

## NICER GO Cycle 2 - Accepted NICER Targets

Prop #	Target			Time req	ObsID	Priority	Background Restrictions		TOO	# Triggers	NuSTAR time approved
	Name	RA (deg)	Dec (deg)				Particle	Optical			
3005	EROSITA AGN EVENT 1	0	0	20 ks	350501vv	A			Y	up to 10	
3005	EROSITA AGN EVENT 2	0	0	20 ks	350502vv	A			Y		
3005	EROSITA AGN EVENT 3	0	0	20 ks	350503vv	A			Y		
3005	EROSITA AGN EVENT 4	0	0	20 ks	350504vv	C			Y		
3005	EROSITA AGN EVENT 5	0	0	20 ks	350505vv	C			Y		
3005	EROSITA AGN EVENT 6	0	0	20 ks	350506vv	C			Y		
3005	EROSITA AGN EVENT 7	0	0	20 ks	350507vv	C			Y		
3005	EROSITA AGN EVENT 8	0	0	20 ks	350508vv	C			Y		
3005	EROSITA AGN EVENT 9	0	0	20 ks	350509vv	C			Y		
3005	EROSITA AGN EVENT 10	0	0	20 ks	350510vv	C			Y		
3006	XSS J12270-4859	186.99475	-48.89522	120 ks	350601vv	A	Y	Y	Y	1 trigger	
3006	PSR J1723-2837	260.84658	-28.63253	120 ks	350602vv	A	Y	Y	Y		
3006	PSR J1628-3205	247.02925	-32.09686	120 ks	350603vv	A	Y	Y	Y		
3006	PSR J2129-0429	322.4375	-4.48489	120 ks	350604vv	A	Y	Y	Y		
3006	PSR J1816+4510	274.14971	45.17608	120 ks	350605vv	A	Y	Y	Y		
3006	PSR J2215+5135	333.88617	51.59347	120 ks	350606vv	A	Y	Y	Y		
3006	PSR J2339-0533	354.91146	-5.55147	120 ks	350607vv	A	Y	Y	Y		
3006	1FGL J0523.5-2529	80.8205	-25.46025	120 ks	350608vv	A	Y	Y	Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3006	PSR J1417-4402	214.3775	-44.04925	120 ks	350609vv	A	Y	Y	Y		
3006	PSR J1048+2339	162.18088	23.66483	120 ks	350610vv	A	Y	Y	Y		
3006	3FGL J0212.1+5320	33.04358	53.36072	120 ks	350611vv	A	Y	Y	Y		
3006	3FGL J0427-6704	66.95671	-67.07639	120 ks	350612vv	A	Y	Y	Y		
3006	3FGL J0744.1-2523	116.03529	-25.39969	120 ks	350613vv	A	Y	Y	Y		
3006	3FGL J2039.6-5618	309.89579	-56.28583	120 ks	350614vv	A	Y	Y	Y		
3015	PSR J1023+0038	155.92804	0.63544	200 ks	351501vv	A	Y	Y			
3017	1ES 1959+65	299.99938	65.14853	120 ks	351701vv	A					
3018	A0620-00	95.685	-0.346	120 ks	351801vv	A			Y	1 trigger	
3018	XTE J1118+480	169.545	48.037	120 ks	351802vv	A			Y		
3018	SWIFT J1753.5-0127	268.368	-1.452	120 ks	351803vv	A			Y		
3018	XTE J1859+226	284.678	22.666	120 ks	351804vv	A			Y		
3018	MAXI J1659-152	254.757	-15.258	120 ks	351805vv	A			Y		
3018	XTE J1817-330	274.43138	-33.01875	120 ks	351806vv	A			Y		
3030	VFXT	0	0	40 ks	353001vv	A			Y	1 trigger	
3036	PSR J0537-6910	84.44775	-69.17219	520 ks	353601vv	A					
3036	PSR J1101-6101	165.43733	-61.02767	300 ks	353602vv	A					
3036	PSR J1412+7922	213.23279	79.36775	48 ks	353603vv	C					
3036	PSR J1849-0001	282.25679	-0.0215	60 ks	353604vv	C					

