

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 $M_v = 14.00$
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 2.3.1
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 157

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 2.3.1			
		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}
2020/06/01 01:07:33	7750 McEwen	12.4	15.36	2.05	217	1.6	39°13'49'' 49°37'16''	103	0.1 6.8	UNKNOWN UN- KNOWN	13.49	18 ^h 41 ^m 20.720 ^s -14°23'40.754''	22.6	204	149.5	-3.7	93.3	-14.2	71.3	73
2020/06/01 18:37:45	4745 Nancy-marie	12.6	16.04	2.83	197	1.1	38°13'37'' 51°18'57''	44	1.0 4.3	UCAC4 355-85364	13.29	17 ^h 04 ^m 38.647 ^s -19°03'16.402''	8.2	133	173.4	-8.3	60.2	37.6	78.7	116
2020/06/01 23:19:59	167 Urda	39.9	13.10	0.52	12	4.0	36°20'21'' 50°08'49''	19	15.5 15.6	UCAC4 351-110844	13.62	17 ^h 44 ^m 30.056 ^s -19°57'19.385''	19.4	191	164.9	-14.1	66.7	5.8	80.7	101
2020/06/01 23:35:50	2139 Makharadze	8.7	15.36	2.19	77	1.1	36°17'45'' 49°21'35''	179	2.7 4.8	UCAC4 336-91733	13.32	17 ^h 09 ^m 34.861 ^s -22°59'48.300''	14.1	202	173.2	-12.9	58.9	3.3	80.8	72
2020/06/02 18:16:45	4759 Aretta	15.6	19.17	5.28	195	0.7	38°05'23'' 51°22'17''	41	1.9 2.9	UCAC4 518-50813	13.90	9 ^h 48 ^m 59.984 ^s 13°26'24.833''	32.6	251	72.5	-5.9	66.2	32.0	87.5	215
2020/06/02 18:38:21	4533 Orth	8.7	17.80	3.87	53	0.9	36°11'47'' 49°34'31''	187	2.6 2.9	UCAC4 495-106692	13.96	19 ^h 30 ^m 39.426 ^s 8°55'13.460''	10.0	88	128.5	-8.3	83.4	32.3	87.5	122
2020/06/02 18:55:00	31554 EJ2	8.3	16.55	4.76	87	1.4	36°57'16'' 50°41'58''	33	2.3 3.8	UCAC4 453-57419	11.80	14 ^h 52 ^m 38.479 ^s 0°27'42.077''	39.6	165	144.7	-9.9	14.9	32.3	87.7	88
2020/06/02 19:11:31	1873 Agenor	53.8	17.02	4.84	204	4.9	34°39'44'' 48°32'53''	215	6.1 8.5	UCAC4 440-58278	12.19	14 ^h 39 ^m 49.140 ^s -2°11'39.372''	37.8	175	143.8	-11.4	10.6	32.1	87.8	253
2020/06/02 20:23:49	6828 Elbsteel	8.3	17.76	3.80	198	0.8	36°49'30'' 51°47'52''	11	0.7 2.7	UCAC4 362-154611	13.99	18 ^h 36 ^m 43.739 ^s -17°46'44.374''	11.4	136	153.2	-16.3	66.2	28.8	88.2	122
2020/06/03 20:03:13	2116 Mt-skheta	19.9	16.03	2.29	7	2.2	36°14'15'' 50°05'55''	328	8.6 8.6	UNKNOWN UN- KNOWN	13.88	17 ^h 58 ^m 28.573 ^s -8°43'55.490''	21.9	137	158.3	-15.1	43.7	26.5	94.6	92
2020/06/04 00:38:23	2116 Mt-skheta	19.9	16.03	3.42	101	2.1	36°04'05'' 49°09'07''	189	4.7 8.6	UCAC4 407-74199	12.65	17 ^h 58 ^m 19.190 ^s -8°43'32.665''	26.1	212	158.4	-6.8	41.0	0.9	95.6	92
2020/06/04 19:33:37	127532 WH9	9.1	19.77	5.97	134	0.6	36°36'10'' 51°14'07''	10	1.1 1.2	UCAC4 389-64297	13.81	15 ^h 41 ^m 20.719 ^s -12°20'40.962''	26.9	167	160.4	-13.0	6.9	20.7	98.6	292
2020/06/04 19:38:26	258 Tyche	64.8	14.23	1.46	237	1.9	36°11'42'' 47°55'06''	182	6.2 13.9	UCAC4 488-48465	13.10	8 ^h 32 ^m 17.334 ^s 7°28'10.245''	1.6	280	54.9	-13.4	112.7	20.9	98.6	185
2020/06/04 19:52:57	2674 Pan-darus	97.9	15.80	2.71	237	7.1	38°10'22'' 51°48'57''	34	10.0 15.7	UCAC4 363-72534	13.19	15 ^h 42 ^m 12.353 ^s -17°35'12.698''	22.2	172	162.9	-14.3	3.9	21.4	98.7	248
2020/06/04 22:18:37	18108 NT5	10.5	15.97	4.30	255	1.0	32°45'55'' 49°43'52''	262	0.1 4.3	UCAC4 297-84382	11.69	15 ^h 44 ^m 08.403 ^s -30°43'43.593''	5.4	205	162.6	-16.9	13.2	18.6	98.9	98
2020/06/04 23:18:34	3728 IRAS	19.5	17.03	3.23	105	1.5	35°58'32'' 49°07'30''	192	3.7 4.3	UCAC4 505-61905	13.86	16 ^h 14 ^m 52.246 ^s 10°54'07.089''	41.0	230	145.3	-13.9	29.6	13.8	99.0	179
2020/06/05 00:44:51	20711 XF12	9.1	18.97	5.58	67	0.6	36°51'02'' 50°31'37''	37	1.9 2.0	UCAC4 424-99251	13.40	18 ^h 57 ^m 52.317 ^s -5°20'21.818''	32.9	200	145.3	-6.0	42.9	4.0	99.2	180
2020/06/05 18:38:56	678 Fredgundis	41.8	14.19	2.45	101	0.9	35°25'04'' 50°45'38''	322	8.0 9.4	UCAC4 561-36197	11.86	6 ^h 50 ^m 28.450 ^s 22°00'23.867''	5.9	298	26.4	-8.0	153.3	9.2	100.0	177
