Chandra X-ray Center

Seq Num: 600466

Instrument: ACIS

Obs ID: 5947

Source: M81

PI: Dr. David Pooley

Title: An Unprecedented View of a Galaxy's Dynamic X-ray Source Population

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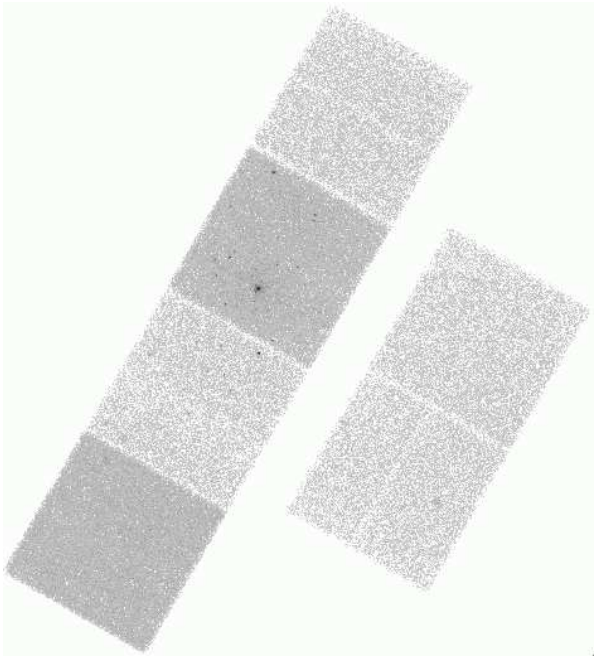
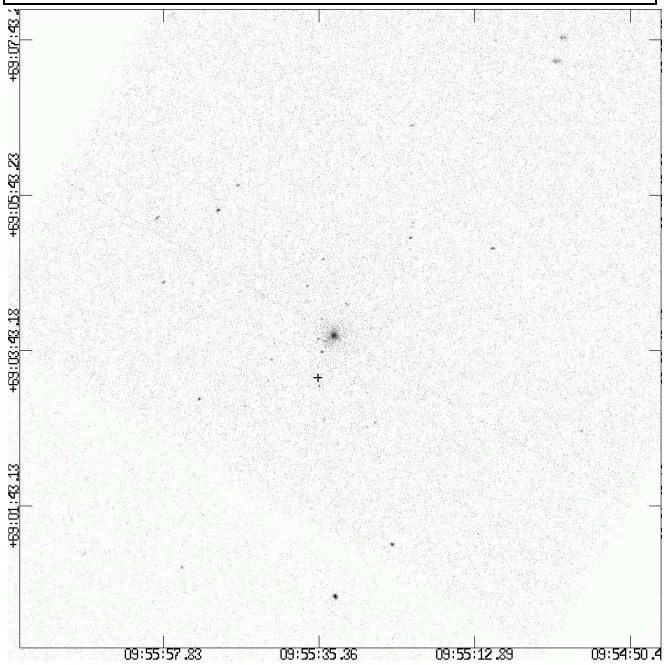
acisf05947N002 full img2.fits



acisf05947N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-11T23:16:43	Date and time of file creation
DATE-OBS	2005-06-29T13:34:41	Observation start date
DATE-END	2005-06-29T17:03:08	Observation end date
RA_PNT	148.89757985261	Pointing RA
DEC_PNT	69.056201910083	Pointing Dec
ROLL_PNT	300.03657779558	Pointing Roll
RA_TARG	148.888333	Observer's specified target RA
DEC_TARG	69.065306	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.4460144	Focal Plane Temperature [K]
FSW_VERS	31	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-12T00:10:19	Date and time of file creation
DATE-OBS	2005-06-29T13:34:41	Observation start date
DATE-END	2005-06-29T17:03:08	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	M81	Source name
TITLE	An Unprecedented View of a Galaxy's Dynamic X-ray Source Population	
OBSERVER	Dr. David Pooley	Principal investigator
OBS_ID	5947	Observation id
SEQ_NUM	600466	Sequence number
RA_NOM	148.89757985261	Nominal RA
DEC_NOM	69.056201910083	Nominal Dec
ROLL_NOM	300.03657779558	Nominal Roll

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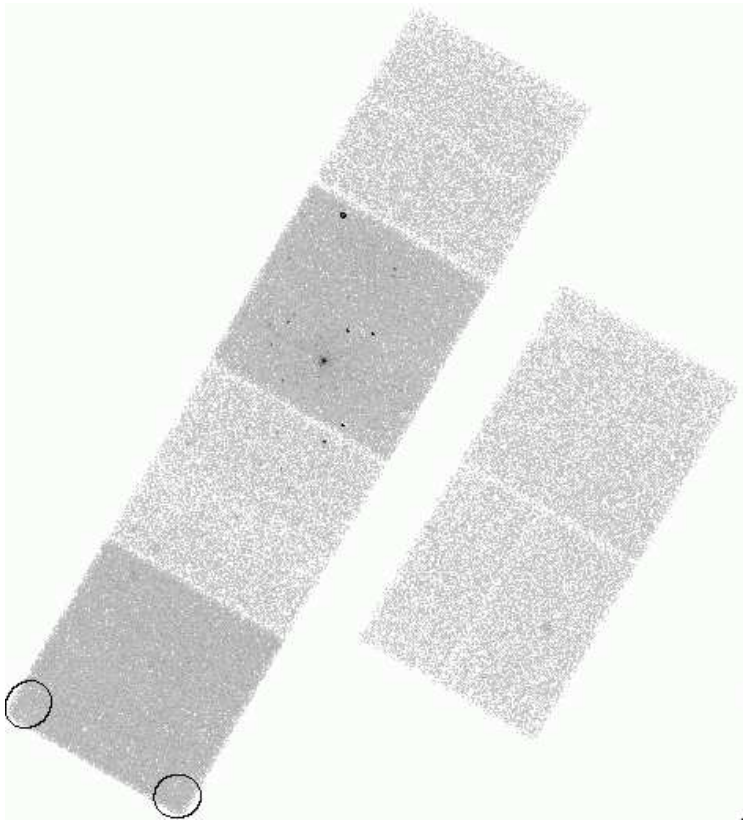
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887206	69.009385	831.571411	35.449718	23.457773
148.957394	69.092213	311.000000	19.525295	15.928057
148.851147	69.166119	335.695007	22.179974	15.135050
148.887812	69.065415	575.857117	39.961056	14.410459
148.853151	69.020478	272.714294	19.203630	14.201184
148.968645	69.051721	172.142853	14.784918	11.643140
149.170374	68.762338	442.521606	42.876038	10.320953
148.841991	69.086282	130.142853	13.161333	9.888273
148.792750	69.083988	137.000000	13.987359	9.794558
149.458127	68.825439	394.561462	44.378979	8.890729