

THE ASTRONOMER Electronic Circular No 462      1990 Nov 19      19.30UT  
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# ROSAT MISSION

Extended periods are:

(4) Nov 19-25; (5) Nov 26-Dec 2; (6) Dec 3-9; (7) Dec 10-16

Target List (format as per E457):

Star	RA (1950)	DEC	Range	Type	4	5	6	7	TA Charts	BAA
FD	Aqr	22h15m19s	-08 36.2	13.4-14.4p	XPR	y			---	
V436	Cen	11h11m35s	-37 24.4	11.5-15.2B	UGSU			y	southern	
WW	Cet	00h08m52s	-11 45.5	9.3-16.8p	UG		y	y	---	
SS	Cyg	21h40m45s	+43 21.4	7.7-12.4V	UGSS	y	y		871211	005.02
V516	Cyg	20h45m18s	+41 45	13.8-16.8p	UGSS	y			901027	
V542	Cyg	19h48m21s	+58 22.3	13.0-18.3p	UGSS	y	y	y	881227	
V630	Cyg	21h33m00s	+40 26	13.4-17.2p	UGSU	y	y	y	900327	
V632	Cyg	21h33m54s	+40 12	12.6-17.5p	UGSS	y	y	y	900327	
V747	Cyg	20h35m42s	+50 06.0	11.7-12.5p	NL:	y	y		---	
V751	Cyg	20h50m27s	+44 08.1	13.8-16.3p	?	y	y		901026	
V1028	Cyg	19h59m47s	+56 48	13.0-18p	UGSS	y	y	y	881223	
V1060	Cyg	21h05m44s	+37 01.9	13.5-18p	UGSS	y	y		---	
V1251	Cyg	21h39m03s	+48 26	12.5-115p	UG:		y	y	820411	
WX	Hyi	02h08m28s	-63 33.1	9.6-14.8v	UGSU	y	y		southern	
T	Leo	11h35m53s	+03 38.9	10- 15.7B	UG			y	880619	
RU	Peg	22h11m36s	+12 27.3	9.0-13.2V	UGSS	y	y			014.02
IP	Peg	23h20m39s	+18 08.7	12.0-18.6B	UG+E			y	881021	
TY	Psc	01h22m48s	+32 07.5	12.2-16.3p	UGSU	y			901025	
AO	Psc	22h52m43s	-03 26.7	13.2-13.6V	XPR	y	y		---	
VY	Scl	23h26m21s	-30 03.3	12.5-18.5p	NL	y	y		southern	
UX	UMa	13h34m42s	+52 10.1	12.5-14.1V	NL		y	y	---	
BC	UMa	11h49m39s	+49 31.4	10.9-18.3B	UG	y			880530	
BB	Vel	08h35m12s	-47 12.3	13.8-16.0V	UG	y	y		southern	
CU	Vel	08h56m41s	-41 36.2	10.0-15.5V	UGSU	y	y		southern	
IX	Vel	08h13m50s	-49 04.0	9.1-10.0p	NL	y			southern	
TW	Vir	11h42m48s	-04 09.4	11.2-16.4V	UGSS		y	y	---	

During Period 3 our observers successfully detected an outburst of RU Peg which was of great benefit to the ROSAT team. Many thanks for your continued coverage.

## U GEM

Patrick Schmeer reports an outburst of this variable:

1990 Nov 9.93UT, [12.0; 16.089, 9.8. The results were relayed to the team on La Palma for a possible telescopic run. If anyone has other results on this star for 1990 November please e-mail data.

Guy M Hurst