2020/06/05 23:15:43	4668 Rayjay	12.0	16.78	4.84	153	0.9	37°40'50'' 49°00'48''	139	1.8 3.7	UCAC4 284-91707	11.95	16 ^h 35 ^m 20.169 ^s -33°18'38.093''	2.3	206	168.2	-14.0	13.5	15.4	100.0	131
2020/06/05 23:53:33	1241 Dysona	83.0	15.80	3.40	96	2.0	34°58'55'' 50°15'44''	284	12.8 13.9	UCAC4 620-7215	12.45	2 ^h 28 ^m 12.132 ^s 33°49'21.584''	15.4	55	34.4	-11.0	142.9	12.7	99.9	238

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		LinOccult 2.3.1			
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}
2020/06/06 01:18:14	18952 QF105	11.5	16.41	2.78	130	1.0	37°17'47'' 49°04'60''	146	2.1 4.0	UCAC4 324-120182	13.72	17 ^h 54 ^m 39.939 ^s -25°20'54.242''	6.0	218	166.6	-2.0	10.2	4.3	99.9	114
2020/06/06 17:37:54	116 Sirona	71.7	13.00	0.90	166	1.5	35°28'05'' 48°39'01''	201	10.2 14.8	UCAC4 574-20686	12.72	5 ^h 53 ^m 52.983 ^s 24°42'41.944''	8.1	299	12.5	-0.8	178.6	-6.9	98.9	192
2020/06/06 17:38:28	3693 Bar-ringer	14.5	16.50	2.95	236	1.2	36°50'47'' 52°08'14''	10	0.7 4.7	UCAC4 442-73756	13.62	17 ^h 51 ^m 00.735 ^s -1°45'27.701''	10.6	106	155.7	-0.9	21.6	-6.9	98.9	123
2020/06/06 19:39:52	1712 Angola	59.5	13.90	1.68	71	5.0	36°52'44'' 50°33'26''	37	18.2 22.9	UCAC4 403-75137	12.49	17 ^h 52 ^m 01.686 ^s -9°32'49.258''	20.6	136	161.9	-13.2	14.0	7.4	98.7	102
2020/06/06 20:29:11	5515 Naderi	8.3	16.50	5.96	118	1.9	35°52'14'' 49°01'14''	195	1.5 3.8	UCAC4 444-109646	10.55	19 ^h 34 ^m 15.760 ^s -1°17'01.091''	21.0	120	136.9	-16.1	31.9	11.6	98.6	87
2020/06/06 21:13:09	1321 Majuba	36.3	13.54	1.78	263	4.1	32°55'24'' 49°08'18''	247	0.2 16.0	UCAC4 268-114880	11.99	17 ^h 31 ^m 30.411 ^s -36°28'39.234''	2.9	170	164.6	-17.3	14.6	14.4	98.5	90
2020/06/06 23:13:47	8087 Kazu-taka	11.0	17.51	5.32	210	1.3	35°55'39'' 51°55'17''	353	0.9 3.3	UCAC4 483-54964	12.20	13 ^h 14 ^m 09.763 ^s 6°25'40.812''	10.1	268	117.4	-14.0	77.7	16.0	98.2	132
2020/06/06 23:37:55	976 Benjamin-ina	80.5	13.31	0.63	108	6.9	35°50'04'' 49°07'10''	197	17.9 27.9	UCAC4 350-89901	13.56	17 ^h 07 ^m 25.615 ^s -20°08'36.069''	15.1	209	177.1	-12.3	14.6	15.3	98.2	113
2020/06/06 23:39:59	19548 JJ58	8.7	16.54	2.86	15	0.7	36°07'18'' 50°08'12''	310	3.4 3.5	UCAC4 286-122627	13.77	17 ^h 12 ^m 28.789 ^s -32°57'06.604''	3.2	204	169.4	-12.1	15.5	15.2	98.2	101
2020/06/07 17:46:47	920 Rogeria	23.9	15.61	2.86	121	2.1	36°11'10'' 48°57'32''	183	4.8 8.1	UCAC4 418-78149	12.83	18 ^h 17 ^m 49.671 ^s -6°27'28.901''	4.6	106	155.9	-1.8	19.6	-14.5	95.3	118
2020/06/07 19:06:18	2659 Millis	26.5	16.44	3.76	20	2.0	36°34'01'' 50°04'15''	83	6.1 6.2	UCAC4 343-110995	12.72	17 ^h 40 ^m 27.837 ^s -21°32'39.886''	7.9	138	171.6	-10.4	17.9	-3.6	95.0	171
2020/06/08 00:02:18	6634 1987 KB	10.0	14.45	1.04	210	1.7	33°23'49'' 49°44'14''	261	0.0 7.1	UCAC4 386-119057	13.94	18 ^h 53 ^m 55.610 ^s -12°49'31.631''	26.6	191	152.3	-10.1	11.7	15.9	94.0	56
2020/06/08 00:29:03	9293 Kamo-gata	9.1	16.77	2.93	58	0.9	35°57'11'' 50°31'35''	336	2.8 3.2	UCAC4 346-117763	13.92	17 ^h 48 ^m 51.969 ^s -20°57'59.221''	13.3	212	169.7	-7.5	19.2	15.3	93.8	113
2020/06/08 17:35:32	1733 Silke	9.1	15.73	2.16	174	0.9	37°03'39'' 48°34'18''	161	0.4 4.7	UCAC4 371-100363	13.73	17 ^h 44 ^m 15.056 ^s -15°52'04.597''	1.1	117	169.0	-0.3	31.0	-24.2	89.7	78
2020/06/08 19:24:32	7750 McEwen	12.4	15.10	2.33	141	1.5	37°35'11'' 51°00'47''	41	0.9 7.2	UCAC4 389-98167	12.90	18 ^h 37 ^m 57.284 ^s -12°19'47.212''	11.7	126	156.3	-11.9	21.6	-8.1	89.2	69
2020/06/08 19:31:35	1560 Strattonia	21.0	15.70	3.03	168	1.6	34°22'40'' 49°10'35''	235	2.4 7.6	UCAC4 312-90373	12.74	16 ^h 41 ^m 27.018 ^s -27°41'51.346''	9.6	159	172.2	-12.4	44.1	-7.1	89.1	110
2020/06/08 20:03:37	56 Melete	113.2	10.94	2.01	286	25.3	38°25'46'' 52°14'03''	32	0.0 64.5	UCAC4 411-82976	9.12	18 ^h 42 ^m 54.657 ^s -7°58'58.982''	19.8	131	152.9	-14.6	23.5	-2.8	89.0	61
2020/06/08 21:01:51	1880 Mc-Crosky	15.8	15.29	1.90	118	1.6	36°10'02'' 48°59'27''	184	2.9 7.3	UCAC4 358-99717	13.60	17 ^h 30 ^m 58.236 ^s -18°31'43.611''	20.6	167	173.3	-16.9	35.2	4.3	88.7	86
