

## 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 (%)	$\sigma_{km}$
2022/02/01 02:48:46	321 Flo- rentina	27.2	16.08	2.39	93	0.8	37°29'48" 49°44'15"	112	5.0	UCAC4 331-97368	13.82	17 <sup>h</sup> 12 <sup>m</sup> 28.860 <sup>s</sup> -23°53'37.271"	4.7	137	52.8	-22.4	51.1	-25.9	0.2	194
2022/02/01 16:56:12	754 Malabar	87.6	13.86	0.92	68	7.1	36°51'18" 50°32'24"	37	25.2	UCAC4 403-17059	13.55	6 <sup>h</sup> 45 <sup>m</sup> 22.579 <sup>s</sup> -9°35'44.679"	21.4	138	137.4	-24.0	129.6	-21.0	0.5	114
2022/02/02 05:01:18	744 Aguntina	58.7	16.51	2.92	117	1.5	37°03'19" 50°58'44"	28	9.5	UNKNOWN- KNOWN	13.66	18 <sup>h</sup> 18 <sup>m</sup> 55.336 <sup>s</sup> -17°56'11.084"	16.9	149	38.8	-1.5	52.6	-10.9	1.5	212
2022/02/03 14:27:57	1690 Mayrhofer	31.7	16.79	4.80	146	0.7	35°46'34" 51°19'23"	346	4.8	UCAC4 448-138175	12.01	22 <sup>h</sup> 21 <sup>m</sup> 51.450 <sup>s</sup> 0° - 29°59.210"	23.2	238	24.3	-0.4	16.3	21.5	7.5	202
2022/02/03 19:25:53	2811 Strem- chovi	14.0	17.21	4.73	251	0.8	36°54'21" 52°16'15"	10	0.9	UCAC4 534-4508	12.50	2 <sup>h</sup> 38 <sup>m</sup> 32.268 <sup>s</sup> 16°36'00.717"	30.6	259	87.8	-46.1	54.1	-19.7	8.7	146
2022/02/03 22:41:19	2548 Leloir	12.6	16.11	4.68	137	1.3	34°27'42" 50°25'49"	288	1.9	UCAC4 380-60989	11.45	11 <sup>h</sup> 10 <sup>m</sup> 51.030 <sup>s</sup> -14°06'31.519"	24.3	162	137.1	-54.8	157.2	-44.2	9.6	96
2022/02/04 01:29:37	2976 Lautaro	38.4	15.81	3.42	23	2.9	36°04'31" 49°53'39"	222	11.4	UCAC4 478-44394	12.44	8 <sup>h</sup> 19 <sup>m</sup> 41.860 <sup>s</sup> 5°34'03.985"	18.4	256	163.7	-34.4	130.6	-44.8	10.4	132
2022/02/04 01:55:44	853 Nansenia	27.0	16.22	3.37	199	0.7	38°32'29" 49°00'49"	126	2.8	UCAC4 366-101355	12.90	17 <sup>h</sup> 41 <sup>m</sup> 33.652 <sup>s</sup> -16°50'34.539"	1.7	119	49.7	-30.3	87.4	-42.7	10.5	141
2022/02/04 23:07:17	5461 Autumn	14.1	17.49	4.63	201	2.0	38°52'06" 50°47'48"	66	1.5	UCAC4 496-59573	12.88	13 <sup>h</sup> 02 <sup>m</sup> 02.889 <sup>s</sup> 9°05'25.679"	38.9	130	123.9	-52.6	167.7	-36.9	16.9	152
2022/02/04 23:53:33	1571 Cesco	34.5	15.88	2.66	178	2.6	36°13'03" 48°26'51"	182	3.5	UCAC4 469-41664	13.32	9 <sup>h</sup> 29 <sup>m</sup> 38.943 <sup>s</sup> 3°39'31.941"	38.3	216	166.9	-47.7	136.5	-40.1	17.2	113
2022/02/06 04:19:28	1040 Klump- kea	42.5	16.54	4.04	250	0.9	39°40'32" 50°38'26"	75	4.1	UCAC4 406-135867	12.53	21 <sup>h</sup> 03 <sup>m</sup> 44.944 <sup>s</sup> -8°53'18.814"	0.5	104	7.6	-7.0	65.0	-26.2	27.4	237
