Chandra X-ray Center

Seq Num: 600457

Instrument: ACIS

Obs ID: 5938

Source: M81

PI: Dr. David Pooley

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

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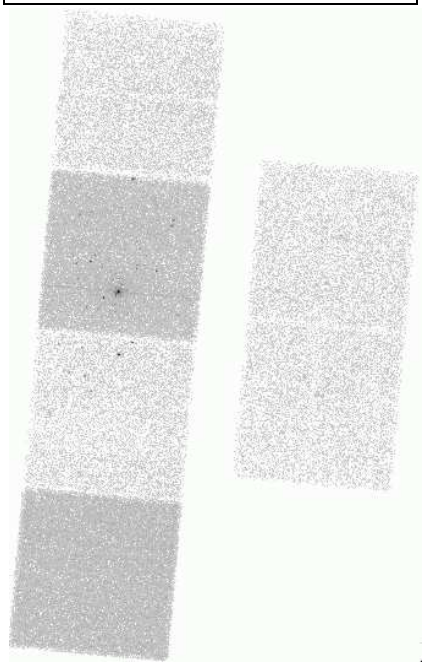
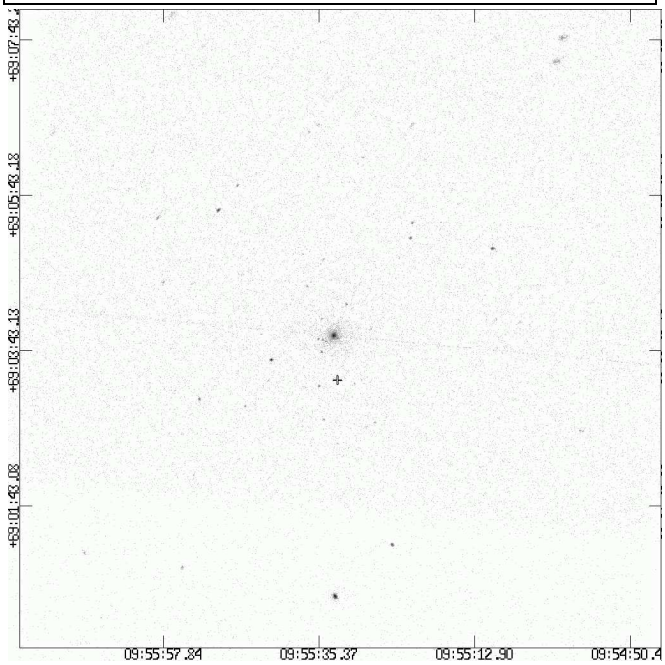
acisf05938N002 full img2.fits



acisf05938N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-08T17:54:33	Date and time of file creation
DATE-OBS	2005-06-03T22:49:09	Observation start date
DATE-END	2005-06-04T02:48:34	Observation end date
RA_PNT	148.88605971242	Pointing RA
DEC_PNT	69.05570645436	Pointing Dec
ROLL_PNT	275.15875154556	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	2006-03-08T18:31:38	Date and time of file creation
DATE-OBS	2005-06-03T22:49:09	Observation start date
DATE-END	2005-06-04T02:48:34	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	5938	Observation id
SEQ_NUM	600457	Sequence number
RA_NOM	148.88605971242	Nominal RA
DEC_NOM	69.05570645436	Nominal Dec
ROLL_NOM	275.15875154556	Nominal Roll

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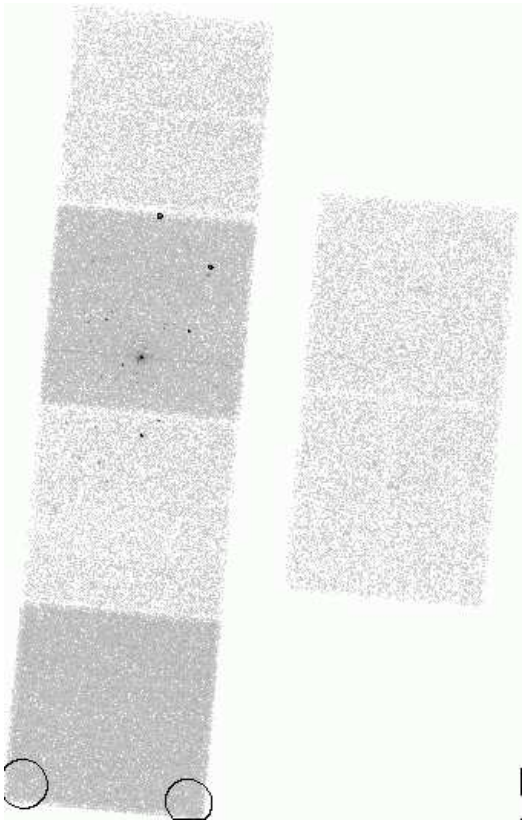
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887162	69.009318	972.285706	37.773090	25.740170
148.888179	69.065301	999.571411	44.883987	22.270111
148.925526	69.060131	484.428558	23.883457	20.283016
148.957327	69.092228	308.428558	20.246994	15.233302
148.853139	69.020440	243.571426	17.392704	14.004230
148.792826	69.083982	213.571426	17.193016	12.421987
148.851029	69.165901	193.539993	17.171452	11.271033
148.795657	68.747841	415.897003	42.061699	9.887785
149.120945	68.760626	379.617950	43.145313	8.798591
148.750237	69.129223	112.375000	13.387718	8.393888