2020/06/08 22:24:14	7360 Moberg	9.1	15.20	2.95	226	1.2	34°34'38'' 48°20'57''	213	0.0 5.4	UCAC4 296-148117	12.33	18 ^h 02 ^m 24.881 ^s -30°55'10.407''	9.1	180	165.6	-16.3	28.1	12.1	88.3	68
2020/06/08 23:02:13	1650 Heckmann	29.1	14.65	8.59	33	27.0	35°53'05'' 49°53'48''	240	20.8 39.4	HIP 100325	6.06	20 ^h 20 ^m 46.613 ^s -14°47'05.644''	21.5	153	134.1	-14.6	9.4	14.6	88.5	28

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 3		LinOccult 2.3.1			
		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}		
2020/06/09 00:06:11	4973 Showa	25.1	17.66	4.13	124	0.5	37°49'31" 50°33'47"	62	3.8	UCAC4 639-26053	13.56	5 ^h 31 ^m 04.216 ^s 37°42'05.901"	2.3	25	15.6	-9.7	143.3	17.0	87.8	229
2020/06/09 00:46:03	1082 Pirola	43.0	14.41	1.09	224	4.6	34°48'53" 51°50'00"	332	1.5	UCAC4 346-134657	13.81	18 ^h 17 ^m 30.441 ^s -20°55'04.590"	13.9	210	164.1	-5.6	26.1	17.2	87.6	101
2020/06/09 00:52:45	20745 AS185	8.3	16.68	3.14	239	0.8	38°24'25" 48°24'03"	140	0.2	UCAC4 354-118122	13.60	18 ^h 09 ^m 43.637 ^s -19°22'35.574"	14.1	214	165.5	-4.8	28.3	17.2	87.5	96
2020/06/09 00:53:18	1948 Kam-pala	9.1	15.66	2.16	110	1.1	34°46'37" 50°16'14"	283	1.9	UCAC4 288-155558	13.65	18 ^h 03 ^m 08.850 ^s -32°35'07.657"	1.3	210	164.7	-4.8	29.6	17.1	87.5	94
2020/06/09 18:59:25	16936 FJ112	12.0	16.84	3.16	176	0.9	37°27'32" 51°26'39"	28	1.4	UCAC4 353-119729	13.74	18 ^h 01 ^m 22.172 ^s -19°28'36.484"	7.5	133	168.1	-9.6	39.8	-18.0	81.9	127
2020/06/09 19:19:08	6634 1987 KB	10.0	14.40	2.18	98	1.7	35°37'28" 49°16'46"	209	1.5	UCAC4 388-113170	12.37	18 ^h 53 ^m 05.784 ^s -12°27'43.144"	9.4	122	153.9	-11.3	29.6	-15.0	81.9	55
2020/06/09 22:10:19	1720 Niels	9.1	15.74	4.17	178	0.9	36°14'22" 48°26'49"	181	0.4	UCAC4 338-107546	11.59	17 ^h 41 ^m 15.469 ^s -22°29'09.070"	17.6	182	173.5	-16.7	45.7	7.9	80.8	80
2020/06/09 23:21:54	805 Hornuthia	66.9	14.86	3.21	226	4.2	35°14'35" 51°58'07"	341	4.9	UCAC4 455-120821	11.71	22 ^h 58 ^m 32.841 ^s 0°57'33.194"	20.1	114	93.0	-13.2	35.9	14.7	80.4	133
2020/06/09 23:50:25	435 Ella	41.5	13.90	4.42	87	4.3	36°37'30" 49°17'40"	164	11.5	HIP 77369	9.50	15 ^h 47 ^m 37.640 ^s -22°05'20.675"	2.7	230	160.2	-11.0	72.4	16.6	80.2	87
2020/06/09 23:57:20	15519 XW	10.0	17.66	4.02	197	0.8	33°59'45" 51°03'12"	304	1.1	UCAC4 317-186546	13.67	18 ^h 26 ^m 37.349 ^s -26°39'47.775"	11.8	196	163.0	-10.4	36.2	17.0	80.2	141
2020/06/10 00:34:46	11183 GB7	8.7	16.38	2.53	214	0.9	33°59'55" 51°18'31"	311	0.2	UCAC4 364-144638	13.96	18 ^h 39 ^m 51.712 ^s -17°17'01.848"	19.6	204	159.0	-6.8	34.3	18.8	80.0	89
2020/06/10 01:15:20	5337 Aoki	15.1	16.02	2.96	129	1.6	36°23'20" 48°53'28"	177	2.8	UCAC4 362-156485	13.14	18 ^h 38 ^m 35.679 ^s -17°38'32.843"	15.9	214	159.4	-2.1	34.8	19.6	79.8	114
2020/06/10 18:26:34	3591 Vladimirskij	19.8	18.80	5.59	30	0.5	35°57'34" 49°52'43"	231	3.3	UCAC4 560-43896	13.22	7 ^h 50 ^m 42.470 ^s 21°56'55.832"	13.7	288	35.5	-6.2	153.5	-28.7	73.6	237
2020/06/10 19:06:37	11181 FG118	11.5	16.62	4.32	66	1.0	37°11'10" 50°11'43"	76	3.3	UCAC4 320-145207	12.32	18 ^h 11 ^m 28.034 ^s -26°10'21.055"	1.8	136	167.2	-10.2	49.6	-22.4	73.4	116
2020/06/10 22:36:06	3779 Kieffer	15.8	16.35	3.95	192	2.0	34°11'43" 48°59'14"	232	1.5	UCAC4 281-218733	12.43	20 ^h 40 ^m 36.035 ^s -33°49'57.898"	0.6	151	134.5	-15.7	22.8	8.1	72.0	119
2020/06/10 23:31:35	11052 WM	10.5	16.66	3.21	11	1.2	36°08'17" 50°03'24"	275	3.9	UCAC4 339-181345	13.50	19 ^h 17 ^m 48.114 ^s -22°15'18.052"	17.8	180	152.3	-12.5	36.9	14.2	71.7	107
2020/06/10 23:51:38	1883 Rimito	8.7	16.85	5.90	193	0.6	33°39'52" 50°30'08"	285	0.6	TYC 7402-1503-1	10.96	18 ^h 33 ^m 15.246 ^s -34°54'36.370"	4.0	193	159.7	-10.9	47.9	16.1	71.6	102
2020/06/10 23:52:02	11181 FG118	11.5	16.61	3.04	14	1.0	36°07'17" 50°06'35"	300	3.9	UCAC4 320-144659	13.64	18 ^h 11 ^m 17.780 ^s -26°10'14.575"	11.6	199	167.4	-10.8	52.1	16.2	71.6	116
