Chandra X-ray Center

Seq Num: 600459

Instrument: ACIS

Obs ID: 5940

Source: M81

PI: Dr. David Pooley

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

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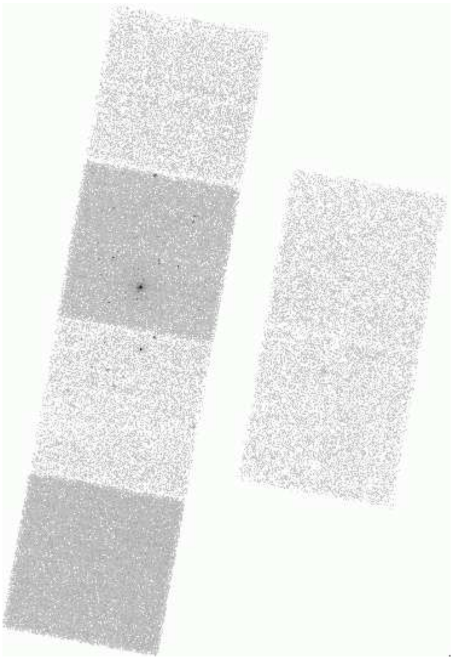
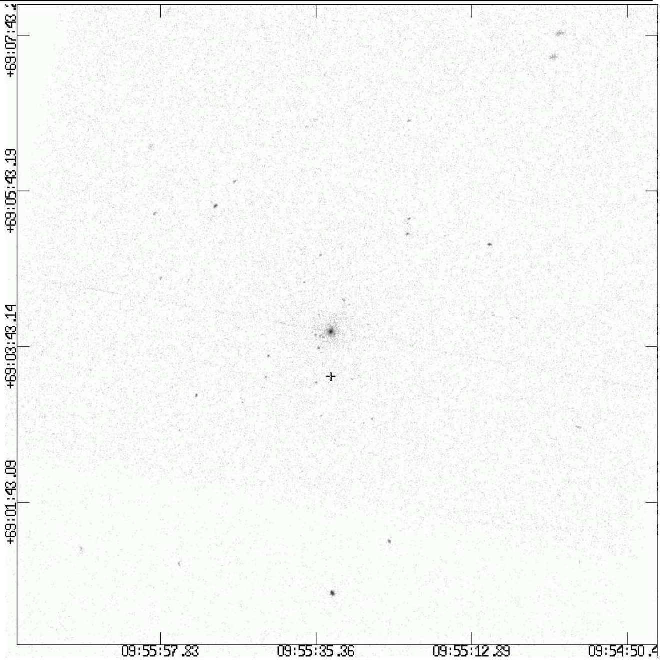
acisf05940N002 full img2.fits



acisf05940N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-10T05:17:26	Date and time of file creation
DATE-OBS	2005-06-09T06:54:19	Observation start date
DATE-END	2005-06-09T10:54:29	Observation end date
RA_PNT	148.88830848618	Pointing RA
DEC_PNT	69.055665990305	Pointing Dec
ROLL_PNT	280.15662778538	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	153.76843262	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	2006-03-10T05:47:50	Date and time of file creation
DATE-OBS	2005-06-09T06:54:19	Observation start date
DATE-END	2005-06-09T10:54:29	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	5940	Observation id
SEQ_NUM	600459	Sequence number
RA_NOM	148.88830848618	Nominal RA
DEC_NOM	69.055665990305	Nominal Dec
ROLL_NOM	280.15662778538	Nominal Roll

Chandra X-ray Center

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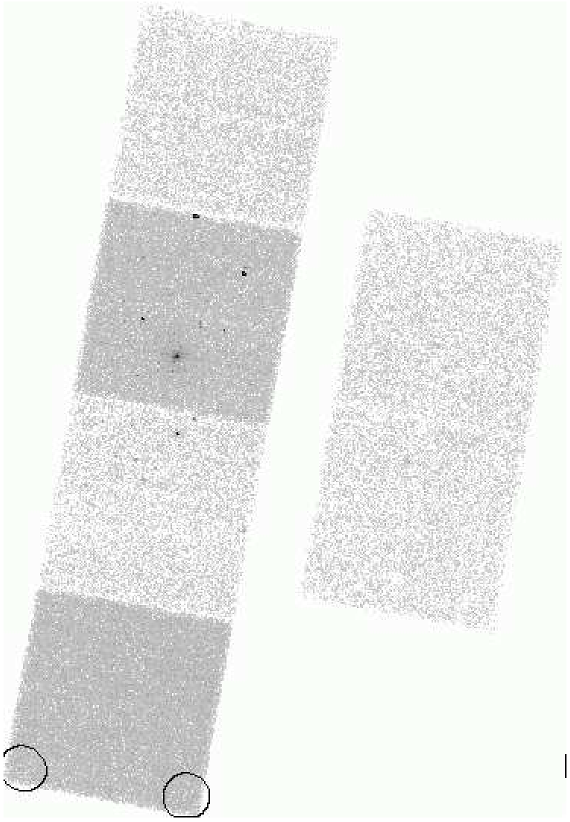
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.888158	69.065283	1302.142822	48.816895	26.674021
148.887336	69.009393	937.428589	38.286205	24.484760
148.957399	69.092213	330.285706	20.559381	16.064962
148.792775	69.083977	238.571426	17.950113	13.290803
148.851072	69.165925	203.925003	17.934916	11.370278
148.871017	68.747667	477.438538	42.971371	11.110620
148.853134	69.020452	153.857147	14.238647	10.805601
148.754270	69.124102	133.750000	13.398698	9.982313
149.195335	68.767420	388.627899	39.584812	9.817601
148.895344	69.061803	109.857140	12.449018	8.824562