

## 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 1.1.2  
Author: Plekhanov Andrey andyp@newtech.ru  
Events number: 75

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 1		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2007/09/01 01:46:14	3024 Hainan	35.6	16.86	4.75	145	1.3	37°27'25" 48°59'10"	145	5.7	UCAC2 43422706	12.12	6 <sup>h</sup> 05 <sup>m</sup> 21.368 <sup>s</sup> 33°24'28.292"	51.0	96	67.4	-10.2	63.3	51.5	82.5	182
2007/09/01 17:14:43	225 Henrietta	120.5	12.84	0.95	129	12.0	34°35'57" 49°38'19"	249	2.9	UCAC2 33990591	12.48	19 <sup>h</sup> 24 <sup>m</sup> 31.157 <sup>s</sup> 6°27'12.403"	44.7	158	128.7	-9.2	99.3	-2.6	76.3	36
2007/09/02 21:01:35	735 Marghanna	74.3	14.61	3.58	196	2.5	38°37'20" 49°08'49"	121	0.0	UCAC2 42738273	11.07	6 <sup>h</sup> 36 <sup>m</sup> 30.681 <sup>s</sup> 31°23'03.485"	4.4	44	62.4	-31.9	44.0	26.4	64.0	31
2007/09/03 00:09:48	11548 Jer-rylewis	7.9	17.59	6.11	179	0.7	34°22'36" 49°01'35"	230	0.4	UCAC2 45440144	11.49	0 <sup>h</sup> 26 <sup>m</sup> 51.259 <sup>s</sup> 39°20'54.391"	75.7	228	127.3	-23.1	40.8	54.6	62.6	87
2007/09/03 17:50:19	4837 Bickerton	24.2	16.05	5.49	204	1.7	36°55'07" 48°15'57"	167	2.9	TYC 173502248	10.57	0 <sup>h</sup> 10 <sup>m</sup> 43.650 <sup>s</sup> 28°34'27.806"	30.0	80	138.8	-15.0	52.9	-4.5	54.3	204
2007/09/03 23:16:36	7857 Lagerros	11.5	16.08	5.38	120	1.1	34°46'46" 50°31'36"	296	2.3	TYC 526600144	10.71	0 <sup>h</sup> 04 <sup>m</sup> 55.102 <sup>s</sup> -12°43'37.480"	27.1	188	160.8	-28.5	74.9	40.4	51.6	119
2007/09/03 23:29:09	50980 2000 GE93	6.3	17.96	6.35	100	0.6	36°59'19" 49°16'07"	150	1.1	UCAC2 27397478	11.61	21 <sup>h</sup> 05 <sup>m</sup> 14.154 <sup>s</sup> -12°48'56.442"	11.0	234	153.7	-27.4	113.9	42.3	51.5	198
2007/09/03 23:33:11	50980 2000 GE93	6.3	17.96	5.90	219	0.6	34°15'50" 51°32'36"	319	0.7	TYC 577900851	12.06	21 <sup>h</sup> 05 <sup>m</sup> 14.077 <sup>s</sup> -12°48'57.808"	10.5	235	153.7	-27.1	114.0	43.0	51.5	198
2007/09/04 02:07:35	474 Prudentia	37.6	16.09	5.70	126	1.3	36°06'46" 51°10'21"	354	0.0	TYC 133001001	10.40	6 <sup>h</sup> 46 <sup>m</sup> 33.229 <sup>s</sup> 15°20'50.472"	36.7	112	60.1	-7.8	33.0	63.8	50.3	31
2007/09/04 18:42:59	2262 Mitidika	10.0	15.47	3.18	88	1.4	37°29'51" 49°55'46"	99	2.7	UCAC2 16074972	12.35	19 <sup>h</sup> 53 <sup>m</sup> 54.993 <sup>s</sup> -37°21'13.101"	2.7	182	129.5	-22.0	145.9	-3.7	42.7	108