2020/06/11 00:24:08	6828 Elbsteel	8.3	17.57	5.15	184	0.7	37°43'28" 48°41'05"	146	0.8	UCAC4 360-156934	12.43	18 ^h 30 ^m 28.559 ^s -18°07'38.752"	18.6	205	162.3	-7.8	48.6	18.8	71.4	119
2020/06/11 01:06:38	18952 QF105	11.5	16.28	2.63	221	1.0	38°46'51" 48°53'38"	126	0.6	UCAC4 322-120046	13.76	17 ^h 50 ^m 19.755 ^s -25°36'29.003"	4.5	220	172.2	-3.1	57.5	21.4	71.1	114

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 4		LinOccult 2.3.1			
		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}	
2020/06/11 01:15:39	550 Senta	37.8	12.86	0.52	2	3.1	36°16'10" 50°03'32"	316	17.3	UCAC4 429-116549	13.39	21 ^h 59 ^m 14.888 ^s -4°21'01.776"	34.3	162	109.8	-2.0	12.8	21.8	71.1	86	
2020/06/11 01:22:29	2653 Principia	20.5	15.34	3.25	178	2.0	37°17'26" 48°35'32"	156	1.9	UCAC4 372-81903	12.15	17 ^h 14 ^m 42.479 ^s -15°45'20.458"	6.9	235	172.7	-1.2	67.4	22.1	71.0	106	
2020/06/11 19:22:21	922 Schlutia	12.6	15.26	3.00	234	1.6	37°45'53" 51°56'01"	27	0.2	UCAC4 391-91914	12.33	18 ^h 29 ^m 29.758 ^s -11°52'33.939"	14.4	129	160.2	-11.4	59.3	-24.3	64.1	91	
2020/06/11 20:43:14	6212 Franzthaler	9.1	15.96	2.44	59	1.2	36°44'01" 50°29'44"	33	3.2	UCAC4 410-115430	13.64	19 ^h 09 ^m 07.230 ^s -8°00'23.537"	22.7	137	150.0	-16.2	51.0	-11.5	63.6	93	
2020/06/11 20:44:55	185 Eunike	157.5	12.09	0.88	131	19.7	36°15'20" 51°13'18"	359	28.6	UCAC4 482-92962	11.84	19 ^h 15 ^m 31.183 ^s 6°13'57.545"	34.7	128	139.5	-16.2	53.8	-11.3	63.6	103	
2020/06/11 20:20:18	4533 Orth	8.7	17.68	4.83	43	0.8	36°08'20" 49°40'36"	194	2.8	UCAC4 498-108882	12.86	19 ^h 25 ^m 24.494 ^s 9°34'20.952"	38.5	128	135.3	-16.7	53.0	-8.6	63.5	118	
2020/06/11 22:06:46	920 Rogeria	23.9	15.55	1.88	110	2.0	35°47'07" 49°06'54"	199	5.2	UCAC4 419-76334	13.89	18 ^h 14 ^m 24.100 ^s -6°17'49.825"	33.7	174	158.9	-16.6	65.4	1.2	63.0	117	
2020/06/12 00:24:33	4665 Muinonen	10.5	15.71	5.31	131	1.1	36°09'18" 48°52'38"	184	1.8	UCAC4 359-83455	10.40	17 ^h 06 ^m 21.797 ^s -18°13'56.008"	10.4	225	173.9	-7.7	80.6	18.6	62.1	101	
2020/06/12 00:42:25	2707 Ueferji	26.5	16.96	5.96	59	2.4	36°47'00" 49°37'32"	143	6.8	TYC 6874-1055-1	11.01	19 ^h 08 ^m 53.907 ^s -23°42'43.319"	14.1	199	155.5	-5.9	51.8	20.4	62.0	143	
2020/06/12 21:03:48	34369 2000 RA42	8.3	17.26	4.34	230	0.7	38°40'22" 51°27'28"	47	0.5	UCAC4 326-96488	12.94	17 ^h 08 ^m 43.193 ^s -24°49'06.257"	15.2	177	175.8	-16.6	89.2	-11.8	53.9	127	
2020/06/12 22:52:15	1744 Harriet	14.1	18.56	7.03	198	0.6	35°31'47" 51°45'30"	344	1.4	UCAC4 446-476	11.53	0 ^h 22 ^m 47.268 ^s 0° - 59°04.822"	2.7	95	77.3	-14.9	16.2	5.1	53.1	135	
2020/06/13 20:51:36	1484 Postrema	44.9	14.44	1.14	232	4.0	39°24'45" 50°38'31"	74	1.1	UCAC4 282-201931	13.77	19 ^h 02 ^m 00.368 ^s -33°44'58.051"	1.1	153	157.2	-16.3	75.8	-16.6	44.4	97	
2020/06/13 22:43:51	6634 1987 KB	10.0	14.27	1.60	206	1.7	38°57'54" 50°45'09"	68	0.0	UCAC4 392-97979	12.95	18 ^h 50 ^m 47.479 ^s -11°38'09.109"	28.4	177	157.5	-15.3	79.1	1.2	43.7	54	
2020/06/13 23:30:46	21555 Levary	9.5	18.05	5.17	69	0.8	36°46'45" 50°34'50"	31	2.3	UCAC4 439-92270	12.89	19 ^h 09 ^m 48.037 ^s -2°18'15.167"	37.7	185	148.0	-12.4	75.4	8.5	43.4	147	
2020/06/14 19:28:21	3312 Pedersen	32.7	16.04	2.79	23	7.6	36°00'55" 49°56'06"	237	11.5	UCAC4 430-113838	13.34	20 ^h 45 ^m 40.974 ^s -4°11'19.017"	3.5	101	129.9	-11.7	60.4	-30.0	35.8	111	
2020/06/14 21:36:28	15104 2000 BV3	9.1	16.91	3.20	243	0.8	34°36'32" 51°57'34"	331	0.3	UCAC4 360-168940	13.77	18 ^h 40 ^m 58.850 ^s -18°02'23.082"	20.5	164	163.5	-16.8	92.5	-12.1	34.8	107	
2020/06/14 22:09:00	5185 Alerossi	10.0	17.05	4.08	52	1.2	35°56'28" 49°38'13"	208	3.2	UCAC4 403-123728	13.00	19 ^h 46 ^m 11.385 ^s -9°34'07.914"	26.8	153	145.6	-16.4	76.8	-7.0	34.7	111	
2020/06/15 00:46:04	7050 1982 FE3	9.1	15.93	2.84	96	1.6	37°25'26" 49°35'39"	122	2.2	UCAC4 275-203120	13.18	19 ^h 28 ^m 38.899 ^s -35°04'18.132"	3.3	196	152.5	-5.4	84.1	17.6	33.6	82	
