

## 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 2.4.0 BETA  
Author: Plekhanov Andrey andyplekhanov@gmail.com  
Events number: 65

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 2.4.0 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 (%)	$\sigma_{km}$
2021/04/02 19:44:42	3013 Dobrovoleva	11.0	17.25	4.55	67	1.3	35°51'32'' 49°30'46''	207	3.8 5.4	UCAC4 371-67047	12.71	14 <sup>h</sup> 17 <sup>m</sup> 20.703 <sup>s</sup> -15°58'45.598''	10.5	131	155.5	-29.9	44.9	-23.1	67.8	81
2021/04/03 01:26:42	3983 Sakiko	16.4	15.31	3.34	115	2.0	36°01'26'' 49°01'30''	189	2.7 8.7	UCAC4 418-55918	12.03	12 <sup>h</sup> 27 <sup>m</sup> 09.452 <sup>s</sup> -6°25'38.273''	12.0	245	174.5	-16.0	77.0	14.3	65.1	75
2021/04/03 23:08:58	4337 Arecibo	11.2	17.76	4.28	143	1.1	36°33'24'' 48°46'45''	172	1.9 3.2	UCAC4 327-117578	13.50	17 <sup>h</sup> 57 <sup>m</sup> 01.867 <sup>s</sup> -24°41'44.697''	1.7	133	104.8	-31.1	9.1	-3.8	55.1	141
2021/04/04 02:25:30	2934 Aristophanes	27.4	17.28	6.05	183	2.0	38°06'03'' 48°53'55''	135	3.4 7.4	TYC 6265-650-1	11.23	18 <sup>h</sup> 22 <sup>m</sup> 24.878 <sup>s</sup> -15°21'08.202''	24.1	169	98.7	-7.0	11.4	13.4	53.7	148
2021/04/04 03:04:50	3036 Krat	42.4	15.63	2.87	203	2.6	35°33'24'' 48°17'23''	195	4.7 10.9	UCAC4 487-53655	12.84	12 <sup>h</sup> 29 <sup>m</sup> 58.856 <sup>s</sup> 7°16'07.867''	7.1	273	165.9	-0.8	97.0	14.5	53.3	155
2021/04/04 19:48:07	283 Emma	148.1	14.61	1.37	110	5.2	35°28'52'' 49°12'18''	212	26.3 31.2	UCAC4 582-15196	13.60	5 <sup>h</sup> 17 <sup>m</sup> 51.641 <sup>s</sup> 26°19'04.246''	21.6	286	65.6	-29.5	150.5	-41.5	45.7	184
2021/04/04 21:07:12	1029 La Plata	20.8	16.41	2.90	139	1.1	34°59'02'' 49°07'42''	222	3.6 5.5	UCAC4 578-33399	13.59	6 <sup>h</sup> 43 <sup>m</sup> 07.779 <sup>s</sup> 25°34'38.667''	22.0	284	84.7	-33.9	168.9	-29.3	45.1	149
2021/04/04 21:39:28	2763 Jeans	11.4	17.66	4.07	68	0.6	35°30'59'' 49°41'21''	234	2.8 3.2	UCAC4 568-33332	13.61	6 <sup>h</sup> 46 <sup>m</sup> 53.907 <sup>s</sup> 23°25'48.246''	16.0	288	85.7	-34.2	169.3	-24.3	44.9	142
2021/04/04 23:39:13	1266 Tone	73.3	14.43	1.19	172	5.9	34°18'16'' 50°56'39''	305	9.6 21.6	UCAC4 290-70206	13.68	13 <sup>h</sup> 16 <sup>m</sup> 50.251 <sup>s</sup> -32°07'42.295''	4.9	201	153.3	-28.2	81.3	-7.0	43.9	133
2021/04/05 02:34:59	4649 Sumoto	16.4	17.07	4.09	117	0.9	35°16'02'' 49°14'04''	219	3.2 4.4	UCAC4 330-188347	13.01	19 <sup>h</sup> 15 <sup>m</sup> 12.580 <sup>s</sup> -24°07'53.028''	13.8	161	88.1	-5.2	7.0	11.5	42.6	149
