Chandra X-ray Center

Seq Num: 600461

Instrument: ACIS

Obs ID: 5942

Source: M81

PI: Dr. David Pooley

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

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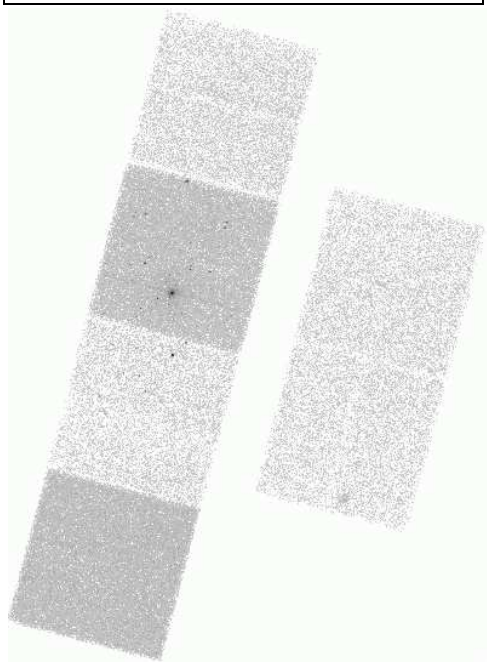
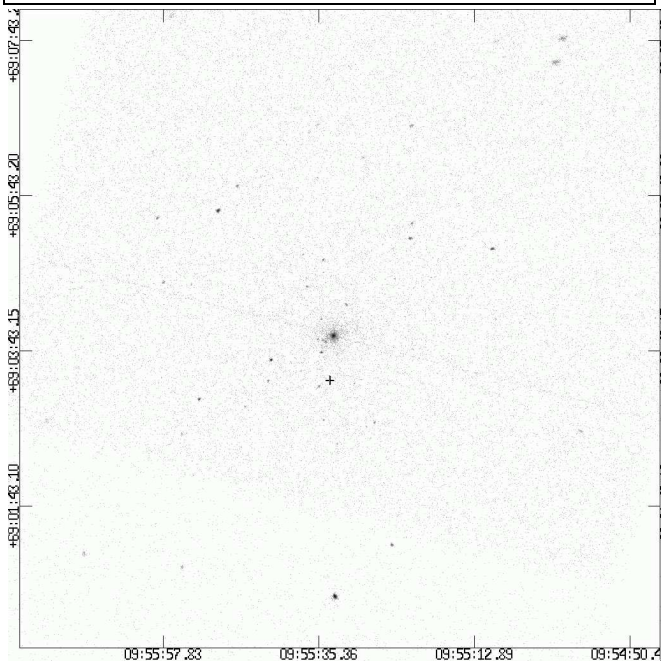
acisf05942N002 full img2.fits	acisf05942N002 cntr img2.fits





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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-10T12:54:38	Date and time of file creation
DATE-OBS	2005-06-15T01:28:33	Observation start date
DATE-END	2005-06-15T05:20:20	Observation end date
RA_PNT	148.89047779429	Pointing RA
DEC_PNT	69.055709839513	Pointing Dec
ROLL_PNT	284.60351076821	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	2006-03-10T13:53:11	Date and time of file creation
DATE-OBS	2005-06-15T01:28:33	Observation start date
DATE-END	2005-06-15T05:20:20	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	5942	Observation id
SEQ_NUM	600461	Sequence number
RA_NOM	148.89047779429	Nominal RA
DEC_NOM	69.055709839513	Nominal Dec
ROLL_NOM	284.60351076821	Nominal Roll

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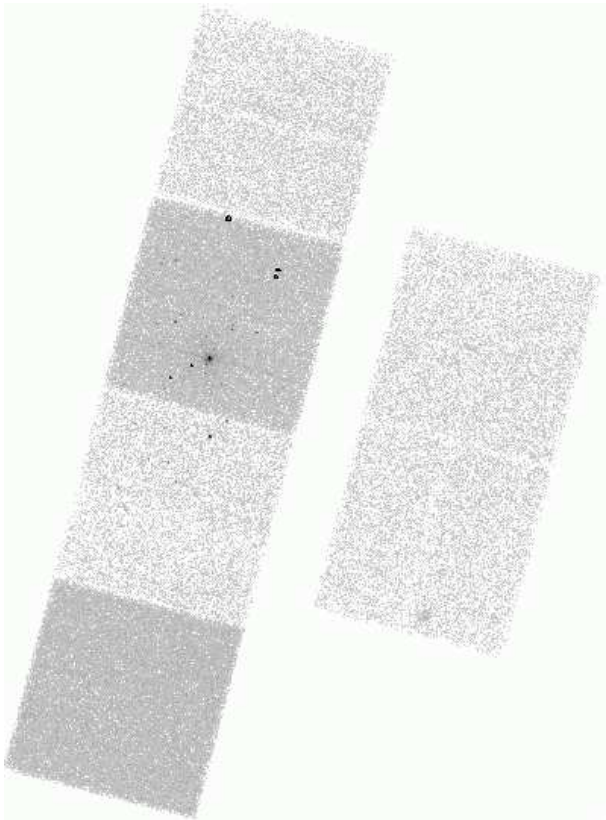
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887262	69.009334	1041.714233	39.069138	26.663357
148.888157	69.065306	1065.714233	45.499435	23.422583
148.925550	69.060159	413.857147	21.873186	18.920753
148.957370	69.092236	465.428558	24.929928	18.669472
148.792731	69.083997	234.285721	17.919971	13.074001
148.850767	69.165958	255.695007	20.189667	12.664647
148.968630	69.051732	164.285721	14.880781	11.040127
148.750319	69.129193	145.583328	14.235688	10.226645
148.895365	69.061800	132.142853	13.243578	9.977882
148.754302	69.124059	132.583328	13.732953	9.654393