Chandra X-ray Center

Seq Num: 500266

Instrument: ACIS

Obs ID: 2816

Source: VELA PWN

PI: Dr. George Pavlov

Title: THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR

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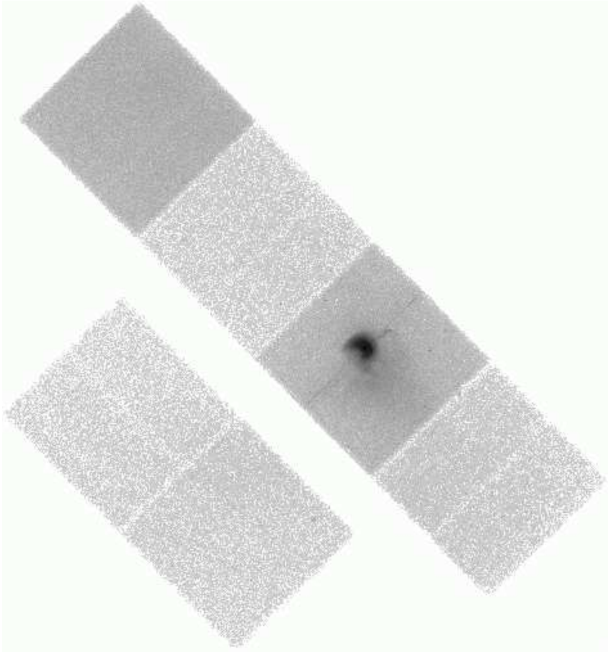
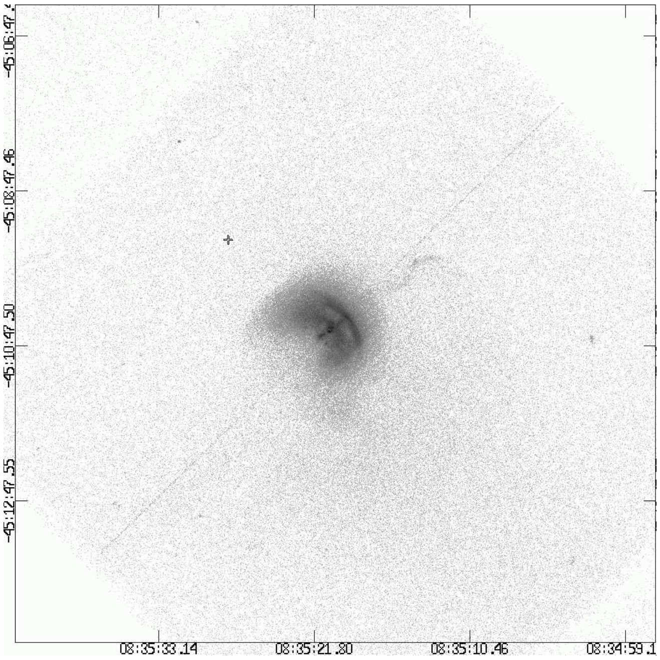
acisf02816N002 full img2.fits



acisf02816N002 cntr img2.fits



Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.10	ASCDS version number
DATE	2007-01-18T03:28:40	Date and time of file creation
DATE-OBS	2001-12-11T17:50:11	Observation start date
DATE-END	2001-12-11T23:32:03	Observation end date
RA_PNT	128.86689582068	Pointing RA
DEC_PNT	-45.157123196625	Pointing Dec
ROLL_PNT	45.582262624129	Pointing Roll
RA_TARG	128.83625	Observer's specified target RA
DEC_TARG	-45.176667	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.4460144	Focal Plane Temperature [K]
FSW_VERS	30	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.10	ASCDS version number
DATE	2007-01-18T03:50:00	Date and time of file creation
DATE-OBS	2001-12-11T17:50:11	Observation start date
DATE-END	2001-12-11T23:32:03	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	VELA PWN	Source name
TITLE	THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR	Proposal title
OBSERVER	Dr. George Pavlov	Principal investigator
OBS_ID	2816	Observation id
SEQ_NUM	500266	Sequence number
RA_NOM	128.86689582068	Nominal RA
DEC_NOM	-45.157123196625	Nominal Dec
ROLL_NOM	45.582262624129	Nominal Roll

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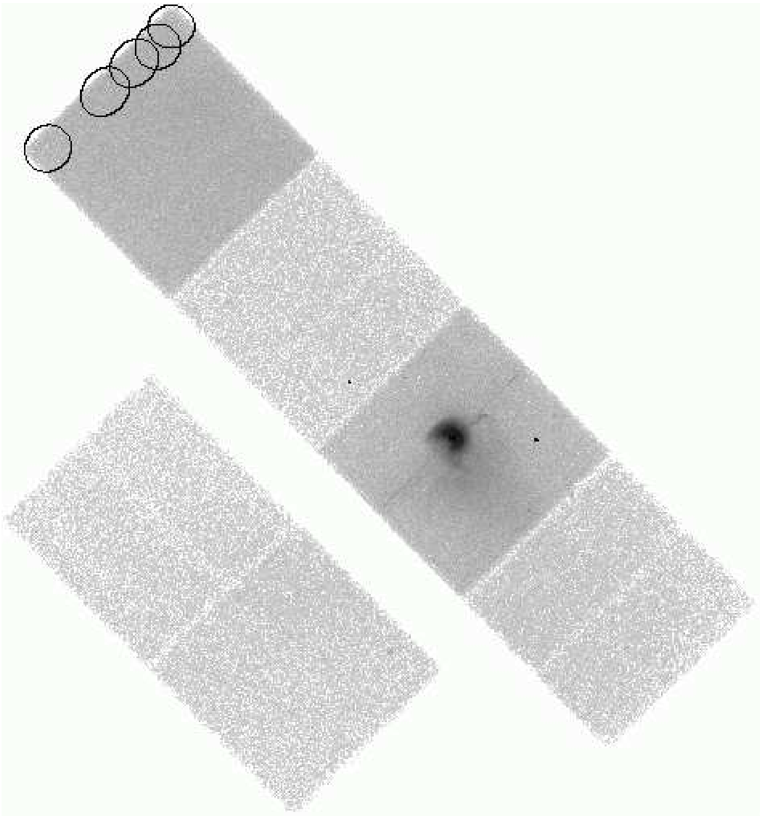
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
129.226832	-44.979372	596.800659	57.051659	10.460707
129.107848	-44.896723	579.069763	58.385132	9.918103
128.836212	-45.176783	526.857117	53.374401	9.870971
128.881704	-45.135907	93.714287	11.191063	8.374029
129.143583	-44.921471	577.747498	71.158951	8.119112
129.171659	-44.940873	561.880371	70.383415	7.983136
129.120923	-44.910308	477.519653	67.687965	7.054720
128.838563	-45.177632	296.285706	44.724251	6.624722
128.756193	-45.178329	88.571426	14.452694	6.128368
128.936726	-45.138579	58.477272	9.633895	6.069951