2007/09/05 00:40:58	10623 1997 YP7	10.5	18.11	5.49	214	0.8	34°32'52" 51°37'38"	325	0.6	UCAC2 39616487	12.63	4 <sup>h</sup> 23 <sup>m</sup> 50.942 <sup>s</sup> 22°02'27.317"	50.6	122	94.2	-20.1	16.7	44.9	39.8	115
2007/09/05 19:53:17	3505 Byrd	15.1	15.58	7.53	14	1.4	36°13'24" 50°09'48"	341	3.0	HIP 115396	8.05	23 <sup>h</sup> 22 <sup>m</sup> 33.023 <sup>s</sup> 7°29'14.104"	40.2	137	164.3	-29.4	99.4	-3.0	31.4	200
2007/09/06 00:18:43	508 Princetonia	142.3	14.13	2.19	306	9.3	39°30'07" 48°16'55"	131	0.0	UCAC2 40471362	12.09	4 <sup>h</sup> 42 <sup>m</sup> 52.832 <sup>s</sup> 24°41'18.194"	47.2	109	90.4	-23.0	24.9	31.8	29.5	33
2007/09/06 18:23:10	51291 2000 KK29	10.5	17.42	6.40	55	3.3	36°00'54" 50°30'53"	340	2.5	TYC 282401140	11.03	1 <sup>h</sup> 56 <sup>m</sup> 27.756 <sup>s</sup> 42°26'40.752"	30.3	59	116.7	-20.4	65.6	-13.5	22.5	160
2007/09/06 22:40:07	7182 Robinvaughan	12.6	17.28	7.17	51	2.4	36°40'44" 49°39'50"	147	2.8	TYC 513600732	10.11	19 <sup>h</sup> 03 <sup>m</sup> 40.908 <sup>s</sup> -4°31'26.525"	5.4	256	121.1	-31.9	157.9	7.6	20.7	173
2007/09/07 02:32:52	26731 2001 HE14	5.0	17.36	7.60	45	0.7	35°48'17" 50°18'37"	310	1.6	TYC 64600424	9.76	2 <sup>h</sup> 46 <sup>m</sup> 33.066 <sup>s</sup> 12°30'26.960"	49.7	209	120.9	-4.7	69.2	42.0	19.4	113
2007/09/07 21:28:16	26443 2000 AT50	6.0	18.37	7.74	217	0.9	34°08'46" 48°41'02"	225	0.3	TYC 470100270	10.63	2 <sup>h</sup> 30 <sup>m</sup> 58.834 <sup>s</sup> -3°03'04.783"	20.4	122	128.3	-34.1	89.1	-9.5	13.2	113
2007/09/08 16:14:16	19918 1977 PB	8.3	17.11	5.41	105	1.8	35°00'40" 49°35'24"	241	1.9	TYC 631102178	11.71	19 <sup>h</sup> 38 <sup>m</sup> 38.336 <sup>s</sup> -21°20'11.776"	14.7	154	127.3	-2.4	160.1	-8.8	8.1	103
2007/09/09 16:36:02	5875 Kuga	11.5	16.00	3.11	48	4.0	36°47'40" 49°46'01"	131	5.2	UCAC2 39427222	12.95	1 <sup>h</sup> 50 <sup>m</sup> 08.624 <sup>s</sup> 21°54'53.158"	2.5	58	132.3	-6.1	111.2	-10.3	3.5	68
2007/09/09 18:13:47	484 Pittsburchia	31.6	14.71	1.45	66	2.0	35°38'18" 49°37'52"	225	10.9	UCAC2 24885952	13.59	17 <sup>h</sup> 30 <sup>m</sup> 51.817 <sup>s</sup> -18°04'52.045"	15.1	215	96.4	-20.3	116.6	-21.0	3.1	51

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 2		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2007/09/09 18:26:08	37295 2001 BB46	6.3	17.66	6.25	188	0.8	34°59'50" 48°35'15"	210	0.8 1.3	TYC 568100474	11.42	18 <sup>h</sup> 22 <sup>m</sup> 09.631 <sup>s</sup> −9°59'38.960"	26.0	208	108.5	−21.8	127.7	−22.0	3.1	197
