

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 2.2.0 BETA
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 114

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1			Page 1			LinOccult 2.2.0 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}			
2021/02/01 03:25:14	22845 1999 RA115	6.0	17.66	6.50	19	0.6	36°02'15" 50°05'53"	288	1.6	TYC 191500858	11.16	7 ^h 33 ^m 16.001 ^s 24°56'49.617"	9.4	298	158.6	-16.5	63.9	34.5	86.6	152			
2021/02/01 21:26:59	64774 2001 XU182	5.3	19.66	7.88	71	0.5	36°02'12" 50°39'45"	345	0.9	UCAC2 31514164	11.78	13 ^h 57 ^m 03.384 ^s 0° - 46'24.104"	6.5	99	105.2	-56.8	22.3	22.5	80.3	240			
2021/02/01 22:23:03	21910 1999 VT23	6.0	17.85	6.07	173	0.7	34°37'19" 48°56'02"	224	0.8	TYC 133200404	11.78	6 ^h 25 ^m 55.337 ^s 17°05'30.393"	39.7	247	142.8	-56.3	90.5	29.8	79.9	150			
2021/02/02 03:05:29	1379 Lomonosowa	21.0	16.01	3.18	31	0.5	36°10'25" 49°46'39"	195	3.5	UCAC2 28046873	12.89	17 ^h 29 ^m 05.138 ^s -10°51'33.046"	16.7	131	52.0	-19.5	72.7	36.5	78.1	240			
2021/02/02 14:27:44	73510 2002 UQ	7.0	17.18	5.10	132	0.6	35°34'25" 51°08'31"	337	1.3	TYC 194000548	12.09	8 ^h 20 ^m 06.954 ^s 28°27'32.439"	16.2	65	164.4	-0.5	74.4	-41.4	73.6	148			
2021/02/02 17:28:45	2868 Upupa	25.3	16.72	3.21	239	2.0	36°35'34" 47°54'48"	175	1.9	UCAC2 37180834	13.57	9 ^h 20 ^m 40.858 ^s 15°11'49.629"	25.4	96	176.0	-28.9	59.7	-24.6	72.3	150			
2021/02/02 17:38:13	43782 1989 US2	5.1	18.05	6.92	174	0.8	37°34'21" 48°43'37"	148	0.7	UCAC2 35149490	11.13	4 ^h 48 ^m 40.744 ^s 9°34'24.597"	49.7	183	117.4	-30.4	125.6	-23.3	72.2	139			
2021/02/02 20:18:22	0 2003 TH58	106.2	23.20	10.50	270	5.5	35°29'33" 47°40'55"	192	0.7	UCAC2 35357571	12.70	6 ^h 24 ^m 41.383 ^s 10°00'28.754"	47.5	207	140.4	-52.2	103.5	0.5	71.0	6184			
2021/02/02 23:02:09	27201 1999 CR70	6.3	16.87	5.41	221	0.9	39°02'34" 49°11'16"	116	0.4	TYC 15801248	11.47	6 ^h 33 ^m 53.340 ^s 6°19'46.859"	25.9	247	141.4	-53.5	102.6	23.3	69.9	119			
2021/02/03 04:43:25	2621 Goto	46.5	17.04	3.82	256	1.1	38°11'48" 52°00'45"	32	4.1	UCAC2 23227365	13.26	18 ^h 41 ^m 04.694 ^s -21°50'43.760"	10.1	143	34.8	-3.9	75.4	26.1	67.3	331			
2021/02/03 14:51:41	1119 Euboea	31.5	16.81	6.64	135	1.9	37°16'45" 49°00'53"	148	4.6	TYC 122300074	10.17	2 ^h 41 ^m 08.675 ^s 16°31'53.429"	56.2	168	88.3	-3.8	166.2	-48.0	62.7	226			
2021/02/03 15:06:03	23120 Paulallen	11.0	16.60	4.49	252	1.4	33°16'21" 51°16'01"	302	0.7	UCAC2 40164391	12.12	6 ^h 33 ^m 47.126 ^s 23°48'54.094"	36.1	95	143.0	-6.0	112.4	-47.7	62.6	152			
2021/02/03 15:36:54	18263 Anchia- los	17.4	19.19	6.99	74	0.8	36°23'23" 49°23'12"	174	1.6	UCAC2 39253788	12.20	1 ^h 39 ^m 20.802 ^s 21°23'29.245"	57.6	216	76.3	-10.8	165.9	-46.5	62.4	436			
