

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: 160

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			
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 (%)
2015/02/01 01:09:39	19159 TT	7.2	17.17	5.99	73	0.6	36°51'54" 50°35'13"	35	1.7 1.9	TYC 195801663	11.18	9 ^h 18 ^m 49.316 ^s 27°31'22.581"	-38.2	254	168.5	-38.2	38.0	16.8	92.0	149
2015/02/01 01:48:47	3976 Lise	26.2	17.06	4.39	56	1.4	36°00'17" 49°34'38"	201	4.6 4.7	UCAC2 23882928	12.69	14 ^h 43 ^m 19.249 ^s -20°13'09.746"	-32.1	154	87.0	-32.1	124.4	10.9	92.2	221
2015/02/01 02:31:05	897 Lysistrata	21.9	15.46	2.98	203	0.6	37°59'54" 51°30'43"	37	2.6 4.4	UCAC2 20186263	12.55	16 ^h 34 ^m 58.997 ^s -28°04'44.873"	-25.4	142	60.6	-25.4	149.4	4.6	92.3	200
2015/02/01 03:00:36	783 Nora	40.0	15.52	2.04	153	1.0	35°35'40" 48°44'60"	199	6.2 9.0	UCAC2 26027259	13.65	17 ^h 23 ^m 49.029 ^s -15°39'43.152"	-20.6	133	50.9	-20.6	161.1	0.4	92.4	178
2015/02/01 04:21:34	2240 Tsai	24.9	18.43	5.24	207	0.7	34°26'32" 48°38'00"	220	2.6 3.2	UCAC2 22285478	13.20	17 ^h 39 ^m 02.636 ^s -23°30'48.740"	-7.8	150	46.6	-7.8	163.6	-9.8	92.7	309
2015/02/01 16:06:08	1744 Harriet	14.1	16.83	3.45	160	8.9	34°07'43" 50°27'11"	286	1.8 5.1	UCAC2 42198860	13.43	5 ^h 19 ^m 46.670 ^s 29°41'24.412"	-16.0	120	128.6	-16.0	28.2	33.6	95.0	109
2015/02/01 16:14:18	54656 SX362	26.3	18.21	4.71	145	1.6	35°14'19" 48°56'13"	211	2.2 2.3	UCAC2 34060054	13.52	6 ^h 01 ^m 15.904 ^s 6°43'44.858"	-17.3	130	135.4	-17.3	19.9	34.8	95.0	454
2015/02/01 16:39:10	53418 PY3	15.1	19.66	6.54	73	1.1	35°16'02" 50°02'37"	270	1.3 1.3	UCAC2 29216084	13.12	4 ^h 13 ^m 21.190 ^s -7°00'16.410"	-21.3	173	105.5	-21.3	50.2	38.5	95.1	460
2015/02/01 21:58:07	13035 UA6	15.1	18.71	4.82	214	4.9	37°24'11" 51°50'25"	22	1.5 2.0	UCAC2 40305109	13.91	4 ^h 48 ^m 27.345 ^s 24°16'02.714"	-57.1	268	121.2	-57.1	36.8	50.6	96.0	304
2015/02/01 22:58:17	16207 Mont- gomery	6.9	18.15	6.26	61	0.5	36°00'04" 49°31'50"	200	1.4 1.5	TYC 248300927	11.90	8 ^h 29 ^m 24.757 ^s 31°30'13.126"	-54.2	235	163.9	-54.2	20.7	43.2	96.1	185
2015/02/02 01:30:58	93434 ST319	5.2	16.92	7.09	13	0.9	36°18'34" 49°55'47"	173	1.7 1.7	TYC 26000427	9.83	10 ^h 49 ^m 21.790 ^s 5°42'32.413"	-34.7	218	151.1	-34.7	49.9	20.1	96.5	121
2015/02/02 19:27:44	17121 Fernan- donido	5.5	18.36	9.49	45	0.7	36°12'25" 50°26'50"	353	2.1 2.4	HIP 55943	8.87	11 ^h 27 ^m 55.228 ^s 11°00'35.718"	-46.6	97	144.5	-46.6	49.0	51.5	98.6	91
2015/02/02 21:05:31	5603 Rausu- lake	24.0	16.54	2.96	94	1.8	36°39'36" 50°51'20"	17	3.7 4.0	UCAC2 37352052	13.65	7 ^h 41 ^m 15.051 ^s 15°47'36.397"	-55.8	197	160.2	-55.8	7.1	55.2	98.7	241
2015/02/03 02:27:21	7732 VE9	10.0	16.87	4.13	1	0.7	36°17'36" 50°03'23"	26	2.4 2.4	UCAC2 37360863	12.76	9 ^h 07 ^m 44.391 ^s 15°54'43.130"	-25.6	265	179.0	-25.6	11.2	17.1	99.2	166
2015/02/03 03:44:15	1005 Arago	57.8	14.78	2.04	17	6.1	36°12'23" 49°54'26"	200	14.0 14.1	UCAC2 47627909	12.92	5 ^h 47 ^m 27.477 ^s 47°10'31.459"	-13.2	332	129.4	-13.2	46.2	5.2	99.2	163
2015/02/03 04:18:10	1794 Finsen	37.3	16.87	3.94	134	0.9	36°03'25" 48°51'05"	187	4.9 5.5	UCAC2 26298678	12.96	18 ^h 28 ^m 23.751 ^s -15°07'34.224"	-7.9	137	37.6	-7.9	151.7	0.2	99.3	268
2015/02/03 15:24:00	669 Kypria	31.8	15.53	1.80	115	4.1	36°47'01" 51°02'04"	18	5.6 6.8	UCAC2 35347639	13.95	5 ^h 58 ^m 26.881 ^s 10°14'56.083"	-8.8	117	133.9	-8.8	41.4	9.4	99.8	187
2015/02/03 18:14:40	14548 TJ24	8.7	17.04	4.74	67	0.8	36°04'20" 49°27'48"	193	2.0 2.2	TYC 19301375	12.31	7 ^h 54 ^m 56.647 ^s 7°17'56.695"	-35.9	133	160.1	-35.9	15.4	35.2	99.8	159
2015/02/03 19:18:58	2877 Likhachev	37.0	17.65	4.52	244	3.0	36°31'57" 52°13'51"	4	3.6 7.0	UCAC2 40338490	13.15	7 ^h 11 ^m 11.146 ^s 24°06'44.300"	-45.2	163	151.7	-45.2	27.1	43.6	99.8	210