2020/06/15 00:58:12	27359 2000 DT106	9.5	17.90	4.46	187	0.7	35°24'15" 51°38'04"	340	1.2	UCAC4 401-73718	13.46	17 ^h 56 ^m 20.485 ^s -9°54'47.439"	18.2	228	165.6	-4.0	105.3	19.4	33.5	154	
2020/06/15 20:21:37	53420 1999 RH4	8.3	17.12	3.76	90	0.8	35°27'25" 49°26'38"	221	2.1	UCAC4 320-205885	13.40	18 ^h 53 ^m 38.132 ^s -26°05'47.762"	7.1	147	162.6	-15.0	100.7	-24.2	26.6	113	

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 5		LinOccult 2.3.1				
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}
2020/06/15 20:51:11	1908 Pobeda	21.8	15.03	1.58	236	2.0	34°46'48" 48°10'29"	207	0.8	UCAC4 297-141863	13.74	18 ^h 00 ^m 58.818 ^s -30°36'00.756"	8.1	166	171.0	-16.2	112.2	-20.4	26.4	109
2020/06/15 21:09:28	8653 1990 KE	8.7	16.80	3.16	135	1.0	35°39'43" 48°54'19"	199	1.3	UCAC4 456-83629	13.70	19 ^h 07 ^m 46.557 ^s 1°09'54.674"	35.5	144	147.2	-16.6	96.5	-18.0	26.3	95
2020/06/15 21:38:44	13977 Frisch	11.0	15.27	2.08	153	1.4	37°26'09" 51°12'59"	32	0.6	UCAC4 475-81188	13.36	18 ^h 28 ^m 35.612 ^s 4°50'55.133"	44.0	164	149.2	-16.8	106.1	-13.9	26.1	71
2020/06/15 23:03:34	1717 Arlon	12.0	15.46	1.74	220	1.1	34°03'46" 51°25'51"	314	0.2	UCAC4 285-176194	13.96	18 ^h 17 ^m 52.297 ^s -33°11'14.487"	6.1	190	166.8	-14.2	109.4	-1.0	25.6	82
2020/06/15 23:15:07	1357 Khama	50.2	15.27	1.70	266	3.7	33°26'53" 51°37'33"	311	2.1	UCAC4 328-120047	13.82	17 ^h 50 ^m 03.274 ^s -24°33'52.408"	12.9	201	177.0	-13.5	116.7	0.8	25.5	133
2020/06/15 23:40:42	11183 1998 GB7	8.7	16.21	4.27	21	0.8	36°26'37" 49°53'14"	148	3.8	UCAC4 361-156294	11.96	18 ^h 34 ^m 52.800 ^s -17°54'54.146"	20.4	198	165.7	-11.6	106.8	4.9	25.3	88
2020/06/16 00:33:04	167 Urda	39.9	12.81	0.52	168	3.7	37°17'23" 48°40'60"	155	3.9	UNKNOWN UN- KNOWN	13.33	17 ^h 32 ^m 19.132 ^s -19°49'18.762"	9.2	223	176.3	-6.8	121.9	13.2	25.0	100
2020/06/16 17:54:25	3637 O'Meara	13.1	14.66	1.58	42	1.6	36°10'16" 49°40'52"	191	6.0	UCAC4 448-80491	13.36	18 ^h 18 ^m 17.941 ^s 0° - 26'44.046"	15.9	111	155.4	-2.1	118.2	-31.4	19.4	74
2020/06/16 20:49:05	1233 Kobresia	33.5	14.45	1.48	24	3.6	36°09'27" 49°50'60"	203	15.1	UCAC4 315-147770	13.30	18 ^h 08 ^m 46.998 ^s -27°03'27.789"	11.3	164	172.9	-16.1	122.8	-21.5	18.4	84
2020/06/16 22:49:48	3006 Livadia	11.1	17.49	4.51	191	1.0	37°35'24" 48°33'24"	151	0.5	UCAC4 314-94138	13.00	16 ^h 53 ^m 19.244 ^s -27°20'08.639"	7.9	208	168.2	-14.9	140.2	-5.7	17.8	91
2020/06/16 23:45:32	20825 2000 UN11	8.3	18.41	4.59	154	0.5	34°17'50" 50°36'04"	293	1.3	UCAC4 279-142121	13.84	17 ^h 56 ^m 29.664 ^s -34°22'48.914"	1.8	204	168.5	-11.2	125.6	2.8	17.5	158
2020/06/17 19:41:00	7530 Mizu-sawa	10.5	16.02	4.40	23	1.1	36°19'55" 49°50'30"	172	4.6	UCAC4 451-74576	11.64	18 ^h 01 ^m 20.463 ^s 0°09'13.170"	33.2	140	156.2	-12.5	133.4	-25.7	11.8	88
2020/06/17 19:41:54	4490 Bam-bery	8.3	15.94	2.89	215	0.8	34°14'45" 51°28'55"	318	0.0	UCAC4 511-73615	13.13	18 ^h 17 ^m 31.437 ^s 12°03'29.032"	42.0	129	143.7	-12.6	125.1	-25.7	11.8	65
2020/06/17 20:47:02	122962 2000 SG215	10.5	19.42	5.60	22	0.9	36°30'25" 50°10'60"	46	1.5	UCAC4 336-76997	13.83	15 ^h 41 ^m 48.433 ^s -22°53'16.448"	15.2	198	151.5	-16.0	167.0	-21.7	11.5	285
2020/06/17 23:05:41	700 Auravic-trix	15.4	13.43	0.64	252	1.8	33°35'36" 51°32'36"	311	0.0	UCAC4 339-144275	13.66	18 ^h 28 ^m 32.376 ^s -22°12'13.106"	17.1	192	170.3	-14.0	132.0	-6.0	10.9	63
2020/06/18 21:20:49	2416 Sharonov	27.8	15.45	3.14	12	2.7	36°17'15" 49°56'09"	180	7.9	UCAC4 415-67327	12.38	16 ^h 46 ^m 30.838 ^s -7°08'43.963"	32.0	195	157.7	-16.7	163.3	-18.8	5.9	139
2020/06/18 22:59:24	1948 Kam-pala	9.1	15.55	2.02	39	1.0	36°45'41" 49°52'55"	119	3.5	UNKNOWN UN- KNOWN	13.71	17 ^h 52 ^m 24.009 ^s -32°51'34.134"	5.2	197	170.5	-14.4	150.0	-9.4	5.6	95
2020/06/19 01:27:37	699 Hela	18.2	12.89	0.89	164	2.1	34°02'15" 50°22'32"	283	0.3	UCAC4 430-85595	12.63	18 ^h 54 ^m 31.297 ^s -4°05'43.623"	24.9	228	155.4	-0.5	135.4	11.0	5.1	61
