

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: 82

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')

Sorted by date/time.

Table 1

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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 (%)	σ_{km}
2021/10/01 00:28:15	160527 RE31	11.2	19.14	6.53	116	0.9	36°11'15" 51°05'16"	357	1.6	UCAC4 548-3512	12.62	1 ^h 49 ^m 46.225 ^s 19°27'27.338"	53.3	223	154.2	-29.1	86.5	31.6	31.6	258
2021/10/02 15:05:35	1224 Fantasia	13.9	15.97	3.59	44	0.8	36°11'30" 50°26'09"	351	4.7	UCAC4 365-130211	12.42	18 ^h 25 ^m 55.999 ^s −17°04'18.558"	23.0	178	86.9	-0.0	134.9	-7.8	17.6	109
2021/10/02 15:23:35	18901 MR5	11.1	17.95	4.53	46	0.8	36°41'12" 50°22'01"	39	2.7	UCAC4 452-84281	13.43	19 ^h 04 ^m 15.281 ^s 0°13'24.078"	40.0	170	97.5	-2.9	137.7	-9.8	17.5	154
2021/10/03 18:04:14	231 Vim- dobona	82.3	14.75	1.69	240	3.3	33°21'09" 51°08'09"	300	5.6	UCAC4 312-138059	13.32	18 ^h 02 ^m 17.954 ^s −27°46'11.854"	0.8	222	80.1	-28.2	115.8	-23.6	9.5	141
2021/10/04 19:04:15	1843 Jarmila	25.7	16.46	2.86	115	1.1	36°11'48" 49°01'14"	183	5.4	UCAC4 358-135703	13.68	18 ^h 16 ^m 29.833 ^s −18°25'56.052"	2.6	237	82.5	-36.2	104.1	-29.8	3.9	116
2021/10/04 19:04:45	1985 Hop- mann	35.5	16.52	2.72	105	4.7	35°43'50" 50°55'23"	338	7.4	UCAC4 656-15630	13.89	3 ^h 26 ^m 52.826 ^s 41°01'08.845"	38.6	69	128.1	-36.2	106.0	-29.8	3.9	148
2021/10/04 21:48:40	14938 DN	10.1	18.33	6.52	111	0.8	36°43'50" 49°05'34"	163	2.0	TYC 745- 1227-1	11.81	6 ^h 31 ^m 51.297 ^s 13°10'20.693"	16.0	88	93.7	-44.4	74.3	-28.5	3.4	159
2021/10/05 01:06:59	249 Ilse	34.8	14.01	1.40	143	7.0	38°15'09" 49°51'03"	99	1.5	UCAC4 625-12527	12.96	3 ^h 41 ^m 12.352 ^s 34°57'15.297"	72.9	214	128.9	-24.8	109.5	-6.1	2.9	61
2021/10/05 15:04:54	1584 Fuji	21.7	15.05	2.75	4	2.0	36°19'27" 50°04'35"	40	9.0	UCAC4 733-41622	12.39	5 ^h 17 ^m 48.605 ^s 56°30'56.854"	17.5	10	106.0	-1.0	94.2	0.1	1.1	95
2021/10/05 23:00:33	4298 Jorge- nunez	18.9	16.86	4.20	40	1.2	35°59'29" 50°20'53"	328	6.3	UCAC4 561-33150	12.68	6 ^h 37 ^m 31.507 ^s 22°08'29.751"	34.0	95	93.9	-40.6	87.3	-32.8	0.5	113
2021/10/06 02:33:49	1448 Lindbla- dia	20.6	17.00	5.25	85	1.0	36°12'47" 50°48'46"	356	5.7	TYC 1900- 15-1	11.76	7 ^h 08 ^m 47.013 ^s 25°53'14.768"	62.6	144	87.3	-11.6	82.3	-5.4	0.3	100