2022/02/06 04:42:39	283 Emma	148.1	13.63	1.72	99	10.3	36°34'57" 50°54'49"	12	32.7	UNKNOWN- KNOWN	12.15	10 <sup>h</sup> 07 <sup>m</sup> 57.246 <sup>s</sup> 6°44'17.167"	4.3	275	164.8	-3.4	130.8	-23.5	27.6	135
2022/02/06 14:57:04	754 Malabar	87.6	13.92	2.22	197	7.2	37°44'51" 51°33'23"	32	7.4	UCAC4 407-17054	11.85	6 <sup>h</sup> 43 <sup>m</sup> 04.523 <sup>s</sup> -8°46'52.522"	9.6	116	134.2	-4.0	77.6	46.2	31.4	116
2022/02/06 15:33:53	3150 Tosa	28.4	17.11	4.26	47	2.4	36°56'28" 50°05'12"	85	6.7	UCAC4 697-41002	12.87	5 <sup>h</sup> 56 <sup>m</sup> 24.360 <sup>s</sup> 49°14'28.597"	62.8	75	126.9	-9.7	67.6	44.0	31.7	161
2022/02/06 16:28:52	2384 Schulhof	13.4	17.33	8.03	19	1.0	36°11'39" 49°53'08"	200	3.6	TYC 2326- 1228-1	9.30	2 <sup>h</sup> 55 <sup>m</sup> 20.042 <sup>s</sup> 30°29'22.420"	67.1	218	92.7	-18.4	28.6	38.8	32.1	146
2022/02/06 20:48:09	1661 Granule	14.5	16.34	3.75	216	2.8	36°52'43" 51°56'58"	11	0.2	UCAC4 553-30069	12.63	6 <sup>h</sup> 38 <sup>m</sup> 23.416 <sup>s</sup> 20°27'17.721"	54.3	224	141.2	-53.6	70.2	1.7	33.8	79
2022/02/07 04:06:25	1873 Agenor	53.8	18.17	5.03	125	1.4	36°50'53" 48°58'57"	161	6.0	UCAC4 433-93567	13.15	19 <sup>h</sup> 09 <sup>m</sup> 44.903 <sup>s</sup> -3°31'02.037"	20.3	123	34.6	-8.8	103.9	-26.2	36.6	331
2022/02/07 04:44:09	559 Nanon	79.8	14.95	1.60	258	2.0	37°59'25" 52°06'14"	28	6.1	UCAC4 355-127910	13.63	18 <sup>h</sup> 14 <sup>m</sup> 27.850 <sup>s</sup> -19°06'38.745"	16.4	152	44.8	-3.0	119.4	-23.0	36.9	173
2022/02/08 17:31:08	121 Hermione	209.0	13.34	0.75	202	6.0	37°09'49" 48°19'44"	162	25.1	UCAC4 460-1367	13.34	1 <sup>h</sup> 02 <sup>m</sup> 39.107 <sup>s</sup> 1°52'00.619"	19.0	249	55.6	-27.9	36.3	50.3	51.6	192
2022/02/09 01:49:30	3915 Fukushima	20.4	17.51	4.08	96	0.5	36°41'46" 50°52'01"	18	4.3	UNKNOWN- KNOWN	13.46	17 <sup>h</sup> 56 <sup>m</sup> 18.134 <sup>s</sup> -11°46'33.693"	5.6	116	51.9	-30.2	144.7	-16.2	54.9	159

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 (%)	$\sigma_{km}$
2022/02/10 01:56:08	6383 Tokushima	14.1	17.38	3.49	12	0.7	36°25'04'' 50°07'16''	49	3.6	UCAC4 392-63131	13.93	15 <sup>h</sup> 51 <sup>m</sup> 23.162 <sup>s</sup> -11°41'37.112''	22.2	146	82.8	-28.9	167.2	-9.6	64.2	156
2022/02/10 04:11:40	1670 Min-naert	28.1	17.47	3.69	237	0.8	34°15'38'' 48°22'29''	218	2.8	UCAC4 318-153261	13.81	18 <sup>h</sup> 11 <sup>m</sup> 39.705 <sup>s</sup> -26°31'05.181''	8.0	150	48.6	-7.3	155.7	-17.2	65.0	208