2015/02/03 19:37:16	7067 Kiyose	14.5	16.55	4.24	58	4.7	36°23'23" 49°31'47"	173	3.0 3.2	TYC 241300901	12.33	5 ^h 45 ^m 53.915 ^s 34°57'25.631"	-47.5	227	131.5	-47.5	48.3	45.7	99.8	181

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		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}
2015/02/03 19:50:17	30132 2000 FP47	6.6	18.71	8.26	112	0.5	35°52'40" 49°04'45"	195	1.1 1.3	TYC 135900533	10.45	7 ^h 25 ^m 48.801 ^s 22°11'15.588"	62.2	172	155.3	-49.1	23.6	47.0	99.8	201
2015/02/03 20:14:10	1662 Hoffmann	15.8	16.38	2.86	108	0.6	36°15'01" 49°04'39"	181	3.0 3.7	UCAC2 37299143	13.60	1 ^h 51 ^m 25.780 ^s 15°57'00.537"	14.9	277	77.1	-51.7	101.8	49.1	99.8	173
2015/02/03 21:21:15	2444 Lederle	15.1	15.46	4.63	111	2.3	35°37'52" 50°57'11"	335	3.3 4.9	TYC 134002132	10.85	6 ^h 29 ^m 19.805 ^s 21°14'06.144"	51.4	234	142.3	-56.2	36.9	52.6	99.9	124
2015/02/03 22:19:51	19687 1999 RP199	7.9	17.31	6.12	5	0.6	36°12'50" 50°03'29"	283	2.0 2.0	TYC 139201735	11.19	8 ^h 35 ^m 48.877 ^s 15°31'09.739"	53.3	206	172.2	-56.0	7.0	51.8	99.9	161
2015/02/03 23:18:35	3246 Bidstrup	16.6	16.26	3.49	222	1.2	33°56'01" 48°45'54"	230	1.8 3.2	UCAC2 28184951	12.82	8 ^h 31 ^m 48.091 ^s -10°29'53.735"	23.5	214	151.5	-51.9	24.2	47.7	99.9	210
2015/02/04 00:42:38	20084 Buckmaster	6.6	17.24	5.40	30	0.5	35°52'23" 50°06'45"	284	2.0 2.1	UCAC2 37546287	11.85	13 ^h 14 ^m 15.265 ^s 16°15'47.041"	53.5	151	121.3	-41.6	60.0	37.8	99.9	126
2015/02/04 03:42:47	2697 Albina	51.5	17.22	3.33	232	1.3	34°11'13" 48°28'56"	221	4.6 5.6	UCAC2 22781479	13.94	18 ^h 46 ^m 01.728 ^s -22°57'45.552"	2.1	131	34.2	-13.3	143.5	10.3	99.8	364
2015/02/04 16:49:50	706 Hirundo	29.2	15.72	2.36	134	2.0	37°06'55" 51°08'06"	26	5.1 7.3	UCAC2 43742654	13.49	3 ^h 17 ^m 31.267 ^s 34°23'12.472"	71.6	218	100.4	-22.3	88.4	13.4	99.4	160
2015/02/04 18:04:23	13093 Wolfgangpauli	11.0	16.92	4.01	144	1.4	37°11'23" 51°12'37"	27	1.8 2.7	UCAC2 34808669	12.94	6 ^h 39 ^m 47.719 ^s 8°39'08.990"	46.2	154	142.3	-34.1	44.4	24.8	99.3	163
2015/02/04 19:18:32	4844 Matsuyama	11.0	16.79	3.13	137	1.1	36°03'21" 48°49'33"	187	1.6 1.9	UCAC2 37695532	13.72	6 ^h 53 ^m 39.812 ^s 16°39'37.285"	56.8	175	147.0	-44.9	41.6	35.4	99.3	236
2015/02/04 21:34:39	49485 1999 BL16	5.2	17.71	6.38	187	0.7	36°28'45" 48°22'34"	176	0.6 1.4	TYC 85400351	11.34	11 ^h 09 ^m 56.692 ^s 14°16'53.387"	45.6	132	151.5	-56.2	20.9	48.4	99.1	146
2015/02/05 03:56:16	2450 Ioannisiani	35.0	17.08	4.24	155	1.5	37°30'37" 51°11'55"	34	4.8 6.1	UCAC2 25551233	12.86	15 ^h 36 ^m 26.670 ^s -16°46'51.755"	23.2	176	80.0	-10.9	87.1	12.7	98.6	230
2015/02/05 04:55:50	1908 Pobeda	21.8	16.73	4.95	91	0.7	37°04'45" 50°41'28"	38	3.2 3.4	UCAC2 21799402	11.79	16 ^h 41 ^m 00.332 ^s -24°57'26.179"	15.0	175	63.7	-1.8	102.6	3.3	98.5	253
2015/02/05 20:22:07	4053 Cherkasov	6.9	16.87	6.02	181	0.7	36°32'42" 51°39'51"	6	0.7 2.3	TYC 84100653	10.86	10 ^h 25 ^m 35.990 ^s 10°47'09.124"	39.5	127	162.3	-51.8	4.7	35.0	96.8	119
2015/02/06 00:00:42	18667 1998 FF62	5.8	18.25	7.19	27	0.6	36°03'45" 49°50'49"	216	1.4 1.4	TYC 246301372	11.06	7 ^h 20 ^m 40.533 ^s 36°00'28.575"	44.0	277	147.3	-46.7	54.3	44.6	96.3	163
2015/02/06 01:45:12	83826 2001 UW20	6.3	17.37	5.43	145	0.5	35°56'55" 48°45'35"	190	1.0 1.7	UCAC2 35749692	11.95	8 ^h 32 ^m 09.495 ^s 11°26'12.713"	21.3	262	168.3	-31.7	32.4	35.2	96.0	151
2015/02/06 14:34:38	8818 Hermannbondi	5.8	18.58	8.27	25	2.0	36°24'06" 49°50'03"	161	1.4 1.4	TYC 186301444	10.31	5 ^h 53 ^m 02.490 ^s 23°43'38.209"	39.1	99	131.2	-0.6	77.4	-24.0	93.9	167
2015/02/06 18:18:27	26374 1999 CP106	5.5	17.67	6.31	85	0.7	35°12'34" 50°22'58"	296	1.3 1.6	UCAC2 32820110	11.36	5 ^h 08 ^m 42.022 ^s 3°08'38.511"	42.5	194	117.1	-35.8	90.6	8.4	93.2	135
2015/02/06 23:38:02	10396 1997 SW33	8.3	17.23	5.30	53	1.7	36°00'17" 49°36'19"	202	2.1 2.2	UCAC2 42394325	11.93	6 ^h 47 ^m 58.451 ^s 30°04'56.567"	37.9	273	142.2	-49.1	70.5	42.2	92.0	151