2021/10/06 17:09:00	19793 RX42	10.7	17.54	4.29	64	0.5	36°14'28" 50°37'04"	357	2.8	UCAC4 398-92095	13.27	18 ^h 45 ^m 47.817 ^s −10°32'46.842"	24.9	210	88.2	-21.1	84.1	-16.6	0.2	135
2021/10/07 03:25:54	1211 Bressole	38.2	15.25	2.03	179	5.6	34°58'41" 51°25'34"	329	3.2	UCAC4 450-4953	13.40	3 ^h 36 ^m 38.967 ^s 0° − 3'25.753"	24.6	237	138.2	-3.5	148.0	-10.2	0.7	101
2021/10/07 20:42:25	11514 Tsune- naga	10.9	18.05	4.74	98	0.7	37°27'05" 50°31'22"	58	2.3	UCAC4 512-32208	13.33	6 ^h 57 ^m 29.996 ^s 12°18'59.434"	2.6	74	90.2	-45.1	109.5	-44.0	2.8	156
2021/10/07 23:41:03	1841 Masaryk	40.6	16.75	4.45	134	4.0	35°19'60" 51°05'24"	330	7.1	UCAC4 402-130160	12.32	22 ^h 57 ^m 26.161 ^s −9°39'06.124"	8.6	244	147.1	-37.1	126.4	-49.5	3.3	163
2021/10/08 15:09:57	1200 Impera- trix	39.5	16.46	4.62	247	1.6	36°14'33" 47°49'52"	181	3.0	UCAC4 356-124410	11.86	18 ^h 08 ^m 56.561 ^s −18°54'55.971"	20.7	189	76.9	-2.8	47.3	7.5	6.6	158
2021/10/08 19:24:51	1401 Lavonne	12.4	15.57	2.82	32	0.8	36°09'49" 50°19'17"	344	5.8	UCAC4 381-155674	12.84	19 ^h 40 ^m 32.679 ^s −13°59'58.595"	12.5	230	99.0	-39.9	67.1	-31.0	7.6	78
2021/10/08 20:07:04	1660 Wood	18.1	16.90	7.15	88	1.7	37°17'54" 49°35'59"	125	4.4	TYC 524- 1926-1	9.75	20 ^h 52 ^m 15.201 ^s 5°48'49.779"	33.3	234	119.2	-43.5	88.9	-37.4	7.9	132
2021/10/08	3779 Kieffer	15.6	15.50	3.11	8	1.4	36°22'48" 50°00'24"	124	6.4	UCAC4 452-2838	12.45	2 ^h 12 ^m 25.703 ^s 0°19'25.445"	38.9	161	160.4	-46.1	159.1	-49.5	8.3	96
2021/10/09 00:00:49	161018 EU107	10.6	19.58	6.01	148	1.5	37°48'56" 49°09'37"	132	1.4	UCAC4 491-6872	13.57	4 ^h 15 ^m 23.148 ^s 8°01'09.292"	47.4	166	130.9	-35.0	162.4	-56.6	8.9	247

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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 (%)
2021/10/09 17:01:14	799 Gudula	43.6	15.68	2.31	150	1.3	35°22'56" 51°15'48"	334	7.0	UCAC4 359-81019	13.51	16 ^h 57 ^m 12.596 ^s −18°16'50.492"	5.9	232	58.8	-20.9	15.0	-4.1	14.3	161
2021/10/09 20:16:21	3846 Hazel	12.2	17.22	4.29	209	2.5	36°36'16" 48°11'05"	174	1.0	UCAC4 548-13496	12.95	5 ^h 14 ^m 44.038 ^s 19°29'13.966"	21.4	85	117.1	-44.5	163.2	-33.9	15.6	129
2021/10/09 23:54:16	255 Oppavia	57.4	15.78	2.03	209	1.8	37°18'20" 48°17'39"	160	6.1	UCAC4 572-45691	13.94	9 ^h 19 ^m 28.885 ^s 24°18'52.568"	20.8	77	62.2	-36.1	110.0	-60.6	16.8	159
