# Chandra X-ray Center

Seq Num: 590233

Instrument: ACIS

Obs ID: 2844

Source: E0102-72.3 [Chip S3, T=120, Offsets=-1.0.0]

PI: Dr. CXC Calibration

Title: AO3A ACIS-S CALIBRATION OBSERVATIONS OF E0102-72

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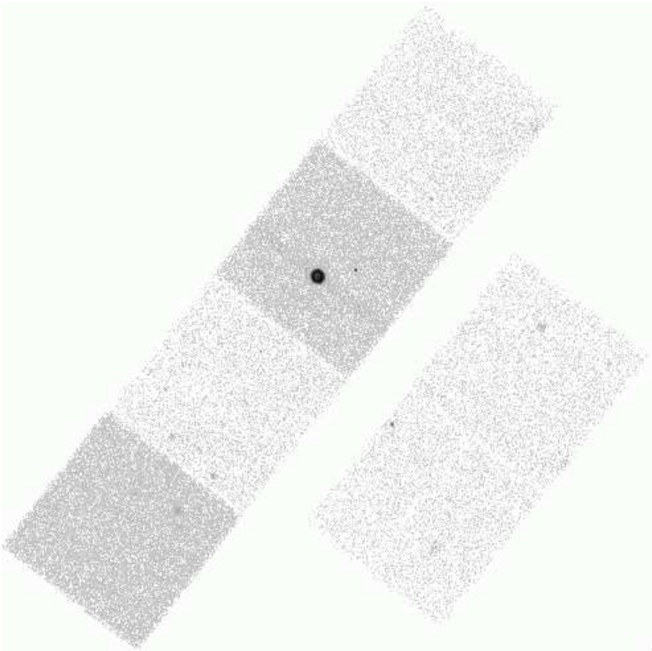
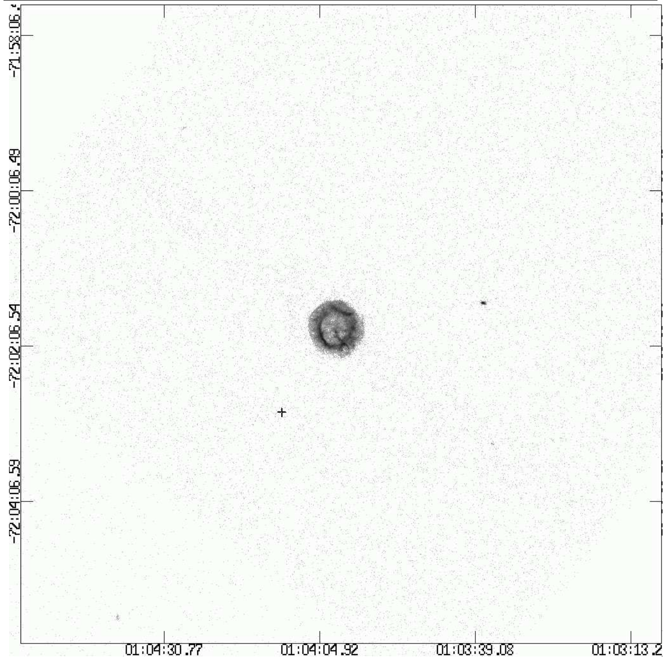
acisf02844N002 full img2.fits