2021/02/03 22:34:30	4651 Wongk- wancheng	7.9	17.43	5.80	192	1.5	35°00'57" 48°32'18"	208	1.0	UCAC2 39117606	11.64	6 ^h 25 ^m 18.952 ^s 20°55'35.576"	39.6	255	140.8	-55.1	118.9	8.4	59.1	158			
2021/02/04 01:55:59	3901 Nanjing- daxue	20.5	17.43	5.42	254	2.1	33°45'16" 48°28'36"	226	1.7	TYC 293102243	12.02	6 ^h 21 ^m 32.622 ^s 40°42'03.152"	22.2	307	136.1	-30.3	119.5	28.1	57.5	183			
2021/02/04 03:03:28	759 Viminifera	45.1	15.49	3.41	194	3.6	34°35'27" 48°41'44"	219	5.6	UCAC2 44295600	12.13	6 ^h 52 ^m 04.820 ^s 35°53'25.728"	13.9	310	143.5	-19.4	114.9	29.4	57.0	182			
2021/02/04 14:47:31	2019 van Al- bada	17.3	15.64	2.01	229	1.4	36°06'24" 52°06'07"	357	1.1	UCAC2 35931811	13.81	8 ^h 51 ^m 23.939 ^s 11°34'50.112"	2.7	75	173.1	-3.0	92.4	-52.7	51.5	128			
2021/02/05 02:29:19	28763 2000 HK13	5.6	18.10	6.05	136	0.5	35°04'33" 49°06'38"	220	1.0	TYC 84100853	12.05	10 ^h 27 ^m 26.413 ^s 10°54'09.696"	32.2	246	161.6	-24.7	76.5	22.0	45.9	166			
2021/02/05 15:55:42	30477 2000 OM36	5.2	19.01	6.87	6	0.5	36°20'09" 49°59'56"	147	1.1	TYC 15901586	12.14	6 ^h 41 ^m 54.037 ^s 6°50'01.522"	30.6	119	141.0	-13.3	136.2	-58.1	39.7	193			
2021/02/05 16:41:43	51889 2001 QC18	6.3	18.86	8.70	216	0.8	37°25'28" 48°15'36"	158	0.7	TYC 188400348	10.16	6 ^h 33 ^m 53.763 ^s 25°18'45.950"	53.2	119	140.8	-20.7	141.5	-58.3	39.3	211			

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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}
2021/02/05 19:01:00	1085 Amaryllis	70.0	14.87	1.28	258	7.7	35°46'30" 47°45'14"	188	6.0 14.1	UCAC2 34287308	13.99	11 ^h 25 ^m 25.569 ^s 7°06'47.357"	16.0	98	147.5	-42.1	71.3	-46.3	38.3	196
2021/02/05 21:00:35	12420 1995 UT4	6.3	16.63	4.22	217	0.7	35°44'21" 48°07'53"	190	0.3 2.3	TYC 300101186	12.43	10 ^h 14 ^m 53.879 ^s 37°33'07.926"	67.7	114	154.7	-54.6	98.8	-28.9	37.3	111
2021/02/05 22:40:26	3211 Louis-pharailda	32.5	16.23	3.75	229	5.2	38°53'54" 48°53'05"	125	1.8 10.7	UCAC2 44282717	12.52	5 ^h 38 ^m 50.212 ^s 35°44'21.459"	40.0	281	127.5	-54.2	153.6	-13.7	36.5	121
2021/02/06 00:09:49	298 Baptistina	18.6	14.65	2.25	164	5.6	34°36'11" 51°03'44"	313	2.4 6.3	UCAC2 43236618	12.55	5 ^h 16 ^m 32.428 ^s 32°35'02.283"	20.9	296	123.1	-45.4	159.9	-1.1	35.8	118
2021/02/06 04:16:47	7322 Lavrentina	12.5	17.56	3.84	119	1.5	34°44'01" 49°39'57"	249	2.0 2.3	UCAC2 46809012	13.75	6 ^h 00 ^m 23.026 ^s 43°42'21.758"	8.0	337	129.5	-7.3	148.3	19.5	33.9	217
2021/02/06 15:49:54	4765 Wasserburg	5.5	16.52	6.68	81	0.6	37°13'08" 49°38'21"	124	1.6 2.4	TYC 302300465	9.85	12 ^h 51 ^m 13.724 ^s 41°53'08.381"	7.7	28	127.9	-12.1	83.7	-57.6	29.0	90
2021/02/06 18:34:22	82024 2000 SB46	5.5	19.60	8.69	220	0.5	37°23'59" 48°12'37"	159	0.6 0.9	TYC 134301444	10.91	6 ^h 51 ^m 26.992 ^s 22°04'28.029"	61.0	159	144.0	-38.1	152.6	-58.7	27.7	242
