

## 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: 32

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 (%)	$\sigma_{km}$		
2022/05/01 20:32:10	2760 Kacha	57.9	16.87	4.10	145	1.5	34°55'51'' 49°05'31''	222	8.0	UCAC4 622-22415	12.80	5 <sup>h</sup> 22 <sup>m</sup> 15.699 <sup>s</sup> 34°20'01.356''	8.0	316	42.2	-23.7	31.5	-18.0	1.0	242		
2022/05/01 22:20:38	4124 Herriot	19.8	17.22	3.76	78	2.7	36°54'41'' 50°37'10''	35	5.5	UCAC4 312-93447	13.49	16 <sup>h</sup> 49 <sup>m</sup> 32.444 <sup>s</sup> -27°42'52.909''	10.1	161	146.4	-24.0	158.4	-21.4	1.1	113		
2022/05/03 19:31:34	2685 Ma-sursky	12.0	15.57	2.59	120	1.3	37°43'30'' 50°36'31''	59	2.1	UCAC4 401-55122	13.08	13 <sup>h</sup> 14 <sup>m</sup> 27.219 <sup>s</sup> -9°57'10.680''	29.8	171	157.8	-19.3	125.0	3.6	8.1	84		
2022/05/03 19:43:58	1734 Zhon-golovich	28.5	17.53	4.15	218	0.9	34°57'55'' 48°17'10''	206	3.0	UCAC4 532-34071	13.40	6 <sup>h</sup> 53 <sup>m</sup> 09.712 <sup>s</sup> 16°20'40.529''	12.0	281	60.0	-20.3	28.0	2.0	8.2	181		
2022/05/03 22:07:34	4006 Sandler	16.2	16.97	3.33	53	1.2	35°53'48'' 49°38'45''	212	5.1	UCAC4 347-71159	13.69	15 <sup>h</sup> 02 <sup>m</sup> 36.102 <sup>s</sup> -20°40'56.306''	19.3	184	173.2	-23.8	151.8	-11.6	8.7	112		
2022/05/04 23:21:10	711 Marmulla	14.1	14.44	1.06	46	4.3	36°53'14'' 50°11'25''	70	6.9	UCAC4 282-128132	13.89	17 <sup>h</sup> 47 <sup>m</sup> 12.260 <sup>s</sup> -33°44'36.694''	4.9	166	135.9	-19.7	172.3	-11.4	15.3	61		
2022/05/07 21:29:11	717 Wisibada	31.0	16.14	2.77	63	4.8	36°52'10'' 50°28'37''	41	8.1	UCAC4 323-117838	13.46	17 <sup>h</sup> 39 <sup>m</sup> 51.284 <sup>s</sup> -25°35'18.912''	6.3	144	141.5	-23.2	141.0	14.4	39.3	136		
2022/05/09 20:36:58	436 Patricia	59.5	15.26	2.16	196	4.7	34°07'26'' 48°59'12''	233	6.5	UCAC4 310-72026	13.26	13 <sup>h</sup> 21 <sup>m</sup> 03.322 <sup>s</sup> -28°08'54.494''	11.1	192	153.6	-21.7	64.6	31.7	58.4	143		
2022/05/09 21:00:16	626 Notburga	100.7	14.39	0.97	35	2.5	36°37'03'' 50°16'36''	43	23.7	UCAC4 643-38252	14.00	6 <sup>h</sup> 33 <sup>m</sup> 36.518 <sup>s</sup> 38°30'09.081''	12.7	316	49.7	-22.4	51.9	28.0	58.6	163		
2022/05/11 19:40:47	6052 Junichi	18.4	16.47	5.25	206	1.6	37°32'26'' 51°42'59''	26	1.8	TYC 902-616-1	11.23	14 <sup>h</sup> 10 <sup>m</sup> 15.469 <sup>s</sup> 9°50'30.920''	48.9	163	148.1	-18.0	36.4	42.0	77.1	139		
