

## SELECTED X-RAY SOURCES, J2008.5

H75

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 48.7	+64 11 08	8.08		Tycho's SNR	SNR
4U 0037-10	00 42 00.5	-09 18 13	3.19	15.7	Abell 85	C
4U 0053+60	00 57 13.7	+60 45 45	5.00 - 11.0	1.6V	Gamma Cas	Be Star
SMC X-1	01 17 18.7	-73 23 55	0.50 - 57.0	13.3	Sanduleak 160	HMXB
2S 0114+650	01 18 37.1	+65 20 10	4.00	11.0	LSI + 65 010	HMXB
4U 0115+634	01 19 05.8	+63 47 13	2.00 - 350.0	14.5V	V 635 Cas	HMXB
4U 0316+41	03 20 21.8	+41 32 33	52.1	12.7	Abell 426	C
4U 0352+309	03 55 55.1	+31 04 13	9.00 - 37.0	6.0V	X Per	HMXB
4U 0431-12	04 33 59.8	-13 13 40	2.79	15.3	Abell 496	C
4U 0513-40	05 14 23.4	-40 02 03	6.00	8.1	NGC 1851	LMXB
LMC X-2	05 20 20.5	-71 57 08	9.00 - 44.0	18.0V		BHC
LMC X-4	05 32 49.9	-66 21 53	3.00 - 60.0	14.0	OB star	HMXB
Crab Nebula	05 35 02.0	+22 01 11	1041.7	8.4	Crab Nebula	SNR+P
A 0538-66	05 35 44.6	-66 50 07	0.01 - 180.0	13V	Be star	HMXB
LMC X-3	05 38 59.5	-64 04 48	1.70 - 44.0	16.7V	B3V star	BHC
A 0535+262	05 39 26.3	+26 19 12	3.00 - 2800.0	8.9V	HD 245770	HMXB
LMC X-1	05 39 35.6	-69 44 19	3.00 - 25.0	14.5	O7III star	BHC
4U 0614+091	06 17 36.0	+09 08 24	50.0	11.2	V 1055 Ori	BHC
IC 443	06 18 32.2	+22 33 34	3.78		IC 443	SNR
A 0620-00	06 23 10.6	-00 21 01	0.02 - 50000	16.4V	V 616 Mon	BHC
4U 0726-260	07 29 14.6	-26 07 33	1.20 - 4.70	11.6	LS 437	HMXB
EXO 0748-676	07 48 35.1	-67 46 25	0.10 - 60.0	16.9V	UY Vol	B
Pup A	08 24 24.7	-43 01 35	8.25		Pup A	SNR
Vela SNR	08 34 28.4	-45 46 56	10.01	20.0	Vela SNR	SNR
GRS 0834-430	08 37 09.3	-43 16 47	30.0 - 300.0	20.4		HMXB
Vela X-1	09 02 26.2	-40 35 18	2.00 - 1100.0	6.9	HD 77581	HMXB
3A 1102+385	11 04 55.5	+38 09 46	2.73	13.5*	MRK 421	Q
Cen X-3	11 21 37.9	-60 40 15	10.0 - 312.0	13.3	V 779 Cen	HMXB
4U 1145-619	11 48 25.0	-62 15 15	4.00 - 1000.0	9.3	HD 102567	HMXB
4U 1206+39	12 10 58.3	+39 21 31	4.73	11.2*	NGC 4151	AGN
GX 301-2	12 27 06.3	-62 49 02	9.00 - 1000.0	10.8	Wray 977	HMXB
3C 273	12 29 32.8	+02 00 20	2.96	13.0	3C 273	Q
4U 1228+12	12 31 15.2	+12 20 39	23.9	9.2	M 87	AGN
4U 1246-41	12 49 17.6	-41 21 26	5.24	12.4*	Centaurus Cluster	C
4U 1254-690	12 58 11.3	-69 20 00	25.0	19.1	GR Mus	B
4U 1257+28	13 00 00.4	+27 55 00	16.3	10.7	Coma Cluster	C
GX 304-1	13 01 48.8	-61 38 51	0.30 - 200.0	13.5V	V 850 Cen	HMXB
Cen A	13 25 57.7	-43 03 48	9.24	6.98	QSO 1322-428	Q
Cen X-4	14 58 53.5	-32 03 08	0.10 - 20000	12.8	V 822 Cen	B
SN 1006	15 02 55.6	-41 55 46	2.65	19.9	SN 1006	SNR
Cir X-1	15 21 20.5	-57 11 48	5.00 - 3000.0	21.4	BR Cir	LMXB
4U 1538-522	15 43 01.7	-52 24 46	3.00 - 30.0	14.4	QV Nor	HMXB
4U 1556-605	16 01 45.3	-60 45 50	16.0	18.6V	LU TrA	LMXB
4U 1608-522	16 13 22.2	-52 26 37	1.00 - 110.0	21V	QX Nor	LMXB
Sco X-1	16 20 24.1	-15 39 37	14000.0	12.2	V 818 Sco	LMXB
4U 1627+39	16 28 55.8	+39 31 59	4.22	13.9	Abell 2199	C
4U 1626-673	16 33 08.3	-67 28 44	25.0	18.5	KZ TrA	LMXB
4U 1636-536	16 41 36.3	-53 46 02	220.0	17.5	V 801 Ara	B
GX 340+0	16 46 25.1	-45 37 36	500.0			LMXB
GRO J1655-40	16 54 35.4	-39 51 33	1600.0	14.2V	V 1033 Sco	BHC

