C A T A C L Y S M I C B I N A R I E S
in order of decreasing orbital period

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Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V1017 Sgr N Sgr 1919	18 32 04.3 -29 23 13 1	Nb DN	13.7 17.3	7.2		5.714000		1	G5/3					137.136000
MR Vel J0925-4758	09 25 46.3 -47 58 17 1	SS	17 17.3			3.800000		1						91.200000
GK Per N Per 1901	03 31 11.8 +43 54 17 1	Na DN IP	10.2 14	0.2		1.996803	351.34	2	K2-3/4	3.6 0.5	<73	0.9 0.2	0.25	47.923272
U Sco N Sco 1987	16 22 30.7 -17 52 42 1	Nr	17.9 19.5	8.8		1.230563 0.053130		1 2	F6-G0/5					29.533512
WY CMa	07 11 43 -26 58 58	?	14.5 15.4			1.144330								27.463920
CAL 83 LHG 83	05 43 34.2 -68 22 22 1	SS	16.2 18.3			1.047520								25.140480
J0513-6951	05 13 50.8 -69 51 47 1	SS	16 17.5			0.762780		1						18.306720
V394 CrA N CrA 1987	18 00 26.0 -39 00 35 1	Nr	17.8 18.8	7.2		0.757700								18.184800
QR And J0019+2156	00 19 50.0 +21 56 54 1	SS	11.5 13			0.660457		1						15.850968
CI Aql	18 52 03.4	N?	15.4	11		0.618355		1						14.840520

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N Aql 1917	-01 28 39		16.2											
BV Cen	13 31 19.6	DN UG	12.6	10.5	150	0.610108			G5-8/5	0.92	62	0.83	0.9	14.642592
	-54 58 34 1		13.3					2		0.06	5	0.1	0.1	
V841 Oph	16 59 30.3	Nb	13.5	4.2		0.604230								14.501520
N Oph 1848	-12 53 27 1		13.8					1						
DI Lac	22 35 48.5	Na	14.3	4.6		0.543773								13.050552
N Lac 1910	+52 43 00 1		14.6					1						
V Sge	20 20 14.8	NL	12.2	10.5	550	0.514197	QPO	2	F6-G0/5	0.27	90	0.74	2.8	12.340728
	+21 06 08 1		14.5					2	WN5:					
V442 Cen	11 24 51.9	DN UG	16.5	11.9	14-39	0.460000	QPO							11.040000
	-35 54 37 1													
QU Car	11 05 42.8	NL	11.1			0.454000					<60			10.896000
	-68 37 58 1		11.5					1						
CAL 87	05 46 45.1	SS	19			0.442677		1						10.624248
LHG 87	-71 08 54 C		21.8											
DX And	23 29 46.7	DN UG	16.5	10.9		0.440502			K0/5	1.5	45		<0.8	10.572048
	+43 45 05 1							2		0.2	12			
UY Pup	07 46 31.2	DN ZC	15.8	13.5		0.423000								10.152000
	-12 57 09 1							1						
KO Vel	10 15 58.4	NL IP	16.7			0.422000	4086:00:00							10.128000
	-47 58 11 2		19				5330:00:00	1						
0928+5004	09 32 15.0	NL	15			0.418300								10.039200
	+49 50 53 1													
WX Cen	13 12 52.5	NL?	13.4			0.417000								10.008000
	-63 23 45 1		14.2					2						

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RZ Gru	22 47 12.2	NL UX	12.3			0.417000								10.008000
	-42 44 39 1		13.4					1						
V1062 Tau	05 02 27.4	NL IP	15.1B			0.415000	3726							9.960000
	+24 45 21 2		16.1B				3794							
AE Aqr	20 40 09.1	NL DQ	10.7	9.8		0.411656	33.08		K4/5	1.59	58	0.79	0.5	9.879744
	-00 52 16 1		11.8					2		0.03	6	0.16	0.1	
SY Cnc	09 01 03.4	DN ZC	13.5	11.1	22-51	0.380000	QPO		G8-9/5	0.81	26	0.89	1.1	9.120000
PG 0858+181	+17 53 56 1		14.5	12.2				1		0.25	6	0.28	0.05	
RU Peg	22 14 02.5	DN UG	12.6	9	75-85	0.374600	QPO		K2-3/5	1.29	33	1.21	0.94	8.990400
	+12 42 11 1		13.1					2		0.2	5	0.19	0.04	
QZ Aur	05 28 34.0	Na	17	6.:		0.357496		1	K0/5:	1	75	1.05	1.05	8.579904
N Aur 1964	+33 18 22 1		18.3					1		0.2	1	0.23	0.05	
V368 Aql	19 26 34.4	Na	16.2	6.6		0.345200		1						8.284800
N Aql 1936	+07 36 14 1		17.8											
CH UMa	10 07 00.7	DN UG	15.3	10.7	204	0.343000			K4-M0/5	2.05	21	1.95	0.96	8.232000
PG 1003+678	+67 32 47 1							2		0.29	4	0.3	0.01	
MU Cen	12 12 53.9	DN UG	14.9	11.8		0.342000				1.2	>45	1.2	0.99	8.208000
	-44 28 17 1							1		0.23		0.2	0.03	
BT Mon	06 43 48.2	Na	15.4	4.5?		0.333814		1	K5-7					8.011536
N Mon 1939	-02 01 14 1		18.1					1						
V1309 Ori	05 15 41.4	NL AM	16			0.332613		1	M0-1/5					7.982712
J0515+0104	+01 04 40 1		17.5					1						
V363 Aur	05 33 33.4	NL UX	14.2			0.321242		1	K0/5	1.12	70	0.86	0.77	7.709808
Lanning 10	+36 59 32 1		15					2		0.04	2	0.08	0.04	

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
TT Crt	11 34 47.3 -11 45 31 1	DN	15.9 16.3	12.7		0.304280		1 2	K5-M0/5	1.25	58:00:00	0.8		7.302720
AC Cnc	08 44 27.2 +12 52 32 1	NL UX	13.8 15.4			0.300478		1 2	G8-K2/5	0.81 0.05	72 3	0.82 0.13	1.02 0.14	7.211472
V838 Her N Her 1991	18 46 31.5 +12 14 01 1	Na	19.2 19.7	5.4		0.297635		1 1		1.18 0.18	84 6	0.87 0.12	0.74 0.01	7.143240
EM Cyg	19 38 40.0 +30 30 27 1	DN ZC	13.3 14.4	12.5 12.9	13-46	0.290909	QPO	1 2	K5/5	0.75 0.09	63 10	0.57 0.08	0.76 0.08	6.981816
Z Cam	08 25 13.2 +73 06 40 1	DN ZC	13.6 14.8	10.5 11.7	01/12/30	0.289841	QPO	2	K7/5	1.41 0.2	57 11	0.99 0.15	0.7 0.03	6.956184
V426 Oph	18 07 51.8 +05 51 48 1	DN ZC	11.5 13.4		17-55	0.285300		2	K2-4/5	1.29 0.1	59 6	0.9 0.19	0.7 0.14	6.847200
SS Cyg	21 42 42.5 +43 35 10 1	DN UG	11.4 12.1	8.2	24-63	0.275130	QPO	2	K4/5	1.69 0.06	37 5	1.19 0.02	0.7 0	6.603120
EI UMa PG 0834+488	08 38 22.1 +48 38 01 1	DN UG	14.8			0.268100		1						6.434400
U Leo N Leo 1855	10 24 03.8 +14 00 25 1	N?	17.3	10.5		0.267400								6.417600
TZ Per	02 13 50.8 +58 22 53 1	DN ZC	14.7 15.6	12.3 13.3	01/10/20	0.260500		1						6.252000
AH Her PG 1642+253	16 44 09.8 +25 15 01 1	DN ZC	13.9 14.7	11.3 12.:	01/07/27	0.258116	QPO	2	K2-M0/5	1.25 0.08	46 3	0.95 0.1	0.76 0.08	6.194784
V1425 Aql N Aql 1995	19 05 26.6 -01 42 03 1	N NL? IP?	>21B	8.1		0.255800	5188.7:							6.139200
XY Ari	02 56 08.8	NL IP	>23			0.252697	206.3	1		1.85	83.5			6.064728