2021/04/05 19:12:39	3211 Louis-pharailda	32.5	17.48	4.05	214	1.4	34°17'46'' 48°37'48''	222	2.2 10.9	UCAC4 595-35002	13.45	6 <sup>h</sup> 42 <sup>m</sup> 55.481 <sup>s</sup> 28°56'05.189''	42.0	267	83.5	-25.8	156.3	-53.4	35.4	119
2021/04/05 20:25:21	4746 Doi	11.7	17.31	3.39	229	0.8	38°12'52'' 51°42'38''	37	1.0 3.2	UCAC4 420-57162	13.97	12 <sup>h</sup> 59 <sup>m</sup> 41.541 <sup>s</sup> -6°07'27.721''	31.9	159	179.8	-31.8	107.6	-43.1	34.9	149
2021/04/05 23:57:33	329 Svea	77.8	13.67	0.94	122	9.0	37°57'29'' 50°17'18''	77	14.2 33.1	UCAC4 430-64566	13.33	16 <sup>h</sup> 33 <sup>m</sup> 04.452 <sup>s</sup> -4°02'29.529''	33.9	158	126.8	-26.0	61.6	-10.5	33.5	91
2021/04/06 00:00:37	4254 Kamel	12.6	15.88	3.75	247	0.9	32°59'23'' 49°26'29''	254	0.2 5.1	TYC 4947-285-1	12.16	12 <sup>h</sup> 28 <sup>m</sup> 36.866 <sup>s</sup> -7°02'52.650''	21.6	228	172.3	-25.7	115.9	-10.1	33.4	98
2021/04/06 00:42:05	3177 Chilli-cothe	13.8	17.15	3.46	160	1.8	34°05'53'' 49°46'02''	259	2.0 4.1	UCAC4 289-120022	13.74	17 <sup>h</sup> 13 <sup>m</sup> 26.819 <sup>s</sup> -32°20'48.335''	6.3	166	115.7	-20.9	46.1	-4.3	33.0	134
2021/04/06 02:25:01	667 Denise	81.3	15.71	3.57	19	6.9	36°01'19'' 50°05'06''	283	17.2 17.3	UCAC4 474-69071	12.18	18 <sup>h</sup> 01 <sup>m</sup> 12.307 <sup>s</sup> 4°37'24.654''	44.7	176	104.0	-6.4	47.8	8.0	32.4	187
2021/04/07 00:24:25	12929 1999 TZ1	31.3	17.83	5.59	102	1.3	34°55'57'' 49°46'44''	253	3.9 4.1	UCAC4 548-73719	12.25	18 <sup>h</sup> 32 <sup>m</sup> 31.369 <sup>s</sup> 19°25'28.240''	46.0	119	94.9	-22.7	58.8	-11.8	23.8	302
2021/04/07 00:45:01	139 Juewa	156.6	12.93	1.00	171	14.7	35°12'58'' 48°40'25''	207	19.8 49.2	UNKNOWN- KNOWN	12.47	18 <sup>h</sup> 10 <sup>m</sup> 05.226 <sup>s</sup> -35°38'01.360''	0.5	156	104.7	-20.2	47.2	-8.7	23.6	118
2021/04/07 22:25:28	5293 Bentengahama	14.5	16.75	4.66	235	0.6	38°37'01'' 51°33'21''	45	0.9 4.4	UCAC4 574-24507	12.10	6 <sup>h</sup> 09 <sup>m</sup> 49.504 <sup>s</sup> 24°41'44.014''	3.3	306	74.2	-32.1	121.5	-34.7	16.3	132
2021/04/07 23:40:53	1493 Sigrid	24.4	16.43	2.54	52	1.8	36°56'19'' 49°50'11''	117	8.5 9.8	UCAC4 318-180360	14.00	18 <sup>h</sup> 21 <sup>m</sup> 47.977 <sup>s</sup> -26°31'16.445''	2.7	139	103.2	-26.9	56.4	-23.0	15.9	100

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 2		LinOccult 2.4.0 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 (%)	$\sigma_{km}$	