2015/02/07 04:15:30	1031 Arctica	75.5	15.61	3.08	44	1.8	36°38'25" 50°22'14"	35	10.4 10.5	UCAC2 28087567	12.60	19 ^h 05 ^m 46.089 ^s -10°30'59.918"	15.9	129	33.3	-7.5	113.6	17.3	91.1	286

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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}
2015/02/07 20:28:55	23175 2000 HL87	5.5	18.41	8.84	243	1.2	37°01'26'' 52°10'57''	13	0.4	TYC 6°00'35.179''	9.57	12 ^h 29 ^m 50.657 ^s	19.8	105	133.5	-51.9	10.2	18.5	87.2	153
2015/02/08 15:48:14	14702 Benclark	8.7	17.96	6.41	206	0.7	35°59'34'' 48°12'13''	186	1.0	TYC 76401780	11.55	7 ^h 28 ^m 53.614 ^s 8°06'06.965''	25.0	108	150.3	-11.4	77.8	-31.9	81.7	189
2015/02/08 19:49:52	6057 Robbia	14.5	17.50	4.72	78	1.4	37°00'21'' 49°31'38''	138	2.0	UCAC2 32145639	12.80	4 ^h 47 ^m 59.174 ^s 1°25'12.718''	30.7	229	109.7	-47.7	119.2	3.5	80.5	271
2015/02/09 02:52:40	3970 Herran	13.2	17.36	4.63	116	0.8	34°55'22'' 49°29'33''	238	1.6	UCAC2 24851730	12.74	14 ^h 59 ^m 42.803 ^s -18°24'54.491''	21.4	173	92.0	-20.2	32.2	30.7	78.1	310
2015/02/09 18:28:39	39525 1989 TR2	11.5	17.12	3.35	215	0.9	36°13'02'' 48°06'47''	181	1.2	UCAC2 41317557	13.82	3 ^h 35 ^m 53.423 ^s 27°27'11.032''	52.9	247	97.7	-36.5	144.1	-18.4	72.8	169
2015/02/09 18:55:53	14420 Massey	10.0	17.71	11.11	169	0.8	36°24'42'' 51°33'48''	3	1.2	HIP 55254	6.60	11 ^h 18 ^m 59.958 ^s 14°16'04.800''	23.8	96	154.0	-40.5	39.3	-14.3	72.7	116
2015/02/09 18:58:15	43505 2001 CK33	5.0	17.22	7.11	70	0.7	36°45'08'' 49°29'27''	152	1.4	TYC 297801087	10.11	8 ^h 26 ^m 57.425 ^s 40°29'27.596''	69.4	107	150.5	-40.8	84.5	-13.9	72.7	126
2015/02/10 02:08:12	6445 Bellmore	10.5	16.17	4.72	152	1.6	37°59'14'' 50°53'04''	53	1.6	UCAC2 38406601	11.46	6 ^h 24 ^m 29.691 ^s 18°39'06.447''	0.9	299	134.8	-27.1	111.4	31.0	70.1	128
2015/02/10 14:38:52	4672 Takuboku	35.7	16.60	3.75	8	4.2	36°17'39'' 49°58'17''	176	6.7	UCAC2 42395664	12.89	6 ^h 55 ^m 18.924 ^s 30°25'15.473''	36.9	85	140.1	-0.2	111.1	-50.8	65.4	211
2015/02/10 17:58:10	87063 2000 KO53	5.0	18.62	6.72	202	0.5	35°57'54'' 48°14'57''	187	0.6	TYC 76700480	11.90	7 ^h 16 ^m 52.712 ^s 10°57'06.245''	46.8	146	146.1	-31.7	106.2	-32.3	64.0	169
2015/02/10 18:27:59	6262 Javid	10.0	16.86	3.00	154	0.8	36°31'46'' 51°25'14''	6	1.6	UCAC2 38253997	13.93	8 ^h 58 ^m 05.915 ^s 18°12'54.714''	44.7	120	170.2	-36.2	83.7	-27.9	63.9	155
2015/02/10 21:33:33	10695 1981 ER21	7.2	18.22	9.83	99	0.6	37°05'56'' 50°46'24''	36	1.7	HIP 40130	8.39	8 ^h 11 ^m 48.766 ^s 16°05'52.162''	53.5	209	159.6	-54.3	95.7	0.3	62.6	130
2015/02/10 23:12:17	5256 Farquhar	14.5	16.51	5.37	188	1.1	37°56'36'' 51°22'13''	39	1.8	TYC 483302526	11.15	7 ^h 57 ^m 35.348 ^s -1°09'37.736''	25.8	233	151.1	-50.5	96.6	13.6	61.9	161
2015/02/11 01:57:11	3001 Michelan-gelo	13.8	16.21	4.99	22	1.3	35°59'29'' 50°05'42''	284	3.4	TYC 725000585	11.23	13 ^h 04 ^m 35.968 ^s -31°06'01.102''	8.4	189	112.5	-28.6	27.5	27.1	60.8	160
2015/02/11 15:44:20	2259 Sofievka	21.0	16.46	3.76	198	1.8	37°05'25'' 48°20'42''	163	2.0	UCAC2 37888773	12.73	8 ^h 03 ^m 52.401 ^s 17°01'11.201''	27.6	96	156.9	-10.1	107.1	-53.3	55.3	129
2015/02/11 17:16:43	14647 1998 XG48	10.0	17.23	4.73	179	0.7	37°04'34'' 48°31'23''	162	1.4	TYC 196700391	12.52	9 ^h 54 ^m 49.052 ^s 29°48'59.567''	33.8	82	163.7	-24.9	86.1	-46.1	54.6	175
2015/02/11 17:16:43	14647 1998 XG48	10.0	17.23	4.45	179	0.7	37°04'34'' 48°31'23''	162	1.4	UCAC2 42235061	12.80	9 ^h 54 ^m 49.052 ^s 29°48'59.567''	33.8	82	163.7	-24.9	86.1	-46.1	54.6	175
2015/02/11 18:45:34	33641 1999 JZ81	6.9	18.96	6.99	139	0.6	37°02'35'' 48°54'05''	157	1.1	TYC 66500849	11.98	3 ^h 55 ^m 50.191 ^s 14°21'20.424''	41.8	237	97.3	-38.5	167.9	-34.5	54.0	206
2015/02/11 18:51:37	32773 1986 TD	6.6	16.75	5.21	245	0.6	39°40'09'' 49°44'39''	98	0.3	TYC 454100517	11.55	9 ^h 09 ^m 11.775 ^s 75°40'10.457''	60.3	17	118.2	-39.3	103.6	-33.7	53.9	122
