.57	60	1.5	36°59'21'' 49°45'21''	123	2.4 2.6	UCAC2 46669359	13.33	5 ^h 03 ^m 12.193 ^s 43°07'22.801''	65.5	93	139.2	-24.9	20.7	45.8	95.2	171
2022/01/15 17:09:20	16257 JY6	10.2	16.90	3.19	228	0.7	35°27'10'' 52°01'44''	345	1.0 2.4	UCAC2 37360248	13.77	8 ^h 57 ^m 10.211 ^s 15°43'54.460''	14.8	83	162.9	-29.7	42.3	50.3	95.3	171
2022/01/15 17:15:30	30712 4207 T-3	5.0	17.38	5.69	250	0.6	36°06'51'' 52°17'30''	357	0.2 1.5	UCAC2 38584442	11.69	6 ^h 19 ^m 45.077 ^s 19°08'56.651''	43.2	115	159.1	-30.7	8.1	51.2	95.3	131
2022/01/15 18:25:11	2262 Mitidika	11.0	17.66	5.67	172	1.6	36°42'22'' 48°31'27''	170	1.5 2.1	UCAC2 37184950	11.99	11 ^h 10 ^m 57.550 ^s 15°05'00.348''	5.3	73	131.8	-41.7	71.9	60.3	95.4	208
2022/01/15 21:37:41	1163 Saga	29.1	15.36	2.63	165	2.0	37°12'37'' 51°24'23''	24	4.1 5.9	UCAC2 38249289	12.84	7 ^h 59 ^m 44.559 ^s 18°17'35.289''	58.3	173	176.4	-61.2	26.4	60.2	96.0	198
2022/01/16 16:55:52	12150 Ruyter	10.3	16.80	3.40	185	0.9	37°56'30'' 48°47'08''	140	1.3 2.5	UCAC2 45157254	13.45	6 ^h 42 ^m 06.053 ^s 38°04'18.291''	50.3	86	156.9	-27.4	12.1	40.8	98.4	165
2022/01/16 17:43:38	9840 RQ2	10.0	17.91	7.08	58	1.0	35°48'40'' 49°37'45''	216	1.8 1.9	TYC 177300813	10.83	2 ^h 20 ^m 17.046 ^s 26°41'49.331''	60.8	226	105.0	-35.1	60.7	48.0	98.5	213
2022/01/16 20:03:35	9297 Marchuk	10.8	17.25	4.43	135	1.0	36°21'41'' 51°15'29''	2	1.8 2.3	UCAC2 35159424	12.84	5 ^h 45 ^m 43.564 ^s 9°35'35.734''	49.3	191	147.3	-54.9	24.3	64.7	98.7	187
2022/01/16 23:23:49	8247 Cheryl-hall	10.1	17.34	4.43	32	0.8	36°33'44'' 50°16'31''	38	2.1 2.1	UCAC2 38072832	12.93	9 ^h 07 ^m 38.803 ^s 17°50'51.745''	57.6	192	162.4	-54.9	28.9	53.3	98.9	192
2022/01/17 04:25:05	38997 UF26	5.2	16.37	4.54	141	0.6	38°14'41'' 49°53'26''	97	0.7 2.2	TYC 296401170	11.85	7 ^h 59 ^m 05.883 ^s 39°57'54.670''	24.3	304	160.7	-9.4	16.3	8.2	99.3	96
2022/01/17 19:54:47	34619 UX53	6.1	17.99	7.66	159	0.6	36°45'07'' 51°26'28''	12	0.9 1.4	TYC 188900626	10.33	6 ^h 12 ^m 42.983 ^s 28°35'46.676''	68.8	178	154.9	-53.7	22.7	58.1	99.8	170
2022/01/17 21:29:11	1065 Amundsenia	12.1	16.30	2.97	36	1.0	36°19'06'' 50°22'09''	4	3.0 3.1	UCAC2 43254751	13.40	6 ^h 28 ^m 08.515 ^s 32°31'23.487''	67.8	226	156.7	-60.7	20.9	65.0	99.9	156
2022/01/17 22:48:05	6346 Syukume-guri	10.0	17.33	3.82	126	0.8	35°29'02'' 49°02'22''	207	1.7 2.1	UCAC2 39127100	13.55	6 ^h 52 ^m 55.202 ^s 20°31'46.420''	51.1	233	164.7	-58.1	16.0	62.3	99.9	194

