

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 2.2.0 BETA
Author: Plekhanov Andrey andyplekhanov@gmail.com
Events number: 78

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}
2016/07/01 00:09:16	4533 Orth	8.7	17.47	4.99	55	0.8	36°14'23" 50°32'36"	357	2.1	TYC	12.49	16 ^h 58 ^m 12.582 ^s 10°29'06.086"	25.0	256	138.0	-9.7	146.6	8.4	15.8	158
2016/07/01 17:52:20	53 Kalypso	115.4	13.17	0.72	266	8.2	38°14'30" 52°05'42"	32	7.5	UCAC2 25179448	13.23	18 ^h 42 ^m 45.391 ^s -17°48'59.416"	6.2	127	174.8	-1.7	143.4	-22.3	10.1	159
2016/07/02 21:48:27	37750 BZ	6.0	17.90	6.32	155	1.2	37°40'20" 51°07'32"	40	0.9	TYC	11.58	22 ^h 32 ^m 58.479 ^s -3°52'45.373"	19.3	122	122.6	-17.1	102.2	-18.6	3.5	145
2016/07/03 17:49:46	35837 JH58	5.5	17.33	5.53	241	0.7	33°51'40" 48°34'07"	226	0.3	UCAC2 20442289	11.81	17 ^h 11 ^m 18.424 ^s -27°55'23.739"	7.1	152	156.7	-1.4	163.6	-10.1	0.9	129
2016/07/03 19:05:47	2371 Dim- itrov	11.0	15.39	1.97	96	1.1	36°48'27" 50°50'51"	23	2.7	UCAC2	13.61	18 ^h 32 ^m 21.418 ^s -21°06'43.650"	13.1	148	175.1	-9.8	174.9	-17.1	0.8	117
2016/07/03 19:49:08	1606 Jekhovskiy	26.1	14.62	1.37	177	4.0	36°14'54" 48°27'41"	181	2.6	UCAC2	13.61	17 ^h 44 ^m 54.949 ^s -8°46'13.329"	30.6	168	158.5	-13.3	167.7	-19.7	0.7	109
2016/07/03 20:28:24	23985 NB53	6.9	17.83	6.08	29	0.5	36°25'37" 50°17'37"	20	1.6	UCAC2	11.75	19 ^h 33 ^m 26.937 ^s -4°17'09.046"	30.8	147	158.9	-15.6	156.5	-21.1	0.7	165
2016/07/03 22:54:23	5301 Novo- branets	13.2	16.79	3.21	255	1.0	36°08'12" 47°45'18"	182	1.2	UCAC2	13.64	19 ^h 21 ^m 07.086 ^s -11°59'27.895"	27.2	193	167.3	-15.3	164.6	-17.6	0.5	213
2016/07/04 00:27:41	18243 Gunn	7.2	16.26	6.72	237	0.8	38°41'09" 48°36'12"	133	0.3	HIP	9.54	19 ^h 40 ^m 51.572 ^s -33°24'10.366"	2.4	205	165.1	-8.2	157.8	-9.1	0.4	111
2016/07/04 18:54:49	77714 2001 OY47	5.5	17.86	6.39	206	0.5	38°48'53" 50°58'14"	60	0.6	UCAC2	11.47	18 ^h 02 ^m 04.793 ^s -32°06'51.894"	4.4	157	164.7	-8.8	158.8	-11.3	0.3	172
2016/07/04 21:17:48	1605 Mi- lankovitch	32.5	15.35	1.83	70	6.6	36°02'55" 50°39'41"	346	6.5	UCAC2	13.74	21 ^h 46 ^m 17.228 ^s -3°51'29.296"	22.5	127	134.9	-17.2	141.2	-21.5	0.4	185
2016/07/04 21:51:29	10259 Os- ipovyurij	20.2	15.63	2.82	150	2.9	35°57'47" 48°43'01"	189	3.2	UCAC2	12.89	18 ^h 00 ^m 03.398 ^s 2°01'58.034"	39.9	203	151.6	-17.3	151.9	-22.1	0.4	130
2016/07/05 18:51:59	567 Eleuthe- ria	93.4	13.93	1.51	88	17.0	36°39'21" 49°17'46"	162	19.7	UCAC2	12.73	16 ^h 08 ^m 50.075 ^s -25°19'57.931"	14.7	181	140.9	-8.6	123.4	-5.7	2.3	162