2021/10/10 01:56:32	4930 Rephilitim	31.2	17.11	7.58	31	1.2	36°32'38" 49°49'06"	144	7.0	TYC 1392- 2179-1	9.54	8 ^h 38 ^m 05.889 ^s 15°10'36.721"	39.7	117	68.8	-18.5	118.1	-57.6	17.6	174
2021/10/10 14:49:17	1200 Imperatrix	39.5	16.48	4.39	175	1.5	36°01'54" 48°29'08"	186	5.4	UCAC4 356-125738	12.11	18 ^h 11 ^m 25.018 ^s −18°56'38.953"	21.0	185	75.5	-0.2	19.6	13.2	22.6	159
2021/10/10 18:40:19	1469 Linzia	59.0	14.69	1.24	174	7.1	33°57'09" 50°31'08"	287	6.9	UCAC4 437-116582	13.87	22 ^h 36 ^m 15.426 ^s −2°43'22.722"	37.3	176	141.9	-35.5	83.5	-12.7	24.3	119
2021/10/10 21:48:04	762 Pulcova	137.1	13.57	0.83	10	7.6	36°17'16" 49°57'21"	180	34.9	UCAC4 599-41607	13.42	7 ^h 34 ^m 56.230 ^s 29°43'43.352"	21.9	69	86.9	-46.6	146.9	-41.4	25.6	151
2021/10/11 01:10:04	36269 XB214	15.8	18.61	5.56	229	1.0	34°47'30" 51°52'22"	332	1.6	UCAC4 395-2103	13.06	1 ^h 51 ^m 21.212 ^s −11°00'07.718"	17.1	227	158.7	-25.9	118.5	-64.4	27.0	258
2021/10/12 00:44:08	2637 Brownikoff	19.6	16.98	5.55	18	2.4	36°08'48" 50°11'07"	327	8.6	UCAC4 598-30212	11.44	6 ^h 16 ^m 27.151 ^s 29°26'56.047"	61.8	127	104.9	-30.0	176.5	-58.7	37.6	89
2021/10/12 16:16:04	6511 Furmanov	10.4	16.68	3.59	249	0.8	38°49'09" 48°32'15"	133	0.3	UCAC4 556-2414	13.13	1 ^h 15 ^m 18.392 ^s 21°00'11.617"	24.2	86	166.4	-14.8	102.6	12.5	44.9	108
2021/10/12 21:10:44	65210 Stichius	12.8	19.34	5.67	186	0.8	36°42'21" 48°23'47"	171	1.5	UCAC4 554-5008	13.67	2 ^h 43 ^m 27.775 ^s 20°36'47.379"	54.6	137	154.3	-47.7	118.9	-18.2	47.2	280
2021/10/12 21:10:54	330 Adalberta	10.5	14.36	1.10	248	2.5	39°30'06" 49°14'56"	111	0.0	UCAC4 462-3825	13.75	2 ^h 49 ^m 58.392 ^s 2°18'37.977"	37.3	146	155.0	-47.7	112.9	-18.2	47.3	51
2021/10/13 16:58:52	4156 Okadanoboru	10.6	18.02	4.14	147	0.7	34°38'26" 50°51'10"	307	1.7	UCAC4 345-188278	13.90	19 ^h 29 ^m 36.639 ^s −21°09'28.229"	16.5	200	90.5	-21.9	8.3	14.4	56.4	152
2021/10/13 20:44:47	1210 Morosovia	33.6	14.59	1.26	153	3.0	35°12'35" 51°14'10"	330	4.9	UCAC4 381-738	13.74	0 ^h 36 ^m 52.627 ^s −13°49'36.497"	26.3	181	156.1	-47.5	63.0	-5.2	58.1	118
2021/10/13 23:42:24	1115 Sabauda	68.8	14.85	3.18	44	3.9	36°42'34" 49°45'24"	137	19.3	UCAC4 583-38287	11.73	7 ^h 20 ^m 18.780 ^s 26°25'44.605"	41.9	98	92.6	-38.7	166.6	-30.9	59.5	134