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}	
2022/01/18 02:15:31	29858 Tlomak	5.4	18.50	9.67	61	2.5	37°08'37" 50°05'53"	85	1.8	TYC 26900843	8.83	11 ^h 19 ^m 27.384 ^s 5°41'13.116"	43.4	205	129.2	-29.7	49.9	34.0	99.9	96	
2022/01/18 05:05:43	1872 Helenos	22.3	18.61	6.16	133	0.5	36°16'14" 48°51'10"	180	1.7	UCAC2 28259915	12.45	19 ^h 00 ^m 00.784 ^s -10°20'46.447"	13.2	124	17.6	-3.3	157.5	8.4	99.8	506	
2022/01/18 17:00:12	67108 2000 AB100	5.8	16.47	5.05	82	0.8	36°14'30" 50°47'04"	358	1.6	TYC 243000747	11.43	6 ^h 27 ^m 45.271 ^s 34°45'59.847"	52.6	96	154.9	-27.7	30.9	23.5	99.4	103	
2022/01/18 23:28:22	15 Eunomia	255.3	11.18	0.80	361	15.7	38°50'19" 52°52'34"	30	15.0	TYC 671400045	11.08	13 ^h 35 ^m 36.175 ^s -22°53'28.572"	1.4	129	88.0	-54.1	82.1	60.6	98.9	250	
2022/01/18 23:46:39	6618 Jimsi-mons	6.6	16.07	6.64	169	0.6	35°33'32" 51°29'27"	342	0.5	TYC 373101612	9.43	4 ^h 21 ^m 29.228 ^s 58°42'44.358"	42.6	315	125.1	-51.9	59.8	59.2	98.9	88	
2022/01/19 00:56:54	4664 Hanner	10.2	17.01	3.37	11	0.8	36°12'23" 49°57'36"	210	2.3	UCAC2 37893934	13.69	9 ^h 10 ^m 13.606 ^s 17°17'06.977"	48.9	229	163.8	-42.0	5.8	51.3	98.8	177	
2022/01/19 15:00:50	22709 1998 RR73	5.9	18.37	6.23	215	0.5	36°16'53" 51°58'44"	360	0.6	TYC 14001257	12.15	6 ^h 15 ^m 41.480 ^s 4°38'30.954"	14.2	100	149.1	-8.7	48.9	-2.8	97.3	181	
2022/01/19 15:09:18	1978 Patrice	8.3	16.66	7.44	158	0.6	37°31'21" 48°52'37"	146	1.3	TYC 195001938	9.22	9 ^h 06 ^m 08.026 ^s 23°27'30.932"	3.8	57	165.6	-10.0	5.8	-1.8	97.3	141	
2022/01/19 16:18:04	1881 Shao	31.2	16.58	3.33	205	2.1	36°11'23" 51°53'15"	358	3.7	UCAC2 34097653	13.30	7 ^h 58 ^m 50.261 ^s 6°47'13.439"	11.7	93	166.4	-20.7	25.6	7.5	97.1	213	
2022/01/19 18:41:56	4352 Kyoto	14.7	16.15	5.82	221	0.8	35°07'37" 51°53'45"	338	1.5	TYC 62300659	10.33	2 ^h 00 ^m 49.002 ^s 9°46'51.660"	35.0	239	92.2	-43.5	108.1	29.2	96.8	165	
2022/01/19 22:44:16	24752 1992 UN	6.1	19.11	7.47	125	1.3	35°39'30" 49°00'10"	201	0.9	TYC 26600851	11.64	11 ^h 18 ^m 06.685 ^s 4°16'07.550"	36.7	138	130.8	-58.1	27.6	58.3	96.2	219	
2022/01/20 01:41:36	838 Seraphina	59.8	15.18	1.67	18	5.5	36°22'26" 50°11'41"	21	12.1	UCAC2 31006876	13.77	9 ^h 51 ^m 08.494 ^s -2°05'31.120"	30.7	220	146.2	-35.0	20.6	48.7	95.7	195	