2021/02/06 19:00:38	4822 Karge	5.8	17.16	5.21	95	0.6	36°06'16" 50°53'29"	352	1.4 2.0	UCAC2 38019497	11.96	4 ^h 29 ^m 56.101 ^s 17°44'06.596"	49.4	229	110.6	-41.8	172.9	-56.1	27.6	114
2021/02/06 20:23:15	8374 Horohata	10.2	17.19	3.30	206	1.3	35°29'02" 48°16'06"	196	1.2 2.3	UCAC2 40174615	13.95	7 ^h 16 ^m 03.184 ^s 23°37'04.290"	62.6	201	149.3	-51.5	148.1	-45.5	27.0	178
2021/02/06 21:11:35	9628 Sendaiot-suna	11.3	17.11	4.81	249	1.0	36°52'36" 52°15'18"	10	1.0 2.5	UCAC2 27843032	12.31	10 ^h 59 ^m 03.685 ^s −11°21'12.655"	22.1	144	144.0	-54.8	85.7	-38.4	26.7	179
2021/02/06 22:20:49	67243 2000 ED57	5.6	18.36	6.36	178	0.8	34°37'35" 51°15'14"	319	0.8 1.3	TYC 291800670	12.01	5 ^h 35 ^m 53.220 ^s 41°15'53.714"	45.3	285	125.1	-54.9	160.0	-27.8	26.1	166
2021/02/06 23:28:52	38026 1998 QC12	6.1	17.95	5.76	235	1.0	34°27'54" 51°49'15"	327	0.5 1.6	TYC 551701126	12.20	11 ^h 45 ^m 11.716 ^s −9°18'50.914"	30.1	168	136.8	-49.9	77.2	-17.5	25.7	153
2021/02/07 04:27:43	727 Nipponia	32.2	15.14	2.03	35	0.7	36°46'12" 50°00'29"	97	4.3 4.3	UCAC2 26114976	13.29	19 ^h 39 ^m 19.783 ^s −15°58'13.216"	8.8	128	25.0	-5.4	34.1	15.0	23.7	300
2021/02/07 16:13:47	15621 Erikhovland	9.2	16.79	5.18	232	0.8	39°11'57" 51°00'48"	63	0.7 2.5	TYC 144000846	11.62	11 ^h 35 ^m 14.557 ^s 22°01'20.238"	1.4	56	148.4	-15.7	101.3	-55.9	19.2	145
2021/02/07 18:15:16	2206 Gabrova	17.0	17.48	4.32	218	0.7	35°59'29" 52°00'03"	354	1.8 2.5	UCAC2 34954361	13.18	1 ^h 57 ^m 54.766 ^s 9°00'30.722"	26.8	251	71.7	-35.0	122.3	-64.5	18.4	275
2021/02/07 19:10:16	450 Brigitta	33.3	15.31	3.80	96	8.1	34°57'18" 50°08'24"	276	6.0 6.8	TYC 240200722	11.54	5 ^h 17 ^m 32.278 ^s 35°58'29.060"	68.6	238	121.3	-42.9	165.9	-62.5	18.1	196
2021/02/07 22:29:32	1284 Latvia	36.8	13.64	0.99	226	4.1	36°14'08" 48°00'60"	181	2.2 12.0	UCAC2 38787636	13.21	7 ^h 56 ^m 36.137 ^s 19°40'12.190"	50.2	233	158.2	-54.2	153.3	-36.9	16.9	122
2021/02/08 17:17:17	1721 Wells	40.0	16.78	4.00	81	1.6	36°37'30" 50°44'40"	17	5.8 6.0	UCAC2 41482495	12.81	1 ^h 48 ^m 30.707 ^s 27°50'24.178"	48.0	256	75.9	-25.7	113.5	-57.0	10.9	264
2021/02/08 18:12:21	2912 Lapalma	9.8	17.34	6.80	145	0.5	35°42'44" 51°17'44"	344	1.6 2.2	TYC 64400103	10.55	3 ^h 01 ^m 48.153 ^s 12°17'50.601"	38.6	238	86.7	-34.3	124.3	-62.6	10.7	180
2021/02/08 20:58:41	5976 Kalata-jean	12.3	16.15	3.94	248	1.2	36°33'55" 52°16'07"	5	0.8 3.3	UCAC2 39148615	12.24	11 ^h 14 ^m 10.011 ^s 20°32'49.356"	47.9	120	154.5	-53.5	121.7	-58.4	9.9	147

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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}
2021/02/09 01:27:25	37409 2001 XW115	5.0	18.11	6.29	186	0.5	37°45'37" 51°25'53"	34	0.6	TYC 192401754	11.82	7 ^h 40 ^m 53.727 ^s 28°18'48.115"	26.1	284	151.2	-33.6	172.6	-18.9	8.6	149