2022/05/12 20:25:39	2292 Seili	13.9	14.88	2.02	21	1.5	36°28'17'' 50°11'41''	39	7.1	UCAC4 465-54539	13.05	15 <sup>h</sup> 57 <sup>m</sup> 32.807 <sup>s</sup> 2°53'54.655''	38.1	146	156.7	-20.5	51.1	36.2	85.7	74		
2022/05/14 19:04:52	3157 Novikov	29.8	16.62	2.80	228	2.3	34°04'03'' 48°36'06''	225	2.1	UCAC4 326-80914	13.91	16 <sup>h</sup> 10 <sup>m</sup> 58.606 <sup>s</sup> -24°54'32.160''	4.0	138	167.6	-14.3	31.1	26.5	97.3	134		
2022/05/15 00:09:48	1196 Sheba	29.3	14.53	1.27	226	4.9	38°15'49'' 48°28'51''	141	1.0	UCAC4 384-96733	13.66	18 <sup>h</sup> 07 <sup>m</sup> 08.362 <sup>s</sup> -13°15'21.387''	26.8	180	141.0	-12.9	54.2	10.7	98.1	103		
2022/05/16 21:12:26	3772 Piaf	17.1	15.60	2.43	171	1.4	36°00'15'' 48°31'05''	187	1.9	UCAC4 417-61599	13.29	15 <sup>h</sup> 37 <sup>m</sup> 32.800 <sup>s</sup> -6°47'44.763''	33.1	174	167.6	-20.9	17.8	16.6	99.3	111		
2022/05/17 00:50:50	1545 Thernoe	18.7	16.52	2.80	208	2.3	34°18'53'' 51°26'09''	318	1.3	UCAC4 323-135490	13.80	18 <sup>h</sup> 08 <sup>m</sup> 16.964 <sup>s</sup> -25°25'57.297''	13.9	191	143.9	-7.9	24.1	9.7	98.9	116		
2022/05/19 18:03:34	681 Gorgo	22.9	17.23	5.27	176	0.6	37°07'58'' 51°32'24''	20	2.9	TYC 743-1237-1	11.96	6 <sup>h</sup> 18 <sup>m</sup> 01.150 <sup>s</sup> 13°31'02.064''	10.3	279	37.1	-6.7	160.3	-29.9	82.3	232		
2022/05/19 23:00:33	4061 Martelli	19.0	17.43	3.65	96	1.5	35°29'39'' 49°21'12''	216	4.4	UCAC4 365-187673	13.82	21 <sup>h</sup> 26 <sup>m</sup> 35.545 <sup>s</sup> -17°04'56.369''	3.3	122	100.1	-17.5	27.3	7.9	80.3	134		
2022/05/20 00:38:51	422 Berolina	23.6	13.62	1.96	141	6.8	38°09'01'' 49°39'21''	108	1.7	UCAC4 293-179753	11.85	18 <sup>h</sup> 16 <sup>m</sup> 20.654 <sup>s</sup> -31°35'22.629''	8.0	188	144.4	-8.8	19.2	13.4	79.5	68		
2022/05/20 17:49:35	106 Dione	146.6	13.59	1.63	36	3.6	36°44'30'' 50°11'17''	64	27.2	UCAC4 580-28796	12.24	6 <sup>h</sup> 29 <sup>m</sup> 01.081 <sup>s</sup> 25°55'40.756''	22.8	284	37.2	-4.8	153.8	-40.2	72.5	208		
2022/05/21 00:11:39	2699 Kalinin	14.6	15.68	3.60	77	1.3	37°10'08'' 49°39'24''	125	4.4	UCAC4 313-113374	12.12	17 <sup>h</sup> 21 <sup>m</sup> 40.557 <sup>s</sup> -27°24'25.280''	11.1	196	157.8	-11.5	44.9	11.1	69.7	97		

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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 (%)	$\sigma_{km}$
2022/05/21 19:09:33	4124 Herriot	19.8	16.79	3.32	67	1.8	37°12'34'' 50°09'24''	80	6.1 7.4	UCAC4 313-90678	13.52	16 <sup>h</sup> 34 <sup>m</sup> 09.698 <sup>s</sup> -27°30'57.110''	2.7	141	168.1	-13.3	66.3	-34.0	61.1	107
