# Chandra X-ray Center

Seq Num: 590317

Instrument: HRC

Obs ID: 3705

Source: CAS A

PI: Dr. CXC Calibration

Title: AO4B OBSERVATIONS OF THE STANDARD CANDLES CAS A AND G21.5-09

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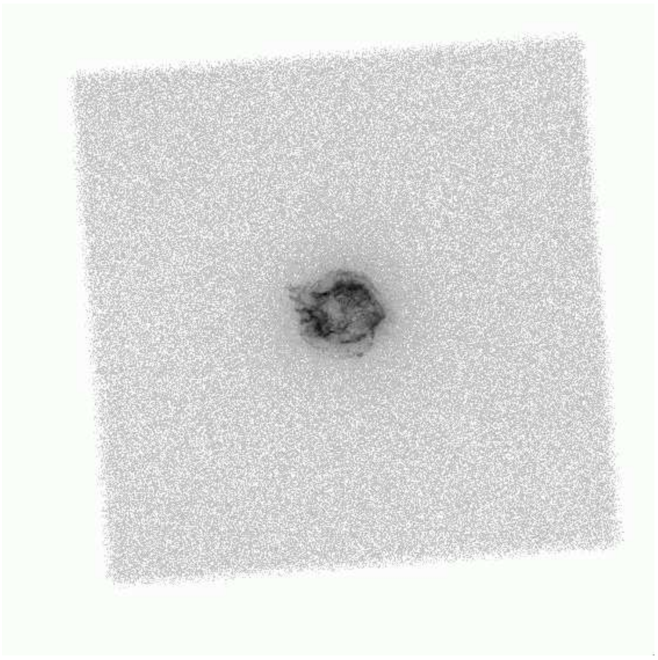
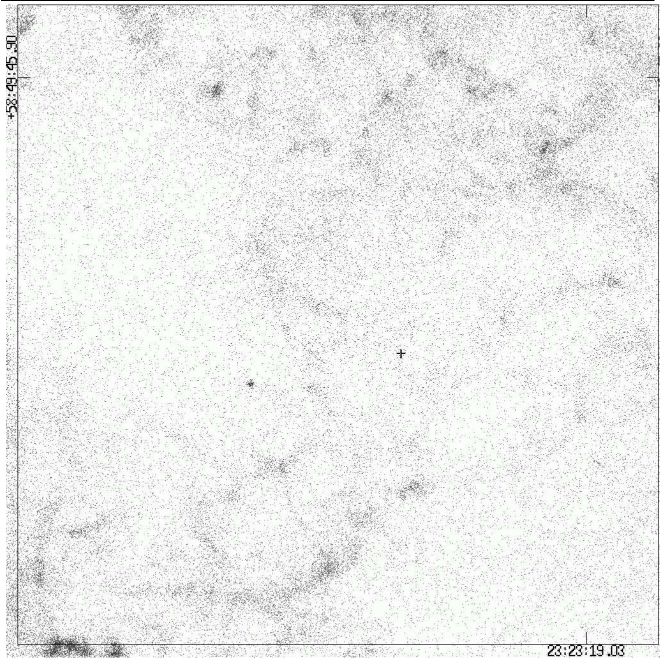
hrcf03705N003 full img2.fits