2021/02/09 04:11:33	43198 2000 AD62	5.7	18.30	7.03	29	0.6	36°19'40" 50°18'36"	6	1.3	UCAC2 31334921	11.27	11 ^h 08 ^m 25.745 ^s -1°08'41.415"	10.9	255	151.1	-7.5	118.6	2.8	7.9	172
2021/02/09 16:17:50	33952 2000 ML5	6.2	17.56	7.55	142	0.6	36°35'14" 51°18'24"	9	1.1	TYC 77701115	10.02	7 ^h 34 ^m 52.779 ^s 14°24'48.336"	34.5	110	151.4	-15.9	169.8	-39.7	5.3	144
2021/02/10 03:12:03	43269 2000 DO98	5.9	19.17	7.35	36	0.8	35°47'25" 50°06'52"	282	1.1	TYC 29700729	11.82	12 ^h 58 ^m 03.054 ^s 6°57'36.714"	40.2	221	129.6	-16.7	110.3	-11.0	3.3	215
2021/02/10 15:50:58	4864 Nimoy	6.6	17.87	6.12	154	0.9	36°43'45" 48°41'41"	168	1.0	UCAC2 40503762	11.75	7 ^h 08 ^m 08.032 ^s 24°37'09.570"	42.8	103	143.6	-11.3	157.6	-25.3	1.6	161
2021/02/10 17:50:22	5105 Westerhout	13.6	15.63	1.90	7	1.9	36°14'20" 49°59'23"	208	4.3	UCAC2 32687316	13.94	7 ^h 35 ^m 12.024 ^s 2°53'28.062"	37.0	143	147.9	-30.4	153.8	-43.4	1.4	126
2021/02/10 18:02:09	9963 Sandage	8.4	16.92	5.63	158	0.5	36°18'14" 48°37'52"	180	1.3	TYC 196500768	11.29	9 ^h 31 ^m 31.396 ^s 29°08'59.064"	44.1	96	164.9	-32.2	168.1	-45.1	1.4	150
2021/02/10 19:32:42	49632 1999 GV37	5.2	17.96	8.12	118	1.7	36°26'47" 48°59'47"	174	1.0	TYC 244801000	9.84	6 ^h 52 ^m 33.132 ^s 35°39'39.347"	74.9	203	137.3	-45.0	150.0	-56.4	1.2	146
2021/02/10 21:08:02	16975 De-lamere	5.5	17.83	8.21	148	0.6	36°10'32" 51°22'23"	357	0.9	TYC 246400396	9.62	7 ^h 25 ^m 01.376 ^s 37°13'52.120"	69.2	241	142.5	-53.4	154.4	-61.6	1.1	143
2021/02/11 19:14:14	1257 Mora	12.1	15.52	4.06	118	1.4	36°46'29" 51°03'46"	17	2.5	TYC 25400642	11.49	10 ^h 45 ^m 23.129 ^s 1°53'23.631"	23.6	118	160.2	-42.3	158.4	-45.0	0.2	123
2021/02/11 20:06:09	3178 Yoshitsune	12.2	13.51	2.59	182	3.6	35°32'17" 48°29'02"	197	0.2	TYC 491001008	11.03	10 ^h 11 ^m 26.644 ^s -5°14'23.629"	28.0	142	159.5	-48.4	156.1	-51.3	0.2	67
2021/02/11 22:31:02	15959 1998 BQ40	5.9	18.55	6.59	247	1.2	35°43'21" 47°51'43"	189	0.5	UCAC2 41519157	11.96	6 ^h 32 ^m 55.970 ^s 27°36'44.017"	41.1	265	134.0	-52.9	132.5	-57.2	0.2	180
2021/02/12 18:44:19	266 Aline	109.1	13.65	1.13	140	6.5	36°25'53" 51°18'01"	4	17.3	UCAC2 36407993	12.99	3 ^h 41 ^m 27.051 ^s 13°25'11.479"	38.4	241	92.2	-37.9	80.0	-30.4	1.3	190
2021/02/12 20:30:19	1342 Brabantia	18.0	15.87	3.54	52	1.0	35°34'42" 49°56'04"	256	4.0	TYC 235100426	12.37	3 ^h 04 ^m 29.368 ^s 36°49'36.487"	32.8	290	90.1	-50.3	79.7	-44.6	1.4	172
2021/02/12 22:04:38	7282 1989 BC	9.2	16.49	7.62	12	0.9	36°24'10" 50°07'17"	45	4.6	TYC 248300403	8.87	8 ^h 31 ^m 36.454 ^s 30°08'19.633"	64.0	229	156.1	-53.5	144.9	-52.4	1.6	79
2021/02/13 00:15:11	27614 2001 KN33	5.0	19.11	7.72	220	0.6	38°47'12" 51°13'11"	54	0.5	TYC 88800690	11.39	12 ^h 54 ^m 43.935 ^s 14°05'25.101"	53.3	163	134.3	-42.8	149.5	-49.2	1.8	194