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1H 0253+193	+19 26 35									0.45	3.5			
TW Pic	05 34 50.8	NL IP	14.1			0.252500	7560:00:00							6.060000
H 0534-581	-58 01 42 1		15.9				7186:00:00	1						
RU LMi	10 02 07.4	DN UG	17.8	13.8		0.251000								6.024000
CBS 119	+33 51 02 1		19.5											
V751 Cyg	20 52 12.6	NL VY	13.2	16.:		0.250000								6.000000
	+44 19 26 1		14.5					1						
0021-7221	00 24 06.2	NL IP?	21			0.250000								6.000000
V2 in 47 Tuc	-72 04 57 1													
RW Sex	10 19 56.6	NL UX	10.4			0.245070	QPO			1.35	34	0.8:	0.6:	5.881680
BD -7 3007	-08 41 56 1		10.8					2		0.1	6			
AT Cnc	08 28 37.0	DN ZC	15.0B	12.7B	14	0.238691			K7-M0/5					5.728584
Ton 323	+25 20 02 1		16.2B											
TX Col	05 43 20.3	NL IP	15.7			0.238300	1911		M0/5		25:00:00	1.3:	0.57:	5.719200
1H 0542-407	-41 01 56 1						2106	1						
DO Leo	10 40 51.3	NL	16.5			0.234515		1						5.628360
PG 1038+155	+15 11 33 1		17											
V347 Pup	06 10 33.6	NL DQ?	13.4			0.231936		1		2.2	87	1.2	0.55	5.566464
LB 1800	-48 44 27 2		15.8					1		0.2	3	0.1		
RW Tri	02 25 36.2	NL UX	12.6			0.231883		1		0.7	70.5	0.45	0.63	5.565192
	+28 05 51 1		15.6					1		0.2	2.5	0.15	0.1	
V794 Aql	20 17 34.2	NL VY	13.7	20.2B		0.230000				1.7	39	0.88	0.53	5.520000
	-03 39 50 1		16.5					1		0.6	17	0.39	0.07	
AF Cam	03 32 15.5	DN UG	17	13.4	75	0.230000								5.520000
	+58 47 22 1		17.3											

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TV Col	05 29 25.5	NL IP	13.6			0.228599	1911	1	K1-5/5		70	0.75	0.56	5.486376
2A 0526-328	-32 49 05 2		14.1			0.216036	339900	1			3	0.15		
V705 Cas	23 41 47.2	Na	18.B	6.5		0.228000								5.472000
N Cas 1993	+57 31 01 1													
BV Pup	07 49 05.3	DN UG	15.6	13.1	19	0.225000								5.400000
	-23 34 02 1		15.9											
V709 Cas	00 28 48.9	NL IP	14.1			0.225000	312.8							5.400000
J0028+5917	+59 17 22 3		14.6											
CZ Ori	06 16 43.2	DN UG	16.6	11.2	22-62	0.218900			M1-4/5					5.253600
	+15 24 11 1		17					1						
EY Cyg	19 54 40.7	DN UG	15.5	11.4	96	0.218500			K5-M0/5					5.244000
	+32 21 55 1													
AY Psc	01 36 55.5	NL UX	15.3			0.217321		1						5.215704
PG 0134+070	+07 16 29 1		17											
V3885 Sgr	19 47 40.5	NL UX	9.6			0.216300	QPO			1.0:	<50	0.8:	0.7:	5.191200
CD -42 14462	-42 00 26 1		10.3					1				0.2	0.1	
PQ Gem	07 51 17.3	NL IP	14.1			0.215800	833.4							5.179200
	+14 44 23 1		14.5				872.3							
AR Cnc	09 22 07.5	DN UG	18.7	15.3		0.214600		1	M4-6/5					5.150400
	+31 03 15 1		>21.2											
HL CMa	06 45 17.0	DN ZC	13.2	11.7	17	0.214500					45:00:00	1.0:	0.45	5.148000
	-16 51 35 2		14.5					1					0.1	
HR Del	20 42 20.3	Nb	11.9	3.3		0.214165				1.2	40	0.67	0.55	5.139960
N Del 1967	+19 09 39 1		13			0.177500		1		0.1	2	0.08	0.03	

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PW Vul N Vul 1984 I	19 26 05.0 +27 21 58 1	Na	17.: 	6.4 	 	0.213700 	 	 	 	 	 	 	 	5.128800
J1910-5958#1	19 10 51.3 -59 58 53 1	GC	20.6 	 	 	0.213000 	 	 	 	 	 	 	 	5.112000
EX Dra 1804+6753	18 04 14.1 +67 54 12 1	DN UG	14.5 15	 	70 	0.209937 	 	2 2	M1-2/5 	1.34 0.03	85.8 0.6	0.78 0.02	0.59 0.02	5.038488
RX And	01 04 35.5 +41 17 58 1	DN ZC	12.6 14.9	10.9 11.8	01/05/23 	0.209893 	QPO 	 1	 	2.4 0.7	51 9	1.14 0.33	0.48 0.03	5.037432
V533 Her N Her 1963	18 14 20.4 +41 51 21 1	Na CP	14.3 16	3 	 	0.209800 	63.633T 	 	 	 	 	 	 	5.035200
V825 Her PG 1717+413	17 18 37.1 +41 15 50 1	NL	14.1 14.4	 	 	0.206000 	 	 1	 	 	 	 	 	4.944000
T Aur N Aur 1891	05 31 59.1 +30 26 45 1	Nb	14.9 15.1	4.1 	 	0.204378 	 	1 1	 	 	57:00:00 	0.68: 	0.63: 	4.905072
FO Aqr H 2215-086	22 17 55.5 -08 21 05 1	NL IP	13 14	 	 	0.202060 	1254.45 1351.57	1 1	 	 	70 5	 	 	4.849440
HX Peg PG 2337+123	23 40 23.8 +12 37 41 1	DN	12.9 16.6	 	 	0.200800 	 	 2	K/6 	 	 	 	 	4.819200
V3 in 47 Tuc	00 23 -72 04	 	 	 	 	0.200000 	 	 	 	 	 	 	 	4.800000
V895 Cen J1429-3804	14 29 27.2 -38 04 10 1	NL AM	16.5 	17.2 17.5	 	0.198553 	 	1 	 	 	80 5	 	 	4.765272
V345 Pav EC 1931-5915	19 35 42.8 -59 08 22 1	NL UX	13.4 14.2	 	 	0.198096 	 	1 1	 	 	 	 	 	4.754304
UX UMa	13 36 41.1	NL UX	12.7			0.196671	QPO	1	M0/5	1	71	0.47	0.47	4.720104