hrcf03705N003 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-23T20:21:08 | Date and time of file creation |
| DATE-OBS | 2003-10-19T10:45:11 | Observation start date |
| DATE-END | 2003-10-19T12:35:35 | Observation end date |
| RA_PNT | 350.84983388727 | Pointing RA |
| DEC_PNT | 58.813560807856 | Pointing Dec |
| ROLL_PNT | 220.67035200264 | Pointing Roll |
| RA_TARG | 350.8575 | Observer's specified target RA |
| DEC_TARG | 58.814833 | Observer's specified target Dec |
| DEGAP | hrciD1999-07-22gaplookupN0003.fits | |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-23T20:34:23 | Date and time of file creation |
| DATE-OBS | 2003-10-19T10:45:11 | Observation start date |
| DATE-END | 2003-10-19T12:35:35 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-I | Detector |
| GRATING | NONE | Grating |
| OBJECT | CAS A | Source name |
| TITLE | AO4B OBSERVATIONS OF THE STANDARD CANDLES CAS A AND G21.5-09 | Propo |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 3705 | Observation id |
| SEQ_NUM | 590317 | Sequence number |
| RA_NOM | 350.84983388727 | Nominal RA |
| DEC_NOM | 58.813560807856 | Nominal Dec |
| ROLL_NOM | 220.67035200264 | Nominal Roll |

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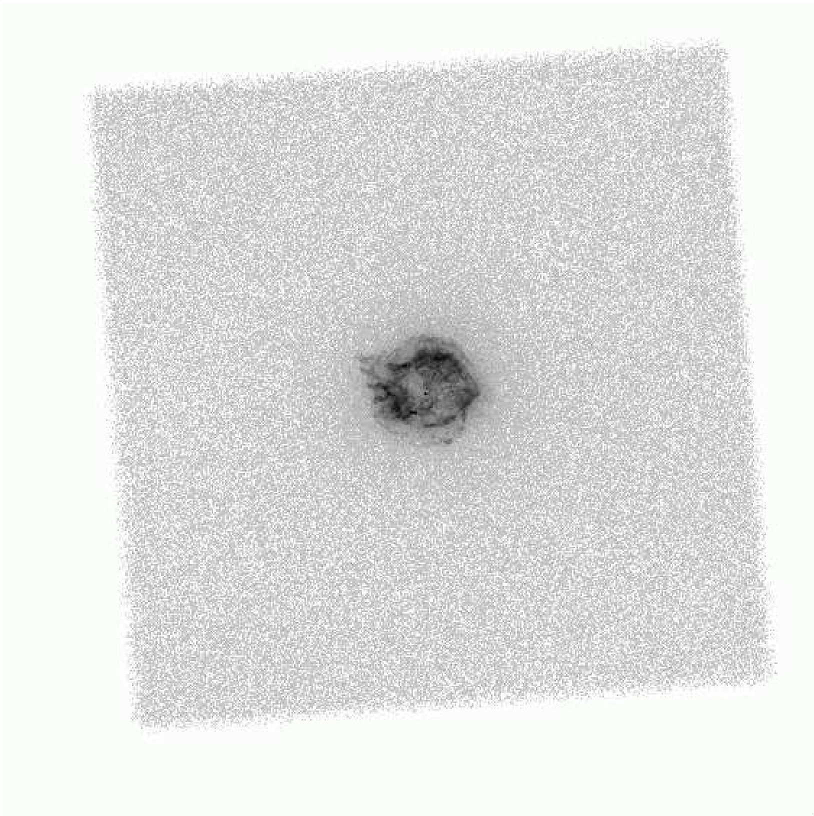
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 350.853229 | 58.840605 | 308.363647 | 28.947474 | 10.652523 |
| 350.848605 | 58.839972 | 331.272736 | 32.700951 | 10.130370 |
| 350.866462 | 58.811846 | 113.166664 | 13.872710 | 8.157502 |
| 350.881272 | 58.796410 | 184.784088 | 24.992624 | 7.393545 |
| 350.886307 | 58.796836 | 191.079544 | 27.057764 | 7.061912 |
| 350.888001 | 58.796654 | 198.181824 | 28.497963 | 6.954245 |
| 350.837504 | 58.841240 | 153.943176 | 24.411558 | 6.306159 |
| 350.891797 | 58.834881 | 128.727280 | 21.669008 | 5.940617 |
| 350.857600 | 58.834418 | 119.375000 | 20.316025 | 5.875904 |
| 350.922231 | 58.812107 | 179.000000 | 30.573647 | 5.854715 |