2016/07/05 20:23:18	3637 O'Meara	13.1	14.59	4.09	154	1.6	36°26'18" 51°25'52"	4	1.8	TYC	10.53	19 ^h 09 ^m 19.919 ^s 2°52'31.279"	39.8	152	154.3	-15.5	155.0	-16.1	2.5	111
2016/07/05 22:18:46	18488 1996 AY3	13.2	16.59	3.80	62	1.1	35°40'43" 50°27'01"	316	2.8	UCAC2	12.82	20 ^h 03 ^m 54.792 ^s -9°55'59.499"	30.0	174	160.3	-16.9	172.8	-23.4	2.8	176
2016/07/05 22:35:26	22125 2000 SH186	5.2	17.69	9.29	52	0.7	35°53'58" 49°39'19"	212	2.1	TYC	8.40	20 ^h 47 ^m 05.447 ^s 3°21'35.013"	42.4	163	143.3	-16.4	159.2	-23.8	2.9	79
2016/07/05 22:40:05	30482 2000 OG45	13.8	17.03	3.78	97	1.0	35°33'18" 49°19'08"	213	1.9	UCAC2	13.28	17 ^h 47 ^m 37.973 ^s -29°33'47.403"	5.0	209	162.1	-16.2	142.8	-23.9	2.9	266
2016/07/06 17:59:53	8773 Torquilla	7.9	18.91	7.21	96	0.7	35°15'52" 49°29'31"	230	1.2	UCAC2	11.70	16 ^h 42 ^m 23.724 ^s -30°46'52.834"	7.5	163	147.4	-2.9	118.3	7.3	6.4	241
2016/07/06 18:13:04	2908 Shi- moyama	29.4	16.13	2.57	14	2.4	36°21'05" 49°55'33"	161	6.5	UCAC2	13.67	19 ^h 04 ^m 48.738 ^s -6°22'08.645"	18.3	125	163.8	-4.4	149.8	5.3	6.5	180
2016/07/06 18:31:24	46 Hestia	124.1	14.37	1.17	71	3.9	36°56'47" 50°31'37"	41	18.8	UCAC2	13.66	10 ^h 48 ^m 54.494 ^s 7°23'34.754"	14.0	265	55.9	-6.5	26.5	2.5	6.6	251

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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}
2016/07/06 22:25:06	1181 Lilith	19.1	15.26	3.09	161	1.6	36°26'39" 48°36'20"	176	2.8 5.4	UCAC2 25889743	12.23	19 ^h 53 ^m 19.208 ^s −16°12'50.000"	23.9	180	167.0	−16.8	160.5	−24.0	7.5	141
2016/07/06 22:55:57	141251 YR8	2001	19.54	7.28	161	0.6	35°12'36" 48°46'48"	209	0.7 0.9	TYC 54500895	12.26	21 ^h 53 ^m 21.978 ^s 1°49'41.702"	38.2	151	132.3	−15.6	161.8	−25.6	7.6	250
2016/07/07 00:39:38	1183 Jutta	17.9	17.60	5.51	213	0.9	38°09'41" 48°34'51"	141	2.0 3.7	TYC 61401319	12.10	1 ^h 29 ^m 01.615 ^s 8°34'32.601"	31.2	117	81.3	−7.2	114.0	−25.9	8.0	192
2016/07/07 22:26:48	24096 VQ2	1999	17.28	5.48	171	0.5	34°00'32" 50°32'33"	289	0.6 1.8	TYC 744101304	11.80	20 ^h 13 ^m 08.291 ^s −30°54'10.324"	9.1	177	163.4	−16.9	146.8	−23.6	13.9	119
2016/07/08 00:39:09	34414 RQ103	2000	17.61	7.05	209	1.1	39°12'19" 50°15'00"	84	1.0 2.0	TYC 57500951	10.56	22 ^h 55 ^m 49.388 ^s 5°36'47.972"	44.7	164	118.0	−7.4	160.5	−30.1	14.5	181
2016/07/08 18:26:51	32164 NW4	2000	17.77	6.42	12	0.9	36°07'25" 50°03'16"	274	1.8 1.8	TYC 502400537	11.35	15 ^h 31 ^m 25.755 ^s −4°53'20.868"	34.9	189	123.8	−6.2	72.0	13.1	20.4	143