2015/02/11 19:01:58	4938 Papadopoulos	6.3	16.50	4.12	28	0.6	36°22'15'' 50°17'33''	12	2.3	TYC 24000733	12.41	9 ^h 58 ^m 05.329 ^s 4°17'43.725''	30.1	124	169.3	-40.8	78.6	-32.1	53.9	108

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		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}
2015/02/11 21:04:37	945 Barcelona	25.5	13.75	1.31	121	1.6	35°00'53" 50°46'01"	311	5.1	UCAC2 47523173	12.83	6 ^h 12 ^m 13.620 ^s 46°42'08.848"	62.9	279	125.9	-53.0	130.4	-13.4	53.0	111
2015/02/11 21:50:34	41430 2000 GN4	6.6	17.18	4.73	227	0.6	35°35'40" 48°03'37"	193	0.5	TYC 251900042	12.47	10 ^h 53 ^m 36.982 ^s 32°40'12.392"	68.4	136	154.8	-54.1	77.8	-6.4	52.7	140
2015/02/12 02:52:16	12723 1991 PD10	5.8	16.44	5.16	137	0.5	37°06'56" 51°09'29"	26	1.0	UCAC2 36823861	11.29	9 ^h 55 ^m 49.788 ^s 14°19'44.312"	22.4	266	176.3	-19.6	86.2	24.5	50.5	111
2015/02/12 14:41:26	57019 2000 TQ57	5.0	17.45	6.83	164	0.5	34°30'56" 50°59'54"	310	0.7	TYC 299300352	10.62	9 ^h 48 ^m 15.954 ^s 37°55'07.633"	18.2	52	155.7	-0.1	100.0	-53.2	45.6	133
2015/02/12 16:38:57	79977 1999 CS155	5.2	18.85	7.80	246	0.7	39°09'32" 48°52'06"	123	0.4	TYC 189200046	11.05	6 ^h 34 ^m 20.455 ^s 29°58'02.455"	59.9	120	133.7	-18.6	140.8	-55.5	44.7	176
2015/02/12 19:12:07	3728 IRAS	19.5	15.99	2.43	73	2.1	36°39'19" 49°26'17"	159	5.1	UCAC2 31511606	13.68	12 ^h 50 ^m 23.315 ^s 0° - 40°00.766"	2.2	94	131.5	-41.9	49.0	-39.7	43.6	130
2015/02/13 01:47:57	50576 2000 EP40	5.2	19.43	7.49	76	0.5	35°37'34" 49°30'54"	219	1.0	TYC 557600721	11.94	14 ^h 39 ^m 57.209 ^s -13°55'57.542"	25.0	165	101.9	-29.6	22.9	15.4	40.7	199
2015/02/13 15:01:26	18000 1999 JX80	6.6	17.49	5.72	253	1.0	38°28'09" 51°51'34"	38	0.4	TYC 14102092	11.78	6 ^h 27 ^m 12.995 ^s 4°07'57.029"	26.9	119	130.0	-2.9	151.3	-51.7	35.2	144
2015/02/13 16:11:01	5466 Makibi	8.7	17.24	5.25	163	2.5	36°07'21" 48°35'24"	184	1.3	TYC 134201626	12.00	6 ^h 47 ^m 59.480 ^s 21°12'52.496"	47.8	118	136.7	-13.8	151.2	-57.1	34.7	153
2015/02/13 19:39:17	4214 Veralynn	9.5	15.50	4.24	120	1.2	36°13'48" 48°57'59"	182	1.8	TYC 85000297	11.28	11 ^h 00 ^m 57.856 ^s 10°36'29.296"	32.9	115	161.8	-45.0	91.8	-44.4	33.2	97
2015/02/13 20:34:49	5957 Irina	11.5	18.35	6.84	254	0.9	33°37'47" 51°35'42"	312	1.1	TYC 9900854	11.51	5 ^h 11 ^m 27.870 ^s 0°09'08.084"	24.2	238	110.4	-50.5	161.8	-36.5	32.8	249
2015/02/13 23:00:43	798 Ruth	43.2	14.41	3.36	165	4.9	37°58'49" 51°04'17"	47	6.3	TYC 76602408	11.10	7 ^h 15 ^m 10.626 ^s 9°31'48.546"	28.6	249	142.4	-50.5	146.9	-14.1	31.7	165
2015/02/14 02:31:55	31705 1999 JM45	7.2	17.59	7.76	34	0.7	36°41'29" 50°12'29"	58	1.7	HIP 42223	9.83	8 ^h 36 ^m 31.697 ^s 35°56'11.718"	27.3	294	152.0	-22.3	131.6	13.4	30.2	170
2015/02/14 17:48:06	8362 1990 QM1	7.2	17.92	7.45	83	0.6	36°22'05" 50°47'40"	4	1.5	TYC 139200913	10.47	8 ^h 41 ^m 35.655 ^s 17°23'34.359"	43.0	118	162.7	-29.1	138.7	-58.5	24.0	175
2015/02/14 18:40:44	615 Roswitha	48.2	13.79	3.24	64	3.9	36°16'41" 49°28'16"	181	13.2	TYC 141100449	10.61	9 ^h 47 ^m 34.630 ^s 16°47'50.447"	40.6	115	176.1	-37.0	123.6	-56.7	23.7	128
2015/02/14 21:18:06	49662 1999 KC3	10.5	17.24	4.10	152	1.8	36°29'47" 51°24'20"	6	1.6	UCAC2 46556415	13.17	7 ^h 15 ^m 09.570 ^s 42°44'36.810"	67.3	264	135.0	-52.6	150.4	-38.6	22.6	184
2015/02/14 23:09:07	2610 Tuva	7.2	15.59	4.36	49	0.8	36°41'28" 50°23'56"	36	2.8	TYC 83300531	11.25	10 ^h 09 ^m 01.337 ^s 10°18'14.188"	48.3	204	175.1	-49.5	119.6	-21.6	21.9	90
2015/02/15 01:54:48	26219 1997 WO21	8.7	17.00	5.85	123	0.9	34°58'05" 50°45'57"	310	1.6	UCAC2 29825241	11.16	8 ^h 28 ^m 01.059 ^s -5°30'18.867"	0.4	261	152.1	-28.0	138.0	2.6	20.8	156
2015/02/15 17:54:06	23787 1998 QC17	5.8	17.43	6.51	29	1.3	36°30'28" 50°16'01"	33	1.8	TYC 135601786	10.92	6 ^h 59 ^m 43.892 ^s 21°22'54.677"	59.3	153	137.4	-29.8	175.3	-56.6	15.0	122
