

SELECTED X-RAY SOURCES, J2009.5

H75

Name	Right Ascension	Declination	Flux ¹	Mag. ²	Identified Counterpart	Type of Source
	^h ^m ^s	[°] ['] ["]	μ Jy			
Tycho's SNR	00 25 52.1	+64 11 28	8.08		Tycho's SNR	SNR
4U 0037-10	00 42 03.5	-09 17 53	3.19	15.7	Abell 85	C
4U 0053+60	00 57 17.4	+60 46 05	5.00 - 11.0	1.6V	Gamma Cas	Be Star
SMC X-1	01 17 20.3	-73 23 36	0.50 - 57.0	13.3	Sanduleak 160	HMXB
2S 0114+650	01 18 41.2	+65 20 29	4.00	11.0	LSI + 65 010	HMXB
4U 0115+634	01 19 09.8	+63 47 32	2.00 - 350.0	14.5V	V 635 Cas	HMXB
4U 0316+41	03 20 25.8	+41 32 46	52.1	12.7	Abell 426	C
4U 0352+309	03 55 58.8	+31 04 23	9.00 - 37.0	6.0V	X Per	HMXB
4U 0431-12	04 34 02.6	-13 13 33	2.79	15.3	Abell 496	C
4U 0513-40	05 14 25.4	-40 01 59	6.00	8.1	NGC 1851	LMXB
LMC X-2	05 20 19.6	-71 57 04	9.00 - 44.0	18.0V		BHC
LMC X-4	05 32 50.0	-66 21 51	3.00 - 60.0	14.0	OB star	HMXB
Crab Nebula	05 35 05.6	+22 01 13	1041.7	8.4	Crab Nebula	SNR+P
A 0538-66	05 35 44.6	-66 50 05	0.01 - 180.0	13V	Be star	HMXB
LMC X-3	05 38 59.9	-64 04 46	1.70 - 44.0	16.7V	B3V star	BHC
A 0535+262	05 39 30.0	+26 19 14	3.00 - 2800.0	8.9V	HD 245770	HMXB
LMC X-1	05 39 35.0	-69 44 17	3.00 - 25.0	14.5	O7III star	BHC
4U 0614+091	06 17 39.3	+09 08 23	50.0	11.2	V 1055 Ori	BHC
IC 443	06 18 35.9	+22 33 33	3.78		IC 443	SNR
A 0620-00	06 23 13.7	-00 21 03	0.02 - 50000	16.4V	V 616 Mon	BHC
4U 0726-260	07 29 17.0	-26 07 41	1.20 - 4.70	11.6	LS 437	HMXB
EXO 0748-676	07 48 35.3	-67 46 35	0.10 - 60.0	16.9V	UY Vol	B
Pup A	08 24 26.8	-43 01 47	8.25		Pup A	SNR
Vela SNR	08 34 30.4	-45 47 09	10.01	20.0	Vela SNR	SNR
GRS 0834-430	08 37 11.4	-43 17 00	30.0 - 300.0	20.4		HMXB
Vela X-1	09 02 28.5	-40 35 33	2.00 - 1100.0	6.9	HD 77581	HMXB
3A 1102+385	11 04 58.9	+38 09 27	2.73	13.5*	MRK 421	Q
Cen X-3	11 21 40.6	-60 40 35	10.0 - 312.0	13.3	V 779 Cen	HMXB
4U 1145-619	11 48 28.0	-62 15 35	4.00 - 1000.0	9.3	HD 102567	HMXB
4U 1206+39	12 11 01.3	+39 21 11	4.73	11.2*	NGC 4151	AGN
GX 301-2	12 27 09.7	-62 49 22	9.00 - 1000.0	10.8	Wray 977	HMXB
3C 273	12 29 35.8	+02 00 00	2.96	13.0	3C 273	Q
4U 1228+12	12 31 18.3	+12 20 19	23.9	9.2	M 87	AGN
4U 1246-41	12 49 20.9	-41 21 45	5.24	12.4*	Centaurus Cluster	C
4U 1254-690	12 58 15.3	-69 20 19	25.0	19.1	GR Mus	B
4U 1257+28	13 00 03.3	+27 54 40	16.3	10.7	Coma Cluster	C
GX 304-1	13 01 52.5	-61 39 10	0.30 - 200.0	13.5V	V 850 Cen	HMXB
Cen A	13 26 01.2	-43 04 06	9.24	6.98	QSO 1322-428	Q
Cen X-4	14 58 57.2	-32 03 22	0.10 - 20000	12.8	V 822 Cen	B
SN 1006	15 02 59.6	-41 56 00	2.65	19.9	SN 1006	SNR
Cir X-1	15 21 25.2	-57 12 01	5.00 - 3000.0	21.4	BR Cir	LMXB
4U 1538-522	15 43 06.2	-52 24 57	3.00 - 30.0	14.4	QV Nor	HMXB
4U 1556-605	16 01 50.4	-60 46 00	16.0	18.6V	LU TrA	LMXB
4U 1608-522	16 13 26.8	-52 26 46	1.00 - 110.0	21V	QX Nor	LMXB
Sco X-1	16 20 27.5	-15 39 45	14000.0	12.2	V 818 Sco	LMXB
4U 1627+39	16 28 57.9	+39 31 51	4.22	13.9	Abell 2199	C
4U 1626-673	16 33 14.4	-67 28 51	25.0	18.5	KZ TrA	LMXB
4U 1636-536	16 41 41.1	-53 46 09	220.0	17.5	V 801 Ara	B
GX 340+0	16 46 29.4	-45 37 42	500.0			LMXB
GRO J1655-40	16 54 39.6	-39 51 39	1600.0	14.2V	V 1033 Sco	BHC