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3036	PSR J2229+6114	337.272	61.23592	200 ks	353605vv	C					
3041	V1298 TAU	61.33163	20.15711	5 ks	354101vv	A					
3043	88P	0	0	40 ks	354301vv	A					
3043	C2017T2	0	0	40 ks	354302vv	A					
3044	B0540-69	85.04563	-69.33197	2 ks	354401vv	A					
3047	HM CNC	121.59562	15.45861	30 ks	354701vv	A		Y			
3047	V407 VUL	288.60871	24.94572	30 ks	354702vv	B		Y			
3050	1E 1207.4-5209	182.50375	-52.44111	100 ks	355001vv	A					
3053	RXJ0806	121.5975	-41.37525	40 ks	355301vv	A					
3056	MAGNETAR OUTBURST	0	0	100 ks	355601vv	A			Y	1 trigger	
3058	A BLACK HOLE BINARY	0	0	60 ks	355801vv	A			Y	1 trigger	
3061	RX J0648.0-4418	102.01958	-44.31622	50 ks	356101vv	A					
3065	BH TOO	0	0	44 ks	356501vv	A			Y	1 trigger	
3066	OCCULTATION TOO	0	0	70 ks	356601vv	A			Y	3 triggers	
3066	OCCULTATION TOO	0	0	70 ks	356602vv	A			Y		
3066	OCCULTATION TOO	0	0	70 ks	356603vv	A			Y		
3067	CYG X-1	299.59167	35.20167	9 ks	356701vv	A					
3072	GX 339-4	255.70575	-48.78978	60 ks	357201vv	A	Y	Y	Y	1 trigger	
3072	GX 339-4	255.70575	-48.78978	60 ks	357202vv	A	Y	Y	Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3073	ASASSN TDE	0	0	60 ks	357301vv	A			Y	1 trigger	
3075	1RXS J175721.2-30440	269.33871	-30.73469	29 ks	357501vv	A					
3078	CIRCINUS X-1	230.17021	-57.16669	50 ks	357801vv	A					
3080	4U 1812-12	273.77562	-12.09631	160 ks	358001vv	A					
3082	IGR J17091-3624	257.28171	-36.40714	80 ks	358201vv	A			Y	1 trigger	
3082	MXB 1730-335	263.35254	-33.38883	80 ks	358202vv	A			Y		
3082	GRO J1744-28	266.13788	-28.74083	80 ks	358203vv	A			Y		
3082	UNKNOWN	0	0	80 ks	358204vv	A			Y		
3085	MCS TRANSIENT 1	0	0	20 ks	358501vv	A			Y	5 triggers	
3085	MCS TRANSIENT 2	0	0	20 ks	358502vv	A			Y		
3085	MCS TRANSIENT 3	0	0	20 ks	358503vv	A			Y		
3085	MCS TRANSIENT 4	0	0	20 ks	358504vv	A			Y		
3085	MCS TRANSIENT 5	0	0	20 ks	358505vv	A			Y		
3086	4U 1820-30	275.91875	-30.36111	300 ks	358601vv	A					
3088	PSR B1259-63	195.69854	-63.83572	60 ks	358801vv	A					
3089	AR SCORPII	245.447	-22.88622	60 ks	358901vv	A					
3090	RX J0019+2156	4.958	21.94781	45 ks	359001vv	A					
3091	WR140	305.11658	43.85453	26 ks	359101vv	A					
3092	SWIFT J1858.6-0814	284.6455	-8.23739	180 ks	359201vv	A					

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3098	PSR J1846-0258	281.60392	-2.97503	91 ks	359801vv	A					
3098	PSR J1838.0-0655	279.51304	-6.92594	33 ks	359802vv	A					
3099	IC 4329A	207.33029	-30.30944	40 ks	359901vv	A					
3100	BH TRANSIENT DAY 1	0	0	8 ks	360001vv	A			Y	6 triggers	
3100	BH TRANSIENT DAY 2	0	0	8 ks	360002vv	A			Y		