2021/10/14 01:02:03	5567 Durisen	16.7	17.19	4.01	81	1.6	37°19'32" 49°45'25"	114	3.7	UCAC4 653-44867	13.21	6 ^h 42 ^m 26.448 ^s 40°25'10.068"	69.6	108	101.6	-27.9	153.4	-43.1	60.1	156
2021/10/14 03:47:32	2658 Gierich	10.6	17.83	4.37	212	0.9	36°13'13" 48°08'27"	181	1.0	UCAC4 531-5779	13.48	3 ^h 14 ^m 04.223 ^s 16°03'09.671"	26.6	263	150.2	-1.7	106.5	-62.5	61.4	144
2021/10/15 15:45:53	790 Pretoria	170.4	13.52	3.67	203	12.2	37°29'14" 51°42'26"	25	18.6	TYC 498- 2223-1	9.89	20 ^h 00 ^m 56.280 ^s 2°09'13.642"	42.2	176	99.9	-10.9	34.2	16.5	76.2	146
2021/10/15 18:21:30	1889 Pakhmutova	33.5	16.37	3.86	240	3.9	37°08'01" 52°08'13"	15	2.0	UCAC4 593-29120	12.54	6 ^h 12 ^m 05.212 ^s 28°33'43.765"	6.4	52	109.6	-34.8	127.6	22.0	77.2	133
2021/10/15 19:12:17	1857 Par-chomenko	10.8	16.97	3.50	244	0.6	37°09'54" 47°55'53"	165	0.4	UCAC4 362-181217	13.51	19 ^h 14 ^m 57.917 ^s −17°38'52.690"	4.2	236	85.5	-41.1	39.0	20.3	77.5	115

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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 (%)	σ_{km}	
2021/10/16 01:03:29	1448 Lindbladia	20.6	16.84	3.55	139	1.1	36°49'21" 48°50'43"	164	2.9	UCAC4 580-38243	13.33	7 ^h 25 ^m 42.389 ^s 25°58'15.944"	54.4	119	93.4	-28.2	140.3	-21.6	79.6	93	
2021/10/16 16:05:32	5975 Otake-mayumi	11.4	16.32	3.52	160	1.4	34°32'25" 50°57'29"	309	1.1	UCAC4 659-32946	12.85	5 ^h 17 ^m 24.221 ^s 41°38'33.054"	9.3	32	119.8	-14.3	105.4	18.3	84.6	93	
2021/10/16 16:57:32	334 Chicago	155.8	14.44	1.15	269	4.9	33°13'20" 51°29'56"	306	13.8	UCAC4 348-97711	13.75	17 ^h 18 ^m 12.219 ^s -20°34'14.243"	3.6	232	57.0	-22.6	77.7	22.9	84.9	233	
2021/10/16 19:10:38	554 Peraga	95.9	12.93	0.53	232	7.1	38°13'57" 48°23'51"	143	1.7	UCAC4 577-35395	13.43	6 ^h 58 ^m 21.411 ^s 25°14'11.278"	4.6	55	100.2	-41.3	124.3	26.8	85.6	87	
2021/10/17 14:38:22	3313 Mendel	11.3	16.81	2.90	188	1.0	38°21'56" 49°01'42"	127	1.0	UCAC4 602-7993	13.98	2 ^h 57 ^m 55.286 ^s 30°21'49.231"	5.2	47	150.5	-0.7	63.7	5.8	90.9	111	
2021/10/17 14:55:13	2739 Taguacipa	13.6	16.62	2.97	115	2.3	37°12'10" 49°12'09"	145	2.3	UCAC4 452-124386	13.72	23 ^h 43 ^m 18.393 ^s 0°17'37.299"	13.3	106	152.1	-3.4	9.7	8.3	91.0	77	
2021/10/17 15:24:06	131 Vala	40.4	14.94	1.63	172	1.4	34°45'33" 51°15'10"	321	5.4	UCAC4 315-179935	13.59	18 ^h 19 ^m 11.347 ^s -27°03'14.578"	11.2	197	70.1	-8.0	75.2	12.4	91.1	138	