2016/07/08 20:58:47	6730 Ikeda	11.5	17.44	3.52	22	0.8	36°26'31" 49°52'24"	150	2.3 2.3	UCAC2 28287218	13.96	20 ^h 23 ^m 09.153 ^s −10°04'53.422"	25.4	150	159.2	−17.2	143.2	−10.4	21.2	197
2016/07/09 18:23:12	3259 Brownlee	37.5	14.63	1.77	244	3.3	35°10'49" 47°58'37"	199	3.0 9.3	UCAC2 28231531	13.09	18 ^h 09 ^m 07.641 ^s −10°08'48.774"	23.7	145	159.8	−5.8	99.3	17.6	28.8	161
2016/07/09 23:00:06	11008 EO7	1981	17.64	8.40	246	1.1	36°59'01" 52°12'46"	12	0.4 1.9	TYC 53700937	9.24	21 ^h 23 ^m 43.754 ^s 4°21'53.441"	43.5	164	139.3	−15.7	144.5	−24.0	30.6	142
2016/07/11 18:58:18	32490 UU27	2000	17.25	6.10	158	0.6	34°32'04" 49°12'07"	233	1.0 1.8	UCAC2 20006103	11.15	18 ^h 26 ^m 53.986 ^s −28°36'30.438"	8.2	157	165.3	−9.8	79.3	18.7	47.8	144
2016/07/11 19:23:41	7730 Serg-erasimov	15.8	18.09	6.05	69	1.4	35°22'30" 49°50'04"	250	3.5 3.8	UCAC2 31016106	12.04	14 ^h 01 ^m 03.627 ^s −2°18'03.519"	24.1	233	99.2	−12.1	13.4	15.2	48.0	167
2016/07/11 23:57:10	1499 Pori	36.2	14.02	0.99	177	4.5	37°10'20" 51°32'21"	21	3.0 14.4	UCAC2 30759167	13.58	19 ^h 40 ^m 07.599 ^s −3°03'24.412"	30.8	217	160.8	−12.0	95.7	−26.7	49.8	100
2016/07/12 18:20:58	44304 QD102	1998	18.48	6.97	53	0.9	35°39'32" 50°17'41"	302	1.3 1.4	UCAC2 30215011	11.51	16 ^h 37 ^m 30.783 ^s −4°56'13.266"	34.9	172	135.2	−5.9	41.3	25.1	57.1	179
2016/07/13 00:43:44	342 Endymion	60.6	15.27	1.57	150	1.4	36°37'17" 48°43'14"	171	8.5 10.5	UCAC2 39440039	13.99	4 ^h 57 ^m 57.841 ^s 21°52'57.326"	12.9	71	35.2	−7.6	136.0	−30.2	59.5	231
2016/07/14 00:04:18	3557 Sokolsky	21.9	15.83	2.87	103	2.0	35°28'05" 50°48'34"	325	3.7 4.2	UCAC2 26520621	13.04	18 ^h 30 ^m 35.292 ^s −14°42'40.079"	10.9	231	163.4	−11.6	54.0	−20.1	68.4	209
2016/07/14 01:43:28	2747 Cesky Krumlov	31.6	18.07	5.23	122	0.9	37°18'08" 49°10'08"	143	3.7 3.9	UCAC2 40467783	12.85	3 ^h 55 ^m 14.043 ^s 24°52'48.236"	35.2	92	50.1	−0.5	160.0	−35.1	69.0	320
2016/07/14 18:35:23	5424 Covington	7.6	16.00	3.99	149	1.0	35°52'52" 48°43'60"	191	1.0 3.1	TYC 576401636	12.04	20 ^h 47 ^m 37.606 ^s −12°25'24.559"	6.5	118	160.9	−7.7	78.2	24.7	74.9	99
2016/07/14 19:44:09	43343 RY81	2000	17.70	4.54	188	0.7	35°20'10" 48°28'46"	201	1.0 1.7	TYC 577900894	13.18	21 ^h 07 ^m 29.909 ^s −12°50'39.129"	12.8	129	156.8	−14.1	82.3	19.8	75.3	177
2016/07/14 21:25:32	17711 WA7	1997	15.15	2.06	198	1.7	33°58'31" 51°03'18"	304	0.8 4.2	UCAC2 23169611	13.26	17 ^h 06 ^m 38.504 ^s −21°48'02.665"	12.1	212	145.0	−18.5	23.9	8.3	76.0	110