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	+51 54 49 1		14.1					1		0.1	0.6	0.07	0.1	
V617 Sgr	18 07 52 -35 10 39	NL?	13.6 15.7			0.195100								4.682400
CT Ser N Ser 1948	15 45 39.1 +14 22 32 1	N	16.3 16.6	7.9		0.195000		 1						4.680000
IX Vel CPD -48 1577	08 15 19.1 -49 13 21 1	NL UX	9.1 10			0.193929	QPO	 2		1.54 0.1	60 5	0.82 0.14	0.53 0.09	4.654296
DQ Her N Her 1934	18 07 30.2 +45 51 32 1	Na DQ	14.2 17.7	1.4		0.193621	142.13	1 2	M3/5	1.61 0.13	86.5 1.6	0.6 0.07	0.4 0.05	4.646904
J0203+2959	02 03 48 +29 59	NL AM	17			0.191300								4.591200
SS Aur	06 13 22.4 +47 44 26 1	DN UG	14.5 14.8	10.5	40-75	0.182800		 2	M1/5	2.8 1	38 16	1.08 0.4	0.39 0.02	4.387200
TW Vir PG 1142-041	11 45 21.2 -04 26 07 1	DN UG	15.8 16.3	12.1	15-44	0.182670		 1	M2-4/5	2.3 0.6	43 13	0.91 0.25	0.4 0.02	4.384080
BD Pav	18 43 12.0 -57 30 45 1	DN UG	15.4 >16.5	12.4		0.179301		2 2	K0-4/5	1.58 0.07	71 0.1	1.15 0.07	0.73 0.06	4.303224
J1313-32	13 13 -32	NL AM	16			0.177000								4.248000
U Gem	07 55 05.3 +22 00 06 1	DN UG	14 15.2	9.1	118	0.176906	QPO	1 2	M4.5/5	2.17 0.14	69.7 0.7	1.26 0.12	0.57 0.07	4.245744
ES Dra PG 1524+622	15 25 32.0 +62 00 59 1	DN?	15.4			0.176600								4.238400
CW Mon	06 36 54.6 +00 02 15 1	DN UG	16.3	11.9	122	0.176200		1 2	M3/5					4.228800

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WW Cet	00 11 24.7 -11 28 44 1	DN	13 15.7	11	01/11/43	0.175800		 2		2.1	54 4	0.85 0.11	0.41 0.01	4.219200
UZ Ser	18 11 24.8 -14 55 33 1	DN UG	15.5 16	11.9	19-44	0.173000								4.152000
V405 Aur J0558+5353	05 58 00.3 +53 53 58 1	NL IP	14.6			0.173000	545.46	 1						4.152000
V849 Oph N Oph 1919	18 14 07.2 +11 36 43 1	Nb	17.9 19.1	7.2		0.172755		1						4.146120
0035-7230	00 37 19.8 -72 14 14 1	SS	20 20.4			0.171926								4.126224
DO Aql N Aql 1925	19 31 25.8 -06 25 39 1	Nc	17.9 18.4	8.7		0.167762		1						4.026288
VY Scl PS 141	23 29 00.5 -29 46 47 1	NL VY	12.9 13.3	18.5		0.166200	QPO 	 1						3.988800
CQ Dra BC 4 Dra BC	12 30 07.1 +69 12 07 1					0.165600								3.974400
DO Dra PG 1140+719	11 43 38.5 +71 41 19 1	NL IP	15.6B 16.7B	10.6B		0.165374	529.31 274.87	 2	M3-5/5	2.2 0.2	45 4	0.83 0.1	0.38 0.01	3.968976
AM Cas	02 26 23.4 +71 18 32 1	DN ZC	15.2	12.3	8	0.165000		 1						3.960000
V1193 Ori	05 16 26.7 -00 12 15 1	NL UX	14.1			0.165000		 1						3.960000
V1776 Cyg Lanning 90	20 23 30.6 +46 31 29 1	NL UX SW	16.7 17.6			0.164739		1 1			75	0.6	0.37	3.953736

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X Leo	09 51 01.6	DN UG	15.8	12.4	01/08/38	0.164400	QPO		M2/5					3.945600
	+11 52 30 1		16.5					1						
UU Aqr	22 09 05.8	NL UX	13.5			0.163580		1	K7-M0/5	3.3	78	0.67	0.2	3.925920
S 196	-03 46 19 1		15.5					1		1	2	0.14	0.07	
CN Ori	05 52 07.7	DN UG	14.2	11.9	01/08/26	0.163199	QPO		M4/5	1.51	67	0.74	0.49	3.916776
	-05 25 00 1		16.3	12.8		0.163190		2		0.09	3	0.1	0.08	
AR And	01 45 03.3	DN UG	16.9	11	25	0.163000								3.912000
	+37 56 34 1		17.6					1						
KR Aur	06 15 44.0	NL VY	11.3	16.9		0.162800	QPO			1.7	38	0.59	0.35	3.907200
	+28 35 08 1		14.5	>18B				1		0.5	10	0.17	0.02	
KT Per	01 37 08.6	DN ZC	15.4	10.6	26	0.162700								3.904800
	+50 57 21 1		16.1	12.3				1						
CM Del	20 24 56.8	NL UX	13.4			0.162000				1.3	73:00:00	0.48	0.36	3.888000
	+17 17 57 1		15.3					1		0.4	47:00:00	0.15	0.03	
V380 Oph	17 50 13.7	NL	14.5			0.160000				1.6	42	0.58	0.36	3.840000
	+06 05 28 1		>16.1					1		0.5	13	0.19	0.04	
V4077 Sgr	18 34 39.4	Nb	22	8		0.160000								3.840000
N Sgr 1982	-26 26 03 1													
VY For	03 32 04.6	NL AM	19.2	17.5		0.158600			M4.5/5					3.806400
0329-2607	-25 56 57 1													
LX Ser	15 38 00.2	NL VY	14.5	17		0.158432	QPO	1		1.14	90	0.41	0.36	3.802368
	+18 52 02 1	SW	16.5					1		0.25		0.09	0.02	
IP Peg	23 23 08.7	DN UG	14	10.5	95	0.158206		2	M4.5/5	1.7	68	1.15	0.67	3.796944
	+18 24 59 1		17.8					2		0.12		0.1	0.08	
SV CMi	07 31 08.5	DN ZC	16.3	13	16	0.156000								3.744000