2015/02/15 18:04:19	9825 Oetken	10.0	17.66	5.57	3	1.5	36°18'51" 50°04'10"	39	2.0	UCAC2 42720703	12.09	5 ^h 19 ^m 38.631 ^s 31°24'23.396"	69.3	212	114.5	-31.3	155.8	-57.1	14.9	196

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}
2015/02/15 20:06:51	16054 1999 JP55	8.7	18.62	7.65	38	1.0	36°14'28'' 49°42'43''	185	1.6	TYC	10.98	12 ^h 53 ^m 33.168 ^s 6°33'51.387''	17.9	101	135.7	-47.4	91.7	-54.0	14.3	215
2015/02/15 21:13:22	5878 Charlene	7.2	17.48	5.87	172	1.2	36°36'56'' 48°31'15''	172	1.0	TYC	11.62	5 ^h 12 ^m 37.546 ^s 16°43'47.084''	30.7	259	111.8	-52.1	155.6	-46.6	13.9	140
2015/02/16 04:12:31	858 El Djézair	23.5	15.52	4.04	142	0.8	37°31'28'' 51°02'50''	38	3.5	UCAC2	11.50	17 ^h 05 ^m 07.228 ^s -21°09'37.925''	18.2	169	69.7	-5.7	30.4	12.9	11.6	211
2015/02/16 15:21:30	763 Cupido	17.3	16.22	3.78	145	3.6	36°13'10'' 48°44'53''	182	2.8	UCAC2	12.47	5 ^h 46 ^m 06.524 ^s 23°23'32.099''	52.9	123	119.4	-5.2	152.0	-30.1	8.3	126
2015/02/16 19:45:09	5670 Rosstav-lor	18.2	16.20	3.82	16	4.7	36°04'11'' 50°05'11''	286	3.3	UCAC2	12.42	5 ^h 49 ^m 21.953 ^s 16°50'32.736''	48.3	229	119.6	-44.8	150.4	-56.0	7.1	218
2015/02/16 21:22:22	7775 Taiko	7.2	17.51	6.50	158	2.8	38°02'42'' 50°54'57''	52	1.1	TYC	11.01	6 ^h 03 ^m 31.919 ^s 22°13'09.940''	40.7	256	123.1	-52.1	152.7	-50.6	6.8	151
2015/02/16 21:59:33	6704 1988 CJ	8.7	17.80	6.46	156	4.3	37°45'12'' 51°05'20''	42	1.3	TYC	11.35	5 ^h 40 ^m 51.861 ^s 22°13'08.659''	31.2	268	117.9	-52.3	147.2	-46.5	6.7	174
2015/02/16 22:29:53	2290 Helffrich	11.0	15.88	5.32	236	1.3	36°46'54'' 47°56'58''	171	0.5	TYC	10.56	6 ^h 03 ^m 01.738 ^s 11°46'54.246''	22.1	262	122.3	-51.4	151.7	-42.7	6.5	121
2015/02/16 22:58:52	93449 2000 SD347	6.0	16.51	4.35	96	1.0	36°44'59'' 49°14'05''	160	1.4	TYC	12.18	8 ^h 00 ^m 39.216 ^s -16°59'41.922''	11.1	226	138.5	-49.7	147.4	-38.7	6.3	137
2015/02/17 00:35:01	4582 Hank	10.0	16.20	3.14	21	0.8	36°03'17'' 49°56'10''	233	3.0	UCAC2	13.12	9 ^h 35 ^m 43.524 ^s 25°57'03.083''	46.4	255	165.1	-39.2	156.2	-24.2	5.9	130
2015/02/17 02:01:22	7691 Brady	5.0	16.96	8.02	10	0.7	36°20'41'' 50°07'43''	25	3.3	HIP	8.94	8 ^h 34 ^m 10.257 ^s 24°35'35.756''	21.8	283	156.2	-26.4	168.8	-10.7	5.6	60
2015/02/17 17:49:40	2286 Fesenkov	9.1	16.01	4.33	90	0.9	36°24'42'' 50°50'60''	6	2.4	UCAC2	11.70	11 ^h 11 ^m 52.210 ^s 7°34'12.453''	14.2	95	162.4	-28.5	144.1	-40.5	2.6	107
2015/02/17 20:01:50	2592 Hunan	12.6	17.83	5.68	236	2.4	36°50'53'' 52°08'11''	10	1.3	UCAC2	12.15	5 ^h 00 ^m 27.917 ^s 21°17'50.596''	42.2	252	107.5	-46.3	124.1	-52.3	2.2	255
2015/02/17 21:04:42	1929 Kollaa	10.0	16.49	3.69	16	1.7	36°24'45'' 50°10'18''	33	3.1	UCAC2	12.84	5 ^h 25 ^m 12.508 ^s 30°14'51.965''	42.5	268	113.6	-51.0	128.5	-52.6	2.1	126
2015/02/18 15:19:26	1875 Neruda	11.5	18.17	5.28	181	0.6	37°26'55'' 48°36'17''	153	1.4	UCAC2	12.90	3 ^h 32 ^m 43.009 ^s 7°17'07.444''	47.4	182	83.4	-4.4	89.0	-6.9	0.3	234
2015/02/18 15:22:21	10490 1985 VL	11.5	17.54	3.89	120	1.9	37°23'06'' 50°52'11''	41	1.9	UCAC2	13.68	6 ^h 32 ^m 17.073 ^s 4°37'10.869''	32.2	127	126.7	-4.8	132.9	-7.3	0.3	196
2015/02/18 15:50:01	7561 Patrick-michel	9.5	16.92	4.97	6	0.6	36°12'29'' 50°02'36''	265	2.6	UCAC2	11.97	4 ^h 26 ^m 38.627 ^s 27°32'31.026''	67.5	169	99.8	-9.2	104.1	-11.5	0.3	146
2015/02/18 16:36:36	45733 2000 GV139	6.3	18.63	7.00	183	0.9	38°02'13'' 51°15'20''	43	0.8	UCAC2	11.64	6 ^h 54 ^m 30.345 ^s 11°30'18.559''	44.5	137	133.1	-16.7	138.2	-18.6	0.2	205
2015/02/18 16:49:05	4078 Polakis	20.0	16.02	3.57	182	1.4	35°22'01'' 51°34'28''	339	2.5	UCAC2	12.49	9 ^h 42 ^m 46.332 ^s 28°33'34.711''	34.8	86	162.1	-18.7	161.0	-20.5	0.2	225
2015/02/18 19:37:13	68287 2001 FL24	8.3	19.99	9.01	203	1.3	33°37'56'' 49°24'59''	250	0.8	TYC	10.98	4 ^h 48 ^m 31.617 ^s 27°37'56.463''	48.2	256	104.5	-43.3	106.6	-42.7	0.1	344