acisf02844N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-01-20T13:19:33 | Date and time of file creation |
| DATE-OBS | 2001-12-06T09:27:03 | Observation start date |
| DATE-END | 2001-12-06T11:45:32 | Observation end date |
| RA_PNT | 16.046668422536 | Pointing RA |
| DEC_PNT | -72.049500930169 | Pointing Dec |
| ROLL_PNT | 307.86717574364 | Pointing Roll |
| RA_TARG | 16.01 | Observer's specified target RA |
| DEC_TARG | -72.032028 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-01-20T13:36:32 | Date and time of file creation |
| DATE-OBS | 2001-12-06T09:27:03 | Observation start date |
| DATE-END | 2001-12-06T11:45:32 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | E0102-72.3 [Chip S3, T=120, Offsets=-1.0.0] | Source name |
| TITLE | AO3A ACIS-S CALIBRATION OBSERVATIONS OF E0102-72 | Proposal title |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 2844 | Observation id |
| SEQ_NUM | 590233 | Sequence number |
| RA_NOM | 16.046668422536 | Nominal RA |
| DEC_NOM | -72.049500930169 | Nominal Dec |
| ROLL_NOM | 307.86717574364 | Nominal Roll |

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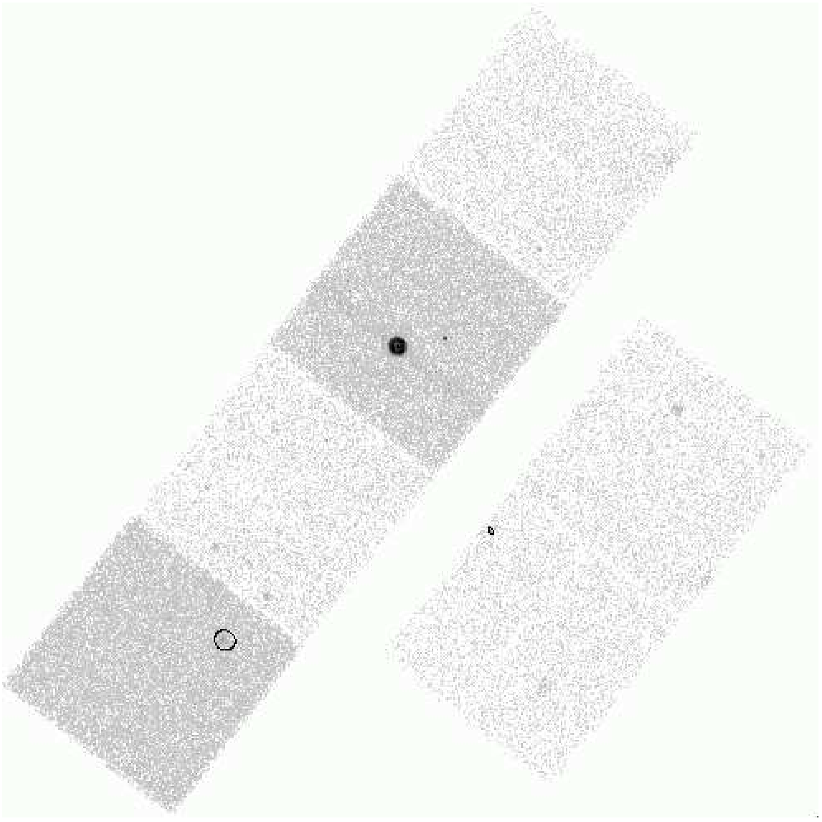
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
| --- | --- | --- | --- | --- |
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 15.906584 | -72.025933 | 643.285706 | 30.898376 | 20.819403 |
| 15.807871 | -72.153730 | 221.272720 | 17.043964 | 12.982468 |
| 15.998968 | -72.028437 | 397.428558 | 42.595753 | 9.330239 |
| 16.017455 | -72.033937 | 418.428558 | 48.020226 | 8.713590 |
| 16.015600 | -72.034952 | 365.857147 | 45.919601 | 7.967341 |
| 16.008570 | -72.032250 | 252.714279 | 31.856710 | 7.932843 |
| 16.383554 | -72.225810 | 160.625900 | 21.701189 | 7.401710 |
| 16.020173 | -72.031480 | 305.571442 | 41.318913 | 7.395437 |
| 16.002541 | -72.034759 | 340.285706 | 47.974968 | 7.092985 |
| 16.019204 | -72.032563 | 334.428558 | 49.319962 | 6.780796 |