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
	+05 58 47 1													
BH Lyn	08 22 36.0	NL VY	14.5	17.2		0.155875		1						3.741000
PG 0818+513	+51 05 25 1	SW	16.4					1						
OY Ara	16 40 50.3	Na	18.6	6		0.155466		1						3.731184
N Ara 1910	-52 25 51 1							1						
GS Pav	20 08 07.5	DN UG:	16.8	15	14	0.155290		1						3.726960
	-69 49 00 1													
PY Per	02 50 00.2	DN ZC	19.8	13.8		0.154800								3.715200
	+37 39 22 1							1						
QQ Vul	20 05 42.0	NL AM	14.5			0.154520			M2-4/5		60			3.708480
1E 2003+225	+22 39 58		15.5					1			14			
J1910-5958#2	19 10 51.2	GC	20.9			0.154000								3.696000
	-59 58 49 1													
BZ Cam	06 29 34.1	NL VY	12.5B			0.153693								3.688632
0623+71	+71 04 36 1		14.0B			0.15000:		1						
WY Sge	19 32 43.8	N DN?	19.0B	5.4:		0.153635		1						3.687240
N Sge 1783	+17 44 55 1		21.0B					1						
BP Lyn	09 03 09.0	NL UX	14.5			0.152812		1						3.667488
PG 0859+415	+41 17 47 1	SW						1						
AB Dra	19 49 06.5	DN ZC	14.5	12.3	01/08/22	0.152000								3.648000
	+77 44 23 1		15.8					1						
LS Peg	21 51 58.0	NL DQ?	13			0.150000								3.600000
S 193	+14 06 53 1						990:00:00							
AO Psc	22 55 18.1	NL IP	13.3			0.149626	805.2							3.591024
H 2252-035	-03 10 41 1		15				858.69	1						

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V425 Cas	23 03 46.5	NL VY	14.5			0.149600				2.8	25	0.86	0.31	3.590400
	+53 17 15 1		18					1		1	9	0.32	0.02	
PX And	00 30 05.9	NL SW	15			0.146353		1						3.512472
PG 0027+260	+26 17 30 1		17					1						
J2316-05	23 16 -5	NL AM	17.5			0.145100								3.482400
RR Pic	06 35 36.1	Nb	12	1.2:		0.145025	QPO	1			65:00:00	0.95:	0.4:	3.480600
N Pic 1925	-62 38 24 1		12.5					1						
VZ Scl	23 50 09.2	NL VY	15.6	>18.		0.144622		1		0.7:	90:00:00	01:00:00	0.4:	3.470928
	-26 22 53 1		18.1					1						
1000+6643	10 04 34.6	NL VY	14.6			0.144000								3.456000
PG 1000+667	+66 29 14 2		15.6					1						
J1007-20	10 07 -20	NL AM	18.3			0.144400		1						3.465600
V1101 Aql	20 13 04.1	DN?	14.3			0.144200								3.460800
	+15 35 46 1		14.7											
UU Col	05 12 13.1	NL IP	17.6			0.144000	863.5							3.456000
J0512-3241	-32 41 39 2													
J1712-2414	17 12 35.9	NL IP	14.2			0.142000	927.6							3.408000
	-24 14 41 1		14.6				1003							
MN Hya	09 29 07.1	NL AM	17			0.141200		1						3.388800
J0929-2404	-24 05 05 1													
V849 Her	16 35 45.8		15			0.140900								3.381600
PG 1633+115	+11 24 56 1													

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V442 Oph	17 32 15.2	NL VY	12.6	14		0.140600				1.1	67:00:00	0.34	0.31	3.374400
	-16 15 23 1			15.5				1		0.3	27	0.1	0.02	
UU Aql	19 57 18.6	DN UG	16	11	71	0.140490			M2-4/5					3.371760
	-09 19 20 1		17					1						
J0439-6809	04 39 49.7	SS	21.6			0.140300								3.367200
	-68 09 02 1													
V1223 Sgr	18 55 02.3	NL IP	12.3			0.140244	746				21	0.5	0.4	3.365856
	-31 09 49 1		>16.8				794.38	1			6	0.1		
V1432 Aql	19 40 11.5	NL AM	14.9			0.140235		1	M4/5					3.365640
J1940-1025	-10 25 26 1	AS	18			0.140626		1						
V909 Sgr	18 25 52.3	Na	20	6.8		0.140000		1						3.360000
N Sgr 1941	-35 01 27 1													
BY Cam	05 42 49.0	NL AM	14.6	17.5		0.139790	11846.4							3.354960
H 0538+608	+60 51 31 1	AS				0.138434	627264	1						
V1315 Aql	19 13 54.6	NL UX	14.4			0.139690		1		2.9	82	0.73	0.3	3.352560
KPD 1911+121	+12 18 02 1	SW	16.3					1		1.1	4	0.3	0.01	
V1500 Cyg	21 11 36.5	Na NL	17.2	2.2		0.139613						>0.9		3.350712
N Cyg 1975	+48 09 02 1	AM AS	18.6			0.137171		1						
WX Ari	02 47 36.3	NL UX	15.3			0.139340								3.344160
PG 0244+104	+10 35 38 1	SW	15.8					1						
V1668 Cyg	21 42 35.3	Na	19.9B	6.7		0.138400		1						3.321600
N Cyg 1978	+44 01 55 1		21.:B											
V603 Aql	18 48 54.5	Na SH	11.4	-1.1		0.138100	11590			2.3	17	0.66	0.29	3.314400
N Aql 1918	+00 35 03 1		11.9			0.146460		1		0.9	7	0.27	0.02	
1933+5100	19 34 36.6	NL	17.3			0.138000								3.312000

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
1H 1929+509	+51 07 37 1													
TT Ari	02 06 53.0	NL VY	9.5	14.5		0.137551	QPO							3.301224
	+15 17 42 1	SH?	12.3	16.5		0.132626		1						
DW UMa	10 33 53.1	NL UX	14.9	18		0.136606		1			80:00:00	0.9:	0.29:	3.278544
PG 1030+590	+58 46 54 1	SW	16.4					1						
HL Aqr	22 20 27.0	NL UX	13.5			0.135600	QPO							3.254400
PHL 227	+02 00 53 1							1						
SW Sex	10 15 09.4	NL UX	14.8B			0.134938		1			79	0.58	0.33	3.238512
PG 1012-029	-03 08 35 1	SW	16.7B					1			1	0.2	0.06	
BG CMi	07 31 29.0	NL IP	14.3			0.134749	847.03				33	0.8	0.38	3.233976
3A 0729+103	+09 56 22 1		15.4				913.51	1			13	0.2		
MV Lyr	19 07 16.4	NL VY	12.1	17.7		0.132900	QPO		M5/5				0.17:	3.189600
	+44 01 07 1	SH?	14.1	18.B		0.137700		1						
AM Her	18 16 13.4	NL AM	12	15		0.128927	QPO		M4.5/5	2.4:	60:00:00	0.39:	0.26:	3.094248
	+49 52 03 1		13.5	15.5				1		0.4				
DN Gem	06 54 54.4	Na	15.8	3.5		0.127850								3.068400
N Gem 1912	+32 08 28 1													
BX Pup	07 54 15.5	DN ZC	16.8	13.8	18	0.127000								3.048000
	-24 19 36 1													
UZ Boo	14 44 01.3	DN SU?	19.8	11.5	360:00:00	0.125000								3.000000
	+22 00 56 1	WZ?	20.4											
AH Men	06 11 44.5	NL SH	13.2			0.122993								2.951832
H 0616-818	-81 49 25 1		14			0.127210		1						
LQ Peg	21 36 19.2	NL UX	14.7			0.121000								2.904000
PG 2133+115	+11 40 54 1													