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}
2015/02/18 20:29:49	91111 1998 HU47	6.3	17.56	5.59	36	0.9	36°15'17" 49°43'38"	184	1.6	UCAC2 44480655	11.98	8 ^h 05 ^m 15.399 ^s 36°13'56.599"	74.3	214	143.1	-48.5	143.0	-46.9	0.1	151
2015/02/18 23:36:21	4631 Yabu	7.6	16.42	5.43	64	1.6	37°08'17" 49°51'54"	108	2.4	TYC 242800697	11.00	6 ^h 14 ^m 51.532 ^s 34°55'15.158"	28.8	291	122.6	-45.7	121.8	-42.3	0.1	107
2015/02/19 00:06:06	886 Washingtonia	90.6	14.95	1.72	68	5.5	35°46'06" 49°32'29"	213	16.6	UCAC2 43618384	13.48	10 ^h 26 ^m 56.303 ^s 33°58'58.029"	63.1	245	157.0	-42.3	153.7	-39.0	0.1	205
2015/02/19 17:15:01	4532 Copland	13.8	16.56	3.92	198	1.7	37°42'09" 51°34'48"	31	1.6	UCAC2 34450892	12.67	7 ^h 35 ^m 12.130 ^s 7°44'05.490"	41.3	140	141.6	-22.6	132.7	-12.3	0.9	169
2015/02/19 22:34:35	9570 1988 RQ5	7.9	17.39	5.47	125	0.6	37°18'58" 50°57'26"	36	1.5	TYC 82201187	11.93	9 ^h 21 ^m 18.285 ^s 11°20'23.310"	46.7	216	167.8	-50.2	154.9	-44.2	1.4	158
2015/02/20 02:07:26	306 Unitas	46.7	13.69	4.47	124	1.4	35°18'51" 49°07'35"	214	8.4	TYC 624800026	9.24	17 ^h 37 ^m 14.537 ^s -16°43'13.335"	11.8	135	66.5	-24.6	81.8	-26.7	1.9	171
2015/02/20 02:34:38	94 Aurora	204.9	12.60	0.73	250	54.1	33°59'45" 48°22'11"	221	16.9	UCAC2 43426281	12.64	6 ^h 24 ^m 42.036 ^s 33°05'13.954"	4.7	319	123.7	-20.3	107.6	-22.9	2.0	165
2015/02/20 02:40:33	1308 Halleria	43.2	14.74	1.87	225	3.5	37°58'09" 51°46'04"	32	3.3	UCAC2 37717333	13.09	9 ^h 54 ^m 36.702 ^s 16°49'37.838"	20.8	272	172.9	-19.3	157.3	-22.0	2.0	138
2015/02/20 03:18:35	2182 Semiot	25.1	17.11	3.32	136	0.7	36°29'51" 51°15'51"	6	3.3	UCAC2 22089268	13.84	18 ^h 43 ^m 56.923 ^s -24°04'58.493"	5.8	139	50.9	-13.2	67.3	-16.3	2.1	263
2015/02/20 15:06:22	456 Abnoba	39.8	14.33	1.25	165	11.5	34°31'19" 49°06'01"	230	5.8	UCAC2 34602557	13.49	6 ^h 02 ^m 33.314 ^s 8°00'22.887"	37.8	130	118.1	-1.8	96.3	19.0	4.0	176
2015/02/20 16:36:31	8189 Naruke	11.0	17.30	3.45	120	1.7	35°47'18" 51°04'39"	343	1.9	UCAC2 39625448	13.89	5 ^h 26 ^m 38.499 ^s 22°23'26.656"	62.2	168	110.8	-16.2	86.7	5.9	4.4	184
2015/02/20 22:48:59	11180 1998 FU117	6.0	18.21	7.32	13	1.0	36°11'27" 49°56'52"	212	1.5	TYC 191501738	10.89	7 ^h 33 ^m 33.638 ^s 25°09'11.313"	40.9	261	139.2	-49.0	111.3	-38.7	5.8	155
2015/02/21 04:22:36	4831 Baldwin	35.2	18.33	4.77	104	0.8	35°11'44" 49°26'25"	229	4.6	UCAC2 24736366	13.57	20 ^h 34 ^m 05.398 ^s -18°54'18.236"	5.4	128	25.9	-2.7	56.9	-11.2	7.2	286
2015/02/21 17:44:20	1057 Wanda	40.5	15.95	4.48	217	1.6	36°38'20" 51°59'08"	7	4.3	TYC 123600110	11.48	3 ^h 16 ^m 33.690 ^s 18°24'01.869"	42.7	245	79.1	-26.7	40.4	7.6	11.0	176
2015/02/21 18:38:21	2258 Viipuri	23.5	17.34	4.18	140	0.6	35°28'06" 51°11'22"	335	3.1	UCAC2 34767406	13.18	1 ^h 10 ^m 18.160 ^s 8°46'25.037"	6.9	275	47.0	-34.7	7.9	-0.6	11.3	264
2015/02/21 18:47:59	10849 1995 BO1	6.3	17.39	5.85	107	1.1	36°32'15" 50°59'51"	10	1.4	TYC 130600051	11.55	5 ^h 43 ^m 21.881 ^s 20°31'58.434"	55.2	221	113.5	-36.1	74.3	-2.0	11.3	124
2015/02/21 22:34:09	61667 2000 QD118	5.0	17.04	5.09	208	0.5	36°50'17" 51°52'50"	11	0.4	TYC 82000392	11.96	9 ^h 26 ^m 28.540 ^s 9°34'20.457"	44.8	215	167.1	-49.5	126.5	-30.2	12.6	122
2015/02/22 02:36:05	1780 Kippes	27.9	16.35	2.86	36	1.0	36°41'17" 50°14'58"	52	5.0	UCAC2 19467479	13.57	17 ^h 22 ^m 30.323 ^s -29°33'58.454"	5.1	151	71.3	-19.5	114.6	-27.8	13.9	219
2015/02/22 15:22:07	6916 Lewis-pearce	15.8	15.94	3.03	58	1.0	36°40'25" 49°35'20"	152	3.6	UCAC2 34841194	12.98	9 ^h 32 ^m 01.841 ^s 8°49'12.477"	10.6	89	167.7	-3.8	117.8	38.8	18.5	164
2015/02/22 20:13:35	81787 2000 JW79	5.0	19.26	7.29	167	1.4	33°57'37" 50°12'01"	276	0.7	TYC 132401855	11.98	5 ^h 53 ^m 55.938 ^s 22°14'06.676"	46.2	247	114.9	-45.8	61.2	-3.3	20.5	197