2022/01/20 17:22:58	4315 Pronik	19.4	18.37	4.83	8	1.9	36°22'37" 50°00'38"	122	3.1	UCAC2 46255625	13.56	5 ^h 05 ^m 52.072 ^s 41°36'24.307"	74.3	115	135.6	-31.0	71.4	6.7	92.7	251	
2022/01/20 18:23:19	1122 Neith	11.6	14.96	1.35	6	2.3	36°15'21" 49°59'44"	201	4.0	UCAC2 41858322	13.98	6 ^h 04 ^m 39.190 ^s 28°32'49.852"	64.4	139	150.2	-40.5	60.7	15.8	92.5	116	
2022/01/20 18:35:09	1065 Amundsenia	12.1	16.37	3.52	46	1.0	36°38'25" 49°41'55"	147	2.9	UCAC2 43082123	12.90	6 ^h 25 ^m 14.330 ^s 32°22'57.077"	66.6	131	153.5	-42.2	56.4	17.7	92.4	157	
2022/01/20 19:15:18	4201 Orosz	29.8	16.77	4.20	155	1.9	36°11'22" 48°39'09"	183	4.2	UCAC2 35384698	12.59	7 ^h 46 ^m 53.531 ^s 10°24'36.463"	42.8	136	168.8	-48.0	38.8	23.8	92.3	218	
2022/01/20 20:14:30	6993 1995 BJ4	11.0	16.81	3.17	42	1.2	36°08'29" 49°40'41"	194	2.5	UCAC2 39458013	13.70	6 ^h 15 ^m 10.679 ^s 21°52'25.687"	61.6	192	153.0	-55.2	59.7	32.8	92.0	171	
2022/01/20 23:11:03	4737 Kiladze	8.7	18.04	7.21	152	1.0	36°34'25" 48°41'52"	172	1.3	TYC 64400766	10.83	3 ^h 00 ^m 13.059 ^s 11°40'22.426"	3.0	285	105.4	-55.6	108.7	52.9	91.4	203	
2022/01/21 14:20:55	1030 Vitja	64.1	14.98	1.91	269	5.3	38°28'35" 48°06'22"	144	4.7	UCAC2 3239369	13.28	6 ^h 55 ^m 47.324 ^s 1°48'05.001"	0.4	88	153.7	-2.5	62.1	-24.5	87.5	179	
2022/01/21 16:12:57	4554 Fanyanka	24.5	17.38	5.43	118	2.5	35°33'49" 51°00'11"	334	3.7	TYC 130601474	11.96	5 ^h 39 ^m 04.734 ^s 19°24'30.565"	43.7	115	143.6	-19.5	78.9	-13.2	86.9	229	

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}
2022/01/21 16:41:07	12750 Berthollet	8.0	16.85	7.27	252	0.7	37°23'52" 47°54'21"	162	0.5	TYC 82200425	9.58	9 ^h 15 ^m 00.708 ^s 12°10'43.631"	8.6	81	163.5	-24.0	27.6	-9.6	86.8	145
2022/01/21 18:37:42	259 Aletheia	178.6	14.15	1.14	252	9.6	34°54'38" 52°08'41"	337	16.8	UCAC2 32644068	13.48	1 ^h 44 ^m 54.682 ^s 2°31'48.228"	26.3	239	83.9	-42.4	139.7	7.2	86.2	288
2022/01/21 19:35:53	17828 1998 HK8	5.0	18.66	6.76	52	0.6	36°14'13" 49°34'39"	184	1.1	UCAC2 40322108	11.91	6 ^h 09 ^m 01.076 ^s 24°17'11.695"	64.5	178	150.6	-50.6	73.3	16.1	85.9	183
2022/01/21 22:24:55	754 Malabar	87.6	13.76	1.95	279	7.0	39°54'33" 51°02'13"	67	5.4	UCAC2 27798090	12.01	6 ^h 52 ^m 04.415 ^s -11°07'39.816"	23.3	213	142.9	-58.9	69.6	39.9	85.1	168
2022/01/21 23:24:12	16151 1999 XF230	5.8	18.92	7.61	144	1.6	36°35'00" 51°19'41"	8	0.9	UCAC2 43747063	11.31	4 ^h 00 ^m 00.346 ^s 34°18'17.927"	26.4	293	122.2	-54.1	101.2	45.7	84.7	206