2021/10/17 15:38:38	2209 Tianjin	16.4	15.03	3.36	39	1.6	36°34'35" 49°44'58"	148	6.2	TYC 11-864-1	11.72	0 ^h 40 ^m 14.652 ^s 1°13'06.204"	12.0	103	165.3	-10.3	19.9	14.4	91.2	97	
2021/10/17 21:13:04	2728 Yatskiv	15.5	16.47	6.46	177	1.6	35°08'48" 51°28'09"	333	1.0	TYC 5784- 184-1	10.01	21 ^h 11 ^m 54.665 ^s -13°48'21.278"	5.7	241	111.8	-49.6	37.3	28.6	92.5	89	
2021/10/17 23:51:26	1795 Woltjer	27.1	16.95	3.49	166	2.6	37°29'05" 48°46'43"	149	3.6	UCAC4 519-6449	13.51	3 ^h 50 ^m 12.792 ^s 13°46'06.194"	53.9	185	145.6	-38.8	63.8	11.0	93.1	124	
2021/10/18 02:32:07	29538 BN16	14.9	17.39	4.26	18	4.5	36°06'27" 50°09'40"	315	3.9	UCAC4 546-21679	13.15	5 ^h 57 ^m 59.168 ^s 19°04'42.351"	57.9	201	115.0	-14.8	93.6	-13.1	93.6	152	
2021/10/18 23:07:03	8030 Williamknight	12.8	17.37	6.28	140	2.6	37°07'07" 51°11'29"	25	2.2	UCAC4 600-15375	11.09	4 ^h 54 ^m 23.966 ^s 29°54'20.473"	63.7	131	129.4	-44.1	70.1	27.0	97.2	139	
2021/10/19 15:16:37	992 Swasey	27.3	16.20	2.67	70	3.4	35°36'14" 49°35'33"	224	6.5	UCAC4 425-127349	13.63	21 ^h 07 ^m 45.029 ^s -5°08'39.917"	31.4	153	111.2	-7.4	58.8	7.3	99.0	151	
2021/10/19 22:08:59	1122 Neith	11.6	15.51	1.98	13	1.2	36°24'27" 49°57'29"	139	5.4	UCAC4 571-33716	13.72	6 ^h 44 ^m 25.586 ^s 24°01'38.717"	34.8	93	106.3	-49.0	81.6	41.5	99.4	85	
2021/10/20 18:57:30	738 Alagasta	62.8	15.83	2.20	83	4.4	35°42'42" 50°41'30"	330	13.5	UCAC4 349-182988	13.78	20 ^h 14 ^m 35.490 ^s -20°21'16.370"	8.6	223	94.0	-41.1	87.8	38.0	99.9	163	
2021/10/20 21:14:43	4091 Lowe	15.6	17.53	3.83	47	3.0	36°29'39" 50°26'37"	19	3.7	UCAC4 596-22417	13.73	5 ^h 43 ^m 14.085 ^s 29°08'20.052"	40.0	91	120.9	-50.7	56.7	49.0	99.9	162	
2021/10/21 01:03:59	1518 Rovaniemi	10.7	14.13	3.85	219	1.4	37°04'21" 51°57'05"	15	0.0	TYC 636- 21-1	10.31	2 ^h 05 ^m 41.348 ^s 13°29'24.099"	35.2	247	173.6	-29.4	3.7	32.0	99.8	55	
2021/10/21 01:50:36	4603 Bertaud	11.1	18.03	4.20	4	2.0	36°15'29" 50°04'25"	325	2.9	UCAC4 639-34881	13.86	6 ^h 31 ^m 07.621 ^s 37°47'03.919"	77.7	165	110.5	-22.2	65.3	25.3	99.8	152	
2021/10/21 23:47:47	1473 Ounas	17.6	16.42	2.85	258	1.7	38°22'53" 51°57'28"	35	0.4	UCAC4 506-32488	13.65	6 ^h 52 ^m 49.087 ^s 11°11'00.092"	39.6	126	105.0	-40.4	59.8	50.3	98.2	112	