2021/04/07 23:42:24	4772 Frankdrake	28.8	17.72	4.83	12	3.9	36°07'15" 50°02'59"	271	7.4	UCAC4 377-90580	12.90	17 <sup>h</sup> 40 <sup>m</sup> 36.401 <sup>s</sup> −14°40'41.686"	17.8	143	112.5	-26.7	67.3	-22.8	15.9	155	
2021/04/08 19:50:15	3860 Plovdiv	15.1	17.63	4.04	130	0.7	37°16'14" 51°02'07"	33	2.6	UCAC4 564-27102	13.62	6 <sup>h</sup> 25 <sup>m</sup> 44.892 <sup>s</sup> 22°38'16.115"	26.9	274	77.0	-28.3	113.8	-51.6	10.3	171	
2021/04/08 19:50:41	1725 CrAO	17.7	17.18	5.80	159	0.8	37°16'57" 51°19'47"	27	2.7	UCAC4 566-28731	11.39	6 <sup>h</sup> 34 <sup>m</sup> 05.369 <sup>s</sup> 23°04'24.551"	28.5	273	78.9	-28.4	115.8	-51.6	10.3	166	
2021/04/08 21:47:34	3684 Berry	12.4	17.93	6.40	34	0.6	36°33'00" 50°18'17"	33	4.8	TYC 1903-1769-1	11.54	7 <sup>h</sup> 03 <sup>m</sup> 32.329 <sup>s</sup> 27°29'33.149"	17.9	292	85.1	-32.6	121.4	-42.3	9.8	98	
2021/04/09 01:27:04	1016 Anitra	13.5	16.79	3.21	74	0.8	37°09'40" 50°23'55"	58	3.7	UCAC4 307-258990	13.64	19 <sup>h</sup> 20 <sup>m</sup> 06.246 <sup>s</sup> −28°40'19.210"	5.6	150	91.5	-13.9	57.0	-9.7	8.9	121	
2021/04/09 02:28:44	569 Misa	73.0	15.63	3.30	265	15.2	37°03'19" 52°22'59"	12	3.8	UCAC4 327-116996	12.39	17 <sup>h</sup> 55 <sup>m</sup> 54.855 <sup>s</sup> −24°36'49.378"	15.4	182	110.1	-4.8	76.3	-0.1	8.6	143	
2021/04/09 20:48:40	2715 Mielikki	13.1	17.20	3.57	142	0.7	35°36'14" 48°51'11"	200	2.2	UCAC4 531-35182	13.67	6 <sup>h</sup> 56 <sup>m</sup> 24.494 <sup>s</sup> 16°03'03.764"	16.9	275	83.7	-31.5	108.0	-46.0	4.9	160	
2021/04/10 23:08:19	898 Hildegard	15.0	16.22	8.94	41	1.5	35°45'32" 50°11'34"	293	3.8	HIP 51837	7.28	10 <sup>h</sup> 35 <sup>m</sup> 25.251 <sup>s</sup> −5°21'42.400"	12.2	246	139.7	-28.5	148.8	-33.4	1.4	152	
2021/04/11 01:58:48	32430 2000 RQ83	13.4	19.52	5.59	97	5.3	37°31'05" 50°25'32"	64	1.8	UCAC4 332-93353	13.94	17 <sup>h</sup> 10 <sup>m</sup> 32.813 <sup>s</sup> −23°47'12.298"	16.0	187	122.4	-8.6	110.8	-10.0	1.2	275	
2021/04/12 02:12:51	6794 Masu-isakura	17.8	17.28	4.40	64	1.3	35°28'16" 49°49'14"	247	4.0	UCAC4 273-190122	12.90	18 <sup>h</sup> 56 <sup>m</sup> 02.705 <sup>s</sup> −35°26'22.885"	3.7	169	100.2	-6.2	99.2	-9.9	0.1	164	
2021/04/13 21:22:36	2277 Moreau	12.6	16.83	3.67	132	0.6	37°29'37" 50°57'25"	40	2.3	UCAC4 591-40881	13.20	7 <sup>h</sup> 21 <sup>m</sup> 55.053 <sup>s</sup> 28°01'13.696"	21.9	288	84.2	-30.8	65.2	-23.6	2.9	120	
2021/04/14 02:44:11	5676 Voltaire	10.6	17.16	3.31	162	0.6	38°08'15" 49°13'40"	125	1.4	UCAC4 407-114436	13.90	19 <sup>h</sup> 16 <sup>m</sup> 08.155 <sup>s</sup> −8°39'19.130"	30.9	169	94.6	-0.8	116.4	-9.2	3.7	116	
