Chandra X-ray Center

Seq Num: 600458

Instrument: ACIS

Obs ID: 5939

Source: M81

PI: Dr. David Pooley

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

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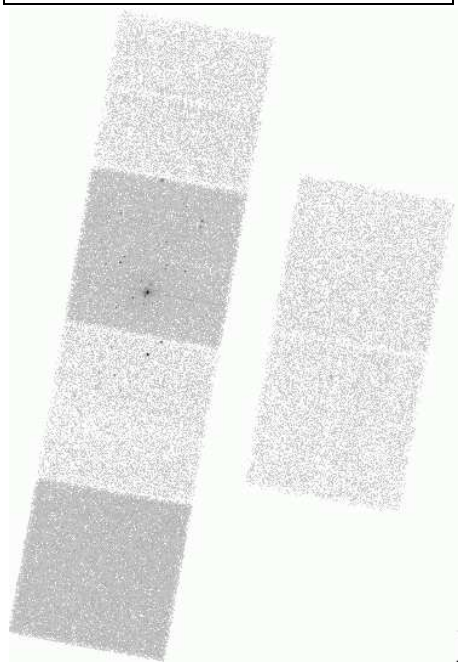
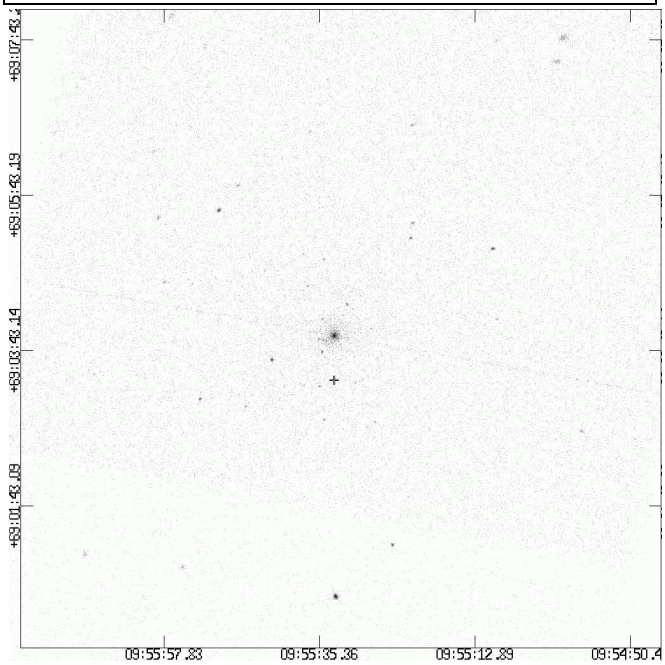
acisf05939N002 full img2.fits



acisf05939N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-08T22:03:03	Date and time of file creation
DATE-OBS	2005-06-06T15:17:41	Observation start date
DATE-END	2005-06-06T19:08:09	Observation end date
RA_PNT	148.88837133185	Pointing RA
DEC_PNT	69.055659062837	Pointing Dec
ROLL_PNT	280.15659024264	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	2006-03-08T22:35:54	Date and time of file creation
DATE-OBS	2005-06-06T15:17:41	Observation start date
DATE-END	2005-06-06T19:08:09	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	5939	Observation id
SEQ_NUM	600458	Sequence number
RA_NOM	148.88837133185	Nominal RA
DEC_NOM	69.055659062837	Nominal Dec
ROLL_NOM	280.15659024264	Nominal Roll

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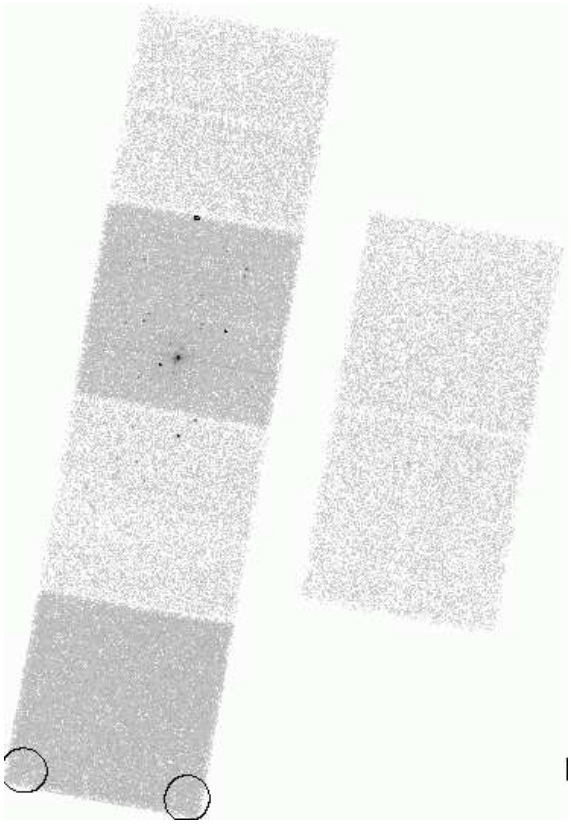
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.888231	69.065265	1134.285767	46.662140	24.308479
148.887338	69.009383	890.142883	37.395355	23.803566
148.925537	69.060133	362.428558	21.037127	17.228045
148.957438	69.092197	322.857147	20.783560	15.534257
148.792809	69.083962	256.714294	18.757162	13.686200
148.853200	69.020414	159.714279	14.039433	11.376121
148.851111	69.165891	164.539993	16.243097	10.129842
148.871452	68.747689	434.840546	43.375034	10.025134
149.195452	68.767653	373.966766	41.151554	9.087549
148.968640	69.051664	114.571426	12.802502	8.949144