2020/06/19 18:21:46	7750 McEwen	12.4	14.78	1.70	32	1.4	35°52'22" 49°57'02"	250	6.8	UCAC4 404-78848	13.34	18 ^h 30 ^m 25.623 ^s -9°21'16.031"	12.6	122	163.5	-5.1	150.6	-15.1	2.5	65
2020/06/19 19:36:24	12559 1998 QB69	15.8	16.08	3.91	76	1.2	37°19'32" 49°54'42"	102	3.2	UCAC4 279-126145	12.20	17 ^h 46 ^m 05.806 ^s -34°19'14.696"	2.2	157	168.9	-12.1	160.0	-18.9	2.3	180

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 6		LinOccult 2.3.1			
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}
2020/06/19 23:58:53	19078 5187 T- 3	8.7	17.72	4.92	242	0.6	37°50'28'' 48°07'51''	152	0.5	UCAC4 272-166180	12.82	18 ^h 23 ^m 55.667 ^s -35°44'35.261''	0.6	203	166.1	-10.1	154.8	-5.4	1.7	137
2020/06/20 23:01:28	5337 Aoki	15.1	15.80	2.50	127	1.4	36°01'15'' 48°55'23''	189	2.8	UCAC4 364-133189	13.41	18 ^h 30 ^m 19.382 ^s -17°21'30.161''	21.6	194	170.5	-14.3	167.4	-13.6	0.1	112
2020/06/20 23:30:16	803 Picka	46.5	14.01	3.23	69	5.4	36°41'31'' 50°36'33''	25	13.5	UCAC4 387-135259	10.84	19 ^h 56 ^m 57.498 ^s -12°45'38.876''	27.3	179	150.1	-12.4	146.7	-11.5	0.1	114
2020/06/21 00:34:27	5995 Saint- Aignan	8.3	16.16	3.86	89	0.7	37°19'31'' 49°36'19''	124	2.3	UCAC4 339-162415	12.33	18 ^h 42 ^m 21.457 ^s -22°12'32.274''	11.8	212	170.0	-6.7	167.0	-5.4	0.1	87
2020/06/21 01:11:10	1924 Horus	12.3	16.94	3.27	219	1.2	38°31'56'' 48°43'52''	132	0.2	UCAC4 316-223710	13.72	19 ^h 04 ^m 38.563 ^s -26°53'54.979''	6.2	213	164.8	-2.5	162.2	-1.2	0.1	86
2020/06/21 01:26:23	2604 Marshak	18.0	14.78	1.40	196	2.7	37°56'31'' 48°39'00''	143	0.0	UCAC4 411-96383	13.73	18 ^h 52 ^m 43.268 ^s -7°58'00.316''	20.5	228	160.0	-0.7	158.3	0.6	0.0	52
2020/06/21 18:30:43	1908 Pobeda	21.8	14.99	1.45	171	2.0	35°48'16'' 48°32'34''	192	2.3	UNKNOWN UN- KNOWN	13.88	17 ^h 55 ^m 17.689 ^s -30°38'58.640''	0.3	143	172.5	-6.0	170.1	-2.6	0.3	108
2020/06/21 20:55:56	1215 Boyer	20.9	15.95	2.24	83	2.7	36°55'46'' 49°25'57''	146	5.1	UCAC4 479-54184	13.86	14 ^h 36 ^m 11.149 ^s 5°38'03.481''	33.6	233	121.8	-16.2	114.8	-14.4	0.4	134
2020/06/22 01:29:13	2054 Gawain	24.5	17.10	3.72	162	1.9	34°48'44'' 51°09'26''	320	3.4	UCAC4 325-169233	13.42	18 ^h 28 ^m 00.091 ^s -25°03'06.045''	1.9	226	174.2	-0.3	176.0	-4.7	0.7	127
2020/06/22 19:01:13	1321 Majuba	36.3	13.53	0.80	211	4.0	39°01'32'' 50°47'09''	67	1.0	UCAC4 272-102582	13.44	17 ^h 15 ^m 44.322 ^s -35°39'01.729''	1.4	159	163.5	-9.1	149.3	0.2	2.6	89
2020/06/22 19:58:36	20866 2000 VP37	8.7	16.70	5.79	167	0.6	37°54'34'' 51°08'10''	44	0.9	UCAC4 359-118420	10.92	17 ^h 50 ^m 11.791 ^s -18°19'12.820''	19.5	160	173.6	-13.6	156.2	-6.2	2.7	104
2020/06/22 22:11:01	4301 Boyden	10.0	17.05	4.04	202	0.8	37°17'09'' 48°21'26''	159	0.9	UCAC4 323-123703	13.04	17 ^h 53 ^m 25.460 ^s -25°27'13.518''	13.8	191	176.2	-16.3	156.8	-15.5	3.1	126
2020/06/22 22:15:14	20711 1999 XF12	9.1	18.78	5.20	244	0.5	35°31'16'' 47°55'06''	193	0.8	UCAC4 428-83674	13.59	18 ^h 46 ^m 06.372 ^s -4°35'47.690''	35.5	180	159.0	-16.2	157.5	-15.6	3.1	176
2020/06/22 23:26:11	10353 Momo- taro	9.5	17.08	3.28	158	0.8	37°38'17'' 48°55'35''	142	1.3	UCAC4 335-92200	13.86	17 ^h 04 ^m 09.611 ^s -23°09'49.636''	7.4	220	165.5	-12.7	144.7	-16.4	3.3	121
2020/06/22 23:29:30	11734 1998 KM55	10.5	17.09	4.00	27	0.9	36°26'21'' 50°16'05''	24	3.6	UCAC4 429-101799	13.12	19 ^h 41 ^m 13.637 ^s -4°23'32.560''	35.6	186	150.4	-12.5	160.7	-16.3	3.3	114
2020/06/22 23:38:00	936 Kuni- gunde	39.6	15.39	1.81	187	2.5	37°18'44'' 48°30'26''	157	4.5	UCAC4 433-122923	13.81	23 ^h 53 ^m 41.759 ^s -3°34'55.659''	18.2	119	94.6	-11.9	115.4	-16.2	3.3	136
2020/06/22 23:58:50	21372 1997 TM28	14.5	19.63	5.75	108	1.3	35°20'25'' 50°48'40''	321	1.8	UCAC4 466-137895	13.89	23 ^h 46 ^m 38.074 ^s 3°10'34.086''	27.7	122	93.5	-10.2	114.2	-15.6	3.4	300