2022/01/22 15:08:05	9626 Stanley	5.2	16.53	5.21	69	1.0	36°46'14" 49°30'47"	150	1.7	TYC 189100489	11.33	6 ^h 31 ^m 16.887 ^s 28°19'08.338"	32.2	83	154.2	-9.2	78.6	-29.6	79.7	96
2022/01/22 17:47:47	1584 Fuji	21.7	14.16	3.31	177	1.5	33°51'56" 49°44'33"	259	2.2	UCAC2 47157986	10.90	4 ^h 06 ^m 24.476 ^s 45°10'17.325"	84.8	208	122.6	-34.5	105.3	-11.2	78.7	111
2022/01/22 19:01:02	1622 Cha-cornac	11.6	15.77	2.39	210	1.9	36°52'17" 48°11'57"	169	0.9	UCAC2 37364794	13.51	10 ^h 42 ^m 34.122 ^s 15°34'44.037"	20.2	90	145.6	-45.6	21.7	-0.4	78.3	125
2022/01/22 23:11:34	5098 Tom-solomon	6.6	16.44	4.71	30	0.6	36°34'40" 50°14'34"	44	2.1	UCAC2 35748770	11.75	8 ^h 22 ^m 40.454 ^s 11°10'37.218"	47.7	211	171.6	-55.2	56.3	35.1	76.7	120
2022/01/23 03:26:31	341 California	14.7	16.19	3.46	91	0.6	37°17'46" 50°33'14"	52	2.6	UCAC2 25776144	12.77	14 ^h 58 ^m 24.428 ^s -16°18'22.950"	22.6	165	75.9	-17.8	44.3	38.0	75.1	200
2022/01/23 15:45:24	3046 Moliere	20.4	18.25	4.71	39	0.8	36°35'48" 49°45'18"	146	3.1	UCAC2 31096132	13.56	0 ^h 52 ^m 09.121 ^s -1°34'57.303"	35.0	208	68.2	-14.7	176.6	-35.8	70.3	262
2022/01/23 18:35:26	25545 1999 XG164	5.4	17.16	6.94	244	0.7	37°45'38" 52°01'48"	26	0.2	TYC 188701074	10.22	6 ^h 31 ^m 58.345 ^s 28°04'48.816"	63.6	138	153.2	-41.6	93.5	-15.5	69.2	123
2022/01/24 02:55:04	2700 Baikonur	12.8	15.97	4.91	194	1.1	34°43'37" 48°37'57"	215	1.5	TYC 81800991	11.08	9 ^h 01 ^m 46.212 ^s 14°23'57.330"	25.1	263	169.8	-22.7	62.2	36.8	65.7	155
2022/01/24 14:08:51	25306 1998 XQ73	11.0	17.78	4.78	64	0.8	36°55'40" 49°39'03"	134	1.9	UCAC2 45815217	13.01	7 ^h 12 ^m 37.743 ^s 40°16'30.684"	26.5	58	153.6	-0.1	96.1	-45.2	60.9	224
2022/01/24 14:12:01	7494 Xiwang-gongcheng	11.0	16.96	6.51	154	1.1	34°49'20" 51°04'34"	318	1.7	TYC 187800037	10.45	6 ^h 21 ^m 10.462 ^s 22°33'38.059"	22.1	81	150.6	-0.5	107.0	-45.3	60.8	176
2022/01/24 16:09:45	1467 Mashona	112.0	14.33	2.13	71	6.7	37°08'00" 49°43'23"	121	17.8	UCAC2 45163721	12.36	7 ^h 38 ^m 23.398 ^s 38°04'17.145"	39.0	74	158.3	-18.4	92.1	-43.1	59.9	239
2022/01/24 17:15:56	4342 Freud	16.6	17.15	5.36	165	1.7	37°47'39" 48°56'24"	139	2.4	UCAC2 35756390	11.80	10 ^h 30 ^m 22.942 ^s 11°20'14.867"	3.4	76	149.3	-29.0	48.4	-37.0	59.5	179