2016/07/15 00:10:47	8228 YB2	1996	16.51	2.63	169	0.9	35°21'33" 51°26'51"	337	1.4 2.8	UCAC2 30069338	13.98	18 ^h 51 ^m 27.026 ^s −5°12'11.811"	20.4	234	160.2	−11.2	48.8	−16.2	76.9	141

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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}	
2016/07/15 22:41:59	1626 Sadeya	20.0	14.75	2.44	134	1.3	35°19'34'' 49°00'45''	211	3.6	UCAC2 29366812	12.43	19 ^h 57 ^m 03.499 ^s −7°06'29.891''	32.1	194	165.3	-17.5	53.2	2.4	84.0	131	
2016/07/15 23:08:23	15498 1999 EQ4	11.0	17.06	3.62	214	0.9	35°06'34'' 51°49'08''	337	1.2	UCAC2 28988165	13.48	19 ^h 10 ^m 47.521 ^s −8°24'37.796''	26.1	213	165.0	-16.1	41.5	-1.3	84.2	179	
2016/07/15 23:56:56	23021 1999 WR3	5.2	17.74	6.02	225	0.5	37°58'40'' 48°21'35''	147	0.4	TYC 627900666	11.72	18 ^h 37 ^m 34.760 ^s −22°27'45.684''	5.0	226	165.0	-12.6	31.7	-8.5	84.4	142	
2016/07/16 01:11:17	212 Medea	136.1	13.95	1.17	213	3.0	34°14'22'' 51°27'14''	317	14.5	UCAC2 40827782	13.23	6 ^h 13 ^m 31.125 ^s 25°46'49.437''	10.6	62	20.8	-4.8	153.7	-20.0	84.7	278	
2016/07/16 19:43:20	6969 Santaro	6.9	17.29	8.47	155	1.3	38°25'19'' 49°48'14''	100	0.4	TYC 559600009	8.82	15 ^h 34 ^m 53.544 ^s −9°21'39.387''	23.9	217	118.8	-14.4	24.0	21.8	89.8	72	
2016/07/16 23:41:33	7577 1990 QV4	11.0	16.89	4.89	57	0.8	35°56'12'' 50°30'27''	334	2.3	UCAC2 25199978	12.02	19 ^h 14 ^m 26.585 ^s −17°41'45.412''	14.4	218	171.8	-14.0	28.2	-0.3	90.8	179	
2016/07/17 00:35:36	1214 Richilde	35.3	16.83	3.07	72	0.8	35°35'09'' 50°31'04''	316	4.8	UCAC2 40828101	13.83	6 ^h 14 ^m 35.218 ^s 25°58'24.797''	6.2	56	21.5	-9.0	164.5	-8.1	91.0	286	
2016/07/17 01:13:53	182 Elsa	43.7	13.62	1.34	114	0.9	37°51'58'' 49°55'11''	97	7.0	UCAC2 39817840	12.65	6 ^h 12 ^m 47.015 ^s 22°49'10.268''	9.3	65	21.7	-4.7	166.5	-13.9	91.1	215	
2016/07/17 19:30:52	16461 1990 BO	13.8	17.18	3.61	255	1.1	35°53'23'' 52°19'24''	354	1.2	UCAC2 37295010	13.61	0 ^h 12 ^m 13.728 ^s 15°41'30.348''	7.0	74	105.8	-13.5	98.0	21.5	94.9	196	
2016/07/17 21:26:41	19516 1998 QF80	6.9	15.44	4.83	77	1.0	35°26'27'' 49°37'44''	232	2.2	TYC 56700597	10.62	22 ^h 32 ^m 17.581 ^s 0°24'01.570''	28.0	128	134.9	-19.0	68.7	18.6	95.2	73	
2016/07/18 17:36:43	56960 2000 SN46	6.6	18.78	7.90	245	0.8	39°30'01'' 50°51'24''	69	0.6	TYC 680001786	10.88	16 ^h 42 ^m 57.704 ^s −25°37'16.379''	13.5	168	136.3	-1.2	29.8	11.1	98.2	225	
2016/07/18 22:52:01	27911 1996 TC14	11.5	16.89	4.05	28	1.0	36°28'33'' 49°49'30''	151	2.6	UCAC2 24186480	12.87	18 ^h 20 ^m 57.784 ^s −19°44'40.643''	11.4	219	158.2	-17.5	9.4	16.4	98.7	174	