2021/04/14 19:08:37	2425 Shen-zhen	17.8	17.48	3.64	36	0.8	36°43'08" 50°12'34"	60	3.8	UCAC4 614-37140	13.88	6 <sup>h</sup> 53 <sup>m</sup> 13.116 <sup>s</sup> 32°38'55.703"	41.1	274	76.8	-22.6	48.4	-1.6	6.4	181	
2021/04/15 20:38:44	854 Frostia	13.2	17.19	5.41	155	0.8	35°31'19" 48°45'00"	201	2.0	UCAC4 532-41116	11.79	7 <sup>h</sup> 32 <sup>m</sup> 46.516 <sup>s</sup> 16°20'11.653"	20.8	271	86.5	-29.0	45.9	-4.3	12.2	136	
2021/04/15 21:23:21	3406 Omsk	13.6	15.35	2.22	205	2.1	33°57'29" 48°59'35"	235	0.3	UCAC4 311-78011	13.28	15 <sup>h</sup> 01 <sup>m</sup> 47.975 <sup>s</sup> −27°56'46.398"	9.2	159	152.9	-30.1	160.8	-9.1	12.4	83	
2021/04/15 22:31:32	1831 Nicholson	17.8	17.41	6.42	118	0.9	37°31'21" 50°45'29"	48	3.6	TYC 1917-2466-1	11.00	7 <sup>h</sup> 16 <sup>m</sup> 22.956 <sup>s</sup> 27°17'23.363"	9.3	302	81.1	-28.8	39.8	-14.9	12.7	124	
2021/04/16 00:02:29	1547 Nele	23.7	16.67	2.93	45	2.2	35°40'55" 50°09'04"	285	4.5	UCAC4 319-216153	13.81	19 <sup>h</sup> 26 <sup>m</sup> 33.868 <sup>s</sup> −26°19'39.740"	1.6	136	96.6	-21.9	138.7	-18.6	13.1	206	
2021/04/18 01:12:43	2124 Nissen	13.9	16.73	3.16	232	3.0	39°32'01" 50°01'21"	91	0.7	UCAC4 312-113844	13.63	17 <sup>h</sup> 23 <sup>m</sup> 25.583 <sup>s</sup> −27°44'59.090"	12.3	180	125.9	-12.8	168.8	-14.1	28.8	120	
2021/04/18 19:32:47	8294 Takayuki	12.6	16.34	4.49	169	1.0	38°07'14" 51°01'28"	50	1.4	UCAC4 359-65704	11.87	13 <sup>h</sup> 50 <sup>m</sup> 38.301 <sup>s</sup> −18°16'11.732"	16.5	149	172.6	-23.7	110.6	29.7	35.6	113	
2021/04/18 20:25:46	3760 Poutanen	10.2	15.22	2.42	121	1.9	35°44'12" 49°00'59"	199	1.1	UCAC4 451-58873	12.93	15 <sup>h</sup> 31 <sup>m</sup> 30.300 <sup>s</sup> 0°03'53.274"	28.2	129	151.7	-27.4	124.9	21.6	35.9	64	

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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 (%)	$\sigma_{km}$
2021/04/19 22:22:15	1132 Hollandia	34.2	14.46	2.62	213	7.5	39°05'30" 49°26'13"	109	0.5 17.0	TYC 6783-739-1	11.94	15 <sup>h</sup> 59 <sup>m</sup> 46.601 <sup>s</sup> -24°38'48.882"	13.4	162	146.7	-27.8	127.3	11.5	46.6	80
2021/04/20 16:37:07	35 Leukothea	103.1	11.87	0.54	35	16.9	36°15'03" 49°44'09"	184	45.4 49.5	UCAC4 418-55452	12.34	12 <sup>h</sup> 10 <sup>m</sup> 13.144 <sup>s</sup> -6°35'52.374"	19.9	128	154.0	-1.2	60.5	62.8	54.2	77
2021/04/20 21:39:25	1886 Lowell	20.7	15.71	2.83	118	1.9	36°00'46" 49°00'03"	190	3.8 9.6	UCAC4 470-50173	12.97	14 <sup>h</sup> 38 <sup>m</sup> 53.380 <sup>s</sup> 3°50'21.082"	43.3	167	160.9	-28.4	86.9	24.1	56.4	86
