Chandra X-ray Center

Seq Num: 200307

Instrument: ACIS

Obs ID: 6291

Source: NGC 6231

PI: Dr. Steven Murray

Title: Star formation in the young star cluster NGC 6231

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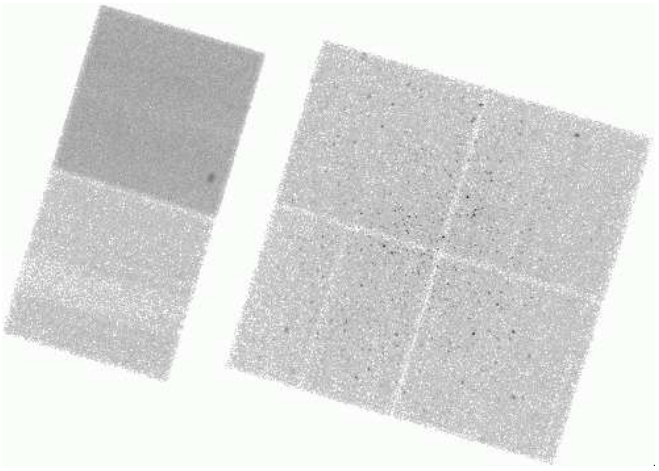
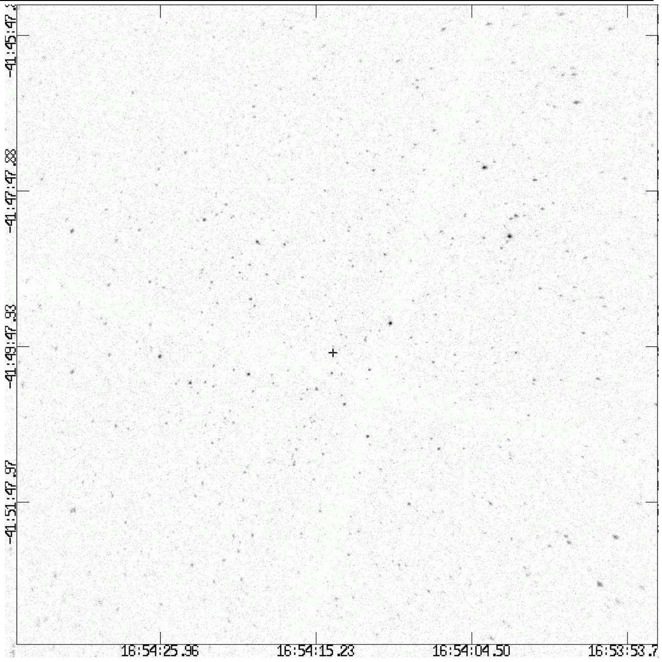
acisf06291N002 full img2.fits



acisf06291N002 cntr img2.fits



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Instrument: ACIS Obs ID: 6291

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Title: Star formation in the young star cluster NGC 6231

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-14T20:08:19	Date and time of file creation
DATE-OBS	2005-07-16T20:29:52	Observation start date
DATE-END	2005-07-17T09:28:15	Observation end date
RA_PNT	253.55849318282	Pointing RA
DEC_PNT	-41.831401349534	Pointing Dec
ROLL_PNT	286.74261162311	Pointing Roll
RA_TARG	253.559167	Observer's specified target RA
DEC_TARG	-41.826806	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.60722351	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	2006-03-14T21:18:11	Date and time of file creation
DATE-OBS	2005-07-16T20:29:52	Observation start date
DATE-END	2005-07-17T09:28:15	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-012367	Detector
GRATING	NONE	Grating
OBJECT	NGC 6231	Source name
TITLE	Star formation in the young star cluster NGC 6231	Proposal title
OBSERVER	Dr. Steven Murray	Principal investigator
OBS_ID	6291	Observation id
SEQ_NUM	200307	Sequence number
RA_NOM	253.55849318282	Nominal RA
DEC_NOM	-41.831401349534	Nominal Dec
ROLL_NOM	286.74261162311	Nominal Roll

Chandra X-ray Center

Seq Num: 200307

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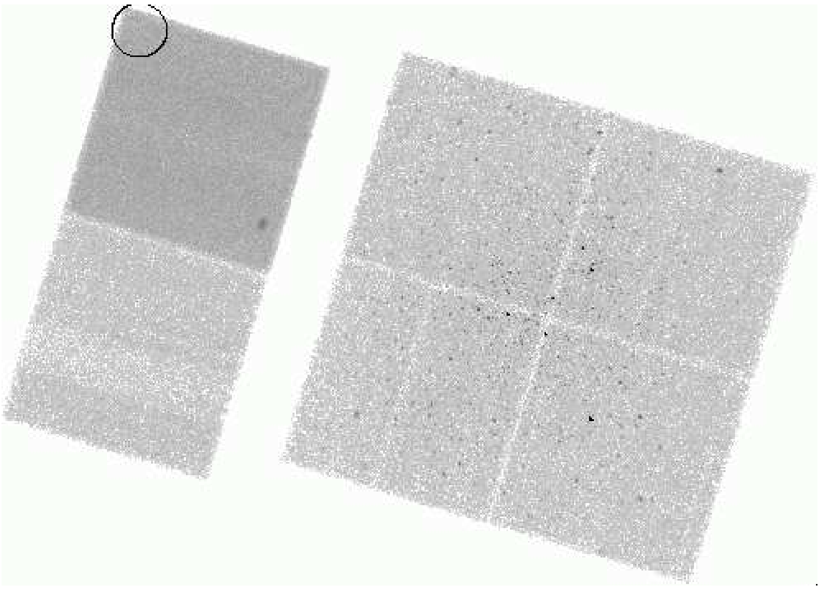
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
253.541943	-41.825020	1915.571411	46.096813	41.555397
253.507685	-41.806366	1897.000000	48.765835	38.900185
253.514966	-41.791610	1489.988647	40.296722	36.975430
253.508321	-41.905359	733.000000	30.164143	24.300377
253.582659	-41.835922	533.285706	24.712381	21.579697
253.608227	-41.832130	513.142883	25.523397	20.104801
253.580188	-41.807561	456.285706	24.056337	18.967382
253.548488	-41.849228	396.428558	21.869589	18.126934
253.599482	-41.837776	404.285706	22.371078	18.071802
253.910054	-41.646737	1315.404297	77.194862	17.040051