2021/02/13 02:36:51	7868 Barker	19.4	17.67	7.81	54	1.7	35°39'37" 49°46'41"	236	4.0	HIP 39193	9.86	8 ^h 00 ^m 57.805 ^s 36°52'40.695"	22.5	301	146.7	-21.6	134.1	-31.5	2.1	184
2021/02/13 18:01:23	2019 van Albada	17.3	15.84	6.23	167	1.5	36°28'60" 51°32'23"	5	2.3	HIP 42660	9.62	8 ^h 41 ^m 41.229 ^s 12°10'32.736"	40.2	125	163.6	-31.3	139.9	-13.1	4.3	128
2021/02/13 21:30:58	853 Nansenia	27.0	14.85	2.50	33	2.6	35°54'51" 49°52'17"	234	8.6	UCAC2 34458276	12.46	8 ^h 18 ^m 04.935 ^s 7°38'07.278"	45.0	207	156.9	-53.1	132.1	-41.8	4.9	120
2021/02/13 23:48:41	16226 Beaton	5.7	19.28	7.99	169	1.4	36°05'08" 48°32'11"	185	0.8	UCAC2 43418618	11.29	5 ^h 49 ^m 06.164 ^s 33°14'50.237"	24.6	293	121.9	-45.7	97.0	-48.1	5.4	221

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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}
2021/02/14 02:24:54	26421 1999 XP113	6.2	16.14	7.37	247	0.6	37°15'39" 52°10'53"	16	0.0	TYC 82701529	8.77	9 ^h 35 ^m 31.999 ^s 14°49'28.784"	22.3	267	176.0	-23.3	148.3	-35.3	5.8	61
2021/02/14 18:41:52	13530 Ninne-mann	5.7	16.82	5.30	206	0.8	35°35'06" 48°15'07"	194	0.4	UCAC2 30371846	11.53	11 ^h 10 ^m 44.544 ^s -4°02'12.306"	12.0	111	154.3	-37.1	162.8	-8.7	9.3	110
2021/02/14 22:47:09	54554 2000 QS105	5.8	18.57	7.66	236	1.1	38°21'12" 51°42'50"	39	0.5	TYC 243500628	10.91	6 ^h 43 ^m 11.949 ^s 31°13'27.651"	40.7	272	132.6	-51.0	96.6	-39.8	10.3	180
2021/02/15 02:07:06	51327 2000 LA19	10.3	17.07	3.52	158	0.8	36°51'27" 48°40'36"	165	1.6	UCAC2 28910024	13.59	9 ^h 34 ^m 41.077 ^s -8°26'34.598"	6.2	249	158.2	-25.9	135.9	-37.3	11.2	176
2021/02/15 04:33:26	347 Pariana	51.3	13.80	2.40	147	2.2	37°01'25" 51°16'52"	21	8.1	TYC 563800079	11.52	16 ^h 25 ^m 49.517 ^s -13°15'00.740"	26.8	184	79.7	-2.5	119.7	-18.9	11.8	185
2021/02/15 20:17:47	3211 Louis-pharailda	32.5	16.48	5.55	149	3.8	34°19'20" 49°37'01"	251	5.2	TYC 241301044	10.93	5 ^h 43 ^m 43.613 ^s 34°24'42.894"	56.6	258	118.9	-48.3	73.6	-12.8	16.2	130
2021/02/15 22:17:39	35988 1999 NO9	6.4	18.80	6.88	202	0.5	38°22'21" 51°17'28"	47	0.8	UCAC2 40809959	11.92	4 ^h 14 ^m 57.000 ^s 25°47'39.599"	17.6	289	99.3	-52.1	52.0	-28.4	16.7	210
2021/02/15 22:27:30	4358 Lynn	11.4	16.72	7.08	209	0.9	36°57'07" 51°52'28"	13	1.2	HIP 44525	9.64	9 ^h 04 ^m 20.187 ^s 34°20'15.290"	67.1	236	154.9	-51.7	113.3	-29.5	16.8	166
2021/02/15 23:10:11	1926 Demid-delaer	20.3	14.65	5.56	39	2.3	35°55'32" 49°46'46"	221	6.0	TYC 248600642	9.10	8 ^h 32 ^m 01.599 ^s 33°10'13.577"	55.1	257	151.4	-48.9	106.9	-33.4	17.0	129
2021/02/16 01:36:38	31801 1999 LY26	10.9	17.21	3.28	134	0.8	38°07'27" 50°17'45"	78	1.7	UCAC2 45002726	13.99	10 ^h 48 ^m 50.737 ^s 37°57'44.855"	56.4	266	152.0	-30.3	128.0	-36.9	17.8	211
2021/02/16 15:13:13	55218 2001 RW60	5.5	19.54	9.05	30	0.5	36°05'31" 49°48'36"	208	0.9	TYC 76700782	10.49	7 ^h 17 ^m 05.153 ^s 11°06'13.084"	29.0	108	140.1	-3.8	84.9	39.8	22.1	244