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 7		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}
2015/02/22 21:22:39	4973 Showa	25.1	15.94	2.69	151	1.8	36°13'30" 51°24'01"	358	3.9 5.5	UCAC2 37719130	13.34	10 ^h 46 ^m 51.234 ^s 16°41'19.192"	55.4	159	171.1	-50.0	128.6	-12.8	20.9	184
2015/02/22 23:13:23	1448 Lindblad	20.6	15.65	2.04	172	5.6	35°14'35" 48°39'19"	206	1.7 8.6	UCAC2 32875080	13.79	12 ^h 50 ^m 14.896 ^s 3°11'18.160"	41.5	159	142.8	-46.5	160.4	-24.9	21.5	95
2015/02/23 00:08:57	5438 Lorre	16.6	16.89	4.70	139	0.7	38°13'32" 50°01'12"	91	2.6 3.2	UCAC2 44612282	12.21	2 ^h 58 ^m 50.801 ^s 36°48'19.689"	1.7	334	79.8	-40.7	31.0	-28.6	22.0	206
2015/02/23 02:07:25	1121 Natascha	17.4	15.21	4.31	13	4.4	36°08'02" 49°58'43"	235	5.6 5.7	TYC 192300682	10.92	7 ^h 33 ^m 25.226 ^s 29°02'36.352"	11.7	302	136.0	-23.7	79.8	-29.3	22.9	122
2015/02/23 02:59:12	249 Ilse	34.8	15.23	3.58	53	6.6	35°50'07" 49°40'05"	217	10.3 11.3	TYC 192101837	11.70	7 ^h 23 ^m 42.221 ^s 29°12'00.142"	3.9	313	133.9	-15.4	77.2	-26.4	23.2	122
2015/02/23 16:42:38	571 Dulcinea	44.5	15.28	1.97	246	14.4	39°36'54" 49°32'52"	103	1.4 15.9	UCAC2 41875343	13.50	7 ^h 22 ^m 19.128 ^s 28°49'54.931"	58.9	121	133.1	-16.4	69.2	38.8	28.9	111
2015/02/23 17:39:44	1091 Spiraea	32.0	16.96	6.26	73	1.1	36°30'17" 50°41'18"	12	4.7 4.8	TYC 63800063	10.71	2 ^h 29 ^m 23.652 ^s 14°15'45.239"	31.8	253	65.0	-25.4	2.2	30.9	29.2	264
2015/02/23 18:18:53	42284 TV8	9.1	17.90	5.94	42	1.4	35°54'50" 50°20'26"	321	1.8 1.9	UCAC2 46134613	11.96	7 ^h 15 ^m 30.234 ^s 41°12'04.773"	80.9	159	127.7	-31.4	67.0	25.1	29.5	192
2015/02/23 19:54:03	4969 Lawrence	10.0	15.76	3.88	60	0.6	35°26'59" 50°00'57"	267	2.8 3.1	TYC 599201441	11.91	7 ^h 37 ^m 49.104 ^s -20°49'20.328"	18.2	193	128.5	-43.6	80.9	10.5	30.1	130
2015/02/23 20:14:05	9089 UC7	6.9	18.52	9.02	62	0.6	36°25'47" 50°35'56"	9	1.4 1.5	TYC 127800021	9.50	4 ^h 36 ^m 55.960 ^s 21°02'48.864"	32.6	264	96.0	-45.5	29.4	7.5	30.3	186
2015/02/23 22:57:26	54588 QE192	6.0	18.06	7.07	199	0.6	36°00'25" 48°16'11"	186	0.7 1.3	TYC 86600554	10.99	12 ^h 10 ^m 22.000 ^s 9°49'34.508"	49.4	167	154.4	-47.3	135.3	-14.8	31.5	180
2015/02/24 15:04:08	28003 WT52	8.3	17.35	5.12	7	0.7	36°22'35" 50°01'32"	111	2.0 2.0	TYC 197600813	12.24	10 ^h 35 ^m 10.437 ^s 28°54'37.250"	14.5	62	160.5	-0.4	98.1	54.7	38.5	169
2015/02/24 20:20:58	33132 CD4	6.6	17.07	5.25	119	0.7	37°31'28" 50°46'04"	48	1.3 2.0	UCAC2 40514390	11.83	8 ^h 48 ^m 39.687 ^s 24°36'21.796"	64.7	188	151.5	-45.8	73.5	16.7	40.9	134
2015/02/24 20:55:25	968 Petunia	27.9	14.07	0.88	82	5.2	35°10'29" 50°13'04"	283	7.2 8.9	UCAC2 33552514	13.82	7 ^h 17 ^m 01.710 ^s 5°19'19.742"	36.5	226	132.0	-48.1	55.3	11.4	41.1	125
2015/02/24 21:09:56	148 Gallia	97.7	12.33	1.01	208	4.5	35°28'37" 51°50'54"	344	10.2 25.0	UCAC2 31625136	11.86	4 ^h 47 ^m 06.589 ^s 0° - 14°29.410"	8.5	259	94.2	-48.8	23.6	9.2	41.2	153
2015/02/25 00:35:45	13823 VO72	11.0	17.79	8.05	118	2.3	36°57'45" 51°00'46"	24	1.8 2.2	TYC 190600098	9.74	6 ^h 50 ^m 14.795 ^s 29°29'14.825"	17.9	295	124.8	-36.6	44.6	-16.9	42.9	202
2015/02/25 15:27:50	24671 Frankmartin	7.9	17.54	6.80	66	0.7	36°23'39" 50°38'13"	7	1.7 1.9	TYC 140200937	10.74	9 ^h 15 ^m 06.793 ^s 16°45'35.793"	22.2	90	159.6	-3.9	70.7	57.1	49.3	168
2015/02/25 16:36:45	54672 WO180	15.8	19.38	5.64	58	1.5	36°26'07" 49°32'16"	169	1.4 1.4	UCAC2 42014516	13.74	4 ^h 17 ^m 24.385 ^s 29°05'19.683"	65.9	217	91.0	-14.9	12.1	54.9	49.8	459
2015/02/25 16:56:38	1124 Stroobantia	24.6	16.19	4.09	230	2.3	37°11'14" 52°02'00"	16	2.6 4.7	UCAC2 42716145	12.12	4 ^h 56 ^m 50.058 ^s 31°03'53.891"	69.4	209	99.7	-18.1	16.2	53.4	50.0	210
2015/02/25 18:20:42	25297 WW20	6.3	19.12	8.30	239	1.3	37°35'50" 52°01'56"	23	0.6 1.1	TYC 240800467	10.82	5 ^h 40 ^m 02.158 ^s 31°55'54.617"	65.9	230	108.9	-31.1	22.7	43.9	50.6	228