2020/06/22 23:59:18	7360 Moberg	9.1	15.08	2.95	19	1.1	36°06'40'' 49°55'04''	221	5.2	UCAC4 299-130207	12.20	17 ^h 46 ^m 15.461 ^s -30°20'49.830''	1.8	215	171.5	-10.1	153.9	-15.6	3.4	68
2020/06/23 00:58:18	15519 1999 XW	10.0	17.38	3.59	200	0.7	38°28'53'' 48°56'53''	128	1.0	UCAC4 313-185645	13.83	18 ^h 15 ^m 49.327 ^s -27°24'28.859''	1.5	222	175.5	-4.1	160.2	-12.7	3.5	139
2020/06/23 18:25:40	4490 Bam- bery	8.3	15.89	3.50	223	0.7	38°43'02'' 48°49'01''	128	0.0	UCAC4 506-73833	12.43	18 ^h 10 ^m 24.046 ^s 11°09'34.609''	35.1	118	145.4	-5.5	133.1	11.4	7.0	64

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 7		LinOccult 2.3.1				
		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}
2020/06/23 18:26:59	16494 Oka	8.3	18.52	5.28	67	0.6	35°33'33" 49°39'54"	231	1.9	UCAC4 478-53437	13.25	12 ^h 49 ^m 34.584 ^s 5°26'47.969"	37.7	223	96.7	-5.6	66.0	11.2	7.0	157
2020/06/23 21:17:12	6458 Nouda	8.3	16.42	2.61	49	1.2	36°05'46" 49°37'34"	196	3.4	UCAC4 470-109863	13.91	19 ^h 41 ^m 40.199 ^s 3°50'03.242"	38.5	144	144.9	-16.6	151.4	-9.9	7.7	81
2020/06/23 22:21:51	1883 Rimito	8.7	16.65	3.25	29	0.6	35°53'03" 50°02'37"	269	3.4	UCAC4 265-165841	13.46	18 ^h 17 ^m 00.503 ^s -37°00'05.711"	2.6	188	166.3	-16.0	146.9	-15.0	8.0	99
2020/06/23 22:50:34	15104 2000 BV3	9.1	16.69	3.25	199	0.8	34°31'01" 51°26'25"	321	0.6	UCAC4 358-155496	13.49	18 ^h 33 ^m 12.203 ^s -18°32'46.992"	20.5	193	173.0	-14.9	151.3	-16.6	8.1	105
2020/06/23 23:26:28	7750 McEwen	12.4	14.71	2.41	63	1.5	35°25'15" 49°56'27"	259	4.8	UCAC4 409-77024	12.43	18 ^h 26 ^m 56.185 ^s -8°14'16.193"	28.3	207	164.4	-12.7	146.1	-17.8	8.2	64
2020/06/24 00:07:56	1955 McMath	12.6	16.49	2.92	118	1.3	37°09'57" 49°09'30"	148	2.6	UCAC4 349-179421	13.64	19 ^h 47 ^m 50.314 ^s -20°23'00.481"	18.6	194	157.5	-9.4	168.2	-18.3	8.5	111
2020/06/24 00:16:07	2659 Millis	26.5	16.50	3.03	21	2.1	36°06'54" 50°12'16"	325	6.1	UCAC4 343-99277	13.54	17 ^h 27 ^m 06.677 ^s -21°25'55.625"	5.5	227	169.5	-8.6	135.7	-18.3	8.5	172
2020/06/24 01:06:20	7083 Kant	12.3	17.57	4.05	218	0.6	38°34'41" 48°46'49"	131	0.8	UCAC4 492-18	13.55	0 ^h 00 ^m 30.866 ^s 8°13'11.467"	39.4	133	89.3	-3.2	122.5	-17.1	8.7	119
2020/06/24 21:14:32	9444 1997 JA	8.3	17.43	3.88	224	0.7	36°36'59" 48°02'51"	174	0.6	UCAC4 331-160054	13.59	18 ^h 28 ^m 34.723 ^s -23°54'33.746"	15.8	172	176.9	-16.6	138.2	-6.3	14.6	129
2020/06/25 00:22:50	2781 Kleczek	13.8	17.02	3.25	65	1.0	37°09'17" 49°52'06"	108	3.5	UCAC4 349-96016	13.82	17 ^h 20 ^m 35.551 ^s -20°16'27.860"	4.4	231	166.8	-8.0	120.3	-21.1	15.7	143
2020/06/25 01:29:51	668 Dora	26.8	14.87	2.13	48	3.2	36°02'08" 50°26'54"	338	9.7	UCAC4 384-92875	12.91	17 ^h 53 ^m 52.417 ^s -13°23'16.225"	5.6	241	168.7	-0.4	126.0	-21.3	16.1	97
2020/06/25 19:43:18	7750 McEwen	12.4	14.70	2.86	123	1.5	37°33'21" 50°47'60"	47	1.2	UCAC4 412-76158	11.92	18 ^h 25 ^m 21.709 ^s -7°45'36.462"	26.8	147	164.4	-12.6	122.3	10.8	22.8	63
2020/06/25 20:47:50	4043 Perolof	11.0	16.29	3.98	243	1.0	34°12'37" 48°20'02"	218	0.3	UCAC4 313-231192	12.34	18 ^h 43 ^m 02.406 ^s -27°27'38.359"	11.0	164	173.2	-16.0	127.9	1.0	23.2	109
2020/06/25 22:49:40	6484 Barthibbs	9.5	16.78	3.00	26	0.7	36°31'32" 49°52'05"	139	3.4	UCAC4 357-91485	13.85	17 ^h 21 ^m 06.529 ^s -18°42'17.844"	15.4	212	165.6	-15.0	107.2	-14.9	24.1	108
2020/06/26 00:40:56	57108 2001 OS74	10.0	16.95	4.07	237	0.8	36°09'27" 52°10'41"	358	0.5	UCAC4 356-184260	12.90	19 ^h 22 ^m 13.697 ^s -18°50'35.617"	16.1	210	164.9	-6.2	134.6	-24.0	24.8	124
2020/06/26 18:00:17	3219 Komaki	15.1	15.62	2.88	230	1.7	39°01'29" 51°10'03"	58	0.5	UNKNOWN UN- KNOWN	12.82	16 ^h 58 ^m 29.602 ^s -27°22'11.182"	7.3	151	160.5	-2.5	92.6	31.0	32.2	105
2020/06/26 20:33:34	4726 Federer	9.1	16.69	3.95	33	1.4	35°59'05" 49°49'12"	220	3.6	UCAC4 336-79906	12.76	16 ^h 07 ^m 32.168 ^s -22°55'45.028"	15.4	197	148.8	-15.5	78.8	7.1	33.3	97
