

Name	Right Ascension	Declination	Flux <sup>1</sup>	Mag. <sup>2</sup>	Identified Counterpart	Type of Source
	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>°</sup> <sup>'</sup> <sup>"</sup>	$\mu$ Jy			
Tycho's SNR	00 25 58.9	+64 12 07	8.08		Tycho's SNR	SNR
4U 0037-10	00 42 09.6	-09 17 13	3.19	15.7	Abell 85	C
4U 0053+60	00 57 24.7	+60 46 44	5.00 - 11.0	1.6V	Gamma Cas	Be Star
SMC X-1	01 17 23.5	-73 22 59	0.50 - 57.0	13.3	Sanduleak 160	HMXB
2S 0114+650	01 18 49.3	+65 21 07	4.00	11.0	LSI + 65 010	HMXB
4U 0115+634	01 19 17.8	+63 48 10	2.00 - 350.0	14.5V	V 635 Cas	HMXB
4U 0316+41	03 20 33.8	+41 33 12	52.1	12.7	Abell 426	C
4U 0352+309	03 56 06.4	+31 04 44	9.00 - 37.0	6.0V	X Per	HMXB
4U 0431-12	04 34 08.1	-13 13 18	2.79	15.3	Abell 496	C
4U 0513-40	05 14 29.3	-40 01 51	6.00	8.1	NGC 1851	LMXB
LMC X-2	05 20 17.6	-71 56 57	9.00 - 44.0	18.0V		BHC
LMC X-4	05 32 50.1	-66 21 46	3.00 - 60.0	14.0	OB star	HMXB
Crab Nebula	05 35 12.9	+22 01 18	1041.7	8.4	Crab Nebula	SNR+P
A 0538-66	05 35 44.5	-66 50 00	0.01 - 180.0	13V	Be star	HMXB
LMC X-3	05 39 00.5	-64 04 42	1.70 - 44.0	16.7V	B3V star	BHC
LMC X-1	05 39 34.0	-69 44 13	3.00 - 25.0	14.5	O7III star	BHC
A 0535+262	05 39 37.5	+26 19 18	3.00 - 2800.0	8.9V	HD 245770	HMXB
4U 0614+091	06 17 45.9	+09 08 20	50.0	11.2	V 1055 Ori	BHC
IC 443	06 18 43.1	+22 33 29	3.78		IC 443	SNR
A 0620-00	06 23 19.8	-00 21 07	0.02 - 50000	16.4V	V 616 Mon	BHC
4U 0726-260	07 29 22.0	-26 07 56	1.20 - 4.70	11.6	LS 437	HMXB
EXO 0748-676	07 48 35.6	-67 46 53	0.10 - 60.0	16.9V	UY Vol	B
Pup A	08 24 30.9	-43 02 11	8.25		Pup A	SNR
Vela SNR	08 34 34.4	-45 47 34	10.01	20.0	Vela SNR	SNR
GRS 0834-430	08 37 15.6	-43 17 26	30.0 - 300.0	20.4		HMXB
Vela X-1	09 02 33.0	-40 36 01	2.00 - 1100.0	6.9	HD 77581	HMXB
3A 1102+385	11 05 05.5	+38 08 48	2.73	13.5*	MRK 421	Q
Cen X-3	11 21 46.0	-60 41 14	10.0 - 312.0	13.3	V 779 Cen	HMXB
4U 1145-619	11 48 33.9	-62 16 15	4.00 - 1000.0	9.3	HD 102567	HMXB
4U 1206+39	12 11 07.3	+39 20 31	4.73	11.2*	NGC 4151	AGN
GX 301-2	12 27 16.4	-62 50 02	9.00 - 1000.0	10.8	Wray 977	HMXB
3C 273	12 29 42.0	+01 59 20	2.96	13.0	3C 273	Q
4U 1228+12	12 31 24.3	+12 19 39	23.9	9.2	M 87	AGN
4U 1246-41	12 49 27.5	-41 22 25	5.24	12.4*	Centaurus Cluster	C
4U 1254-690	12 58 23.2	-69 20 58	25.0	19.1	GR Mus	B
4U 1257+28	13 00 09.1	+27 54 02	16.3	10.7	Coma Cluster	C
GX 304-1	13 02 00.0	-61 39 49	0.30 - 200.0	13.5V	V 850 Cen	HMXB
Cen A	13 26 08.3	-43 04 44	9.24	6.98	QSO 1322-428	Q
Cen X-4	14 59 04.5	-32 03 50	0.10 - 20000	12.8	V 822 Cen	B
SN 1006	15 03 07.4	-41 56 27	2.65	19.9	SN 1006	SNR
Cir X-1	15 21 34.5	-57 12 27	5.00 - 3000.0	21.4	BR Cir	LMXB
4U 1538-522	15 43 15.2	-52 25 19	3.00 - 30.0	14.4	QV Nor	HMXB
4U 1556-605	16 02 00.7	-60 46 20	16.0	18.6V	LU TrA	LMXB
4U 1608-522	16 13 36.1	-52 27 04	1.00 - 110.0	21V	QX Nor	LMXB
Sco X-1	16 20 34.3	-15 40 02	14000.0	12.2	V 818 Sco	LMXB
4U 1627+39	16 29 02.0	+39 31 35	4.22	13.9	Abell 2199	C
4U 1626-673	16 33 26.5	-67 29 06	25.0	18.5	KZ TrA	LMXB
4U 1636-536	16 41 50.7	-53 46 23	220.0	17.5	V 801 Ara	B
GX 340+0	16 46 38.2	-45 37 55	500.0			LMXB
GRO J1655-40	16 54 47.8	-39 51 50	1600.0	14.2V	V 1033 Sco	BHC