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
J0501-03	05 01 -3	NL AM	15			0.118800								2.851200
V2214 Oph N Oph 1988	17 12 01.6 -29 37 33 1	Na	20.5	8		0.117515								2.820360
TU Men	04 41 40.6 -76 36 46 1	DN SU	18.5 	11.6 12.5	37 194	0.117200 0.126200		 1						2.812800
QU Vul N Vul 1984#2	20 26 45.9 +27 50 43 1	Na	19	5.6		0.111765		 1						2.682360
V349 Pav DR V211b	20 08 55.8 -65 27 43 1	NL AM	18 19.5			0.110900								2.661600
V795 Her PG 1711+336	17 12 56.1 +33 31 21 1	NL SH SW	12.5B 13.2B			0.108265 0.116486		 1						2.598360
V Per N Per 1887	02 01 53.7 +56 44 04 1	N NL	18 18.5	9.2		0.107120		1						2.570880
V348 Pup 1H 0709-360	07 12 32.9 -36 05 40 1	NL DQ?	15.5 17			0.101839		1 1						2.444136
NY Ser PG 1510+234	15 13 02.4 +23 15 07 1	DN SU	15.6			0.100700 0.106400								2.416800
QS Tel J1938-4612	19 38 35.6 -46 12 57 1	NL AM	15.2 15.8	17.4		0.097187		 1	M4.5/5					2.332488
CC Cnc	08 36 19.1 +21 21 06 1	DN UG	17.4 18.8	13.1B		0.094200		 1						2.260800
UW Pic J0531-4624	05 31 35.4 -46 24 08 1	NL AM	16.4 17.2			0.092680			M4.5/5					2.224320

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
GX Cas	00 49 01.5	DN SU	18.5			0.089000								2.136000
	+56 52 44 1			13.3		0.093000								
UZ For	03 35 28.7	NL AM	17	18.2		0.087865		1	M4.5/5			0.44		2.108760
EXO 0333-255	-25 44 23 1			20.5				1				0.15		
V344 Lyr	18 44 39.0	DN SU	>20	14.5	13-19	0.087600								2.102400
	+43 22 27 1			13.8	240:00:00	0.091450								
EU Cnc	08 51 27.	NL AM	20.4			0.087100								2.090400
	+11 46 58		21											
IR Com	12 39 32.0		16.5B	13.5		0.087039		1						2.088936
S 10932 Com	+21 08 06 1		18. B											
DM Dra	15 34 12.3	DN UG	20.7	15.5		0.087000								2.088000
	+59 48 31 1													
HU Aqr	21 07 58.2	NL AM	15.3	17.7		0.086820		1	M3-5/5	<5.6		80	0.95	0.15	2.083680
J2107-0517	-05 17 39 1			20				1				5		0.02	
YZ Cnc	08 10 56.7	DN SU	14.1	11.9	01/06/16	0.086800	QPO				4.5	38	0.82	0.17	2.083200
	+28 08 33 1		15.5	10.5	134	0.092040		1				3	0.08		
DV UMa	09 46 36.7	DN SU?	18.6	15.4		0.085970		2	M4.5/5:						2.063280
US 943	+44 46 45 1		20.6												
TU Crt	11 03 36.5	DN SU?	17.5			0.084400									2.025600
	-21 37 46 1			12.1:											
TY PsA	22 49 39.9	DN SU	16			0.084100	QPO	D							2.018400
PS 74	-27 06 55 1		17	12		0.087650		1							
KK Tel	20 28 38.3	DN UG	19.2	13.5		0.084000									2.016000
	-52 18 45 1		19.6												
EF Peg	21 15 04.2	DN SU	18.5			0.083700					3.8		0.65:	0.17:	2.008800

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
	+14 03 50 1			10.7	254	0.087100								
J1724+41	17 24 41	NL AM				0.083300								1.999200
HV Aur	04 53 16.8 +38 16 37 1	DN SU	>19.	15		0.082300 0.085500								1.975200
V1974 Cyg N Cyg 1992	20 30 31.7 +52 37 51 1	Na SH	15.4	4.4		0.081259 0.084977								1.950216
AR UMa	11 15 44.9 +42 58 23 1	NL AM	13.3 14	16.5		0.080520			M5-7/5					1.932480
WW Hor EXO 0234-523	02 36 11.6 -52 19 14 1	NL AM	17.6 18.1	19.5 21.6		0.080199		1 1	M6/5:					1.924776
AN UMa PG 1101+453	11 04 25.8 +45 03 14 1	NL AM	14.5	16 18.9B		0.079753	QPO	 1						1.914072
EK UMa 1E 1048+542	10 51 35.2 +54 04 36 1	NL AM		18 20		0.079480					56 18			1.907520
BR Lup	15 35 53.1 -40 34 05 1	DN SU	>17.5	 13.1		0.079300 0.082200								1.903200
ST LMi CW 1103+254	11 05 39.8 +25 06 28 1	NL AM	15 17.2			0.079089		 1	M5-6/5	4.5 1	56 4	0.76 0.3	0.17 0.07	1.898136
RW UMi N UMi 1956	16 47 54.8 +77 02 12 1	Nb	18.8 21	6		0.079000								1.896000
BL Hyi H 0139-68	01 41 00.4 -67 53 29 1	NL AM	14.3 16.4	16.9 17.4		0.078915	QPO	 1	M3-4/5		70 10			1.893960
MR Ser PG 1550+191	15 52 47.3 +18 56 27 1	NL AM	14.9 15.8	17		0.078798		 1	M5-6/5					1.891152

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V884 Her J1802+1804	18 02 06.5 +18 04 43 2	NL AM	15			0.078500		1 1						1.884000
CU Vel	08 58 35.8 -41 47 51 1	DN SU	17	10.7	113 386	0.078500 0.079900		 1		8.7 0.4	59 6	1.23 0.23	0.15 0.03	1.884000
V2301 Oph 1H 1752+081	18 00 35.6 +08 10 12 1	NL AM	16.1 16.7	21		0.078450		1 1	M6/5		80 2	0.9 0.1	0.19	1.882800
BZ Cir 1449-6804	14 54 14.9 -68 16 17 1		18.2			0.078400								1.881600
DH Aql	19 26 11 -10 15 38	DN SU	18.3 18.5			0.077800 0.080500								1.867200
TT Boo	14 57 44.7 +40 43 41 1	DN SU	19.2	12.7	45	0.077000 0.078110								1.848000
HS Vir PG 1341-079	13 43 38.5 -08 14 04 1	DN SU ER	16.6	14.6	8	0.077000 0.080770		 1						1.848000
J2115-5840	21 15 41.0 -58 40 54 1	NL AM	16.2 17.4			0.076910								1.845840
AW Gem	07 22 40.6 +28 30 16 1	DN SU	18.8 19.4	13.8 13.1	98 410	0.076840 0.079430								1.844160
V1113 Cyg	19 22 41.9 +52 43 59 1	DN SU	19.4	 13.3	10:00:00 400:00:00	0.076600 0.079200								1.838400
SU UMa PG 0808+627	08 12 28.2 +62 36 23 1	DN SU	14.2 15	12.2 11.2	01/05/33 160	0.076350 0.079040		 1						1.832400
V630 Cyg	21 34 59.1 +40 40 20 1	DN SU	17.2	14.1 13.8		0.076000 0.079000								1.824000