2007/09/10 02:06:29	1329 Eliane	27.5	16.40	4.43	11	1.5	36°19'46" 50°08'36"	16	15.7 15.9	UCAC2 35158176	11.99	5 <sup>h</sup> 41 <sup>m</sup> 16.446 <sup>s</sup> 9°41'43.189"	43.4	140	81.9	−9.5	66.1	5.2	2.1	69
2007/09/11 01:42:46	478 Tergeste	79.5	13.64	0.66	201	2.3	35°44'25" 51°49'03"	349	0.0 77.7	UCAC2 36634198	13.83	7 <sup>h</sup> 34 <sup>m</sup> 25.801 <sup>s</sup> 13°59'21.062"	28.7	103	55.1	−13.3	49.9	−9.0	0.2	33
2007/09/11 19:17:33	6361 1978 VL11	12.0	15.73	3.03	64	1.1	36°43'31" 49°33'03"	150	4.6 7.1	UCAC2 25228271	12.77	22 <sup>h</sup> 46 <sup>m</sup> 32.385 <sup>s</sup> −17°46'51.550"	18.6	154	164.6	−28.4	161.3	−29.7	0.1	67
2007/09/11 22:34:57	713 Luscinia	105.5	13.38	3.89	48	13.1	36°33'01" 49°38'57"	157	52.3 74.0	TYC 519300551	9.53	21 <sup>h</sup> 12 <sup>m</sup> 16.902 <sup>s</sup> −1°20'38.354"	24.7	234	148.3	−33.9	144.7	−37.8	0.2	47
2007/09/12 01:38:37	380 Fiducia	73.2	15.05	4.54	164	2.5	36°53'27" 48°37'52"	165	0.0 82.3	UCAC2 39475440	10.53	7 <sup>h</sup> 16 <sup>m</sup> 32.742 <sup>s</sup> 21°41'24.344"	37.2	101	61.1	−14.1	67.2	−20.1	0.3	27
2007/09/12 02:32:30	1252 Celestia	17.4	16.57	4.09	151	0.5	35°57'18" 48°42'14"	189	1.8 8.0	UCAC2 31848048	12.51	7 <sup>h</sup> 39 <sup>m</sup> 49.563 <sup>s</sup> 0°20'30.486"	24.9	123	54.9	−5.9	60.1	−12.4	0.3	87
2007/09/12 15:53:12	15417 Baby-lon	15.1	18.48	5.78	23	0.5	36°10'33" 49°51'09"	200	4.2 4.3	UCAC2 24854573	12.70	15 <sup>h</sup> 25 <sup>m</sup> 51.114 <sup>s</sup> −18°15'39.592"	15.4	214	64.3	−0.4	51.7	1.1	1.3	141
2007/09/13 01:57:59	2446 Lu-nacharsky	8.7	15.23	3.43	61	1.0	36°19'31" 50°35'47"	3	3.3 4.7	TYC 582200092	11.85	23 <sup>h</sup> 21 <sup>m</sup> 37.451 <sup>s</sup> −7°46'24.993"	8.3	247	176.2	−11.5	160.0	−27.8	2.4	73
2007/09/14 02:31:23	170 Maria	44.3	14.57	3.09	19	1.0	36°28'18" 50°10'30"	43	43.1 50.1	UCAC2 36470401	11.54	9 <sup>h</sup> 31 <sup>m</sup> 01.367 <sup>s</sup> 13°13'55.760"	19.2	92	30.0	−6.6	58.6	−33.3	6.2	33
2007/09/14 02:50:43	49930 1999 XZ176	5.2	18.45	6.93	169	0.6	36°59'42" 48°36'09"	163	0.7 1.5	UCAC2 36764615	11.52	4 <sup>h</sup> 28 <sup>m</sup> 14.379 <sup>s</sup> 14°18'00.671"	54.3	188	103.1	−3.6	130.8	−30.6	6.3	141
2007/09/14 19:22:52	168 Sibylla	148.4	13.43	0.60	252	38.2	34°56'15" 52°08'35"	338	0.0 97.0	UCAC2 38199089	13.76	3 <sup>h</sup> 39 <sup>m</sup> 35.401 <sup>s</sup> 18°10'01.543"	11.0	75	114.6	−30.1	150.6	−27.8	9.9	34
