Chandra X-ray Center

Seq Num: 600468

Instrument: ACIS

Obs ID: 5949

Source: M81

PI: Dr. David Pooley

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

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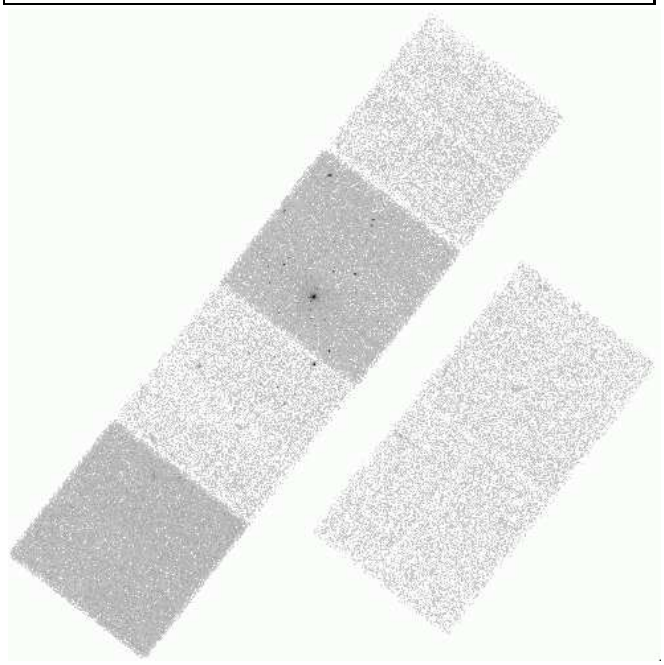
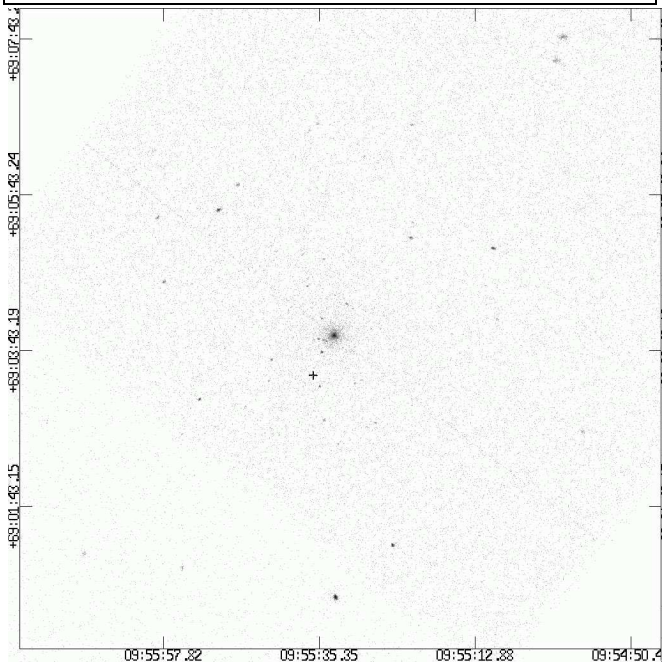
acisf05949N002 full img2.fits	acisf05949N002 cntr img2.fits





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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-14T09:34:00	Date and time of file creation
DATE-OBS	2005-07-06T07:50:43	Observation start date
DATE-END	2005-07-06T11:36:06	Observation end date
RA_PNT	148.90088599365	Pointing RA
DEC_PNT	69.056736432763	Pointing Dec
ROLL_PNT	307.75269205232	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	2006-03-14T10:10:25	Date and time of file creation
DATE-OBS	2005-07-06T07:50:43	Observation start date
DATE-END	2005-07-06T11:36:06	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	5949	Observation id
SEQ_NUM	600468	Sequence number
RA_NOM	148.90088599365	Nominal RA
DEC_NOM	69.056736432763	Nominal Dec
ROLL_NOM	307.75269205232	Nominal Roll

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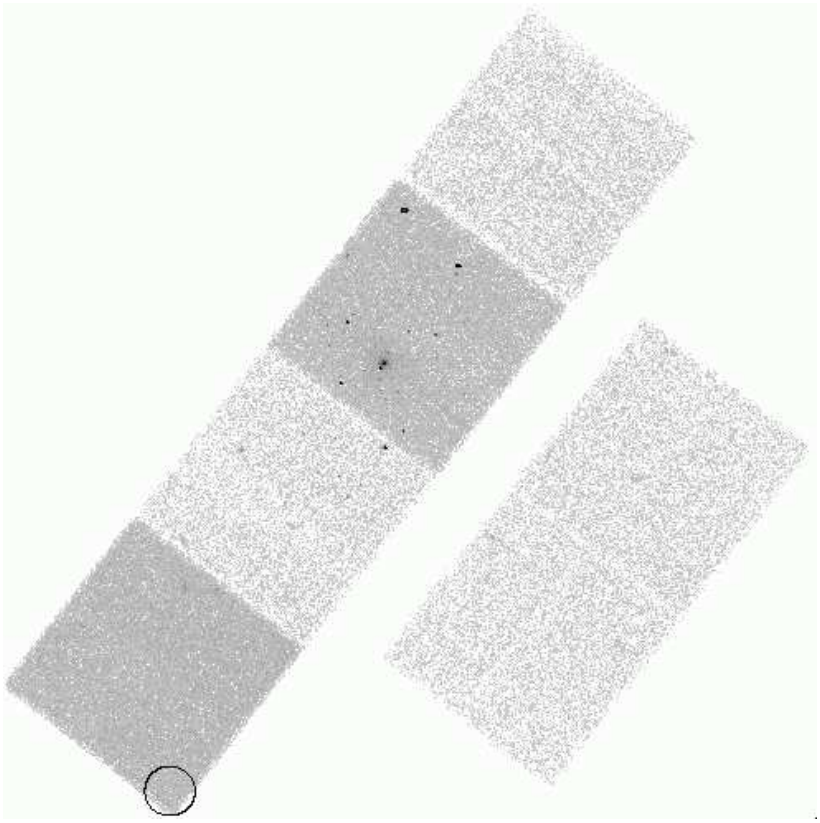
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887262	69.009391	832.428589	35.638596	23.357502
148.887942	69.065404	763.428589	43.243607	17.654139
148.853120	69.020474	373.857147	21.484713	17.401077
148.957392	69.092214	307.714294	20.143665	15.275983
148.851691	69.166057	317.234985	23.097551	13.734572
148.792819	69.083987	231.571426	19.034851	12.165655
148.968586	69.051712	161.142853	14.378912	11.206888
148.895380	69.061794	145.714279	13.489996	10.801655
148.750571	69.129188	158.166672	15.525782	10.187356
149.281662	68.781305	396.574738	45.074303	8.798244