2022/01/24 20:38:22	23955 Nishikota	5.6	19.20	9.18	89	0.6	36°19'36" 50°50'57"	2	0.9	TYC 143000952	10.02	11 ^h 07 ^m 01.596 ^s 16°45'36.076"	34.0	105	142.1	-56.5	44.5	-8.6	58.0	220
2022/01/24 21:18:24	7969 1997 RP3	8.6	17.17	5.22	213	0.7	35°23'22" 48°13'41"	198	0.9	TYC 140200206	11.96	9 ^h 15 ^m 06.338 ^s 15°57'25.146"	52.9	149	168.3	-58.8	69.6	-2.5	57.6	170
2022/01/25 00:03:32	5771 Somerville	22.8	16.65	4.11	147	2.1	35°38'54" 48°47'51"	198	3.7	UCAC2 39301677	12.56	7 ^h 10 ^m 41.177 ^s 21°26'34.663"	39.4	256	161.7	-48.8	101.2	20.1	56.3	166

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				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	Phase (%)	σ_{km}		
2022/01/25 04:11:00	4512 Sinuhe	14.9	14.49	1.75	37	1.7	35°48'31" 50°10'46"	293	5.2	UCAC2 38435892	12.98	9 ^h 41 ^m 39.291 ^s 18°47'45.214"	21.9	274	162.8	-10.5	68.3	29.6	54.5	107
2022/01/25 04:20:55	442 Eichsfeldia	65.7	14.85	1.74	40	1.6	36°20'03" 50°24'08"	5	11.2	UCAC2 24872535	13.35	17 ^h 08 ^m 39.554 ^s −18°10'26.317"	16.5	149	47.3	-9.0	47.8	29.1	54.4	229
2022/01/25 16:20:51	1546 Izsak	23.3	15.09	1.48	61	2.5	35°51'10" 49°34'51"	211	5.4	UCAC2 31640993	13.93	6 ^h 30 ^m 31.372 ^s 0° −20'54.975"	23.5	122	144.7	-19.9	116.7	-51.0	49.0	162
2022/01/25 23:28:15	10243 Hohe Meissner	5.8	17.01	5.07	60	0.8	36°27'12" 50°34'31"	11	1.7	UCAC2 40498631	11.95	6 ^h 44 ^m 54.807 ^s 24°48'02.197"	42.7	258	154.4	-52.9	120.7	4.7	45.5	123
2022/01/26 16:30:16	385 Ilmatar	91.5	13.71	3.31	275	3.1	37°10'50" 47°38'49"	167	8.0	TYC 59400381	10.45	0 ^h 10 ^m 01.758 ^s 9°06'52.125"	33.6	240	59.8	-21.2	134.6	-57.4	37.7	297
2022/01/26 17:13:21	4676 Ueda-seiji	8.1	16.22	4.88	98	0.8	36°11'28" 50°55'17"	356	1.9	TYC 18900653	11.35	7 ^h 56 ^m 52.752 ^s 5°28'05.414"	24.0	112	163.8	-28.1	110.4	-56.2	37.4	122
2022/01/26 23:41:30	373 Melusina	95.8	14.22	1.43	29	6.4	36°21'52" 50°17'56"	11	18.2	UCAC2 43616222	13.13	9 ^h 19 ^m 51.498 ^s 33°52'23.646"	69.4	226	161.8	-51.2	102.6	-4.9	34.4	207
2022/01/26 23:41:54	13335 Tobias-wolf	6.3	17.78	5.58	163	1.0	36°26'48" 51°30'14"	4	0.9	TYC 290901867	12.21	5 ^h 26 ^m 16.633 ^s 38°45'36.453"	36.7	289	134.3	-51.1	148.0	-4.8	34.3	157
2022/01/27 14:35:22	1734 Zhongolovich	28.5	16.03	2.28	128	5.4	36°35'32" 51°11'06"	10	5.2	UCAC2 35704938	13.89	5 ^h 43 ^m 46.364 ^s 11°27'28.452"	25.4	103	137.2	-3.2	154.7	-47.7	27.9	158