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Her X-1	<sup>h m s</sup> 16 58 08.2	<sup>° ' "</sup> +35 19 47	<sup>μJy</sup> 15.0 – 50.0	13.0V	HZ Her	LMXB
4U 1704-30	17 02 38.8	-29 57 27	3.45	18.3V	V 2131 Oph	B
GX 339-4	17 03 28.2	-48 48 05	1.50 – 900.0	15.5	V 821 Ara	BHC
4U 1700-377	17 04 31.5	-37 51 20	11.0 – 110.0	6.6	V 884 Sco	HMXB
GX 349+2	17 06 18.8	-36 26 02	825.0	18.6	V 1101 Sco	LMXB
4U 1708-23	17 12 31.8	-23 21 52	33.0	21*		
4U 1722-30	17 28 06.2	-30 48 29	7.56	17	Terzan 2	LMXB
Kepler's SNR	17 31 06.4	-21 29 17	2.95	19	Kepler's SNR	SNR
GX 9+9	17 32 13.5	-16 58 03	300.0	16.8	V 2216 Oph	LMXB
GX 354-0	17 32 31.0	-33 50 18	150.0			B
GX 1+4	17 32 33.5	-24 45 04	100.0	19.0	V 2116 Oph	LMXB
Rapid Burster	17 33 57.1	-33 23 45	0.10 – 200.0	17.5	Liller 1	B
4U 1735-444	17 39 35.5	-44 27 16	160.0	17.5	V 926 Sco	LMXB
1E 1740.7-2942	17 44 35.3	-29 43 36	4.00 – 30.0			BHC
GX 3+1	17 48 28.3	-26 33 59	400.0		V 3893 Sgr	B
4U 1746-37	17 50 47.4	-37 03 15	32.0	8.4*	NGC 6441	LMXB
4U 1755-338	17 59 14.0	-33 48 26	100.0	18.5	V 4134 Sgr	BHC
GX 5-1	18 01 39.4	-25 04 53	1250.0			LMXB
GX 9+1	18 02 01.5	-20 31 38	700.0			LMXB
GX 13+1	18 15 00.0	-17 09 17	350.0			LMXB
GX 17+2	18 16 30.4	-14 02 00	700.0	17.5	NP Ser	LMXB
4U 1820-30	18 24 13.2	-30 21 24	250.0	8.6*	NGC 6624	LMXB
4U 1822-37	18 26 21.5	-37 05 59	10.0 – 25.0	15.9V	V 691 CrA	B
Ser X-1	18 40 22.7	+05 02 40	225.0	19.2*	MM Ser	B
4U 1850-08	18 53 32.9	-08 41 44	7.00	8.9	NGC 6712	LMXB
Aql X-1	19 11 41.6	+00 36 06	0.10 – 1300.0	14.8	V 1333 Aql	LMXB
SS 433	19 12 14.8	+04 59 50	1.11	14.2	SS 433	BHC
GRS 1915+105	19 15 35.8	+10 57 41	300.0		V 1487 Aql	BHC
4U 1916-053	19 19 15.1	-05 13 12	25.0	21V	V 1405 Aql	B
Cyg X-1	19 58 40.8	+35 13 30	235.0 – 1320.0	8.9	V 1357 Cyg	BHC
4U 1957+11	19 59 48.1	+11 43 55	30.0	18.7V	V 1408 Aql	LMXB
Cyg X-3	20 32 44.5	+40 59 05	90.0 – 430.0		V 1521 Cyg	BHC
4U 2127+119	21 30 22.9	+12 12 18	6.00	15.8V	M 15	LMXB
4U 2129+47	21 31 44.9	+47 19 40	9.00	16.9	V1727 Cyg	B
SS Cyg	21 43 02.9	+43 37 31	2.27	12.1V	SS Cyg	T
Cyg X-2	21 45 02.3	+38 21 39	450.0	14.7	V 1341 Cyg	LMXB
Cas A	23 23 44.6	+58 51 33	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  
B X-ray burster  
BHC black hole candidate  
C cluster of galaxies  
HMXB high mass X-ray binary

LMXB low mass X-ray binary  
P pulsar  
Q quasar  
SNR supernova remnant  
T transient (nova-like optically)