2007/09/15 01:03:58	51218 2000 JC23	6.9	17.84	6.42	44	0.6	36°26'30" 49°40'09"	165	1.2 1.2	TYC 117201297	11.42	23 <sup>h</sup> 30 <sup>m</sup> 37.461 <sup>s</sup> 10°38'36.148"	31.4	247	166.0	−19.8	146.2	−52.5	11.3	228
2007/09/16 21:00:54	3447 Burck-halter	10.0	16.56	3.89	177	0.5	33°53'46" 49°39'12"	256	0.0 7.2	UCAC2 46257029	12.70	5 <sup>h</sup> 10 <sup>m</sup> 10.806 <sup>s</sup> 41°52'55.801"	30.4	60	93.1	−37.2	149.4	−35.7	24.3	55
2007/09/16 21:40:11	83 Beatrix	81.4	13.33	0.76	94	15.8	35°02'58" 50°20'44"	291	0.0 99.4	UCAC2 39433898	13.32	3 <sup>h</sup> 54 <sup>m</sup> 07.912 <sup>s</sup> 21°40'23.629"	34.5	97	112.5	−37.5	170.9	−41.8	24.5	15
2007/09/17 18:07:58	20708 1999 XH1	12.0	17.79	5.92	135	0.6	34°53'13" 50°51'56"	312	2.1 3.1	UCAC2 20910766	11.87	17 <sup>h</sup> 13 <sup>m</sup> 21.089 <sup>s</sup> −26°58'13.687"	2.8	220	85.2	−22.5	16.8	−5.1	31.8	154
2007/09/17 20:44:00	7223 Dolgo-rukij	5.0	15.65	3.80	126	0.8	35°23'10" 51°01'32"	329	0.5 2.9	UCAC2 31612279	11.89	23 <sup>h</sup> 22 <sup>m</sup> 36.644 <sup>s</sup> 0° − 56'19.702"	38.8	171	175.5	−37.1	107.1	−27.6	32.8	68
2007/09/18 00:55:48	21152 1993 MB1	10.0	18.20	5.97	112	0.6	36°07'20" 49°02'59"	186	2.0 4.5	UCAC2 35529610	12.23	5 <sup>h</sup> 56 <sup>m</sup> 36.560 <sup>s</sup> 10°50'37.458"	37.8	123	85.6	−21.8	151.0	−63.4	34.3	88
2007/09/18 17:11:32	10415 Mali Losinj	12.0	17.51	4.92	136	1.6	34°33'01" 49°34'16"	247	2.1 3.3	UCAC2 30426354	12.60	19 <sup>h</sup> 22 <sup>m</sup> 08.264 <sup>s</sup> −4°09'19.527"	36.0	181	114.9	−14.8	43.3	5.0	40.7	146
2007/09/18 23:34:33	558 Carmen	59.3	13.73	2.10	72	9.4	37°12'58" 49°48'38"	112	8.9 65.7	UCAC2 33164619	11.80	2 <sup>h</sup> 32 <sup>m</sup> 30.463 <sup>s</sup> 4°16'42.409"	43.5	165	137.4	−31.7	136.9	−47.4	43.2	31

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 3		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2007/09/19 00:09:59	493 Griseldis	46.4	14.13	1.39	222	4.5	37°11'32'' 51°57'40''	17	0.0 37.0	UCAC2 35323353	13.09	0 <sup>h</sup> 51 <sup>m</sup> 11.575 <sup>s</sup> 10°25'49.276''	46.1	214	159.3	-27.9	118.3	-52.7	43.4	48
2007/09/19 00:38:15	11638 1997 AH	5.0	16.47	4.28	100	0.7	36°59'21'' 49°16'19''	150	1.2 1.7	TYC 526400983	12.21	0 <sup>h</sup> 20 <sup>m</sup> 22.210 <sup>s</sup> −10°39'19.771''	20.8	221	167.3	-24.4	100.8	-56.7	43.6	115
2007/09/19 16:33:21	3395 Jitka	15.1	17.26	4.77	151	0.9	34°51'13'' 51°03'16''	318	2.2 2.8	UCAC2 20452853	12.50	17 <sup>h</sup> 43 <sup>m</sup> 07.694 <sup>s</sup> −27°35'19.379''	11.0	195	90.0	-9.2	0.7	10.3	50.0	217