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Her X-1	^h 16 ^m 58 ^s 10.4	[°] +35 ['] 19 ["] 42	^μ Jy 15.0 – 50.0	13.0V	HZ Her	LMXB
4U 1704-30	17 02 42.6	-29 57 32	3.45	18.3V	V 2131 Oph	B
GX 339-4	17 03 32.7	-48 48 10	1.50 – 900.0	15.5	V 821 Ara	BHC
4U 1700-377	17 04 35.6	-37 51 25	11.0 – 110.0	6.6	V 884 Sco	HMXB
GX 349+2	17 06 22.8	-36 26 07	825.0	18.6	V 1101 Sco	LMXB
4U 1708-23	17 12 35.5	-23 21 56	33.0	21*		
4U 1722-30	17 28 10.0	-30 48 32	7.56	17	Terzan 2	LMXB
Kepler's SNR	17 31 10.0	-21 29 19	2.95	19	Kepler's SNR	SNR
GX 9+9	17 32 17.0	-16 58 06	300.0	16.8	V 2216 Oph	LMXB
GX 354-0	17 32 35.0	-33 50 21	150.0			B
GX 1+4	17 32 37.2	-24 45 07	100.0	19.0	V 2116 Oph	LMXB
Rapid Burster	17 34 01.1	-33 23 47	0.10 – 200.0	17.5	Liller 1	B
4U 1735-444	17 39 39.9	-44 27 18	160.0	17.5	V 926 Sco	LMXB
1E 1740.7-2942	17 44 39.1	-29 43 38	4.00 – 30.0			BHC
GX 3+1	17 48 32.0	-26 34 00	400.0		V 3893 Sgr	B
4U 1746-37	17 50 51.5	-37 03 16	32.0	8.4*	NGC 6441	LMXB
4U 1755-338	17 59 17.9	-33 48 26	100.0	18.5	V 4134 Sgr	BHC
GX 5-1	18 01 43.1	-25 04 53	1250.0			LMXB
GX 9+1	18 02 05.1	-20 31 38	700.0			LMXB
GX 13+1	18 15 03.4	-17 09 16	350.0			LMXB
GX 17+2	18 16 33.8	-14 01 58	700.0	17.5	NP Ser	LMXB
4U 1820-30	18 24 17.1	-30 21 22	250.0	8.6*	NGC 6624	LMXB
4U 1822-37	18 26 25.6	-37 05 57	10.0 – 25.0	15.9V	V 691 CrA	B
Ser X-1	18 40 25.7	+05 02 44	225.0	19.2*	MM Ser	B
4U 1850-08	18 53 36.2	-08 41 39	7.00	8.9	NGC 6712	LMXB
Aql X-1	19 11 44.7	+00 36 12	0.10 – 1300.0	14.8	V 1333 Aql	LMXB
SS 433	19 12 17.7	+04 59 57	1.11	14.2	SS 433	BHC
GRS 1915+105	19 15 38.6	+10 57 47	300.0		V 1487 Aql	BHC
4U 1916-053	19 19 18.3	-05 13 05	25.0	21V	V 1405 Aql	B
Cyg X-1	19 58 43.1	+35 13 40	235.0 – 1320.0	8.9	V 1357 Cyg	BHC
4U 1957+11	19 59 50.9	+11 44 05	30.0	18.7V	V 1408 Aql	LMXB
Cyg X-3	20 32 46.7	+40 59 18	90.0 – 430.0		V 1521 Cyg	BHC
4U 2127+119	21 30 25.8	+12 12 34	6.00	15.8V	M 15	LMXB
4U 2129+47	21 31 47.1	+47 19 56	9.00	16.9	V1727 Cyg	B
SS Cyg	21 43 05.3	+43 37 47	2.27	12.1V	SS Cyg	T
Cyg X-2	21 45 04.8	+38 21 55	450.0	14.7	V 1341 Cyg	LMXB
Cas A	23 23 47.3	+58 51 53	58.7	19.6	Cassiopeia A	SNR

Notes to Table

- ¹ (2–10) keV flux
² “*” 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)