Chandra X-ray Center

Seq Num: 500267

Instrument: ACIS

Obs ID: 2817

Source: VELA PWN

PI: Dr. George Pavlov

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

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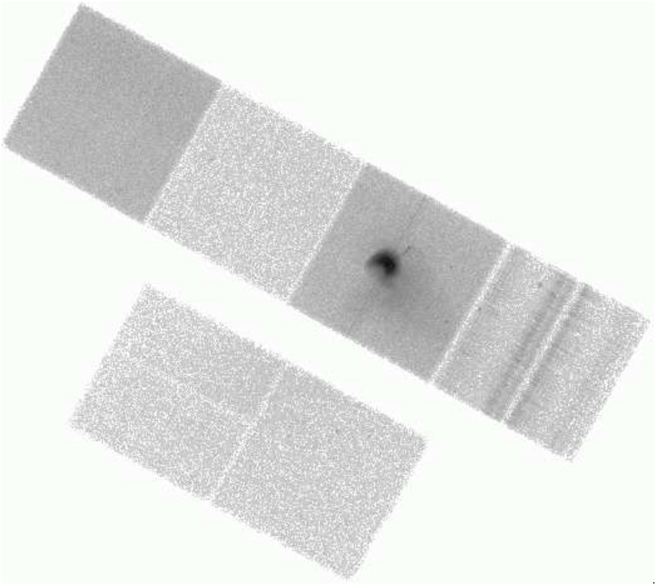
acisf02817N002 full img2.fits



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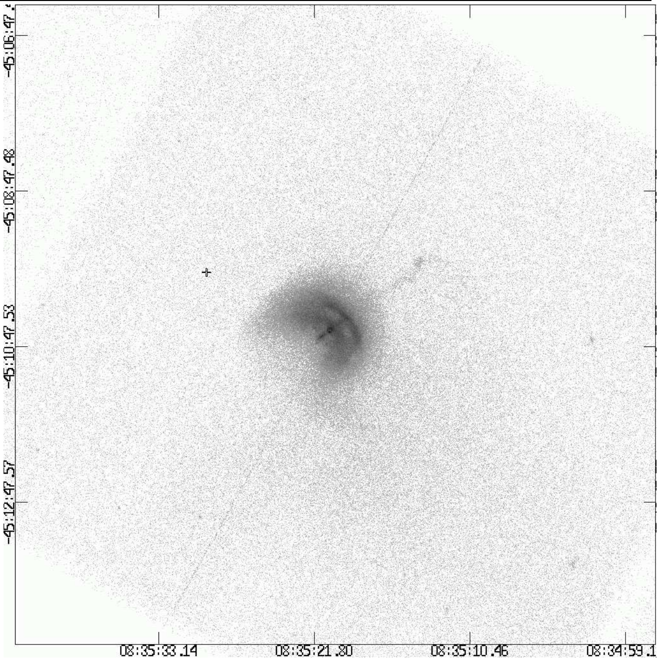

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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.10	ASCDS version number
DATE	2007-01-17T02:24:07	Date and time of file creation
DATE-OBS	2001-12-29T09:59:34	Observation start date
DATE-END	2001-12-29T15:50:06	Observation end date
RA_PNT	128.87349803545	Pointing RA
DEC_PNT	-45.164057669567	Pointing Dec
ROLL_PNT	29.156819416842	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	2007-01-17T02:54:19	Date and time of file creation
DATE-OBS	2001-12-29T09:59:34	Observation start date
DATE-END	2001-12-29T15:50:06	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	2817	Observation id
SEQ_NUM	500267	Sequence number
RA_NOM	128.87349803545	Nominal RA
DEC_NOM	-45.164057669567	Nominal Dec
ROLL_NOM	29.156819416842	Nominal Roll

Chandra X-ray Center

Seq Num: 500267

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Source: VELA PWN

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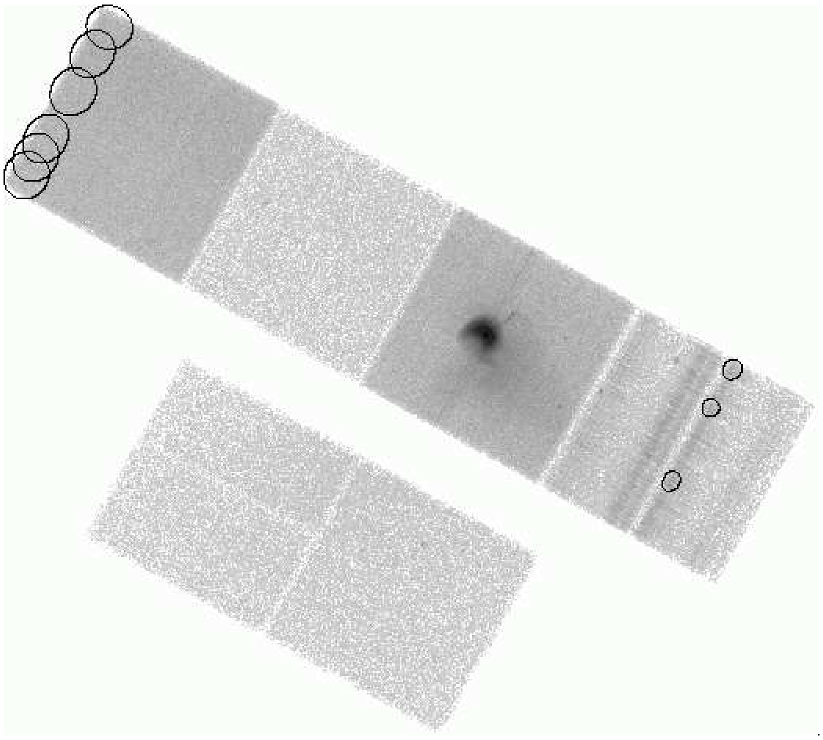
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
129.289995	-45.064776	620.335571	57.121925	10.859850
129.207349	-44.961914	670.023254	63.110760	10.616625
128.591480	-45.200553	266.089294	27.628601	9.630936
129.224157	-44.980489	651.116272	71.187286	9.146524
128.836207	-45.176630	465.142853	55.684303	8.353213
129.243343	-45.006686	544.049805	68.275787	7.968415
128.651743	-45.278645	256.416656	32.271759	7.945544
129.280919	-45.052376	462.000000	63.330566	7.295055
129.271074	-45.039422	459.867096	64.049965	7.179819
128.612977	-45.227358	199.791672	28.305609	7.058377