# Chandra X-ray Center

Seq Num: 600388

Instrument: ACIS

Obs ID: 4733

Source: M101

PI: Dr. K. Kuntz

Title: An Ultra-Deep Study of M101

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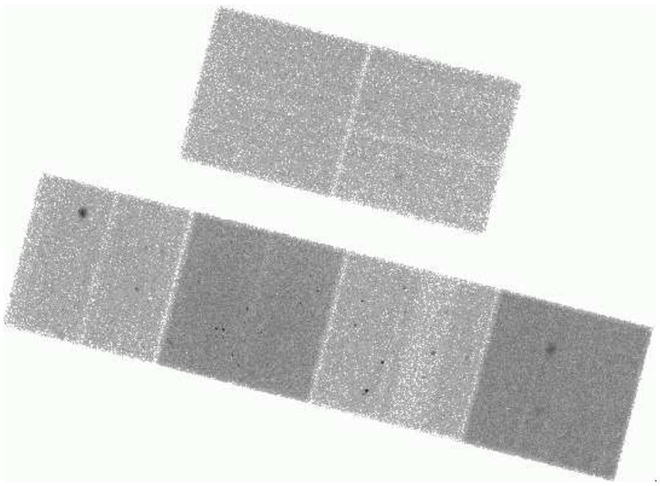
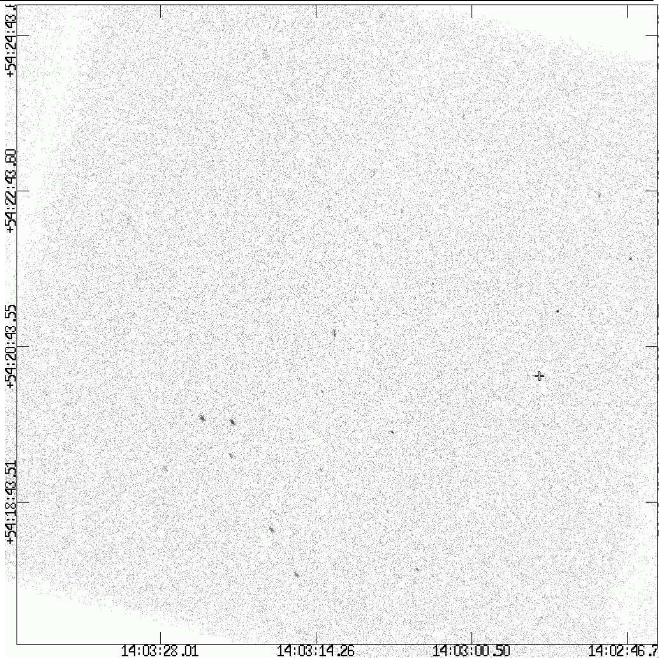
acisf04733N002 full img2.fits



acisf04733N002 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-18T19:23:18 | Date and time of file creation |
| DATE-OBS | 2004-05-07T13:29:38 | Observation start date |
| DATE-END | 2004-05-07T21:07:13 | Observation end date |
| RA_PNT | 210.72705066104 | Pointing RA |
| DEC_PNT | 54.339242728678 | Pointing Dec |
| ROLL_PNT | 194.29179771128 | Pointing Roll |
| RA_TARG | 210.80375 | Observer's specified target RA |
| DEC_TARG | 54.348778 | Observer's specified target Dec |
| DATAMODE | VFAINT | 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 | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-18T20:05:33 | Date and time of file creation |
| DATE-OBS | 2004-05-07T13:29:38 | Observation start date |
| DATE-END | 2004-05-07T21:07:13 | 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 | 4733 | Observation id |
| SEQ_NUM | 600388 | Sequence number |
| RA_NOM | 210.72705066104 | Nominal RA |
| DEC_NOM | 54.339242728678 | Nominal Dec |
| ROLL_NOM | 194.29179771128 | Nominal Roll |

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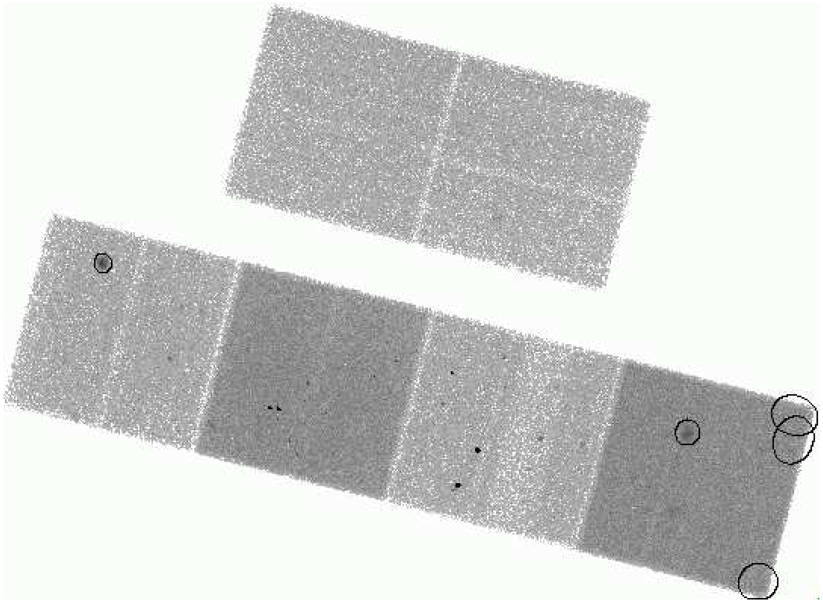
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 211.059069 | 54.434334 | 991.707642 | 43.022709 | 23.050795 |
| 210.199770 | 54.323413 | 895.282410 | 63.209980 | 14.163624 |
| 210.593330 | 54.299531 | 279.791656 | 19.804262 | 14.127851 |
| 210.246795 | 54.202863 | 741.936890 | 54.576073 | 13.594544 |
| 210.332879 | 54.311531 | 719.215698 | 54.261292 | 13.254673 |
| 210.617935 | 54.274064 | 280.375000 | 22.976952 | 12.202445 |
| 210.839690 | 54.329317 | 223.714279 | 18.454691 | 12.122354 |
| 210.624686 | 54.355243 | 181.590912 | 16.007290 | 11.344263 |
| 210.850808 | 54.330237 | 191.714279 | 17.506990 | 10.950727 |
| 210.201597 | 54.305662 | 648.059814 | 66.845726 | 9.694859 |