2022/02/10 15:48:07	1065 Amundsenia	12.1	16.89	3.00	143	2.1	34°24'30'' 50°30'49''	291	1.9	UCAC4 606-29602	13.96	6 <sup>h</sup> 11 <sup>m</sup> 34.765 <sup>s</sup> 31°06'29.556''	55.6	108	130.5	-10.9	19.4	60.3	69.3	116
2022/02/10 19:40:41	1937 Locarno	13.1	16.09	3.51	207	1.5	36°46'17'' 51°52'56''	10	0.7	UCAC4 621-40899	12.62	7 <sup>h</sup> 19 <sup>m</sup> 08.185 <sup>s</sup> 34°00'56.875''	74.1	188	143.2	-46.0	32.0	51.2	70.7	106
2022/02/11 02:27:51	925 Alphon-sina	54.3	12.31	0.86	53	5.8	36°30'14'' 49°35'39''	163	19.2	UCAC4 570-35931	12.10	6 <sup>h</sup> 58 <sup>m</sup> 19.873 <sup>s</sup> 23°52'57.124''	6.4	300	141.3	-23.6	23.8	-5.7	73.1	96
2022/02/11 03:16:09	3786 Yamada	17.9	16.39	3.13	207	0.5	34°34'06'' 48°33'52''	217	1.8	UCAC4 311-117857	13.32	17 <sup>h</sup> 23 <sup>m</sup> 11.706 <sup>s</sup> -27°49'47.262''	6.5	150	60.3	-15.9	176.5	-9.9	73.3	148
2022/02/11 21:37:35	3565 Ojima	13.4	16.30	3.02	72	1.3	35°51'38'' 49°27'40''	205	3.8	UCAC4 580-42258	13.35	8 <sup>h</sup> 31 <sup>m</sup> 01.458 <sup>s</sup> 25°52'23.294''	63.5	211	159.7	-54.0	35.0	42.6	79.4	113
2022/02/12 01:56:15	3721 Widorn	13.4	17.98	5.57	238	0.5	37°40'49'' 52°00'04''	25	1.3	TYC 7344-504-1	12.42	16 <sup>h</sup> 28 <sup>m</sup> 34.854 <sup>s</sup> -30°10'08.314''	2.5	146	73.0	-28.4	158.6	4.6	80.8	184
2022/02/12 17:17:15	175 Andromache	100.9	13.92	2.04	251	2.5	37°20'15'' 47°54'17''	163	8.4	UCAC4 469-732	12.06	0 <sup>h</sup> 31 <sup>m</sup> 56.561 <sup>s</sup> 3°36'27.118''	15.3	257	45.1	-24.7	89.7	61.5	85.3	175
2022/02/12 22:12:22	975 Perseverantia	26.5	14.72	1.92	192	3.1	35°13'14'' 48°28'23''	203	1.9	UCAC4 482-50257	13.01	11 <sup>h</sup> 33 <sup>m</sup> 13.717 <sup>s</sup> 6°20'58.834''	43.1	151	152.4	-53.4	70.3	45.3	86.6	105
2022/02/13 00:10:27	982 Franklina	32.8	16.22	5.58	149	5.6	35°56'36'' 48°43'44''	189	5.2	UCAC4 602-15949	10.65	4 <sup>h</sup> 59 <sup>m</sup> 53.241 <sup>s</sup> 30°16'00.022''	13.0	302	112.8	-43.5	25.3	27.0	87.2	178
2022/02/13 03:05:38	3036 Krat	42.4	16.66	7.58	54	1.7	37°02'12'' 49°59'29''	97	8.6	TYC 7347-1691-1	9.08	16 <sup>h</sup> 18 <sup>m</sup> 42.076 <sup>s</sup> -32°16'25.597''	6.1	164	75.9	-17.0	144.5	2.5	87.9	188
2022/02/13 15:17:46	5028 Halaesus	29.0	17.75	5.47	12	1.1	36°09'23'' 49°58'59''	232	4.2	UCAC4 502-2695	12.29	1 <sup>h</sup> 52 <sup>m</sup> 15.299 <sup>s</sup> 10°21'13.071''	46.8	211	65.2	-5.4	79.9	37.1	90.9	276