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V503 Cyg	20 27 17.4	DN SU	17.4	13.4	30	0.075700								1.816800
	+43 41 23 1		17.6		89	0.081010								
CE Gru	21 37 56.5	NL AM	18	20.7B		0.075400								1.809600
Gru V1	-43 42 14 1		18.5											
BE Oct	00 00 49.1	DN SU	19.4			0.075000								1.800000
	-77 18 58 1			15.9		0.077000								
PV Per	02 42 54.7	DN SU	>20.			0.075000								1.800000
	+38 04 08 1			14.9		0.078000								
BK Lyn	09 20 11.3	NL SH	14.1			0.074980								1.799520
PG 0917+342	+33 56 41 1		16.5			0.078570		1						
WX Hyi	02 09 50.8	DN SU	14.7	12.5	14	0.074813				5.5	40	0.9	0.16	1.795512
	-63 18 41 1		14.8	11.4	140	0.077400		1		1.5	10	0.3	0.05	
LY Hya	13 31 53.8	DN	14.4			0.074800								1.795200
1329-2925	-29 40 59 1		18.4					1						
Z Cha	08 07 28.6	DN SU	15.3	12.4	82	0.074499	QPO	2	M5.5/5	6.7	81.8	0.84	0.13	1.787976
	-76 32 02 1		17.2	11.9	287	0.077400		2		0.2	0.1	0.09	0.01	
VW Hyi	04 09 11.3	DN SU	13.4	9.5	27	0.074271	QPO			6	60	0.63	0.11	1.782504
	-71 17 41 1		13.8	8.5	179	0.077140		1		1	10	0.15	0.02	
VZ Pyx	08 59 20.0	DN?SU?	13.5	12.5		0.074000								1.776000
1H 0857-242	-24 28 56 1	IP?	15.8	11			2925:00:00	1						
V1251 Cyg	21 40 52.7	DN SU	19.:			0.073760								1.770240
	+48 39 53 1			12.5		0.076040								
AY Lyr	18 44 26.6	DN SU	18	13.2	19-32	0.073700								1.768800
	+37 59 52 1			12.3	205	0.075970								
HT Cas	01 10 13.2	DN SU	16.4	10.8	400	0.073647	QPO	2	M5-6/5	6.7	81	0.61	0.09	1.767528

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
	+60 04 36 1		18.4			0.076077		1		1.4	1	0.04	0.02	
J1002-19	10 02 -19	NL AM?	17	20.4		0.073600								1.766400
VW Vul	20 57 45.0	DN UG	15.6	13.6	14-23	0.073100				1.7	44	0.24	0.14	1.754400
	+25 30 27 1							1		0.4	12	0.06	0.01	
T Pyx	09 04 41.5	Nr	15.3B	6.5		0.073000								1.752000
	-32 22 47 1		15.6B			0.076200		1						
EP Dra	19 07 06.1	NL AM	17.6			0.072656		1		3.2	80:00:00	0.43	0.13	1.743744
H 1907+690	+69 08 42 1		>21							0.5		0.07		
KV And	2 17 13.8	DN SU	22.5:	14.6	18-55	0.072200								1.732800
	+40 41 31 1			14.1	270:00:00	0.074300								
VW CrB	16 00 03.7	DN SU	>17.5			0.072200								1.732800
	+33 11 15			14		0.074300								
FO And	01 15 32.1	DN SU	17.5	13.5	15-23	0.071610								1.718640
	+37 37 36 1					0.074110		1						
GD 552	22 50 39.8	DN?	16.5			0.071340				14	20:00:00	1.4:	0.1:	1.712160
	+63 28 38 1							1		3				
RZ Leo	11 37 22.3	DN SU	19.2	11.5		0.070800								1.699200
	+01 48 58 1	WZ												
RS Cae	04 53 25.5	NL AM	18.4			0.070800								1.699200
J0453-4213	-42 13 41 2		19.6					1						
J0953+14	09 53 14	NL AM	19			0.070800								1.699200
V834 Cen	14 09 07.6	NL AM	14.2	17		0.070498	QPO		M6.5/5		50	0.66		1.691952
1E 1405-451	-45 17 18 1		16					1			10	0.18		

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
VV Pup	08 15 06.8 -19 03 18 1	NL AM	14.5 16	17.5 18		0.069747	QPO	1	M4/5:	5.5	78 5			1.673928
CF Gru 2138-4518	21 41 23.0 -45 04 31 1	DN UG	19.9 20.2			0.069000								1.656000
V544 Her	16 38 05.3 +08 37 58 1	DN UG	20.:	14.5		0.069000								1.656000
RZ Sge	20 03 18.5 +17 02 53 1	DN SU	16.9 17.4	12.8 12.2	62-93 266	0.068630 0.070420								1.647120
J1957-5738	19 57 11.5 -57 38 22 1	NL AM	18			0.068625		1						1.647000
IR Gem	06 47 34.6 +28 06 23 1	DN SU	16.3 17	11.7 11.2	22-48 150	0.068400 0.070760		1						1.641600
TY Psc	01 25 39.3 +32 23 11 1	DN SU	15.3 16.3	12.2 11.7	01/11/35 370	0.068330 0.070 :		1						1.639920
EX Hya	12 52 24.5 -29 14 58 1	NL IP	13 14.1	10	574	0.068234	4021.62	1 1	M3/5	6 1.3	78 1	0.78 0.17	0.13 0.01	1.637616
BZ UMa PG 0849+580	08 53 44.3 +57 48 40 1	DN SU?	15.2 15.9	10.2	181	0.067990		1	M5-6/5					1.631760
CY UMa	10 56 57.1 +49 41 18 1	DN SU	17 17.8	13.5 12.3	115:00:00 297:00:00	0.067950 0.072100		1						1.630800
SS UMi PG 1551+719	15 51 22.4 +71 45 11 1	DN SU	16.9 17.6	12.6	30-48	0.067780 0.070100		1						1.626720
V701 Tau	03 44 01.9 +21 57 08 1	DN SU	>21.	14.1		0.067000 0.069 :								1.608000

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
AK Cnc	08 55 18.9	DN SU	18.9			0.065930								1.582320
	+11 19 41 1			12.8		0.067490								
GO Com	12 56 37.2	DN SU	20	13.2		0.065800								1.579200
	+26 36 43 1			13.1										
DM Lyr	18 58 44.5	DN SU	18			0.065000								1.560000
	+30 15 33 1			13.6		0.067000								
AQ CMi	07 14 34.8	DN SU	18.3			0.064600								1.550400
	+08 48 05 1			14.4		0.066100								
CT Hya	08 51 07.4	DN SU	19.9			0.063700								1.528800
	+03 08 34 1			14		0.064900								
ER UMa	09 47 11.9	DN SU	15.8	13.4	04/05/10	0.063660								1.527840
PG 0943+521	+51 54 08 1	ER		12.8	43	0.065600		1						
EK TrA	15 14 01.5	DN SU	>17	12.1	231	0.063600								1.526400
	-65 05 31 1			12	487	0.064920								
VY Aqr	21 12 09.1	DN SU	17.1	8.0B		0.063500								1.524000
	-08 49 36 1	WZ	17.5	10.5		0.064500		1						
OY Car	10 06 22.3	DN SU	15.3	12.4	25-50	0.063121		2	M6/5	9.8	83.3	0.69	0.07	1.514904
	-70 14 05 1		17.3	11.4	318	0.064544		1		0.3	0.2	0.01	0	
HO Del	20 36 55.6	DN SU	>17.			0.063000								1.512000
	+14 03 09 1			13.6		0.064000								
BC UMa	11 52 16.0	DN SU	18.6			0.063000								1.512000
	+49 14 41 1													
EU UMa	11 49 55.7	NL AM	16.5B			0.062600								1.502400
RE J1149+28	+28 45 08 1		16.8B											
V347 Pav	18 44 47.8	NL AM	15.2			0.062553					80:00:00			1.501272