2021/02/16 17:15:41	2563 Bo-yarchuk	29.5	17.79	6.78	139	1.2	36°12'14" 51°17'34"	358	3.4	TYC 63800148	11.02	2 ^h 30 ^m 45.873 ^s 13°06'58.820"	38.5	240	71.6	-23.4	15.0	24.9	22.8	314
2021/02/16 23:08:30	4231 Fireman	13.3	17.80	4.30	83	1.0	35°37'37" 49°25'59"	215	2.8	UCAC2 38741791	13.52	4 ^h 18 ^m 17.991 ^s 19°33'20.727"	5.1	295	97.9	-48.7	38.5	-24.8	24.7	170
2021/02/16 23:51:20	11065 1991 XE2	11.1	17.23	9.96	125	0.8	37°19'36" 50°57'17"	36	2.1	HIP 56548	7.27	11 ^h 35 ^m 40.811 ^s 17°52'29.996"	57.5	193	156.6	-44.5	138.5	-28.6	25.0	103
2021/02/17 02:20:32	2452 Lyot	17.3	17.08	4.21	125	0.6	36°46'26" 48°58'09"	164	2.4	UCAC2 18468911	12.90	16 ^h 58 ^m 25.968 ^s -31°55'03.970"	2.2	150	71.8	-23.2	130.9	-31.7	25.9	251
2021/02/17 03:03:11	2295 Mat-susovskij	21.1	17.94	4.44	175	0.5	36°37'59" 48°29'29"	172	2.4	UCAC2 22337270	13.52	19 ^h 06 ^m 37.428 ^s -23°55'59.957"	0.4	130	43.2	-16.3	104.3	-29.6	26.1	298
2021/02/17 16:25:33	892 Seeligeria	75.9	14.65	1.98	110	6.9	37°44'56" 50°21'36"	72	13.4	UCAC2 31117447	12.86	6 ^h 22 ^m 21.420 ^s -1°53'14.875"	34.0	149	123.2	-15.1	61.6	41.0	30.8	190
2021/02/17 20:51:31	45042 1999 XW10	5.8	16.44	7.30	22	0.5	36°12'22" 49°51'27"	195	2.0	TYC 83400937	9.14	9 ^h 50 ^m 09.790 ^s 13°35'09.517"	52.8	163	175.9	-50.2	106.7	2.3	32.5	111
2021/02/17 23:39:24	10490 1985 VL	10.4	17.26	4.71	25	0.8	36°35'18" 50°09'33"	60	2.2	UCAC2 31159192	12.56	8 ^h 33 ^m 50.186 ^s -1°40'48.092"	22.6	237	153.6	-45.5	90.4	-19.4	33.5	183
2021/02/18 04:23:28	2251 Tikhov	26.4	17.41	3.48	233	0.7	36°00'44" 47°57'49"	185	2.7	UCAC2 25398543	13.98	18 ^h 41 ^m 51.226 ^s -17°09'25.470"	17.9	150	49.7	-3.2	122.2	-22.1	35.3	275

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.		Table 1		Page 5		LinOccult 2.2.0 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}
2021/02/18 16:19:54	3502 Huangpu	13.9	17.94	5.60	107	1.0	35°53'10" 50°58'30"	345	1.9	UCAC2 38560479	12.34	3 ^h 58 ^m 56.209 ^s 19°11'11.404"	58.3	199	91.6	-13.9	13.6	50.0	39.8	263
2021/02/18 18:09:44	29482 VM3	6.8	18.21	6.56	3	1.5	36°16'16" 50°01'27"	203	1.5	TYC 185600896	11.65	5 ^h 30 ^m 32.951 ^s 27°02'08.256"	64.5	212	113.4	-31.3	35.1	36.6	40.5	180
2021/02/19 17:39:30	1397 Umtata	17.3	17.23	5.17	123	0.6	35°49'09" 51°06'53"	344	2.3	UCAC2 35325821	12.07	1 ^h 58 ^m 27.478 ^s 10°28'06.682"	26.3	254	60.2	-26.4	29.2	49.7	49.7	271
2021/02/20 16:07:18	7466 VC2	22.5	17.96	4.41	116	1.1	36°02'34" 51°04'41"	351	3.2	UCAC2 40298441	13.57	3 ^h 25 ^m 30.725 ^s 24°16'31.553"	61.1	214	83.2	-11.4	17.5	61.9	58.5	249
2021/02/20 18:57:54	10386 Romulus	10.0	18.60	7.51	146	1.0	34°31'15" 49°23'47"	240	1.3	UCAC2 47039971	11.09	4 ^h 36 ^m 32.191 ^s 44°37'29.518"	61.1	276	101.1	-37.6	22.8	48.1	59.6	261