2022/05/22 18:50:45	2382 Nonie	13.4	17.83	4.09	168	0.8	38°00'14'' 49°01'43''	133	1.9 3.1	UCAC4 345-59566	13.76	9 <sup>h</sup> 51 <sup>m</sup> 28.159 <sup>s</sup> -21°00'34.765''	5.7	227	96.0	-11.3	142.4	-40.9	50.1	170
2022/05/23 00:02:25	509 Iolanda	53.0	13.72	2.00	52	6.3	35°34'12'' 49°57'17''	259	14.5 15.6	UCAC4 438-109218	11.91	19 <sup>h</sup> 56 <sup>m</sup> 54.712 <sup>s</sup> -2°26'42.678''	34.4	153	119.1	-12.0	40.3	6.4	47.8	135
2022/05/25 01:35:19	1085 Amaryllis	70.0	14.24	1.18	252	5.9	35°25'21'' 52°14'36''	346	2.5 23.5	UCAC4 392-65312	13.50	16 <sup>h</sup> 20 <sup>m</sup> 34.503 <sup>s</sup> -11°45'54.156''	10.5	237	170.3	-1.0	116.8	16.0	26.5	117
2022/05/25 18:45:59	290 Bruna	13.6	15.98	3.26	105	0.5	37°43'09'' 50°16'01''	77	3.1 5.4	UCAC4 541-49394	12.77	10 <sup>h</sup> 01 <sup>m</sup> 27.550 <sup>s</sup> 18°06'30.793''	38.7	250	81.9	-10.3	135.2	-38.3	20.2	101
2022/05/25 20:11:08	1369 Ostanina	41.6	14.83	1.43	177	3.9	35°07'15'' 48°39'01''	208	3.7 16.0	UCAC4 449-58931	13.74	15 <sup>h</sup> 41 <sup>m</sup> 53.935 <sup>s</sup> 0° - 22°50.852''	38.5	163	158.3	-17.0	136.7	-32.4	19.7	103
2022/05/27 00:03:50	2929 Harris	14.3	16.84	3.40	188	1.8	35°52'55'' 48°23'02''	189	1.5 4.4	UCAC4 418-88036	13.49	18 <sup>h</sup> 41 <sup>m</sup> 49.910 <sup>s</sup> -6°31'28.929''	33.6	182	141.4	-11.3	105.6	-2.4	11.2	130
2022/05/27 17:52:03	4648 Tirion	12.3	17.71	6.02	242	1.7	33°15'44'' 49°06'45''	244	0.4 4.6	UCAC4 327-66688	11.70	13 <sup>h</sup> 26 <sup>m</sup> 48.206 <sup>s</sup> -24°38'29.953''	14.7	169	140.9	-4.0	162.9	-24.6	7.0	107
2022/05/27 19:22:55	3095 Omarkhayyam	16.1	18.04	6.42	251	0.7	34°17'23'' 48°12'30''	215	1.5 3.1	UCAC4 520-49409	11.62	9 <sup>h</sup> 15 <sup>m</sup> 59.581 <sup>s</sup> 13°57'52.890''	21.4	266	70.9	-13.4	100.7	-27.8	6.7	209
2022/05/29 18:30:00	2760 Kacha	57.9	16.78	3.31	108	1.3	37°18'40'' 50°45'32''	43	8.3 9.1	UCAC4 620-30841	13.53	6 <sup>h</sup> 03 <sup>m</sup> 07.047 <sup>s</sup> 33°53'27.880''	14.0	307	24.8	-8.0	31.8	-12.1	0.5	253
2022/05/29 22:31:19	1151 Ithaka	22.0	16.14	6.50	189	5.3	34°08'54'' 49°04'24''	235	0.3 12.5	TYC 6281- 189-1	9.64	18 <sup>h</sup> 50 <sup>m</sup> 31.289 <sup>s</sup> -15°16'34.896''	22.2	158	145.2	-17.2	139.0	-16.1	0.3	70
2022/05/31 17:56:21	444 Gyptis	159.6	14.03	1.15	146	3.9	36°21'04'' 48°44'16''	178	23.5 29.6	UCAC4 524-36269	13.34	6 <sup>h</sup> 59 <sup>m</sup> 31.580 <sup>s</sup> 14°39'37.510''	11.4	279	35.4	-3.9	23.3	7.1	1.5	210