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
J1844-7418	-74 18 33 1		17.6											
V436 Cen	11 14 00.2	DN SU	15.3	12.4	32	0.062501	QPO			04:00:00	65:00:00	0.7:	0.17:	1.500024
	-37 40 49 1		15.5	11.3	335	0.063785		1		1	5	0.1		
TV Crv	12 20 24.2	DN SU	19	12.5		0.062500								1.500000
N Crv 1931	-18 27 03 1					0.065000								
SX LMi	10 54 30.5	NL	16.B			0.062500								1.500000
CBS 31	+30 06 09 1													
V2051 Oph	17 08 19.1	DN UG?	15	13		0.062428	QPO	2		3.4	80.5	0.44	0.13	1.498272
	-25 48 31 1		17.5					1		0.6	2	0.05	0.04	
DP Leo	11 17 16.0	NL AM	17.5B	19.5		0.062363		1		6.7	79.6	0.71	0.11	1.496712
1E 1114+182	+17 57 41 1		19.5B	>22										
UV Per	02 10 07.9	DN SU	17.1		360	0.062200								1.492800
	+57 11 19 1		17.9	11.7		0.066410								
V1159 Ori	05 28 59.5	DN SU	13.6	12	4	0.062178								1.492272
	-03 33 53 2	ER	15.1	11.2	48	0.064100		1						
CP Tuc	23 15 19.2	NL AM	17.1			0.061834								1.484016
J2315-5910	-59 10 28 1							1						
CP Pup	08 11 46.0	Na SH?	15	0.2		0.061430								1.474320
N Pup 1942	-35 21 05 1					0.068340		1						
V4140 Sgr	19 58 49.8	DN SU?	17.5	15.5		0.061430		1						1.474320
NSV 12615	-38 56 13 1		19					1						
AQ Eri	05 06 13.1	DN SU	17.7		78	0.060940								1.462560
	-04 08 08 1			12.5		0.062250		1						
J2353-3851	23 53 00.6	DN?	16.5			0.060700								1.456800
	-38 51 45					0.0264 :								

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
V1028 Cyg	20 00 55.8	DN SU	19			0.060410								1.449840
	+56 56 35 1			13		0.061540								
CI UMa	10 18 13.0	DN SU	18.8		34	0.060000								1.440000
	+71 55 44 1			13.8	140	0.062500								
FS Aur	05 47 48.3	DN UG	16.2	14.4		0.059500								1.428000
	+28 35 11 1							1						
GQ Mus	11 52 02.4	Na AM?	17.5	7.2		0.059365								1.424760
N Mus 1983	-67 12 20 1							1						
T Leo	11 38 27.0	DN SU	15.2	11	450	0.058820				1.4	65	0.16	0.11	1.411680
PG 135+036	+03 22 07 1		15.9	10		0.060200		1		0.3	19	0.04	0.01	
RZ LMi	09 51 49.1	DN SU	16.8	15	4	0.058500								1.404000
PG 0948+344	+34 07 24 1	ER		14.2	19	0.059460								
WX Cet	01 17 04.1	DN SU	17.5	9.5	450	0.058290								1.398960
N Cet 1963	-17 56 23 1	WZ	18.5			0.05936:		1						
HV Vir	13 21 03.1	DN SU	19			0.057990								1.391760
N Vir 1929	+01 53 30 1	WZ?		11.5		0.058790								
MM Hya	09 14 14.1	DN SU?	18.7	14.2B		0.057591								1.382184
PG 0911-066	-06 47 46 1		18.9											
EG Cnc	08 43 04.1	DN SU	17.7			0.057300								1.375200
	+27 51 49 1	WZ		11.4		0.058200								
PU Per	02 42 16.2	DN SU	<20.	15.2		0.057000								1.368000
	+35 40 49 1				330:00:00	0.058 :								
SW UMa	08 36 42.7	DN SU	16.5	10.6		0.056815	954			7.1	45	0.71	0.1	1.363560
	+53 28 38 1	DQ?	17	9	459	0.058330		1		2	18	0.22	0.01	

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
WZ Sge	20 07 36.2	DN SU	14.5			0.056688	28.95	1		8.7	75	0.45	0.06	1.360512
	+17 42 15 1	WZ CP	15.5	7.:	11876	0.057140	28.13	1	DAQZ5	1.1	2	0.19	0.02	
AL Com	12 32 25.9	DN SU	20	12.8	325	0.056668								1.360032
	+14 20 46 1	WZ	20.8	11.8	7300:00:00	0.057350								
EF Eri	03 14 13.1	NL AM	13.7	16.5B		0.056266	QPO	D			55			1.350384
2A 0311-227	-22 35 42 1		15.5	17.7B										
CI Gru	21 33 07.0	DN	16.5B			0.056000								1.344000
Hawkins V6	-42 28 54 1		18.5B											
HV And	00 40 55.4	NL	15.2			0.055990								1.343760
	+43 24 58 1		16.8B											
J0153-59	01 53 -59	NL AM	17	15		0.055600								1.334400
FH UMa	10 47 09.9	NL AM	19.4			0.055600								1.334400
J1047+6335	+63 35 13 2													
J1015+0904	10 15 34.7	NL AM	18.8	17		0.055471		D						1.331304
	+09 04 42													
EV UMa	13 07 53.9	NL AM	17	20.5		0.055338								1.328112
RE J1307+53	+53 51 30 1		18	20.8										
LL And	00 41 51.4	DN SU	20			0.055000								1.320000
	+26 37 21 1			13.8		0.057006								
V844 Her	16 25 01.7	DN SU	17.5			0.055000								1.320000
	+39 09 26			12.5		0.056000								
DI UMa	09 12 16.2	DN SU	18	16	5	0.054800								1.315200
	+50 53 54 1	ER		15.2	25	0.055500								
J2022-3954	20 22 37.5	NL AM	18.5			0.054179								1.300296

Object Name Altern.Name	Coordinates (J2000)	Type	Mag1 Mag2	Mag3 Mag4	T1 T2	Orb.Per. 2. Per.	3. Per. 4. Per.	EB SB	Spectr2 Spectr1	M1/M2	Incl	M1	M2	orbital period (hours)
	-39 54 13		19.5											
J0132-6554	01 32 42.0 -65 54 32	NL AM	19.7			0.054049								1.297176
V485 Cen	12 57 23.4 -33 12 07 1	DN SU?	18.2	14	148	0.040995 0.04007:		1						0.983880
GP Com G61-29	13 05 43.4 +18 01 02 1	NL AC	15.7 16			0.032310	QPO	1						0.775440
CP Eri	03 10 32.8 -09 45 06 1	NL AC	19.7	16.5		0.019950								0.478800
V803 Cen AE 1	13 23 44.5 -41 44 30 1	NL AC	13.2 16.8			0.018650								0.447600
CR Boo PG 1346+082	13 48 55.3 +07 57 35 1	NL AC SH?	13 17.5			0.017029 0.017278								0.408696
HP Lib EC 1533-1403	15 35 52.9 -14 13 12 1	NL AC	13.7			0.012950								0.310800
AM CVn HZ 29	12 34 54.4 +37 37 43 1	NL AC SH	14.1 14.2			0.011907 0.012165		1						0.285768
AH Eri	04 22 38.1 -13 21 29 1	DN UG? IP?	18.4 18.5	13.5			2500:00:00		M3-5/5					0.000000
J0153+7442	01 53 04. +74 42 44	NL IP					1414							0.000000
WX Pyx 0830-2238	08 33 05.8 -22 48 33 1	NL IP	17.7				1557.5							0.000000
J1914+2456	19 14 25.7 +24 56 40 1	NL IP					567.7							0.000000

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*******************************************************
*                                                     *
*  DESCRIPTION OF TABLE HEADINGS AND OF ABBREVIATIONS  *
*                                                     *
*                (ONLINE VERSION)                     *
*                                                     *
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Object Name: Wherever possible, the designation of the object given in the General Catalogue of Variable Stars is used here.