2016/07/19 17:29:46	2635 Huggins	9.5	15.22	4.27	193	1.0	37°38'59'' 51°32'55''	30	0.6	TYC 630700399	10.97	19 ^h 38 ^m 28.059 ^s −19°08'41.992''	4.1	127	175.4	-0.4	2.0	5.1	99.8	100	
2016/07/19 22:35:27	11825 1982 UW1	12.0	17.43	4.14	216	0.6	34°50'30'' 51°45'53''	332	1.3	UCAC2 36403176	13.31	1 ^h 53 ^m 13.303 ^s 13°22'15.440''	19.9	93	86.4	-18.4	93.7	21.8	99.9	198	
2016/07/19 22:40:24	1617 Alschnitt	22.9	15.63	1.98	253	1.7	34°19'24'' 51°57'23''	327	1.9	UCAC2 28618709	13.84	19 ^h 12 ^m 01.478 ^s −9°00'16.417''	26.7	210	163.9	-18.2	13.1	21.6	99.9	183	
2016/07/20 00:48:53	43602 2001 SA316	6.3	17.89	5.90	76	0.5	35°42'09'' 50°37'10''	327	1.3	UCAC2 22124986	11.99	20 ^h 54 ^m 16.850 ^s −24°27'12.858''	10.0	210	166.5	-8.1	14.9	11.5	99.9	184	
2016/07/20 01:36:53	6071 Saki-tama	12.6	16.28	2.80	219	1.0	38°04'11'' 48°27'28''	144	1.3	UCAC2 28266345	13.56	19 ^h 12 ^m 38.877 ^s −10°29'57.222''	4.0	248	165.0	-2.3	13.4	5.8	99.9	182	
2016/07/21 23:14:19	11410 1999 FU34	17.4	16.36	4.84	175	1.8	34°29'43'' 48°59'19''	227	2.3	UCAC2 19014834	11.54	18 ^h 41 ^m 49.877 ^s −30°32'45.698''	0.3	217	158.4	-16.8	46.2	28.3	95.3	207	
2016/07/23 22:03:14	1195 Orangia	7.6	14.81	2.71	245	1.2	37°38'26'' 52°04'29''	23	0.0	TYC 630200457	12.19	19 ^h 32 ^m 44.770 ^s −17°32'13.466''	21.1	196	170.0	-20.1	59.4	24.5	82.1	76	
2016/07/24 00:24:11	518 Halawe	15.7	14.83	1.42	80	1.1	35°43'33'' 50°40'17''	330	4.1	UCAC2 36401741	13.75	1 ^h 18 ^m 42.113 ^s 13°01'48.904''	43.3	130	98.2	-11.4	30.8	35.9	81.3	123	

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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}
2016/07/24 20:58:47	105713 2000 SR74	7.2	18.37	6.10	228	0.5	39°26'37" 49°49'35"	96	0.8	TYC 796300206	12.27	20 ^h 45 ^m 23.200 ^s −37°34'37.389"	1.1	166	161.0	−19.9	62.2	12.2	73.1	215
2016/07/24 23:55:10	2039 Payne- Gaposchkin	27.5	18.08	5.33	116	2.5	35°03'45" 50°44'29"	311	4.5	UCAC2 27215639	12.76	22 ^h 16 ^m 07.744 ^s −13°25'39.308"	26.6	185	151.1	−14.4	35.4	35.1	71.9	208
2016/07/25 20:10:00	4856 Seaborg	13.2	16.35	5.94	133	1.6	35°05'53" 50°58'14"	320	2.3	TYC 508301498	10.41	17 ^h 55 ^m 28.096 ^s −1°17'39.004"	37.5	198	139.9	−17.8	109.3	−0.0	62.8	157
2016/07/25 20:20:43	2152 Hanni- bal	46.9	15.50	3.46	188	4.0	36°06'54" 48°21'34"	184	5.9	TYC 569701188	12.08	18 ^h 51 ^m 47.476 ^s −10°05'50.710"	30.0	183	156.4	−18.5	95.9	1.7	62.8	167