2021/04/20 22:49:05	503 Evelyn	81.7	14.28	2.92	59	17.5	36°25'53" 50°34'12"	10	23.7 26.6	UCAC4 339-86906	11.44	17 <sup>h</sup> 07 <sup>m</sup> 58.610 <sup>s</sup> -22°17'32.605"	13.3	152	132.8	-26.1	129.3	13.4	56.8	120
2021/04/20 23:12:01	4783 Wasson	11.3	18.85	4.99	209	2.6	35°16'21" 48°17'26"	200	1.0 3.2	UCAC4 380-129642	13.87	18 <sup>h</sup> 47 <sup>m</sup> 14.963 <sup>s</sup> -14°02'33.701"	13.3	132	109.0	-24.6	149.7	10.1	57.1	139
2021/04/22 00:39:15	3177 Chiliothea	13.8	16.89	4.94	226	1.7	33°07'07" 50°06'54"	272	0.8 4.4	UCAC4 281-115218	11.96	17 <sup>h</sup> 11 <sup>m</sup> 15.695 <sup>s</sup> -33°59'00.271"	6.1	179	131.1	-15.8	117.4	2.2	67.9	125
2021/04/22 17:29:19	367 Amicitia	19.1	15.27	3.09	45	0.5	36°21'37" 49°38'54"	173	5.4 5.7	UCAC4 574-20620	12.25	5 <sup>h</sup> 53 <sup>m</sup> 33.921 <sup>s</sup> 24°38'46.804"	37.0	265	56.0	-8.3	63.6	55.2	74.7	134
2021/04/22 21:32:10	2019 van Al-bada	17.3	17.10	6.15	144	1.4	35°33'47" 48°50'41"	201	2.7 6.0	UCAC4 521-46783	10.95	8 <sup>h</sup> 34 <sup>m</sup> 28.451 <sup>s</sup> 14°00'52.064"	15.9	273	94.7	-27.7	28.7	35.2	76.3	115
2021/04/23 17:00:36	2989 Imago	14.5	18.44	5.92	131	0.5	37°10'56" 51°04'30"	29	2.6 3.8	UCAC4 578-32944	12.52	6 <sup>h</sup> 41 <sup>m</sup> 09.244 <sup>s</sup> 25°25'32.669"	48.9	250	65.8	-4.0	66.4	45.2	83.6	153
2021/04/25 17:20:58	379 Huenna	92.3	15.03	1.76	27	2.3	36°33'35" 49°52'44"	134	16.9 17.1	UCAC4 556-10933	13.50	4 <sup>h</sup> 47 <sup>m</sup> 08.487 <sup>s</sup> 21°01'36.459"	23.1	276	37.6	-6.4	122.2	25.2	96.8	214
2021/04/25 22:49:02	651 Antikleia	33.0	15.33	1.96	68	4.0	37°11'45" 49°51'31"	108	8.4 9.5	UCAC4 307-93578	13.57	16 <sup>h</sup> 49 <sup>m</sup> 11.595 <sup>s</sup> -28°44'50.092"	9.4	163	140.8	-24.5	56.6	29.1	97.7	138
2021/04/26 01:55:30	1503 Kuopio	18.4	15.13	1.82	258	5.1	38°31'26" 48°15'08"	141	0.4 6.6	UCAC4 255-127240	13.53	17 <sup>h</sup> 43 <sup>m</sup> 49.068 <sup>s</sup> -39°08'24.939"	0.1	190	127.3	-4.4	68.0	3.8	98.2	111
2021/04/27 00:32:54	5292 Mackwell	13.1	16.14	2.46	98	1.1	35°52'05" 49°12'52"	198	3.2 5.2	UCAC4 449-58430	13.80	15 <sup>h</sup> 30 <sup>m</sup> 54.186 <sup>s</sup> 0° - 20°22.145"	34.7	213	157.4	-15.0	21.4	17.7	99.9	101
2021/04/27 17:21:24	1783 Albitskij	21.4	17.25	4.32	207	0.5	35°13'31" 48°19'09"	202	2.5 4.4	UCAC4 521-13347	12.95	5 <sup>h</sup> 32 <sup>m</sup> 23.573 <sup>s</sup> 14°02'36.525"	23.9	263	46.6	-6.0	141.9	0.6	99.5	193