2022/01/27 15:01:59	207 Hedda	58.7	13.52	0.65	53	9.4	36°40'52" 49°38'55"	148	17.4	UCAC2 42036034	13.73	6 ^h 13 ^m 45.915 ^s 29°24'20.026"	38.0	88	145.2	-7.1	150.6	-51.3	27.6	121
2022/01/27 15:51:43	4181 Kivi	10.2	15.58	2.11	101	1.0	36°21'17" 50°57'21"	3	2.4	UCAC2 34446308	13.63	7 ^h 18 ^m 43.434 ^s 7°55'34.326"	19.8	102	157.8	-14.8	132.6	-57.0	27.3	113
2022/01/27 16:15:02	4229 Plevit-skaya	6.0	15.89	4.20	146	1.1	36°13'52" 48°43'59"	182	0.7	UCAC2 37343230	11.72	7 ^h 00 ^m 19.144 ^s 15°34'01.761"	32.3	105	156.2	-18.5	139.5	-59.1	27.1	88
2022/01/27 17:21:30	2148 Epeios	22.5	18.43	5.94	69	1.6	35°46'57" 50°34'53"	329	2.2	UCAC2 34041270	12.49	2 ^h 25 ^m 06.866 ^s 6°42'09.477"	41.2	217	88.8	-29.2	149.7	-61.9	26.6	409
2022/01/27 17:57:20	138 Tolosa	45.5	13.04	4.11	254	4.5	35°37'52" 52°17'26"	349	0.4	HIP 32194	8.95	6 ^h 43 ^m 14.797 ^s 26°56'23.658"	58.6	126	151.9	-34.9	146.1	-61.2	26.3	88
2022/01/27 18:43:16	24473 2000 UK98	6.8	16.13	5.72	109	0.7	35°57'08" 51°00'07"	347	1.5	TYC 195201172	10.42	9 ^h 24 ^m 18.941 ^s 24°12'10.199"	39.4	99	168.1	-41.9	110.3	-58.1	26.0	107
2022/01/27 23:30:33	13583 Bosret	5.9	18.03	7.25	150	0.6	37°20'39" 51°13'12"	30	0.9	TYC 190100288	10.78	6 ^h 47 ^m 18.628 ^s 26°46'00.564"	42.9	261	152.6	-52.2	148.6	-18.0	23.9	164
2022/01/27 23:30:37	3799 Novgorod	11.7	17.69	5.77	240	0.6	34°23'45" 48°16'50"	214	1.2	TYC 557500688	11.93	14 ^h 30 ^m 25.016 ^s −13°47'57.747"	6.7	121	88.0	-52.2	29.6	-17.9	23.9	228
2022/01/28 00:48:44	25983 2001 FR57	7.3	17.22	8.01	131	0.8	35°03'60" 49°10'14"	222	1.3	TYC 378400295	9.21	7 ^h 09 ^m 38.955 ^s 55°18'47.129"	49.9	305	139.1	-42.0	136.6	-6.8	23.4	144
2022/01/28 04:53:08	93 Minerva	141.0	13.13	0.63	50	3.4	36°58'54" 50°01'28"	93	21.6	UCAC2 19718370	13.39	17 ^h 21 ^m 33.759 ^s −29°11'16.476"	8.2	160	46.7	-3.7	10.3	15.7	21.7	252
2022/01/28 14:34:28	430 Hybris	33.3	16.26	3.11	7	0.8	36°22'46" 50°02'53"	89	5.5	UCAC2 34211251	13.21	23 ^h 24 ^m 54.298 ^s 6°55'13.825"	39.6	222	47.2	-2.8	96.6	-41.3	18.0	243

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}	
2022/01/28 16:38:45	1122 Neith	11.6	15.20	2.20	111	4.2	35°48'24" 50°59'48"	342	2.5 3.8	UCAC2 41857044	13.16	6 ^h 00 ^m 59.650 ^s 28°33'56.512"	55.3	114	141.5	-22.1	168.7	-58.5	17.3	122	
2022/01/28 19:40:32	5924 Terno	6.9	18.07	8.35	44	0.5	36°26'05" 49°39'53"	166	1.5 1.5	TYC 64600381	9.72	2 ^h 48 ^m 22.580 ^s 12°57'01.107"	30.7	252	95.0	-49.5	141.9	-61.2	16.1	179	
