# Chandra X-ray Center

Seq Num: 600392

Instrument: ACIS

Obs ID: 4737

Source: M101

PI: Dr. K. Kuntz

Title: An Ultra-Deep Study of M101

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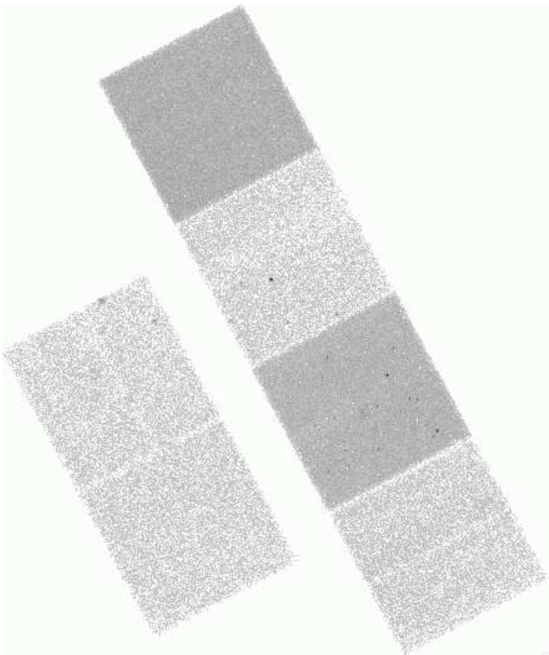
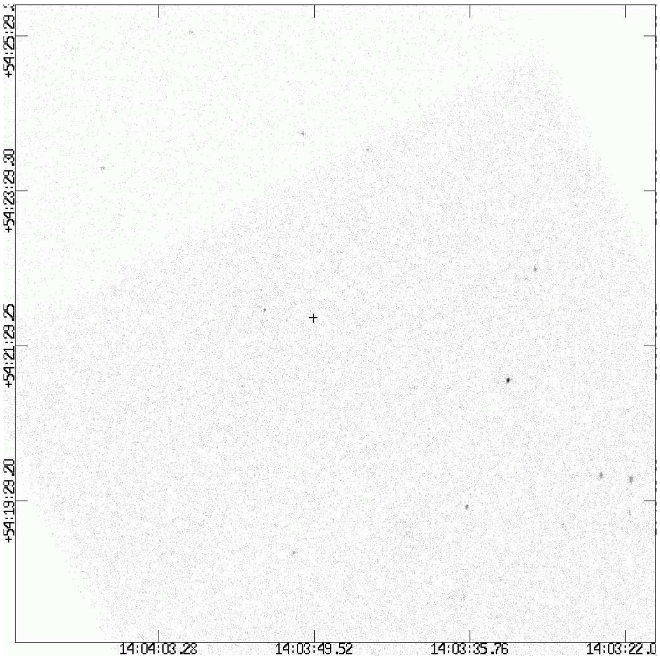
acisf04737N002 full img2.fits



acisf04737N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-16T10:01:21 | Date and time of file creation |
| DATE-OBS | 2005-01-01T14:30:54 | Observation start date |
| DATE-END | 2005-01-01T21:08:09 | Observation end date |
| RA_PNT | 210.9565994181 | Pointing RA |
| DEC_PNT | 54.36415445357 | Pointing Dec |
| ROLL_PNT | 61.926115182454 | Pointing Roll |
| RA_TARG | 210.950833 | Observer's specified target RA |
| DEC_TARG | 54.361389 | Observer's specified target Dec |
| DATAMODE | VFAINT | 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 | 2006-03-16T10:28:42 | Date and time of file creation |
| DATE-OBS | 2005-01-01T14:30:54 | Observation start date |
| DATE-END | 2005-01-01T21:08:09 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | M101 | Source name |
| TITLE | An Ultra-Deep Study of M101 | Proposal title |
| OBSERVER | Dr. K. Kuntz | Principal investigator |
| OBS_ID | 4737 | Observation id |
| SEQ_NUM | 600392 | Sequence number |
| RA_NOM | 210.9565994181 | Nominal RA |
| DEC_NOM | 54.36415445357 | Nominal Dec |
| ROLL_NOM | 61.926115182454 | Nominal Roll |

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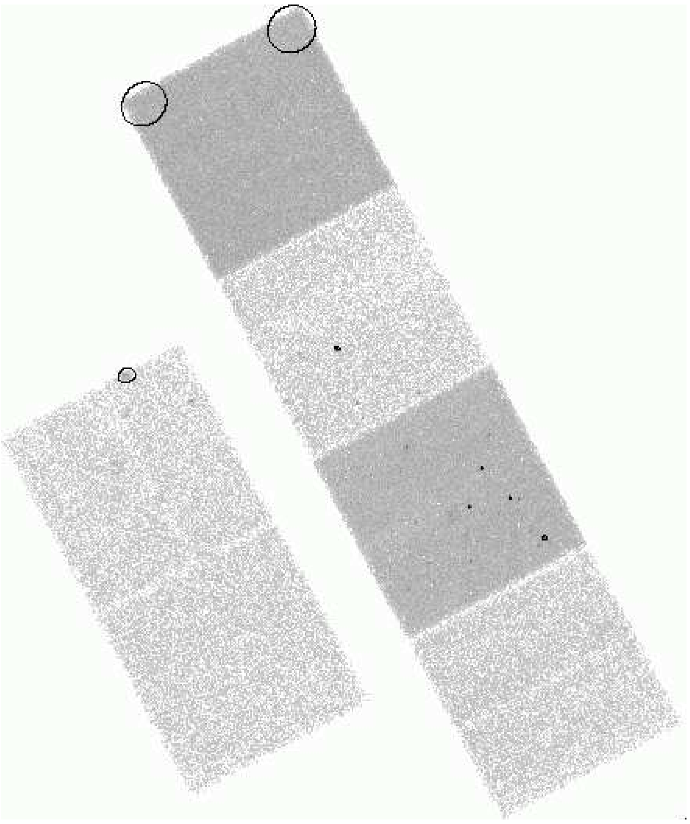
## Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 210.884860 | 54.350771 | 1367.285767 | 40.971336 | 33.371761 |
| 211.058970 | 54.434577 | 694.708313 | 32.411762 | 21.433834 |
| 211.059257 | 54.434735 | 605.318176 | 31.702951 | 19.093433 |
| 210.809436 | 54.301849 | 276.977509 | 21.166288 | 13.085785 |
| 211.294045 | 54.605580 | 663.943542 | 54.116131 | 12.268866 |
| 210.900053 | 54.323563 | 152.636368 | 14.155576 | 10.782773 |
| 210.850725 | 54.330253 | 139.571426 | 14.705264 | 9.491257 |
| 211.313491 | 54.415077 | 159.867111 | 17.287979 | 9.247299 |
| 210.974339 | 54.365904 | 117.857140 | 12.794890 | 9.211267 |
| 211.115133 | 54.658610 | 503.411957 | 56.043766 | 8.982479 |