3100	TEST TARGET 1	0	0	2 ks	360003vv	A			Y		
3100	TEST TARGET 2	0	0	2 ks	360004vv	A			Y		
3100	TEST TARGET 3	0	0	2 ks	360005vv	B			Y		
3100	TEST TARGET 4	0	0	2 ks	360006vv	B			Y		
3102	HERCULES X-1	254.45754	35.34236	30 ks	360201vv	A					
3103	UNKNOWN	0	0	120 ks	360301vv	A			Y	1 trigger	
3104	4U 1543-624	236.977	-62.568	10 ks	360401vv	A		Y			30 ks
3104	SLX 1735-269	264.571	-26.994	10 ks	360402vv	A		Y			30 ks
3107	GRS 1915+105	288.79813	10.94578	95 ks	360701vv	A					75 ks
3109	LMC X-3	84.73596	-64.08425	60 ks	360901vv	A	Y				
3112	IGR J17062-6143	256.56788	-61.71128	100 ks	361201vv	A					
3113	GX 339-4	255.70575	-48.78978	5 ks	361301vv	A			Y	9 triggers	
3113	GX 339-4	255.70575	-48.78978	5 ks	361302vv	A			Y		
3113	GX 339-4	255.70575	-48.78978	5 ks	361303vv	A			Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3113	V4641 SGR	274.84013	-25.40717	5 ks	361304vv	A			Y		
3113	V4641 SGR	274.84013	-25.40717	5 ks	361305vv	A			Y		
3113	V4641 SGR	274.84013	-25.40717	5 ks	361306vv	A			Y		
3113	SWIFT J1858.6-0814	284.67325	-8.23747	5 ks	361307vv	A			Y		
3113	SWIFT J1858.6-0814	284.67325	-8.23747	5 ks	361308vv	A			Y		
3113	SWIFT J1858.6-0814	284.67325	-8.23747	5 ks	361309vv	A			Y		
3113	GS 1354-64	209.54042	-64.73494	5 ks	361310vv	A			Y		
3113	GS 1354-64	209.54042	-64.73494	5 ks	361311vv	A			Y		
3113	GS 1354-64	209.54042	-64.73494	5 ks	361312vv	A			Y		
3113	SWIFT J1357.2-0933	209.32017	-9.54411	5 ks	361313vv	A			Y		
3113	SWIFT J1357.2-0933	209.32017	-9.54411	5 ks	361314vv	A			Y		
3113	SWIFT J1357.2-0933	209.32017	-9.54411	5 ks	361315vv	A			Y		
3113	MAXI J1820+070	275.09125	7.18536	5 ks	361316vv	A			Y		
3113	MAXI J1820+070	275.09125	7.18536	5 ks	361317vv	A			Y		
3113	MAXI J1820+070	275.09125	7.18536	5 ks	361318vv	A			Y		
3113	UNKNOWN BH XRB	0	0	5 ks	361319vv	A			Y		
3113	UNKNOWN BH XRB	0	0	5 ks	361320vv	A			Y		
3113	UNKNOWN BH XRB	0	0	5 ks	361321vv	A			Y		
3114	PSR J1024-0719	156.16125	-7.32197	100 ks	361401vv	A	Y	Y			

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3114	PSR B1957+20	299.90313	20.80406	150 ks	361402vv	A	Y	Y			
3114	PSR J0101-6422	15.29625	-64.37506	150 ks	361403vv	A	Y	Y			
3114	PSR J0605+3757	91.325	38.005	100 ks	361404vv	A	Y	Y			
3114	PSR J0711-683	107.97583	-68.51319	100 ks	361405vv	A	Y	Y			
3115	A NEW NOVA	0	0	20 ks	361501vv	A	Y		Y	1 trigger	
3115	RX J0513.9-6951	78.46171	-69.86314	30 ks	361502vv	C	Y		Y	1 trigger	
3116	SWIFT J1749.4 2807	267.38308	-28.13494	120 ks	361601vv	A			Y	1 trigger	
3121	NGC 300 ULX-1	13.77025	-37.69547	30 ks	362101vv	A			Y	1 trigger	