2021/04/27 17:42:00	6670 Wallach	10.5	16.66	4.23	199	0.9	36°10'02" 51°49'54"	358	0.6 4.2	UCAC4 528-57994	12.46	15 <sup>h</sup> 00 <sup>m</sup> 28.381 <sup>s</sup> 15°26'14.475"	26.3	97	148.9	-8.8	29.9	3.5	99.4	101
2021/04/27 18:06:51	533 Sara	31.1	15.64	2.64	133	1.0	37°09'42" 51°06'32"	28	5.1 6.4	UCAC4 540-27501	13.10	6 <sup>h</sup> 26 <sup>m</sup> 39.938 <sup>s</sup> 17°56'42.282"	28.2	265	59.1	-12.0	129.7	6.7	99.4	193
2021/04/27 22:16:08	6998 Tithonus	16.9	18.50	7.06	205	1.9	34°46'56" 48°29'34"	212	2.0 2.9	UCAC4 332-85124	11.44	16 <sup>h</sup> 56 <sup>m</sup> 17.618 <sup>s</sup> -23°46'26.147"	12.3	154	142.1	-25.3	27.0	24.6	99.0	235
2021/04/28 00:14:23	1613 Smiley	21.2	17.37	6.99	108	3.9	37°45'40" 49°50'23"	102	4.4 5.8	TYC 7382-300-1	10.38	17 <sup>h</sup> 51 <sup>m</sup> 15.506 <sup>s</sup> -32°41'52.942"	6.7	170	128.9	-16.7	39.6	19.7	98.8	146
2021/04/28 17:50:01	1463 Nordenmarkia	44.5	16.37	3.67	234	1.3	34°08'10" 48°28'38"	221	4.5 8.9	UCAC4 587-27390	12.74	6 <sup>h</sup> 16 <sup>m</sup> 31.671 <sup>s</sup> 27°15'17.898"	35.4	272	55.4	-9.6	147.0	-7.6	96.2	200
2021/04/28 18:34:41	5922 Shouichi	13.4	17.00	4.72	10	1.1	36°15'06" 49°57'50"	195	4.1 4.1	TYC 5531-1380-1	12.29	12 <sup>h</sup> 45 <sup>m</sup> 56.922 <sup>s</sup> -10°58'32.487"	26.8	158	155.9	-15.1	47.0	-1.5	96.0	131

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		LinOccult 2.4.0 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 (%)	$\sigma_{km}$
2021/04/29 19:13:34	998 Bodea	38.2	17.03	3.74	244	2.5	36°06'38'' 47°51'23''	183	3.6 7.7	UCAC4 275-71441	13.32	14 <sup>h</sup> 06 <sup>m</sup> 54.785 <sup>s</sup> −35°07'21.629''	1.1	157	158.9	-18.8	39.7	-7.5	89.7	198
2021/04/29 22:32:38	217 Eudora	66.2	14.11	1.45	146	2.9	37°12'60'' 48°52'52''	153	9.1 26.3	UCAC4 414-136840	12.99	20 <sup>h</sup> 44 <sup>m</sup> 31.779 <sup>s</sup> −7°23'06.767''	1.6	103	88.0	-24.1	53.5	13.1	88.7	99
2021/04/30 16:50:14	3094 Chukokkala	22.5	17.70	4.03	21	0.6	36°31'41'' 50°08'55''	57	4.9 4.9	UCAC4 510-12116	13.70	5 <sup>h</sup> 32 <sup>m</sup> 32.669 <sup>s</sup> 11°53'54.825''	25.4	258	44.1	-0.9	165.2	-39.6	82.4	183
2021/04/30 18:46:44	900 Rosalinde	18.8	17.39	6.25	95	0.6	35°23'40'' 49°25'09''	222	3.3 3.7	UCAC4 520-20904	11.15	6 <sup>h</sup> 08 <sup>m</sup> 22.925 <sup>s</sup> 13°59'28.728''	14.0	275	52.3	-15.8	168.7	-21.8	81.6	200
2021/04/30 21:40:06	1015 Christa	96.9	15.21	1.85	94	3.4	35°16'52'' 49°30'45''	230	17.9 20.2	UCAC4 565-36876	13.58	7 <sup>h</sup> 10 <sup>m</sup> 39.013 <sup>s</sup> 22°56'22.965''	4.0	302	65.8	-25.2	166.6	1.3	80.5	189