2021/10/22 01:26:23	4325 Guest	10.1	17.34	4.15	71	4.6	35°18'39" 50°10'24"	281	2.9	UCAC4 573-19220	13.22	5 ^h 42 ^m 07.555 ^s 24°28'51.493"	64.6	186	122.6	-26.2	41.6	38.8	98.1	117	

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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}
2021/10/22 19:40:35	4298 Jorge-nunez	18.9	16.64	4.97	250	2.0	34°02'29'' 51°47'24''	320	0.4	TYC 1343-1815-1	11.68	6 ^h 53 ^m 49.747 ^s 22°07'11.566''	10.3	68	106.9	-46.5	48.8	39.9	95.6	103
2021/10/23 22:24:44	1353 Maartje	33.8	14.16	0.97	37	3.0	36°35'08'' 49°46'51''	144	11.8	UCAC4 492-1226	13.77	0 ^h 48 ^m 26.866 ^s 8°17'37.925''	40.3	225	163.7	-49.4	52.5	58.0	90.3	108
2021/10/23 23:46:10	849 Ara	61.8	12.75	0.56	74	5.6	36°03'01'' 50°41'25''	347	17.5	UCAC4 528-153326	13.18	23 ^h 17 ^m 39.275 ^s 15°35'53.280''	20.9	270	142.0	-41.2	71.7	62.2	89.9	114
2021/10/24 03:16:02	156 Xanthippe	121.0	13.78	4.67	94	2.7	37°18'55'' 50°34'44''	51	24.4	TYC 4933-577-1	9.12	11 ^h 31 ^m 36.144 ^s -4°54'40.525''	17.7	121	35.9	-9.2	106.2	42.1	89.1	166
2021/10/24 17:12:30	22870 Rosing	10.2	15.84	2.68	114	2.1	36°38'51'' 51°02'30''	13	1.9	UCAC4 470-136512	13.25	23 ^h 31 ^m 47.656 ^s 3°56'04.135''	39.4	147	143.4	-27.4	80.8	8.0	85.6	82
2021/10/24 21:22:33	3144 Brosche	28.2	17.75	5.43	23	5.5	36°18'44'' 49°50'28''	175	12.7	UCAC4 563-32640	12.33	6 ^h 39 ^m 14.191 ^s 22°30'46.470''	30.2	90	112.3	-52.1	20.9	46.0	84.3	85
2021/10/25 00:50:25	2677 Joan	20.6	16.75	4.55	230	3.6	39°17'34'' 49°20'24''	110	1.4	UCAC4 514-12718	12.22	5 ^h 36 ^m 24.432 ^s 12°38'35.092''	52.8	177	126.6	-32.5	13.0	64.7	83.3	134
2021/10/25 17:01:00	926 Imhilde	48.5	15.94	2.18	93	3.7	36°56'35'' 49°19'25''	150	10.9	UCAC4 561-8345	13.92	3 ^h 55 ^m 35.716 ^s 22°10'25.673''	14.9	73	150.7	-25.9	26.3	1.6	78.4	143
2021/10/25 19:30:04	44 Nysa	70.6	10.42	1.10	167	35.8	36°49'47'' 48°35'27''	167	4.6	TYC 1302-751-1	9.81	5 ^h 37 ^m 16.598 ^s 18°02'55.394''	19.4	85	127.6	-46.4	9.0	22.2	77.3	81
2021/10/26 03:31:48	3787 Aivazovskij	15.8	16.20	2.78	115	2.0	37°53'34'' 50°06'02''	87	3.3	UCAC4 494-24136	13.51	6 ^h 20 ^m 15.293 ^s 8°36'45.829''	42.3	220	116.5	-7.2	17.6	56.5	74.8	112
2021/10/26 21:07:24	1367 Non-goma	12.5	15.94	4.52	105	1.0	37°07'31'' 49°16'43''	145	2.8	UCAC4 665-9048	11.44	2 ^h 05 ^m 44.299 ^s 42°53'05.325''	82.9	164	149.7	-52.7	59.3	29.6	68.6	91
