# Chandra X-ray Center

Seq Num: 900344

Instrument: ACIS

Obs ID: 5038

Source: MS30.7

PI: Prof Joel Bregman

Title: The Missing Baryons in the Local Group

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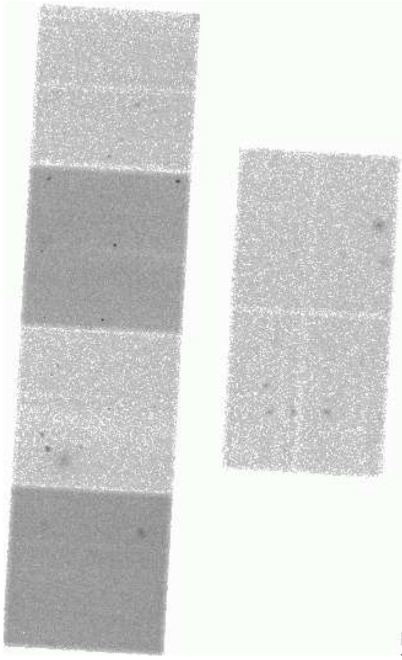
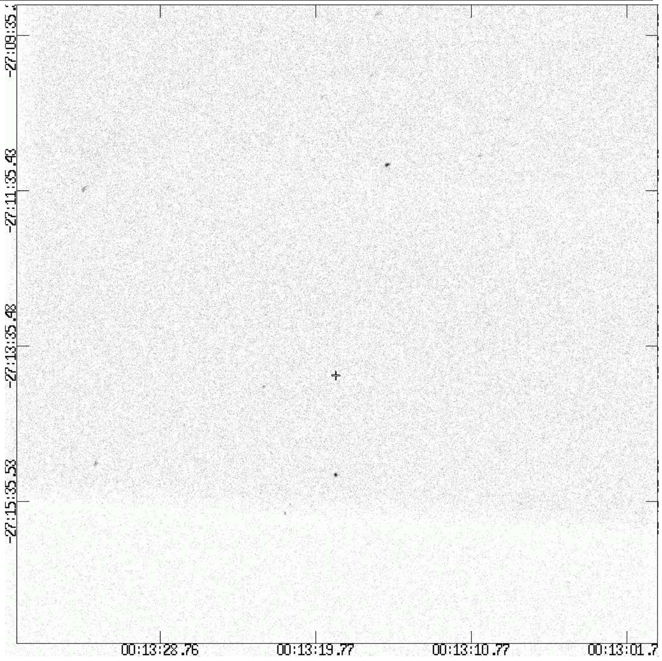
acisf05038N002 full img2.fits



acisf05038N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | ASCDS version number |
| DATE | 2006-02-19T20:15:59 | Date and time of file creation |
| DATE-OBS | 2005-01-25T12:41:49 | Observation start date |
| DATE-END | 2005-01-26T03:07:22 | Observation end date |
| RA_PNT | 3.3274525184893 | Pointing RA |
| DEC_PNT | -27.232910726351 | Pointing Dec |
| ROLL_PNT | 273.25704434112 | Pointing Roll |
| RA_TARG | 3.32875 | Observer's specified target RA |
| DEC_TARG | -27.223333 | Observer's specified target Dec |
| DATAMODE | FAINT | 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 | ASCDS version number |
| DATE | 2006-02-19T21:20:45 | Date and time of file creation |
| DATE-OBS | 2005-01-25T12:41:49 | Observation start date |
| DATE-END | 2005-01-26T03:07:22 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | MS30.7 | Source name |
| TITLE | The Missing Baryons in the Local Group | Proposal title |
| OBSERVER | Prof Joel Bregman | Principal investigator |
| OBS_ID | 5038 | Observation id |
| SEQ_NUM | 900344 | Sequence number |
| RA_NOM | 3.3274525184893 | Nominal RA |
| DEC_NOM | -27.232910726351 | Nominal Dec |
| ROLL_NOM | 273.25704434112 | Nominal Roll |

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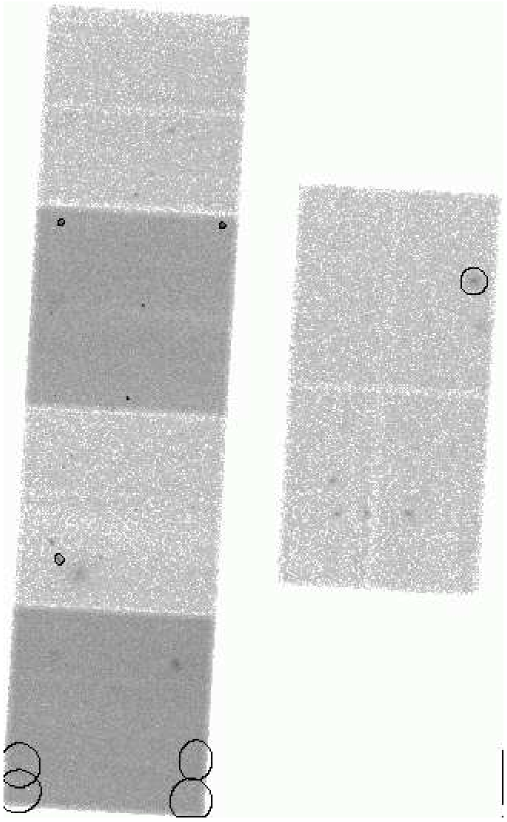
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 3.327424 | -27.254167 | 1150.142822 | 36.201069 | 31.770966 |
| 3.314982 | -27.187637 | 1004.285706 | 37.038746 | 27.114464 |
| 3.277130 | -27.540323 | 1624.328857 | 75.060066 | 21.640387 |
| 3.252329 | -27.131055 | 609.096558 | 31.743315 | 19.188185 |
| 3.415086 | -27.533661 | 1382.518311 | 72.132629 | 19.166336 |
| 3.414560 | -27.515231 | 1111.258911 | 77.368370 | 14.363220 |
| 3.051489 | -27.170789 | 539.324158 | 40.050285 | 13.466174 |
| 3.382660 | -27.368653 | 302.477264 | 22.975008 | 13.165491 |
| 3.381203 | -27.128747 | 308.889648 | 25.139931 | 12.286814 |
| 3.273522 | -27.511697 | 805.416687 | 71.944084 | 11.195037 |