2022/02/14 00:50:13	2524 Budovicium	31.4	17.06	3.38	15	7.3	36°09'58'' 49°56'23''	216	7.7	UCAC4 567-24326	13.73	6 <sup>h</sup> 11 <sup>m</sup> 29.880 <sup>s</sup> 23°22'10.227''	11.6	293	127.6	-37.9	22.2	28.1	93.0	162
2022/02/15 01:02:47	593 Titania	75.3	15.05	2.25	179	3.7	37°27'06'' 51°28'42''	28	10.1	UCAC4 382-73762	12.95	16 <sup>h</sup> 29 <sup>m</sup> 22.510 <sup>s</sup> -13°42'10.662''	12.6	130	78.3	-35.8	119.8	32.4	97.1	161
2022/02/15 02:35:27	2246 Bowell	44.2	17.42	4.87	241	1.2	39°04'45'' 51°17'52''	55	4.4	UCAC4 361-180589	12.56	19 <sup>h</sup> 04 <sup>m</sup> 36.151 <sup>s</sup> -17°48'20.064''	0.9	120	40.9	-21.4	155.9	18.0	97.3	259
2022/02/15 23:56:25	3957 Sugie	23.5	18.67	6.43	231	5.7	37°37'53'' 51°56'27''	25	2.2	UCAC4 532-12137	12.24	5 <sup>h</sup> 14 <sup>m</sup> 25.993 <sup>s</sup> 16°21'01.107''	4.6	290	111.9	-44.3	60.5	47.2	99.3	171
2022/02/16 00:26:31	2856 Roser	24.0	15.77	4.99	78	2.0	36°48'21'' 50°39'37''	29	6.5	TYC 2492-260-1	10.79	9 <sup>h</sup> 00 <sup>m</sup> 58.023 <sup>s</sup> 30°16'18.468''	45.7	264	158.0	-40.5	12.7	43.0	99.3	118
2022/02/16 23:43:35	1874 Kacivelia	18.1	17.31	6.15	217	1.3	38°13'32'' 51°33'42''	39	1.9	UCAC4 466-46708	11.16	11 <sup>h</sup> 41 <sup>m</sup> 16.024 <sup>s</sup> 3°07'17.111''	43.2	185	153.5	-45.4	23.5	50.7	99.7	173
2022/02/17 20:03:23	13936 HC	12.2	17.55	4.48	254	4.2	34°18'52'' 48°09'54''	214	0.7	UCAC4 635-34561	13.08	6 <sup>h</sup> 22 <sup>m</sup> 16.238 <sup>s</sup> 36°54'47.977''	65.4	249	124.6	-46.4	67.3	39.1	98.5	144

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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 (%)	$\sigma_{km}$
2022/02/17 20:38:29	1958 Chandra	34.0	17.07	3.22	29	4.0	36°25'13" 49°47'59"	161	8.3	UCAC4 615-39005	13.91	7 <sup>h</sup> 03 <sup>m</sup> 32.315 <sup>s</sup> 32°59'19.854"	63.5	241	133.7	-49.4	58.8	43.2	98.4	160
2022/02/18 01:17:38	851 Zeissia	12.3	14.35	2.09	83	3.9	37°18'15" 50°24'53"	61	3.4	UCAC4 556-40056	12.43	7 <sup>h</sup> 21 <sup>m</sup> 58.652 <sup>s</sup> 21°05'42.042"	14.0	286	140.0	-32.7	56.3	40.7	97.9	67
2022/02/18 04:43:34	2347 Vinata	16.7	18.01	4.37	200	0.5	37°47'16" 51°34'32"	32	2.0	UCAC4 301-182132	13.66	18 <sup>h</sup> 04 <sup>m</sup> 12.244 <sup>s</sup> -29°57'14.275"	8.9	166	58.5	-0.2	104.3	10.1	97.5	220