2022/01/28 20:54:14	14220 Alexgibbs	10.3	18.14	5.09	111	0.7	37°15'56" 50°49'24"	39	1.6 1.7	UCAC2 40802245	13.06	2 ^h 31 ^m 02.764 ^s 25°57'46.253"	25.7	280	95.0	-56.6	140.9	-52.6	15.6	235	
2022/01/28 22:05:44	15123 EP36	2000	17.24	5.20	154	0.7	35°36'49" 48°43'58"	198	1.3 1.9	TYC 140500704	12.05	9 ^h 19 ^m 43.084 ^s 18°07'33.396"	58.2	173	171.6	-58.0	126.3	-42.2	15.2	177	
2022/01/28 22:35:21	3784 Chopin	28.5	16.92	3.89	195	2.6	38°06'26" 51°21'41"	42	3.5 5.2	UCAC2 39148898	13.07	11 ^h 25 ^m 53.353 ^s 20°38'30.595"	53.3	133	141.9	-56.8	99.5	-37.7	15.0	219	
2022/01/28 22:44:18	33229 FC124	1998	17.98	6.75	5	0.9	36°19'30" 50°05'02"	34	1.6 1.6	UCAC2 47053241	11.23	5 ^h 41 ^m 11.711 ^s 44°38'13.440"	49.9	286	133.6	-56.2	160.5	-36.3	14.9	167	
2022/01/29 05:02:22	1112 Polonia	35.8	16.25	4.14	252	0.9	34°05'21" 48°17'36"	219	3.2 4.4	UCAC2 19726411	12.13	17 ^h 37 ^m 50.060 ^s -29°07'07.494"	8.1	159	44.1	-2.2	4.0	10.7	12.8	325	
2022/01/29 14:37:20	19557 JC79	1999	17.59	6.52	151	0.6	38°22'34" 49°50'40"	99	1.4 2.0	TYC 6400897	11.08	3 ^h 38 ^m 54.628 ^s 1°55'55.377"	35.6	142	102.9	-3.0	135.6	-33.1	9.8	181	
2022/01/29 17:08:42	6000 Nations	United	16.10	4.65	88	2.5	35°36'17" 50°42'42"	327	3.0 3.5	TYC 292901954	11.46	6 ^h 00 ^m 42.783 ^s 40°23'28.267"	68.5	106	137.7	-26.7	165.2	-55.6	9.1	150	
2022/01/30 00:14:58	46670 NU	1996	16.91	4.41	158	0.7	38°07'59" 50°50'45"	56	1.6 2.3	UCAC2 33745129	12.52	8 ^h 15 ^m 21.179 ^s 5°58'07.959"	32.0	237	165.6	-46.4	149.5	-33.0	7.1	175	
2022/01/30 00:26:29	333 Badenia	78.2	14.96	2.64	32	8.4	36°31'47" 50°17'05"	33	13.8 14.0	UCAC2 33934696	12.42	11 ^h 13 ^m 42.984 ^s 6°27'22.601"	46.5	185	142.9	-44.8	112.3	-31.2	7.1	222	
2022/01/30 00:53:02	2418 Voskovec-Werich	8.9	17.16	4.46	197	2.2	34°52'03" 48°32'27"	211	1.0 2.2	TYC 186700375	12.71	5 ^h 59 ^m 10.609 ^s 25°13'48.108"	19.7	286	140.0	-41.0	170.1	-27.2	6.9	160	
2022/01/30 02:25:08	842 Kerstin	39.2	15.99	2.34	98	3.9	35°22'09" 49°23'43"	222	6.7 7.4	UCAC2 46550486	13.78	6 ^h 23 ^m 36.485 ^s 42°32'08.919"	22.8	310	140.4	-26.6	163.1	-13.6	6.6	211	
2022/01/30 14:46:14	20020 VT	1991	17.30	5.79	54	0.6	35°38'24" 50°18'12"	302	1.8 1.9	TYC 298301408	11.51	9 ^h 03 ^m 05.737 ^s 38°51'49.535"	19.0	52	158.5	-4.1	154.8	-24.3	3.9	157	