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 8		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}	
2015/02/25 18:52:39	4427 Burna-shev	11.5	17.51	4.07	165	1.3	34°34'25" 49°03'52"	228	1.6	UCAC2 42026477	13.46	5 ^h 37 ^m 07.307 ^s 29°18'49.980"	59.2	239	108.2	-35.6	20.4	39.5	50.8	207	
2015/02/25 20:35:49	254681 2005 MU3	10.0	20.09	7.06	122	0.9	35°47'04" 48°59'50"	197	0.8	UCAC2 35219707	13.03	13 ^h 26 ^m 49.141 ^s 9°50'00.219"	26.0	107	137.3	-46.6	127.4	23.9	51.5	516	
2015/02/25 21:30:38	3884 Alferov	8.3	17.03	6.36	109	1.1	36°50'30" 50°57'45"	21	1.7	TYC 139601319	10.67	8 ^h 50 ^m 36.600 ^s 19°05'28.493"	54.7	217	153.0	-49.0	61.1	15.4	52.0	146	
2015/02/25 22:50:02	8239 Signac	6.9	16.96	5.32	101	0.6	37°06'01" 50°47'37"	35	1.5	TYC 83800411	11.64	10 ^h 30 ^m 38.178 ^s 9°01'20.313"	46.9	204	179.1	-47.1	86.4	3.6	52.6	143	
2015/02/26 00:45:41	3024 Hainan	35.6	16.30	2.48	16	2.6	36°25'11" 50°09'47"	36	6.3	UCAC2 43616646	13.93	9 ^h 31 ^m 07.992 ^s 33°57'19.829"	43.7	274	151.0	-34.9	66.4	-11.1	53.4	224	
2015/02/26 02:47:20	287 Nephthys	67.6	13.11	2.33	274	2.2	37°17'32" 52°25'54"	15	4.6	TYC 568700420	10.91	18 ^h 00 ^m 10.598 ^s -14°27'45.676"	18.2	143	67.2	-16.4	161.3	-20.8	54.3	178	
2015/02/26 16:04:35	2309 Mr. Spock	21.3	16.64	3.08	172	1.1	34°58'46" 51°20'59"	327	2.8	UCAC2 35331893	13.62	4 ^h 14 ^m 52.620 ^s 10°07'16.547"	49.5	195	86.2	-9.5	16.2	58.1	59.9	228	
2015/02/26 19:08:44	25869 2000 JP70	15.1	17.17	5.02	34	2.1	36°35'45" 50°16'40"	41	2.7	UCAC2 32355457	12.16	7 ^h 47 ^m 35.054 ^s 1°32'18.581"	41.6	184	137.2	-37.4	39.9	45.2	61.2	225	
2015/02/27 01:41:30	544 Jetta	24.6	13.99	1.74	136	1.9	36°57'53" 51°11'10"	21	4.4	UCAC2 34107724	12.50	9 ^h 42 ^m 38.075 ^s 6°35'51.918"	16.2	261	166.0	-26.5	61.4	-10.9	63.9	139	
2015/02/27 02:36:40	2264 Sabrina	27.5	16.32	3.19	168	3.1	34°53'04" 48°50'41"	217	3.8	UCAC2 24853798	13.19	15 ^h 18 ^m 46.636 ^s -18°22'39.303"	21.7	182	105.8	-17.8	147.3	-16.2	64.3	204	
2015/02/27 02:39:06	27231 1999 JM57	10.0	18.62	7.35	45	1.9	35°51'27" 50°20'29"	317	1.7	TYC 617800273	11.27	15 ^h 15 ^m 00.452 ^s -20°23'31.309"	19.6	184	106.1	-17.5	146.6	-16.4	64.2	230	
2015/02/27 16:38:54	27655 1968 OK	6.0	18.32	7.02	90	0.7	36°23'07" 50°51'00"	5	1.2	TYC 20600223	11.31	8 ^h 03 ^m 18.804 ^s 7°13'30.742"	37.1	131	141.0	-14.8	30.3	57.7	69.7	170	
2015/02/27 18:48:40	18146 2000 OU49	5.8	18.21	5.55	182	0.7	38°47'48" 50°21'43"	79	0.7	TYC 30800296	12.66	13 ^h 43 ^m 56.459 ^s 1°28'35.677"	1.0	89	134.0	-34.4	111.3	53.5	70.5	148	
2015/02/27 19:52:59	1176 Lucidor	30.6	16.01	2.82	160	1.7	35°18'14" 48°45'50"	206	4.6	UCAC2 39436868	13.28	4 ^h 33 ^m 26.436 ^s 21°36'26.204"	33.3	264	91.3	-42.2	23.9	46.1	70.9	161	
2015/02/27 20:50:20	16018 1999 CJ67	11.0	16.62	4.24	129	2.5	36°34'26" 51°11'37"	9	1.9	UCAC2 35922610	12.40	7 ^h 39 ^m 53.660 ^s 11°38'34.706"	44.0	225	135.2	-46.8	21.1	38.0	71.4	166	
2015/02/27 21:54:47	3062 Wren	25.0	15.65	3.87	180	3.5	38°02'39" 51°13'21"	44	3.3	UCAC2 40850695	11.81	8 ^h 12 ^m 22.792 ^s 25°41'48.439"	51.4	246	140.5	-48.4	27.3	28.1	71.7	172	
2015/02/28 00:21:59	2088 Sahlia	10.9	16.10	2.93	126	1.1	34°42'50" 49°32'42"	244	2.1	UCAC2 42378970	13.25	5 ^h 44 ^m 34.085 ^s 30°12'55.620"	9.6	306	107.6	-37.4	15.1	5.6	72.6	124	
2015/02/28 15:38:03	2337 Boubin	25.2	16.18	3.03	102	2.3	36°03'45" 49°08'25"	189	4.4	UCAC2 46121199	13.22	5 ^h 45 ^m 02.183 ^s 41°14'04.204"	75.2	120	106.7	-4.7	28.3	47.1	78.0	198	
2015/02/28 22:15:39	26778 1354 T-2	5.0	18.12	7.80	20	0.6	36°27'59" 50°10'53"	41	1.4	TYC 494400394	10.33	12 ^h 25 ^m 53.197 ^s -3°19'27.659"	34.6	158	152.5	-47.6	80.3	31.7	80.2	142	
2015/02/28 23:09:40	6552 Higin-son	6.6	16.98	5.66	149	0.8	34°26'27" 49°26'12"	243	1.0	TYC 88200945	11.33	12 ^h 54 ^m 53.332 ^s 7°37'24.211"	46.7	163	148.0	-44.6	83.5	23.3	80.4	115	