3122	1E 1841-045	280.33058	-4.93644	78 ks	362201vv	A					
3122	SGR 0501+4516	75.27817	45.27608	65 ks	362202vv	A					
3122	1E 1048.1-5937	162.52975	-59.88928	21 ks	362203vv	A					
3122	1E 2259+586	345.28454	58.879	13 ks	362204vv	A					
3122	1RXS J170849.0-40091	257.19529	-40.14789	13 ks	362205vv	A					
3122	4U 0142+61	26.59337	61.75089	10 ks	362206vv	A					
3123	IGR J00291+5934	7.26275	59.57194	150 ks	362301vv	A			Y	1 trigger	
3125	SPIKEY	289.68992	49.63222	24 ks	362501vv	A			Y	1 trigger	
3126	3C 273	187.27792	2.05239	10 ks	362601vv	A					20 ks
3126	3C 279	194.04654	-5.78931	10 ks	362602vv	A					20 ks
3127	EPS LUPI	230.67029	-44.68961	10 ks	362701vv	A	Y				

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3127	EPS LUPI	230.67029	-44.68961	10 ks	362702vv	A	Y				
3130	V803 CEN	200.93558	-41.7415	120 ks	363001vv	A			Y	1 trigger	
3131	MRK 766	184.61046	29.81286	65 ks	363101vv	A					
3134	FO AQR	334.48075	-8.35106	50 ks	363401vv	A					
3134	TV COL	82.35637	-32.81775	40 ks	363402vv	A					
3135	AQL X-1	287.81667	0.58494	5 ks	363502vv	A			Y	4 triggers	
3135	CYG X-2	326.17125	38.32139	5 ks	363503vv	A			Y		
3135	UNKNOWN	0	0	5 ks	363504vv	A			Y		
3137	NGC 7793 P13	359.46208	-32.62406	30 ks	363701vv	A			Y	2 triggers	
3137	NGC 5907 ULX1	228.99417	56.30278	100 ks	363702vv	C			Y	2 triggers	
3137	M82 ULX2	148.96267	69.67931	30 ks	363703vv	A			Y	1 trigger	
3138	SMC X-1	19.27142	-73.44333	25 ks	363801vv	A					
3138	SMC X-1	19.27142	-73.44333	25 ks	363802vv	A					
3138	SMC X-1	19.27142	-73.44333	25 ks	363803vv	A					
3138	SMC X-1	19.27142	-73.44333	25 ks	363804vv	A					
3139	XRAYTDE	0	0	105 ks	363901vv	A		Y	Y	1 trigger	
3142	UNKNOWN	0	0	25 ks	364201vv	A			Y	1 trigger	
3144	TW HYA	165.46646	-34.70492	40 ks	364401vv	A					
3144	BP TAU	64.81608	29.10756	40 ks	364402vv	A					



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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3144	GM AUR	73.79575	30.36642	40 ks	364403vv	A					
3144	RU LUP	239.17629	-37.82094	40 ks	364404vv	A					
3145	NGC 4190 ULX-1	183.43917	36.63194	50 ks	364501vv	A					80 ks
3146	UNKNOWN TDE/CLAGN	0	0	75 ks	364601vv	A			Y	1 trigger	
3148	M30 QLMXB	325.09217	-23.17986	250 ks	364801vv	A	Y	Y			
3149	OAO 1657-415	255.20367	-41.65597	20 ks	364901vv	A					
3150	GRO J0422+32	65.42804	32.90706	8 ks	365001vv	A			Y	1 trigger	
3150	1A 0620-00	95.68521	-0.34556	8 ks	365002vv	A			Y		
3150	GRS 1009-45	153.40204	-45.07569	8 ks	365003vv	A			Y		
3150	GS 1124-684	171.60946	-68.67594	8 ks	365004vv	A			Y		
3150	1A 1524-62	232.071	-61.88281	8 ks	365005vv	A			Y		