2021/02/20 19:03:30	57526 SD316	5.4	18.54	8.41	190	0.6	38°55'22" 49°51'11"	97	0.7	TYC 294000840	10.13	6 ^h 30 ^m 28.591 ^s 44°35'26.006"	78.3	248	121.1	-38.4	31.0	47.4	59.7	169
2021/02/20 23:23:08	2413 van de Hulst	22.8	17.23	3.61	156	2.7	34°51'21" 51°07'04"	319	3.1	UCAC2 28740409	13.66	15 ^h 01 ^m 46.859 ^s -8°33'37.865"	18.6	130	106.6	-46.1	149.2	8.5	61.4	237
2021/02/21 04:26:11	3978 Klepesta	26.7	17.71	5.72	113	0.7	35°53'27" 51°02'06"	346	2.9	UCAC2 25883222	12.00	19 ^h 25 ^m 30.765 ^s -16°11'44.007"	16.2	143	42.2	-1.9	146.8	-17.1	63.3	346
2021/02/21 15:04:17	4006 Sandler	16.2	16.06	3.32	108	2.9	35°52'16" 50°58'60"	344	3.5	UCAC2 38250719	12.80	8 ^h 14 ^m 26.047 ^s 18°26'17.683"	27.2	93	148.7	-1.2	38.7	55.9	67.3	130
2021/02/21 16:08:57	502 Sigune	16.0	12.89	0.62	115	1.3	36°04'22" 51°04'25"	352	2.9	UCAC2 41195625	13.17	10 ^h 02 ^m 21.727 ^s 26°52'48.077"	26.3	79	163.0	-11.4	60.3	62.2	67.8	83
2021/02/21 16:17:05	1479 Inkeri	13.4	15.48	2.34	204	3.4	38°28'51" 51°14'27"	50	1.1	UCAC2 43605793	13.27	6 ^h 56 ^m 42.293 ^s 33°39'47.048"	61.7	113	128.2	-12.7	20.7	62.7	68.0	121
2021/02/21 16:36:13	51871 PH8	5.2	19.22	7.80	204	0.7	37°43'44" 48°28'13"	150	0.6	TYC 247501027	11.42	7 ^h 50 ^m 01.597 ^s 33°55'37.268"	56.6	103	138.5	-15.8	31.4	63.7	68.0	212
2021/02/21 21:59:30	892 Seeligeria	75.9	14.71	1.93	60	6.7	36°02'20" 50°33'29"	343	14.8	UCAC2 31284267	12.99	6 ^h 22 ^m 29.526 ^s -1°11'56.382"	16.3	248	119.7	-50.4	27.1	29.9	70.0	194
2021/02/21 22:25:53	1506 Xosa	12.8	16.07	4.54	228	1.6	37°48'16" 51°51'46"	28	1.1	TYC 608601292	11.55	11 ^h 39 ^m 13.953 ^s -16°26'07.961"	23.1	170	146.9	-49.7	95.1	25.8	70.2	152
2021/02/22 01:08:36	8036 Maehara	8.9	18.11	7.87	251	0.7	33°54'33" 48°24'23"	223	0.8	TYC 86600316	10.24	12 ^h 10 ^m 03.914 ^s 8°19'11.629"	44.2	213	153.1	-32.8	90.5	2.6	71.2	211
2021/02/22 02:50:29	5186 Donalu	13.2	15.30	2.47	124	1.0	36°52'29" 51°06'04"	20	2.6	UCAC2 36118743	12.95	10 ^h 10 ^m 06.617 ^s 12°24'18.577"	16.8	269	176.5	-17.0	60.8	-8.3	71.9	135
2021/02/22 18:03:32	931 Whittemora	45.3	13.82	1.18	159	6.3	37°28'19" 48°50'33"	148	6.8	UCAC2 39985486	13.08	5 ^h 58 ^m 37.613 ^s 23°11'00.137"	62.2	201	115.6	-29.3	7.6	65.1	77.3	172
2021/02/22 19:22:22	4075 Sviridov	10.7	16.70	5.70	106	0.9	36°14'28" 51°00'10"	358	2.1	TYC 196000522	11.01	9 ^h 41 ^m 11.491 ^s 22°44'30.738"	56.4	134	163.6	-40.2	42.6	60.2	77.7	165
2021/02/23 17:11:50	1533 Saimaa	26.1	16.88	3.00	137	0.7	36°04'26" 48°49'18"	186	3.0	UCAC2 31796755	13.95	1 ^h 13 ^m 39.409 ^s 0°08'57.107"	13.1	254	42.5	-21.0	92.5	59.1	84.9	314
2021/02/23 19:22:04	1022 Olympiada	26.4	15.87	3.86	105	2.8	35°24'46" 50°48'43"	324	4.1	UCAC2 37845353	12.04	5 ^h 19 ^m 35.411 ^s 17°02'28.113"	43.7	240	105.1	-39.8	31.3	64.0	85.5	229