2007/09/19 23:15:02	1111 Rein-muthia	24.3	14.48	2.58	106	2.5	37°09'37'' 49°16'54''	144	1.6 20.7	TYC 467300341	12.01	0 <sup>h</sup> 49 <sup>m</sup> 32.591 <sup>s</sup> 0°00' − 8.063''	39.2	194	164.4	-33.9	101.3	-36.4	52.8	46
2007/09/19 23:18:46	132957 2002 TW95	5.0	18.55	6.72	238	0.5	34°58'15'' 52°01'05''	337	0.4 0.5	UCAC2 33675113	11.83	21 <sup>h</sup> 37 <sup>m</sup> 21.337 <sup>s</sup> 5°25'54.140''	23.1	250	146.8	-33.5	62.5	-37.0	52.9	386
2007/09/20 00:10:27	66783 1999 TE227	5.2	17.92	7.39	48	0.5	36°18'53'' 49°36'51''	178	1.3 1.4	TYC 173400547	10.53	0 <sup>h</sup> 28 <sup>m</sup> 50.135 <sup>s</sup> 26°51'17.441''	57.5	236	150.0	-28.1	108.2	-45.0	53.2	148
2007/09/20 01:55:55	16442 1989 GM1	5.5	16.21	4.60	190	0.7	36°40'35'' 48°21'22''	172	0.3 2.3	TYC 116800774	11.63	23 <sup>h</sup> 26 <sup>m</sup> 59.860 <sup>s</sup> 13°09'57.207''	21.6	265	164.6	-13.6	88.1	-60.1	54.0	95
2007/09/20 02:05:01	24195 1999 XD36	7.2	18.63	7.53	104	0.5	36°33'36'' 49°07'45''	169	1.7 3.2	TYC 129701175	11.10	5 <sup>h</sup> 34 <sup>m</sup> 07.230 <sup>s</sup> 16°20'58.672''	53.7	151	92.9	-12.2	166.2	-61.2	54.0	91
2007/09/20 16:28:29	72362 2001 BT78	5.2	17.67	5.91	235	0.5	33°16'49'' 50°57'01''	295	0.4 1.3	TYC 274902343	11.76	22 <sup>h</sup> 49 <sup>m</sup> 11.627 <sup>s</sup> 31°16'56.429''	42.5	90	144.5	-8.8	84.0	12.5	59.9	157
2007/09/20 19:09:07	8319 An-tiphanes	5.5	18.92	7.61	221	0.9	34°50'15'' 51°48'30''	332	0.4 1.6	UCAC2 24741160	11.31	21 <sup>h</sup> 23 <sup>m</sup> 14.986 <sup>s</sup> −18°40'08.371''	21.4	182	139.9	-31.1	37.3	4.3	61.0	137
2007/09/21 01:17:42	4904 Makio	10.0	16.13	4.56	129	0.9	36°04'46'' 51°11'58''	353	1.3 5.2	TYC 60000094	11.59	0 <sup>h</sup> 05 <sup>m</sup> 16.917 <sup>s</sup> 13°30'40.132''	33.2	250	165.1	-19.5	84.5	-46.1	63.6	76
2007/09/21 01:47:00	663 Gerlinde	100.9	15.07	3.80	24	6.3	36°10'16'' 49°50'35''	200	63.0 68.4	UCAC2 38215341	11.31	5 <sup>h</sup> 46 <sup>m</sup> 00.769 <sup>s</sup> 18°16'16.159''	53.1	140	90.9	-15.2	160.8	-50.4	63.7	50
2007/09/21 22:22:17	1299 Mertona	17.4	15.90	2.98	237	3.1	34°35'21'' 51°53'31''	329	0.2 8.1	UCAC2 27210965	12.99	21 <sup>h</sup> 04 <sup>m</sup> 06.349 <sup>s</sup> −13°24'56.184''	9.8	235	136.0	-38.2	21.0	-9.8	72.1	85