3150	4U 1543-475	236.78487	-47.66969	8 ks	365006vv	A			Y		
3150	XTE J1550-564	237.74417	-56.47678	8 ks	365007vv	A			Y		
3150	XTE J1650-500	252.50375	-49.96228	8 ks	365008vv	A			Y		
3150	H 1705-250	257.06037	-25.09169	8 ks	365009vv	A			Y		
3150	GRS 1730-312	264.27092	-31.70264	8 ks	365010vv	A			Y		
3150	KS 1732-273	264.00892	-27.42819	8 ks	365011vv	A			Y		
3150	GRS 1737-31	265.03717	-31.03958	8 ks	365012vv	A			Y		
3150	1A 1742-289	266.39833	-29.02633	8 ks	365013vv	A			Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3150	XTE J1748-288	267.02125	-28.47344	8 ks	365014vv	A			Y		
3150	XTE J1755-324	268.86858	-32.4775	8 ks	365015vv	A			Y		
3150	H 1755-338	269.66662	-33.80686	8 ks	365016vv	A			Y		
3150	GS 2000+251	300.70692	25.23678	8 ks	365018vv	A			Y		
3150	XTE J2012+381	303.15679	38.18336	8 ks	365019vv	A			Y		
3151	ETA CARINAE PHASE 1	161.26475	-59.68447	50 ks	365101vv	A	Y				80 ks
3151	ETA CARINAE PHASE 2	161.26475	-59.68447	13 ks	365102vv	A					
3151	ETA CARINAE PHASE 3	161.26475	-59.68447	41 ks	365103vv	B					
3152	TRANSIENT 1	0	0	40 ks	365201vv	A	Y	Y	Y	2 triggers	
3152	TRANSIENT 2	0	0	40 ks	365202vv	A	Y	Y	Y		
3154	TW HYA	165.46629	-34.70472	40 ks	365401vv	A					
3155	KNOWN MAGNETAR	0	0	50 ks	365501vv	A			Y	1 trigger	110 ks
3155	NEW MAGNETAR	0	0	50 ks	365502vv	A			Y		
3157	AQL X-1	287.81687	0.58494	80 ks	365701vv	A			Y	1 trigger	
3157	4U 1608-52	243.17917	-52.42306	80 ks	365702vv	A			Y		
3157	4U 1735-44	264.74292	-44.45	80 ks	365703vv	A			Y		
3158	FRB 121102	82.99458	33.14794	50 ks	365801vv	A			Y	2 triggers	
3158	REPEATING FRB (TOO)	0	0	50 ks	365802vv	A			Y		
3160	AU MIC	311.28971	-31.34089	60 ks	366001vv	A					

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
3160	DG CVN	202.94425	29.27686	60 ks	366002vv	A					
3160	WOLF 424	188.32233	9.02106	60 ks	366003vv	A					
3160	AP COL	91.21729	-34.55994	60 ks	366004vv	A					
3160	YZ CMI	116.16738	3.55247	60 ks	366005vv	A					
3160	YZ CETI	18.12762	-16.999	60 ks	366006vv	A					
3161	XTE J1810-197	272.46283	-19.73108	144 ks	366101vv	A					
3162	GX 5-1	270.29054	-25.07892	12 ks	366201vv	A					
3163	BH TRANSIENT 1	0	0	10 ks	366301vv	A			Y	2 triggers	
3163	BH TRANSIENT 2	0	0	10 ks	366302vv	A			Y		
3164	BE CET	5.71558	-12.20947	16 ks	366401vv	B	Y	Y			
3164	K1 CETI	49.84038	3.37017	16 ks	366402vv	A					
3164	EPS ERI	53.23296	-9.45831	16 ks	366403vv	A					
3164	58 ERI	71.90121	-16.93447	16 ks	366404vv	B	Y	Y			
3164	V993TAU	66.89946	15.58919	16 ks	366405vv	C	Y	Y			
3164	HD 43162	93.43871	-23.86203	16 ks	366406vv	A					