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.				Table 1		Page 6		LinOccult 2.2.0 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}	
2021/02/24 15:07:52	1914 Hart-beespoortdam	12.9	17.47	7.60	199	0.5	35°02'19'' 51°39'05''	333	1.5	TYC 65400223	9.87	3 ^h 06 ^m 45.890 ^s 13°03'28.231''	-0.9	198	72.0	-0.9	73.6	32.7	91.1	233	
2021/02/25 16:52:51	32517 2001 OA54	6.2	17.29	6.78	50	0.7	35°58'05'' 50°26'39''	333	1.7	TYC 250701180	10.52	9 ^h 37 ^m 51.079 ^s 37°25'22.019''	-17.5	83	148.6	-17.5	17.8	38.2	96.4	133	
2021/02/25 21:20:23	20859 2000 VT31	5.5	18.20	9.15	177	3.3	36°55'29'' 51°35'20''	15	0.7	HIP 36350	9.05	7 ^h 28 ^m 52.027 ^s 22°48'55.806''	-48.6	244	133.2	-48.6	28.2	58.6	97.2	159	
2021/02/26 01:21:37	1006 La-grangea	29.6	17.65	5.45	220	2.2	36°00'01'' 52°00'48''	355	2.8	TYC 610201664	12.20	12 ^h 22 ^m 44.806 ^s -16°28'22.008''	-29.6	208	143.5	-29.6	53.8	28.2	97.7	352	
2021/02/26 04:23:06	2709 Sagan	20.2	15.80	5.14	194	3.7	36°13'50'' 51°47'09''	359	1.4	TYC 494500788	10.67	12 ^h 07 ^m 29.577 ^s -5°56'12.070''	-0.9	256	153.0	-0.9	42.7	0.7	98.1	106	
2021/02/26 16:57:19	3924 Birch	10.9	16.89	5.99	62	1.3	35°52'16'' 49°33'27''	209	2.5	TYC 187501748	10.90	5 ^h 54 ^m 00.299 ^s 29°01'12.227''	-17.9	177	110.5	-17.9	60.7	27.6	99.3	163	
2021/02/26 17:19:56	1343 Nicole	24.4	15.39	1.67	22	2.6	36°19'04'' 49°50'53''	174	6.1	UCAC2 41192435	13.98	8 ^h 49 ^m 26.454 ^s 26°57'39.108''	-21.5	113	148.2	-21.5	22.6	31.0	99.3	159	
2021/02/26 22:29:27	9952 1991 AK	7.9	17.86	6.12	200	0.8	37°59'49'' 51°28'38''	38	1.0	UCAC2 40476807	11.74	5 ^h 20 ^m 39.730 ^s 24°52'28.185''	-47.7	287	102.8	-47.7	71.6	53.3	99.6	179	
2021/02/27 16:53:42	120179 2003 QY75	6.8	19.27	7.25	224	1.4	33°18'49'' 49°27'14''	253	0.7	TYC 190500584	12.03	6 ^h 42 ^m 29.407 ^s 29°04'30.904''	-17.1	150	120.1	-17.1	64.2	15.1	99.6	248	
2021/02/28 15:50:52	51954 2001 QR249	5.9	18.04	5.95	222	0.7	36°31'35'' 52°02'23''	4	0.6	TYC 194601404	12.09	8 ^h 52 ^m 16.803 ^s 25°22'04.262''	-6.7	95	147.7	-6.7	48.8	-6.7	97.5	166	
2021/02/28 18:09:48	54056 2000 GT133	6.4	17.71	6.02	36	0.8	36°47'16'' 50°00'31''	97	1.6	UCAC2 33912463	11.69	7 ^h 24 ^m 26.788 ^s 6°28'20.151''	-28.6	175	129.9	-28.6	69.5	14.3	97.2	150	
2021/02/28 19:32:47	74519 1999 FA34	6.6	18.33	6.66	226	0.6	35°59'37'' 52°03'55''	355	0.7	UCAC2 33228315	11.68	12 ^h 59 ^m 51.356 ^s 4°04'56.128''	-39.6	106	146.7	-39.6	13.2	26.3	96.9	188	
2021/02/28 20:24:34	1348 Michel	20.2	15.64	3.40	38	1.6	36°01'12'' 49°45'13''	210	4.6	UCAC2 40646645	12.28	5 ^h 17 ^m 06.856 ^s 25°20'00.251''	-44.6	266	100.1	-44.6	99.8	32.8	96.8	170	
2021/02/28 20:55:34	23186 2000 PO8	16.1	17.14	5.42	214	2.1	37°30'46'' 51°48'37''	24	1.8	TYC 89300503	11.73	13 ^h 37 ^m 06.070 ^s 8°11'50.780''	-46.6	113	137.9	-46.6	22.0	36.3	96.7	229	