2007/09/22 01:21:30	1273 Helma	30.5	18.01	6.77	222	1.0	37°14'01'' 48°09'07''	162	1.4 11.2	UCAC2 39841441	11.25	7 <sup>h</sup> 55 <sup>m</sup> 45.530 <sup>s</sup> 22°33'18.650''	35.2	96	62.0	-19.2	178.3	-36.4	73.2	109
2007/09/23 02:30:36	3909 Gladys	12.6	17.68	4.84	58	0.7	36°04'15'' 49°32'51''	195	5.0 6.6	UCAC2 37146975	12.85	6 <sup>h</sup> 19 <sup>m</sup> 22.993 <sup>s</sup> 15°19'52.025''	52.1	149	84.9	-8.9	143.3	-35.9	82.5	76
2007/09/23 19:07:22	29669 1998 XZ3	5.0	18.56	8.07	100	0.6	34°59'48'' 50°24'13''	293	1.2 1.7	TYC 688800881	10.49	19 <sup>h</sup> 24 <sup>m</sup> 53.694 <sup>s</sup> −29°12'59.851''	5.2	209	108.1	-32.0	31.3	23.6	87.9	115
2007/09/23 21:22:20	3649 Guillermina	14.5	17.87	6.78	164	0.6	35°53'16'' 48°35'50''	190	1.6 5.5	UCAC2 38601769	11.09	7 <sup>h</sup> 14 <sup>m</sup> 32.594 <sup>s</sup> 19°02'20.895''	2.7	63	72.8	-40.3	146.5	17.1	88.6	105
2007/09/23 22:45:38	6644 Jugaku	14.5	17.10	5.10	18	1.7	36°27'00'' 49°55'17''	140	7.9 8.1	UCAC2 40644197	12.01	4 <sup>h</sup> 58 <sup>m</sup> 16.149 <sup>s</sup> 25°15'44.729''	41.7	100	104.3	-37.5	114.5	8.3	89.0	71
2007/09/24 02:12:59	296 Phaetusa	9.9	16.58	5.17	244	0.5	35°53'50'' 52°13'34''	353	0.0 8.3	TYC 132601282	11.42	6 <sup>h</sup> 10 <sup>m</sup> 35.592 <sup>s</sup> 21°41'27.008''	57.6	143	88.1	-11.9	128.8	-21.3	90.0	47
2007/09/24 03:20:50	5320 Lisbeth	12.6	16.05	5.11	32	1.4	36°02'15'' 50°16'53''	326	4.8 5.0	TYC 2100938	10.94	1 <sup>h</sup> 26 <sup>m</sup> 27.359 <sup>s</sup> 0°29'18.927''	14.7	253	159.0	-1.1	56.0	-31.6	90.4	100

Longitude = 36.287(36°17'11.5'') Latitude = 50.047(50°02'50.8'')										Sorted by date/time.			Table 1		Page 4		LinOccult 1.1.2			
		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 (%)	$\sigma_{km}$
2007/09/24 15:44:19	15234 1988 BJ5	6.6	18.77	7.33	239	0.6	37°38'06" 48°05'17"	156	0.4	TYC 628502661	11.45	18 <sup>h</sup> 51 <sup>m</sup> 42.554 <sup>s</sup> −17°44'10.703"	22.0	172	101.2	−3.2	49.5	10.5	93.5	141
2007/09/24 21:33:07	3044 Saltykov	21.7	15.65	5.76	250	2.7	38°31'25" 48°20'15"	140	0.5	TYC 113900938	9.89	22 <sup>h</sup> 04 <sup>m</sup> 08.422 <sup>s</sup> 10°45'29.261"	42.9	225	148.3	−40.7	21.4	26.1	94.9	106
2007/09/24 23:33:27	27730 1990 QU9	11.0	17.09	4.68	74	0.9	36°04'02" 49°23'38"	192	2.8	UCAC2 38191116	12.42	1 <sup>h</sup> 14 <sup>m</sup> 04.982 <sup>s</sup> 18°08'49.755"	56.3	205	155.6	−33.8	48.5	13.9	95.3	132
2007/09/25 02:03:14	27669 1979 MQ4	10.5	17.35	5.33	31	1.7	36°16'05" 50°19'16"	358	3.7	TYC 176500367	12.03	2 <sup>h</sup> 22 <sup>m</sup> 09.736 <sup>s</sup> 24°19'47.612"	52.8	240	139.3	−13.7	63.9	−7.4	95.8	110