2022/02/18 15:07:28	265 Anna	23.7	16.93	3.90	63	1.7	36°58'57" 50°23'26"	52	6.6	UCAC4 695-31984	13.06	4 <sup>h</sup> 51 <sup>m</sup> 03.714 <sup>s</sup> 48°58'03.597"	76.3	86	105.9	-2.5	92.7	-15.0	95.9	127
2022/02/19 01:33:23	2803 Vilho	13.0	18.66	9.04	37	0.5	36°44'20" 49°53'02"	119	2.3	TYC 6825-412-1	9.62	17 <sup>h</sup> 18 <sup>m</sup> 55.517 <sup>s</sup> -23°59'49.376"	3.3	135	69.4	-30.1	82.3	38.7	93.9	218
2022/02/19 03:22:50	1258 Sicilia	44.5	16.97	4.28	61	1.8	35°55'26" 49°33'22"	205	8.8	UCAC4 305-112929	12.71	17 <sup>h</sup> 05 <sup>m</sup> 15.009 <sup>s</sup> -29°07'36.363"	8.9	162	72.3	-12.7	79.1	25.1	93.5	191
2022/02/21 01:24:37	4837 Bicker-ton	24.2	17.85	4.17	73	1.7	35°36'08" 50°32'22"	318	5.2	UCAC4 283-68913	13.70	12 <sup>h</sup> 53 <sup>m</sup> 13.132 <sup>s</sup> -33°28'59.979"	5.5	193	122.1	-30.8	28.1	32.7	80.0	169
2022/02/21 17:01:20	2356 Hiron	45.9	15.47	3.38	229	3.4	35°23'48" 48°04'29"	196	2.6	UCAC4 443-51838	12.14	9 <sup>h</sup> 39 <sup>m</sup> 49.364 <sup>s</sup> -1°34'41.670"	16.5	113	164.5	-19.9	67.6	-33.2	74.1	122
2022/02/22 01:16:29	269 Justitia	53.6	14.34	2.18	242	1.8	38°35'13" 51°39'57"	42	2.6	UCAC4 361-90470	12.31	17 <sup>h</sup> 20 <sup>m</sup> 59.110 <sup>s</sup> -17°57'39.195"	7.7	130	72.5	-31.7	42.0	26.6	70.7	124
2022/02/22 03:39:41	4708 Poly-doros	32.7	18.13	4.28	30	1.2	36°41'22" 50°08'06"	71	4.0	UCAC4 322-125507	13.87	17 <sup>h</sup> 59 <sup>m</sup> 47.341 <sup>s</sup> -25°45'04.896"	10.7	156	63.3	-9.1	49.9	22.9	69.6	325
2022/02/23 02:25:46	374 Burgundia	44.7	14.14	0.94	108	1.4	35°17'47" 49°19'09"	221	8.9	UCAC4 356-125394	13.79	18 <sup>h</sup> 11 <sup>m</sup> 01.620 <sup>s</sup> -18°57'05.269"	9.6	135	61.6	-20.7	39.5	21.6	59.5	159
2022/02/23 02:45:00	2267 Agassiz	16.0	17.51	8.72	232	3.4	33°36'28" 48°53'40"	236	0.0	UCAC4 567-37883	8.79	7 <sup>h</sup> 21 <sup>m</sup> 43.984 <sup>s</sup> 23°15'26.699"	0.3	307	134.5	-17.6	124.9	21.7	59.3	37
2022/02/24 01:29:22	4832 Palinurus	31.9	17.86	5.71	82	1.0	35°09'20" 50°11'53"	282	4.0	UCAC4 394-96382	12.16	18 <sup>h</sup> 51 <sup>m</sup> 34.667 <sup>s</sup> -11°13'20.022"	3.6	112	53.1	-29.1	38.1	12.4	48.7	306
2022/02/24 15:09:39	584 Semi-ramis	54.0	12.66	1.60	157	1.0	35°08'47" 51°15'25"	329	8.3	UCAC4 463-134253	11.35	23 <sup>h</sup> 13 <sup>m</sup> 10.349 <sup>s</sup> 2°26'17.619"	14.7	256	16.0	-1.3	95.6	-61.8	42.3	152
2022/02/24 18:47:48	12238 Actor	21.1	18.40	6.49	86	0.8	36°04'51" 49°17'19"	190	2.9	UCAC4 518-4391	11.91	2 <sup>h</sup> 35 <sup>m</sup> 14.370 <sup>s</sup> 13°29'02.038"	20.5	267	64.9	-35.2	143.7	-51.7	40.6	273