SELECTED X-RAY SOURCES, J2011.5

H85

Name	Right Ascension	Declination	Flux <sup>1</sup>	Mag. <sup>2</sup>	Identified Counterpart	Type of Source
	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>°</sup> <sup>'</sup> <sup>''</sup>	<sup>μ</sup> Jy			
Her X-1	16 58 14.7	+35 19 31	15.0 – 50.0	13.0V	HZ Her	LMXB
4U 1704-30	17 02 50.2	-29 57 42	3.45	18.3V	V 2131 Oph	B
GX 339-4	17 03 41.8	-48 48 19	1.50 – 900.0	15.5	V 821 Ara	BHC
4U 1700-377	17 04 43.7	-37 51 34	11.0 – 110.0	6.6	V 884 Sco	HMXB
GX 349+2	17 06 30.9	-36 26 16	825.0	18.6	V 1101 Sco	LMXB
4U 1708-23	17 12 42.8	-23 22 04	33.0	21*		
4U 1722-30	17 28 17.8	-30 48 37	7.56	17	Terzan 2	LMXB
Kepler's SNR	17 31 17.2	-21 29 24	2.95	19	Kepler's SNR	SNR
GX 9+9	17 32 23.9	-16 58 11	300.0	16.8	V 2216 Oph	LMXB
GX 354-0	17 32 42.9	-33 50 25	150.0			B
GX 1+4	17 32 44.6	-24 45 11	100.0	19.0	V 2116 Oph	LMXB
Rapid Burster	17 34 09.0	-33 23 52	0.10 – 200.0	17.5	Liller 1	B
4U 1735-444	17 39 48.6	-44 27 21	160.0	17.5	V 926 Sco	LMXB
1E 1740.7-2942	17 44 46.8	-29 43 40	4.00 – 30.0			BHC
GX 3+1	17 48 39.5	-26 34 02	400.0		V 3893 Sgr	B
4U 1746-37	17 50 59.7	-37 03 18	32.0	8.4*	NGC 6441	LMXB
4U 1755-338	17 59 25.9	-33 48 26	100.0	18.5	V 4134 Sgr	BHC
GX 5-1	18 01 50.5	-25 04 53	1250.0			LMXB
GX 9+1	18 02 12.2	-20 31 37	700.0			LMXB
GX 13+1	18 15 10.4	-17 09 13	350.0			LMXB
GX 17+2	18 16 40.6	-14 01 56	700.0	17.5	NP Ser	LMXB
4U 1820-30	18 24 24.8	-30 21 18	250.0	8.6*	NGC 6624	LMXB
4U 1822-37	18 26 33.8	-37 05 53	10.0 – 25.0	15.9V	V 691 CrA	B
Ser X-1	18 40 31.6	+05 02 51	225.0	19.2*	MM Ser	B
4U 1850-08	18 53 42.7	-08 41 30	7.00	8.9	NGC 6712	LMXB
Aql X-1	19 11 50.8	+00 36 25	0.10 – 1300.0	14.8	V 1333 Aql	LMXB
SS 433	19 12 23.7	+05 00 09	1.11	14.2	SS 433	BHC
GRS 1915+105	19 15 44.3	+10 58 00	300.0		V 1487 Aql	BHC
4U 1916-053	19 19 24.7	-05 12 52	25.0	21V	V 1405 Aql	B
Cyg X-1	19 58 47.6	+35 14 00	235.0 – 1320.0	8.9	V 1357 Cyg	BHC
4U 1957+11	19 59 56.6	+11 44 25	30.0	18.7V	V 1408 Aql	LMXB
Cyg X-3	20 32 51.0	+40 59 42	90.0 – 430.0		V 1521 Cyg	BHC
4U 2127+119	21 30 31.6	+12 13 06	6.00	15.8V	M 15	LMXB
4U 2129+47	21 31 51.5	+47 20 28	9.00	16.9	V1727 Cyg	B
SS Cyg	21 43 10.0	+43 38 21	2.27	12.1V	SS Cyg	T
Cyg X-2	21 45 09.8	+38 22 29	450.0	14.7	V 1341 Cyg	LMXB
Cas A	23 23 52.8	+58 52 32	58.7	19.6	Cassiopeia A	SNR

Notes to Table

- <sup>1</sup> (2–10) keV flux  
<sup>2</sup> “\*” indicates *B* magnitude, otherwise *V* magnitude  
“V” indicates variable magnitude

AGN	active galactic nuclei	LMXB	low mass X-ray binary
B	X-ray burster	P	pulsar
BHC	black hole candidate	Q	quasar
C	cluster of galaxies	SNR	supernova remnant
HMXB	high mass X-ray binary	T	transient (nova-like optically)