2020/06/26 21:06:55	208 Lac-rimosa	41.3	13.84	1.06	61	7.4	36°08'22" 49°30'13"	190	12.1	UCAC4 343-77033	13.30	15 ^h 34 ^m 34.886 ^s -21°33'30.724"	12.1	213	141.0	-16.5	70.8	1.9	33.6	119
2020/06/27 18:03:30	1977 Shura	60.8	15.47	3.06	231	8.3	33°19'12" 49°16'17"	248	2.5	UCAC4 284-88071	12.48	16 ^h 18 ^m 00.450 ^s -33°12'27.257"	4.8	162	150.0	-2.9	71.8	32.9	43.2	109
2020/06/27 19:03:11	2483 Guine-vere	44.2	18.13	4.89	199	14.7	33°30'46" 49°53'04"	265	5.0	UCAC4 372-66386	13.26	14 ^h 13 ^m 08.366 ^s -15°42'10.761"	20.7	206	120.1	-9.3	38.3	24.7	43.7	268

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 8		LinOccult 2.3.1			
		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}
2020/06/27 19:50:24	38548 1999 VK47	12.6	15.97	2.23	80	1.0	35°25'33" 49°35'50"	231	3.5	UCAC4 362-149605	13.88	18 ^h 32 ^m 32.450 ^s -17°46'41.940"	18.0	152	174.4	-13.1	97.8	17.5	44.1	111
2020/06/27 20:53:02	9164 Colbert	8.3	17.70	4.00	242	0.6	37°32'06" 52°04'30"	22	0.5	UNKNOWN UN- KNOWN	13.73	18 ^h 03 ^m 40.005 ^s -27°38'14.084"	12.3	176	173.0	-16.2	91.1	7.7	44.7	137
2020/06/28 01:22:57	3686 Antoku	17.0	16.70	3.12	97	3.6	37°19'25" 49°29'09"	130	3.7	UCAC4 382-159627	13.64	21 ^h 23 ^m 09.675 ^s -13°43'57.469"	25.4	194	137.7	-1.4	135.5	-30.1	46.9	146
2020/06/28 18:37:49	1895 Larink	17.5	17.44	3.51	125	1.2	35°25'34" 49°04'27"	210	3.3	UCAC4 325-116201	13.98	17 ^h 44 ^m 27.883 ^s -25°07'55.774"	9.4	150	169.1	-6.8	73.8	29.6	55.1	148
2020/06/28 18:57:02	2604 Marshak	18.0	14.63	1.19	123	2.3	38°00'27" 50°05'45"	87	0.8	UCAC4 402-86750	13.88	18 ^h 46 ^m 27.598 ^s -9°38'23.119"	19.3	134	166.0	-8.7	87.4	27.3	55.3	52
2020/06/28 19:04:49	2648 Owa	8.3	16.23	2.81	175	0.9	37°06'12" 51°31'52"	19	0.4	UCAC4 350-182613	13.50	19 ^h 47 ^m 17.914 ^s -20°02'10.921"	3.8	128	162.1	-9.5	101.8	26.3	55.3	80
2020/06/28 22:14:27	12387 Tomoko-fujiwara	9.5	16.98	3.11	227	0.7	37°25'58" 51°57'04"	21	0.4	UCAC4 436-81461	13.94	18 ^h 50 ^m 49.634 ^s -2°50'20.018"	37.1	186	159.1	-16.4	86.8	-1.9	56.8	110
2020/06/28 23:00:33	13977 Frisch	11.0	15.17	2.01	145	1.5	36°42'02" 51°19'21"	12	0.7	UCAC4 479-77008	13.34	18 ^h 17 ^m 32.394 ^s 5°38'37.688"	41.2	213	150.9	-14.6	78.3	-9.2	57.2	69
2020/06/28 23:08:09	17296 3541 P-L	9.1	16.04	2.36	107	1.5	36°58'15" 50°54'08"	27	1.9	UCAC4 327-191116	13.81	20 ^h 06 ^m 40.457 ^s -24°40'29.647"	15.4	179	158.4	-14.2	103.3	-10.4	57.2	85
2020/06/29 01:27:09	1695 Walbeck	19.6	16.85	3.47	176	0.6	34°53'58" 51°21'49"	326	2.5	UCAC4 552-3052	13.43	1 ^h 30 ^m 19.647 ^s 20°21'37.715"	42.8	111	69.4	-1.0	161.0	-30.4	58.4	141
2020/06/29 18:21:10	3527 McCord	9.5	15.00	1.86	81	1.2	36°41'34" 50°43'30"	21	2.8	UCAC4 378-110408	13.35	18 ^h 23 ^m 26.487 ^s -14°27'58.200"	14.0	134	170.9	-5.0	68.3	30.6	66.2	67
2020/06/29 23:47:53	3701 Purkyne	10.5	17.47	4.95	42	1.3	36°16'13" 50°25'31"	358	3.2	UCAC4 413-148104	12.53	23 ^h 23 ^m 28.267 ^s -7°30'45.830"	23.3	137	109.7	-11.4	138.4	-13.3	68.7	124
2020/06/30 00:02:13	2464 Norden-skiold	20.0	17.13	3.94	213	1.3	38°10'45" 48°35'16"	140	2.0	UCAC4 329-168130	13.22	18 ^h 41 ^m 54.592 ^s -24°14'40.443"	9.6	212	178.3	-10.2	69.2	-15.6	68.8	157
2020/06/30 00:40:46	614 Pia	25.8	15.12	1.67	155	2.1	35°42'42" 51°23'41"	345	3.7	UCAC4 387-120234	13.72	19 ^h 06 ^m 49.744 ^s -12°39'28.380"	19.0	220	167.3	-6.4	75.1	-21.6	69.1	122
2020/06/30 01:00:45	38457 1999 TJ9	9.1	17.50	4.06	231	0.8	36°53'02" 48°00'30"	169	0.6	UCAC4 406-74624	13.47	17 ^h 52 ^m 41.394 ^s -8°58'52.282"	10.4	242	162.3	-4.2	57.0	-24.6	69.3	127
2020/06/30 18:15:52	5941 Valencia	8.3	17.09	3.55	203	0.7	38°07'07" 51°27'12"	40	0.6	UCAC4 346-172101	13.58	19 ^h 03 ^m 27.565 ^s -20°50'14.708"	3.5	129	174.1	-4.5	63.5	28.1	76.6	116
2020/06/30 20:11:53	597 Bandusia	36.1	12.81	1.52	12	3.9	36°26'53" 50°02'51"	90	16.6	UCAC4 253-110591	11.59	17 ^h 14 ^m 31.638 ^s -39°34'47.070"	0.5	180	155.5	-14.6	43.1	20.1	77.4	85