2016/07/25 21:22:42	5339 1992 CD	11.0	17.81	4.25	52	2.4	36°03'03" 50°29'39"	341	2.1	UCAC2 21358752	13.59	17 ^h 04 ^m 22.079 ^s −25°42'04.657"	4.5	220	134.3	−20.6	121.3	11.4	62.3	205
2016/07/26 00:44:10	5647 1990 TZ	12.6	16.76	3.93	8	1.1	36°10'55" 50°02'11"	261	2.2	UCAC2 38896473	12.85	21 ^h 43 ^m 55.424 ^s 19°46'56.672"	53.8	223	135.9	−9.7	55.0	39.1	60.7	230
2016/07/26 18:17:33	1005 Arago	57.8	16.36	3.94	82	1.8	36°50'17" 50°41'30"	29	7.5	UCAC2 29838187	12.45	11 ^h 44 ^m 10.310 ^s −5°47'31.186"	2.3	258	55.0	−7.6	145.7	−19.9	52.4	295
2016/07/26 20:28:48	5190 Fry	13.2	17.70	5.62	222	1.0	39°01'14" 51°01'46"	61	1.3	UCAC2 18524347	12.09	18 ^h 40 ^m 17.892 ^s −31°43'03.679"	8.0	187	153.3	−19.1	113.0	−1.8	51.3	293
2016/07/26 20:28:48	5190 Fry	13.2	17.70	5.98	222	1.0	39°01'14" 51°01'46"	61	1.3	TYC 740700751	11.72	18 ^h 40 ^m 17.892 ^s −31°43'03.679"	8.0	187	153.3	−19.1	113.0	−1.8	51.3	293
2016/07/27 00:13:51	1495 Helsinki	18.4	17.25	5.99	245	0.5	39°06'12" 48°49'41"	124	1.8	UCAC2 42192477	11.26	4 ^h 41 ^m 50.103 ^s 29°49'18.265"	25.1	73	51.6	−13.1	39.8	32.7	49.5	256
2016/07/27 18:24:07	21194 1994 PN1	8.3	18.69	11.08	128	0.7	38°00'25" 49°44'03"	106	1.6	HIP 78577	7.61	16 ^h 02 ^m 42.441 ^s −3°39'30.645"	34.4	201	113.3	−8.6	162.0	−21.4	40.8	131
2016/07/29 01:37:08	1654 Bojeva	27.0	16.74	3.48	68	0.6	37°06'28" 49°44'23"	120	3.5	UCAC2 42394605	13.31	6 ^h 49 ^m 21.312 ^s 30°25'58.030"	20.1	66	26.5	−3.9	38.6	34.2	26.7	296
2016/07/29 20:53:02	44296 1998 QM90	5.2	17.39	5.47	241	0.5	36°52'32" 52°11'01"	10	0.3	TYC 571600807	11.93	19 ^h 13 ^m 33.601 ^s −11°20'07.346"	28.3	190	158.6	−20.8	147.0	−12.9	19.0	130
2016/07/30 19:53:47	355 Gabriella	23.2	13.99	2.95	103	2.0	36°11'37" 49°07'27"	184	5.1	TYC 690901688	11.12	20 ^h 12 ^m 42.977 ^s −25°09'23.660"	12.9	162	170.5	−17.9	147.6	−20.5	11.2	134
2016/07/30 22:29:54	5146 Moira	10.0	16.32	5.08	169	1.1	36°40'56" 51°32'26"	10	1.3	TYC 638500201	11.25	22 ^h 31 ^m 27.673 ^s −15°24'38.486"	23.3	164	153.5	−21.0	115.9	−7.6	10.5	129
2016/07/31 01:44:18	109 Felicitas	89.4	13.29	1.18	37	1.8	36°48'02" 49°59'58"	98	15.1	UCAC2 40682994	12.56	8 ^h 10 ^m 00.865 ^s 25°10'20.520"	6.7	58	10.2	−3.3	28.5	19.7	9.5	231
2016/07/31 18:13:55	1122 Neith	11.6	14.99	4.83	151	1.2	35°20'18" 48°50'14"	207	1.7	TYC 689800570	10.17	19 ^h 48 ^m 31.732 ^s −27°51'30.051"	5.4	147	163.8	−8.3	163.6	−18.8	5.5	116
2016/07/31 22:19:37	1473 Oumas	17.6	14.35	1.30	143	2.8	35°39'02" 51°16'08"	342	2.0	UCAC2 33114423	13.44	19 ^h 25 ^m 34.200 ^s 3°51'30.968"	37.6	219	150.6	−21.6	157.1	−14.8	4.6	86