Altern.Name: is a frequently used alternative name. Further alternative designations are given in the "Who's Who ?" section.

Coordinates: First row right ascension (J2000) in hrs min sec
Second row declination (J2000) in deg ' "

The coordinates are given in the following format:
right ascension: HH MM SS.S
declination : DDD MM SS A
In the declination field, "A" is the accuracy of of the coordinates in seconds of arc (written as a hexadecimal number, i.e. 10" = a , 11" = b , 12" = c , 13" = d , 14" = e , 15" = f). In a case where "A" > 15" or where the accuracy of the co-ordinates is not known, the "A"-field is left blank.

Type: (first and second row), the object type is coarsely characterised using the following abbreviations:

AC = AM CVn star, spectrum devoid of hydrogen lines, subtype of NL
AM = polar = AM Her system, subtype of NL, contains a synchronously rotating, magnetized white dwarf
AS = subtype of AM, with a slowly asynchronously rotating, magnetized white dwarf
AS = atoll source, subtype of the LMXBs
BH = black hole candidate, subtype of the LMXBs
CP = coherent pulsator, contains a coherently pulsating white dwarf
DC = source with an accretion disc corona, subtype of the LMXBs
DD = system consists of two degenerate components
DN = dwarf nova
DQ = DQ Her star, contains a non-synchronously rotating, magnetized white dwarf; usually not seen in X-rays
DS = detached system
ER = ER UMa star = SU UMa star with an extremely short supercycle
GC = source in a globular cluster
IP = intermediate polar, shows coherent X-ray period from a non-synchronously spinning, magnetized white dwarf; usually a strong X-ray source
N = classical nova
Na = fast nova (decline from max. by 3 mag. in less than about 100 days)
Nb = slow nova (decline from max. by 3 mag. in more than about 100 days)
Nc = extremely slow nova (typical time scale of the decline from maximum: decades)
NL = nova-like variable
Nr = recurrent nova
PN = central star of a planetary nebula

SH = non-SU UMa star showing either permanent or
transient superhumps
SS = supersoft X-ray source; CV with stationary
hydrogen burning on the white dwarf
SU = SU UMa star, subtype of DN
SW = SW Sex star, subtype of NL
UG = dwarf nova of either U Gem or SS Cyg subtype
UX = UX UMa star, subtype of NL
VY = VY Scl star (anti dawrf nova), subtype of NL
WZ = WZ Sge star = SU UMa star with an extremely long
supercycle
XB = X-ray burst source
XP = X-ray pulsar
XT = transient X-ray source
ZC = Z Cam star, subtype of DN
ZS = Z-source, subtype of the LMXBs

Mag1, Mag3
Mag2, Mag4: apparent V magnitude (B magnitude if followed by B)
with the following meaning:

Mag1 = maximum brightness of
novae (N,Na,Nb,Nc,Nr) in minimum
DN (UG,ZC,SU) in minimum
NL (UX,AC) in normal state
NL (AM,VY) in high state
XT in quiescence
DS outside eclipse

Mag2 = minimum brightness, in case of eclipses magn.
at mideclipse, of
novae (N,Na,Nb,Nc,Nr) in minimum
DN (UG,ZC,SU) in minimum
NL (UX,AC) in normal state

NL (AM,VY) in high state
XT in quiescence
DS

Mag3 = maximum brightness of
novae (N,Na,Nb,Nc,Nr) in outburst
DN (UG,ZC) in outburst
DN (SU) in normal outburst
NL (AM,VY) in low state
NL (DQ,IP) in flaring state
XL (XB,XT) in outburst

Mag4 = brightness of
ZC in standstill
SU in superoutburst
= minimum brightness of
NL (AM,VY) in low state

T1: for DN (UG,ZC), the typical time interval (in days)
between two subsequent outbursts
for DN (SU), the typical time interval (in days)
between two subsequent normal outbursts
for XT, the typical time interval (in days)
between two subsequent X-ray active states

T2: for DN (SU), the typical time interval (in days)
between two subsequent superoutbursts

Lx/Lo: for LMXBs, the ratio of X-ray to optical luminosity

Orb.Per.: orbital period (in days), in case of object type
DQ: the spectroscopic period is given here if it is

different from the photometric one.
SU: if followed by *, the orbital period has been estimated from the known superhump period using the empirical relation given by B. Stolz and R. Schoembs (1984, A&A 132, 187).

2. Per.: second period, in case of object type
DQ or IP: photometric period (in days), if it is different from the spectroscopic one.
AM: polarization period (in days) = spin period of the white dwarf, if it is different from the presumed orbital period (subtype AS).
SU: superhump period (in days), wherever possible, at the beginning of a superoutburst.
SH: photometric period (in days), presumably superhump period of either permanent or transient superhumps.
DS: spin period (in seconds) of the accretor (white dwarf or neutron star).

3. Per.
4. Per.: additional periods in the system (in seconds), in case of object type
CP: 3. Per. = period of coherent pulsation, (transient if followed by T).
4. Per. = second period of coherent pulsation, (transient if followed by T).
DQ: 3. Per. = spin period of the white dwarf.
4. Per. = additional period, presumably due to reprocessed X-Rays.
IP: 3. Per. = spin period of the white dwarf, usually detected in X-Rays.

4. Per. = additional period, usually seen in the optical and presumably due to reprocessed X-Rays.

XP: 3. Per. = pulse period of the pulsar.
4. Per. = optical period, presumably due to reprocessed X-Rays.

The occurrence of transient quasi-periodic oscillations (QPO) in objects of type N, DN, NL, and in LMXBs is indicated either in the field "3. Per." or "4. Per", as space allows.

EB: indicates the occurrence of eclipses
if blank no eclipses observed
if 1 1 eclipse per orbital revolution observed
if 2 2 eclipses per orbital revolution observed
if D periodic eclipse-like dips observed

SB: type of spectroscopic binary
if 1 single-line spectroscopic binary
if 2 double-line spectroscopic binary

Spectr2: spectral type of the secondary
Spectr1: spectral type of the primary
the number to the right of the slash indicates the luminosity class , i.e.

I = 1
II = 2
III = 3
IV = 4

V = 5
VI = 6

e: first row eccentricity of the orbit
second row the corresponding error

M1/M2: first row mass ratio M1/M2
second row the corresponding error

Incl: first row orbital inclination (in degrees)
second row the corresponding error

M1: first row mass of the primary (in solar masses)
second row the corresponding error

R1: first row radius of the primary (in solar radii)
second row the corresponding error

M2: first row mass of the secondary (in solar masses)
second row the corresponding error

R2: first row radius of the secondary (in solar radii)
second row the corresponding error

Uncertain values are followed by a colon.