2007/09/25 17:50:08	25671 2000 AW95	5.8	18.21	6.78	61	0.7	35°58'07" 50°33'29"	338	1.7	TYC 580701362	11.43	22 <sup>h</sup> 25 <sup>m</sup> 55.015 <sup>s</sup> −10°58'25.190"	24.2	149	152.0	−23.0	13.2	26.0	98.3	115
2007/09/25 18:17:41	15410 1997 YZ	12.0	17.49	4.77	227	1.0	33°23'23" 50°54'49"	295	1.2	UCAC2 36037744	12.74	21 <sup>h</sup> 59 <sup>m</sup> 07.015 <sup>s</sup> 11°42'07.315"	50.0	157	146.2	−26.8	24.1	28.9	98.4	183
2007/09/26 20:20:13	1936 Lugano	24.8	15.65	3.53	111	2.0	35°21'29" 50°50'50"	323	5.0	TYC 115201484	12.17	22 <sup>h</sup> 42 <sup>m</sup> 05.401 <sup>s</sup> 7°55'50.472"	47.8	189	156.6	−39.5	22.2	41.8	100.0	85
2007/09/27 17:35:37	24591 2139 T- 3	6.6	17.27	7.25	106	0.6	35°21'46" 50°47'28"	321	1.4	HIP 2639	10.02	0 <sup>h</sup> 33 <sup>m</sup> 28.250 <sup>s</sup> 9°09'11.852"	24.9	106	171.2	−21.6	5.8	21.6	98.7	86
2007/09/27 19:47:19	5561 Iguchi	6.6	16.74	5.94	214	1.0	34°19'56" 51°30'53"	319	0.0	TYC 631700226	10.81	19 <sup>h</sup> 59 <sup>m</sup> 52.965 <sup>s</sup> −17°09'38.730"	14.5	219	114.3	−37.5	79.4	40.5	98.4	66
2007/09/27 20:35:18	5582 1989 CU8	10.5	17.86	5.77	216	0.7	34°02'22" 51°22'12"	313	0.4	UCAC2 40657359	12.10	6 <sup>h</sup> 05 <sup>m</sup> 03.754 <sup>s</sup> 25°14'27.716"	13.1	66	93.1	−40.7	72.3	45.8	98.3	100
2007/09/27 20:38:40	109417 2001 QT191	5.2	18.92	6.99	59	1.9	36°41'20" 49°35'03"	151	0.6	TYC 234401037	11.93	3 <sup>h</sup> 13 <sup>m</sup> 55.821 <sup>s</sup> 32°02'04.592"	45.2	92	128.2	−40.8	37.0	46.1	98.4	321
2007/09/28 18:59:46	1178 Irmela	19.1	16.93	4.27	111	3.2	34°58'37" 50°35'12"	303	3.7	UCAC2 27584374	12.68	21 <sup>h</sup> 26 <sup>m</sup> 48.505 <sup>s</sup> −12°10'07.431"	27.7	187	134.9	−33.1	72.7	31.3	94.1	80
2007/09/29 03:14:07	736 Harvard	16.7	15.95	3.38	86	1.0	36°03'51" 49°17'04"	191	2.1	UCAC2 38406985	12.62	6 <sup>h</sup> 25 <sup>m</sup> 34.386 <sup>s</sup> 18°45'13.030"	58.8	173	89.4	−3.4	58.7	34.4	92.1	43
2007/09/29 16:44:37	35143 1992 UF1	5.2	16.13	4.26	197	1.4	35°29'05" 51°44'39"	343	0.0	UCAC2 35689189	11.89	2 <sup>h</sup> 21 <sup>m</sup> 28.078 <sup>s</sup> 11°02'50.583"	2.2	75	149.2	−14.6	12.2	6.0	88.1	64
2007/09/29 20:44:11	10025 Rauer	10.0	16.28	5.09	224	0.9	37°52'37" 48°19'30"	149	0.2	TYC 101016	11.20	0 <sup>h</sup> 01 <sup>m</sup> 42.418 <sup>s</sup> 1°47'12.684"	41.8	173	174.7	−41.8	47.9	42.6	86.7	91