2021/10/27 16:12:47	5571 Lesliegreen	12.8	17.95	4.45	26	0.8	36°04'40'' 50°14'13''	325	3.0	UCAC4 387-138159	13.52	20 ^h 19 ^m 10.576 ^s -12°38'35.066''	26.7	192	89.9	-18.7	163.2	-11.9	61.4	170
2021/10/27 21:07:10	1108 Demeter	25.6	17.31	4.16	71	1.8	37°04'46'' 50°26'01''	53	6.5	UCAC4 467-31697	13.17	7 ^h 29 ^m 05.438 ^s 3°13'00.910''	7.1	93	100.3	-53.1	22.6	21.2	59.4	137
2021/10/28 02:49:11	7965 Katsuhiko	10.2	17.79	4.14	118	1.2	37°50'07'' 50°25'56''	69	2.1	UCAC4 710-39217	13.67	5 ^h 32 ^m 27.223 ^s 51°59'20.777''	69.8	288	123.8	-14.5	38.5	65.0	57.1	133
2021/10/28 03:58:58	1062 Ljuba	55.1	15.70	2.12	265	1.2	37°27'17'' 52°18'56''	18	4.8	UCAC4 396-55318	13.74	13 ^h 16 ^m 36.449 ^s -10°49'26.448''	6.3	115	13.1	-3.4	84.9	63.2	56.7	220
2021/10/29 02:41:50	289 Nenetta	33.7	15.85	2.04	95	1.0	35°42'19'' 49°16'43''	206	5.7	UCAC4 460-48819	14.00	11 ^h 19 ^m 36.030 ^s 1°49'04.187''	22.9	117	45.6	-15.9	41.8	59.4	47.4	214
2021/10/29 15:38:07	6975 Hiroaki	10.8	16.65	4.03	48	0.5	35°47'39'' 50°20'37''	313	3.7	UCAC4 367-176774	12.64	20 ^h 44 ^m 11.378 ^s -16°38'24.358''	23.4	178	92.9	-13.6	170.9	-18.5	42.0	105
2021/10/30 17:28:46	2426 Simonov	24.0	17.29	5.05	248	0.8	37°01'45'' 47°52'32''	168	1.9	UCAC4 371-150006	12.26	18 ^h 50 ^m 26.784 ^s -15°55'37.539''	8.3	233	65.2	-31.6	131.4	-23.4	31.4	167
2021/10/30 20:59:06	1985 Hopmann	35.5	16.12	3.30	79	2.7	35°50'15'' 50°41'39''	336	8.8	UCAC4 658-14316	12.87	3 ^h 08 ^m 26.721 ^s 41°29'19.261''	75.8	120	150.4	-53.9	92.4	-8.3	30.0	136
2021/10/31 15:31:17	24458 RP100	14.4	19.43	6.87	187	0.5	34°50'20'' 51°27'27''	327	1.5	UCAC4 370-149469	12.56	18 ^h 44 ^m 52.914 ^s -16°10'10.538''	19.4	209	62.9	-13.1	118.3	-20.7	22.7	333

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1	Page 5	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 (%)	σ_{km}
2021/10/31 16:56:28	1731 Smuts	54.1	16.48	2.78	110	1.6	35°46'39'' 50°58'55''	341	9.7	UCAC4 351-129289	13.79	18 ^h 17 ^m 24.488 ^s −19°53'59.390''	4.3	232	56.0	-26.7	111.3	-27.0	22.2	187
2021/10/31 18:16:33	2232 Altaï	12.1	16.73	3.63	120	0.6	36°55'46'' 49°03'24''	157	2.4	UCAC4 380-161904	13.14	20 ^h 47 ^m 27.981 ^s −14°04'02.517''	17.5	220	92.2	-39.0	146.3	-28.6	21.7	115