2022/01/30 17:28:50	24324 AT51	2000	17.53	5.69	12	0.7	36°20'44" 50°08'47"	21	1.9 1.9	UCAC2 42403785	11.85	8 ^h 06 ^m 12.809 ^s 30°01'43.886"	45.9	96	163.7	-29.7	170.5	-49.0	3.4	199	
2022/01/30 18:45:12	33123 BG31	1998	18.43	7.96	155	0.8	37°27'36" 48°52'56"	147	0.9 1.3	TYC 187401551	10.47	5 ^h 49 ^m 05.034 ^s 29°16'59.625"	69.5	181	136.7	-41.5	157.1	-59.1	3.2	183	
2022/01/30 19:36:07	3445 Pinson	17.8	16.84	3.19	93	2.9	35°14'17" 50°32'28"	306	3.8 4.6	UCAC2 44455112	13.70	5 ^h 22 ^m 49.050 ^s 36°21'04.485"	70.5	233	130.4	-48.4	150.2	-63.9	3.0	156	
2022/01/30 20:40:54	2236 Austria-sia	10.9	16.69	3.00	61	0.9	36°15'20" 50°35'35"	358	2.5 2.7	UCAC2 44478059	13.76	7 ^h 32 ^m 09.644 ^s 36°14'52.108"	76.2	192	154.2	-55.1	169.3	-65.7	2.9	162	
2022/01/30 21:53:18	17120 JP60	1999	18.07	6.11	72	0.7	36°45'01" 50°37'32"	27	1.4 1.5	TYC 189501943	11.96	7 ^h 00 ^m 28.014 ^s 23°14'35.731"	54.8	232	153.2	-57.7	170.8	-61.3	2.7	184	
2022/01/31 14:32:19	19705 TR10	1999	18.26	6.43	254	2.3	34°48'30" 47°59'06"	205	0.7 1.5	TYC 238000059	11.84	4 ^h 28 ^m 51.170 ^s 34°03'02.633"	55.6	101	118.7	-1.8	128.1	-11.5	0.7	210	

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				
		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}	
2022/01/31 18:09:18	14069 Krashenin- nikov	8.2	18.03	5.65	4	0.7	36°20'16'' 50°02'51''	90	1.6 1.6	TYC 341301715	12.39	7 ^h 50 ^m 57.271 ^s 51°34'05.139''	66.1	72	143.3	-35.8	150.7	-43.9	0.5	198	
2022/01/31 18:35:28	39116 2000 WJ33	5.2	18.56	6.99	36	0.5	36°06'40'' 49°44'41''	200	1.1 1.1	UCAC2 34080295	11.57	6 ^h 58 ^m 36.593 ^s 6°45'19.943''	44.2	154	149.5	-39.8	151.5	-47.7	0.5	179	
2022/01/31 20:37:28	165531 2001 CD37	9.0	20.68	9.11	195	0.5	36°34'03'' 48°18'17''	174	0.7 0.8	UCAC2 32811549	11.57	2 ^h 17 ^m 56.064 ^s 3°12'04.207''	7.5	266	81.8	-54.5	86.2	-61.3	0.4	453	
2022/01/31 20:41:35	14069 Krashenin- nikov	8.2	18.03	5.73	19	0.7	36°14'24'' 49°52'44''	190	1.6 1.6	TYC 341301772	12.31	7 ^h 50 ^m 50.080 ^s 51°34'03.284''	88.2	359	143.3	-54.9	149.9	-61.6	0.4	198	
2022/01/31 20:53:11	2400 Derevskaya	12.5	17.23	3.41	187	1.1	37°59'07'' 51°19'54''	40	1.6 2.4	UCAC2 35363253	13.87	6 ^h 43 ^m 19.536 ^s 10°28'02.252''	47.4	209	147.0	-55.7	149.2	-62.2	0.4	205	
2022/01/31 22:12:13	13557 Lievetruwant	7.3	18.57	8.14	192	0.9	38°35'47'' 50°56'35''	59	0.9 1.4	TYC 130200113	10.43	5 ^h 43 ^m 45.079 ^s 18°42'32.248''	36.9	254	134.2	-57.0	137.7	-62.1	0.3	211	