Chandra X-ray Center

Seq Num: 600464

Instrument: ACIS

Obs ID: 5945

Source: M81

PI: Dr. David Pooley

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

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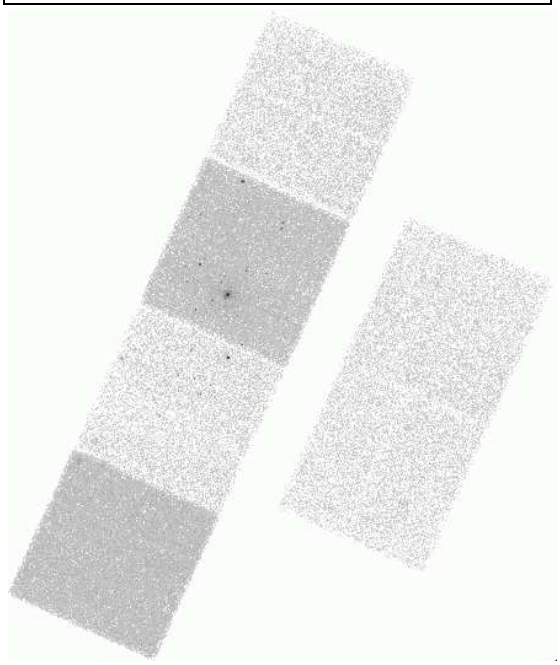
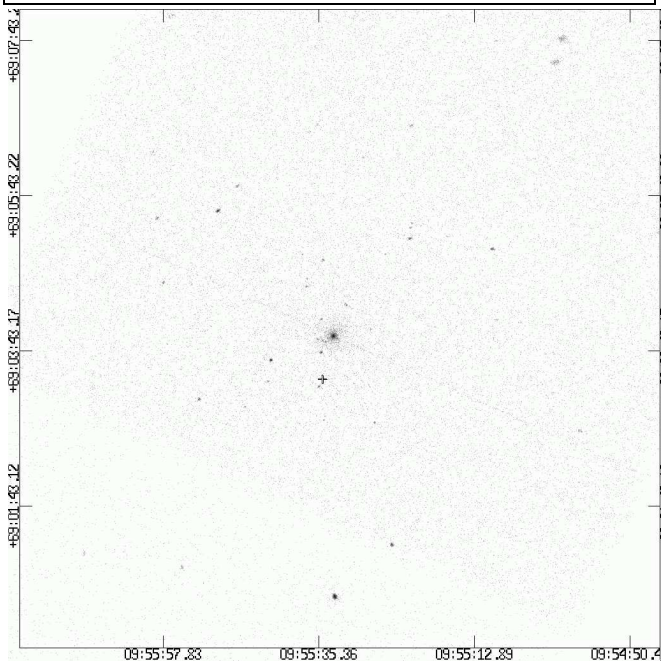
acisf05945N002 full img2.fits	acisf05945N002 cntr img2.fits





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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-11T17:31:39	Date and time of file creation
DATE-OBS	2005-06-24T06:05:52	Observation start date
DATE-END	2005-06-24T09:44:51	Observation end date
RA_PNT	148.89484585672	Pointing RA
DEC_PNT	69.055976561843	Pointing Dec
ROLL_PNT	294.19570711076	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	2006-03-11T18:16:32	Date and time of file creation
DATE-OBS	2005-06-24T06:05:52	Observation start date
DATE-END	2005-06-24T09:44:51	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	5945	Observation id
SEQ_NUM	600464	Sequence number
RA_NOM	148.89484585672	Nominal RA
DEC_NOM	69.055976561843	Nominal Dec
ROLL_NOM	294.19570711076	Nominal Roll

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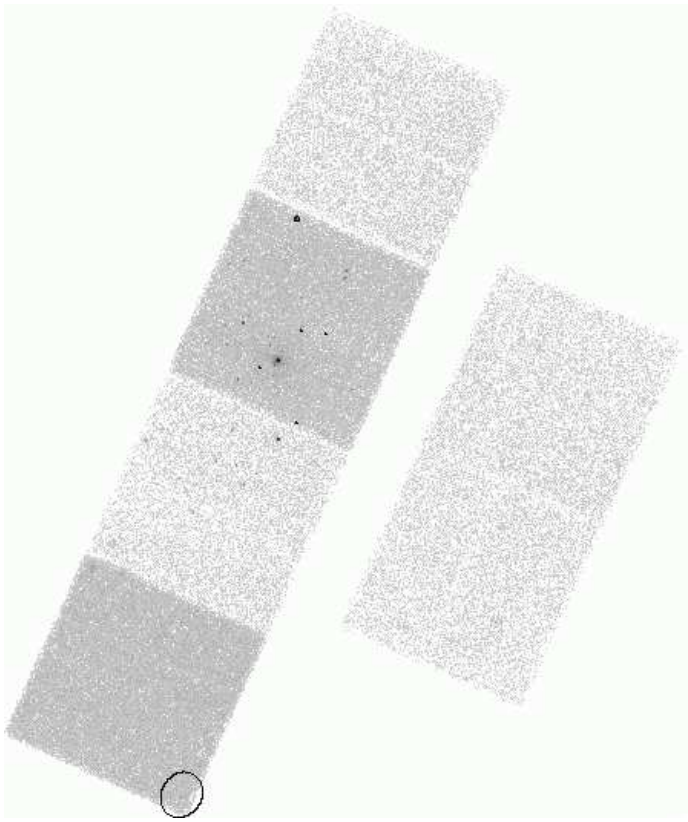
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887338	69.009302	1128.285767	40.385834	27.937660
148.888150	69.065287	1181.000000	46.053558	25.644054
148.925633	69.060131	415.571442	21.999039	18.890434
148.957569	69.092170	336.000000	21.892216	15.347920
148.851307	69.166021	362.157501	23.619961	15.332689
148.853226	69.020468	249.714279	17.886936	13.960708
148.842213	69.086225	145.142853	13.765130	10.544242
148.792911	69.083975	150.000000	14.480905	10.358469
148.895522	69.061773	138.285721	13.906073	9.944268
149.079073	68.755055	362.578064	40.781471	8.890755