2022/02/24 20:11:58	467 Laura	42.0	15.81	2.02	239	4.8	33°54'37" 48°33'42"	226	2.4	UCAC4 591-19697	13.97	5 <sup>h</sup> 32 <sup>m</sup> 57.765 <sup>s</sup> 28°06'11.583"	46.1	260	108.1	-45.0	173.0	-39.4	39.9	129
2022/02/24 20:52:36	844 Leontina	66.1	15.01	2.73	242	6.9	36°59'51" 52°10'45"	12	4.3	UCAC4 420-56349	12.37	12 <sup>h</sup> 31 <sup>m</sup> 42.008 <sup>s</sup> -6°02'23.313"	22.5	132	146.2	-47.9	68.3	-33.1	39.6	141
2022/02/25 19:15:41	6905 Miyazaki	14.2	16.61	3.62	226	1.1	36°27'54" 48°01'28"	177	0.9	UCAC4 524-53515	13.03	12 <sup>h</sup> 24 <sup>m</sup> 31.661 <sup>s</sup> 14°44'40.279"	27.1	99	152.4	-38.5	92.4	-57.5	29.4	123
2022/02/26 17:46:14	868 Lova	52.5	15.40	2.72	193	1.4	37°02'12" 48°23'03"	164	6.2	UCAC4 487-2832	12.77	1 <sup>h</sup> 58 <sup>m</sup> 18.365 <sup>s</sup> 7°21'28.173"	18.6	259	52.4	-25.7	104.9	-65.9	20.1	153
2022/02/26 20:21:56	771 Libera	29.4	14.19	1.10	147	1.8	36°37'39" 48°44'59"	170	3.7	UCAC4 479-9346	13.59	5 <sup>h</sup> 04 <sup>m</sup> 45.220 <sup>s</sup> 5°37'06.957"	22.0	252	97.4	-45.1	143.1	-57.0	19.1	93

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			$\sigma_{km}$			
	Number Name	Diam (km)	Mag	Drop	Dist (km)	Durat (sec)	Longitude Latitude	Az	Prob (%)	Catalog Number	Mag	RA Dec	Alt	Az	Dist		Alt	Phase (%)	
2022/02/27 01:14:07	23186 PO8	2000	15.9	18.09	7.40	197	34°48'23'' 48°33'37''	213	1.9 3.0	UNKNOWN UN- KNOWN	10.69	17 <sup>h</sup> 26 <sup>m</sup> 01.616 <sup>s</sup> −16°23'08.255''	10.5	132	76.4	-30.4	-13.5	17.2	209
2022/02/27 04:05:30	5914 Kathy- whaler		20.5	17.35	3.79	216	34°38'14'' 48°26'04''	213	2.3 4.0	UCAC4 327-160898	13.60	18 <sup>h</sup> 34 <sup>m</sup> 39.458 <sup>s</sup> −24°47'54.328''	12.3	158	60.4	-3.4	6.8	16.2	207
2022/02/28 01:17:52	1142 Aetolia		28.6	16.10	4.52	87	35°17'42'' 50°30'43''	306	5.8 6.5	UCAC4 342-118967	11.59	18 <sup>h</sup> 02 <sup>m</sup> 49.886 <sup>s</sup> −21°37'43.389''	2.5	129	68.5	-29.6	-20.3	9.4	174
2022/02/28 17:10:56	916 America		33.2	15.73	3.49	45	36°44'58'' 50°19'11''	48	11.9 13.1	UCAC4 607-31496	12.29	6 <sup>h</sup> 24 <sup>m</sup> 55.808 <sup>s</sup> 31°18'36.098''	71.3	170	115.3	-19.6	-45.0	5.5	101
2022/02/28 18:24:58	517 Edith		91.1	14.51	1.38	95	36°37'29'' 50°52'26''	15	21.5 28.1	UCAC4 561-25777	13.48	6 <sup>h</sup> 09 <sup>m</sup> 58.953 <sup>s</sup> 22°11'30.692''	58.8	214	112.5	-30.8	-54.5	5.2	127