# Chandra X-ray Center

Seq Num: 600241

Instrument: HRC

Obs ID: 2904

Source: M31-CORE

PI: Dr. MICHAEL GARCIA

Title: SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST

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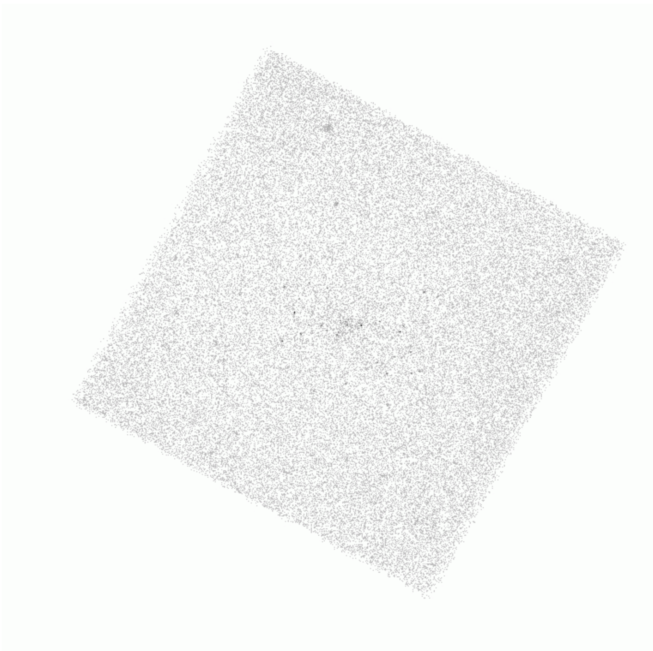
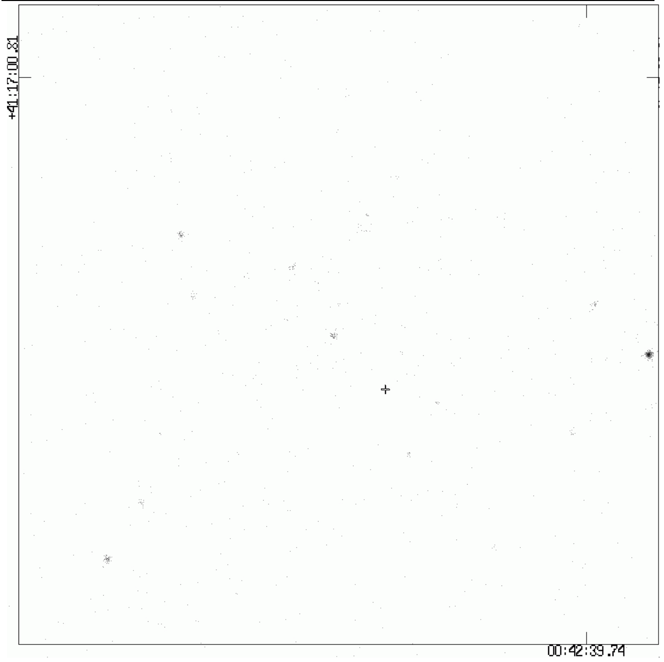
hrcf02904N003 full img2.fits



hrcf02904N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-20T20:10:33 | Date and time of file creation |
| DATE-OBS | 2001-11-19T21:02:35 | Observation start date |
| DATE-END | 2001-11-19T21:27:45 | Observation end date |
| RA_PNT | 10.680941467322 | Pointing RA |
| DEC_PNT | 41.265641779695 | Pointing Dec |
| ROLL_PNT | 253.89811059338 | Pointing Roll |
| RA_TARG | 10.685 | Observer's specified target RA |
| DEC_TARG | 41.268972 | 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 | 2007-11-20T20:18:59 | Date and time of file creation |
| DATE-OBS | 2001-11-19T21:02:35 | Observation start date |
| DATE-END | 2001-11-19T21:27:45 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-I | Detector |
| GRATING | NONE | Grating |
| OBJECT | M31-CORE | Source name |
| TITLE | SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST | Proposa |
| OBSERVER | Dr. MICHAEL GARCIA | Principal investigator |
| OBS_ID | 2904 | Observation id |
| SEQ_NUM | 600241 | Sequence number |
| RA_NOM | 10.680941467322 | Nominal RA |
| DEC_NOM | 41.265641779695 | Nominal Dec |
| ROLL_NOM | 253.89811059338 | Nominal Roll |

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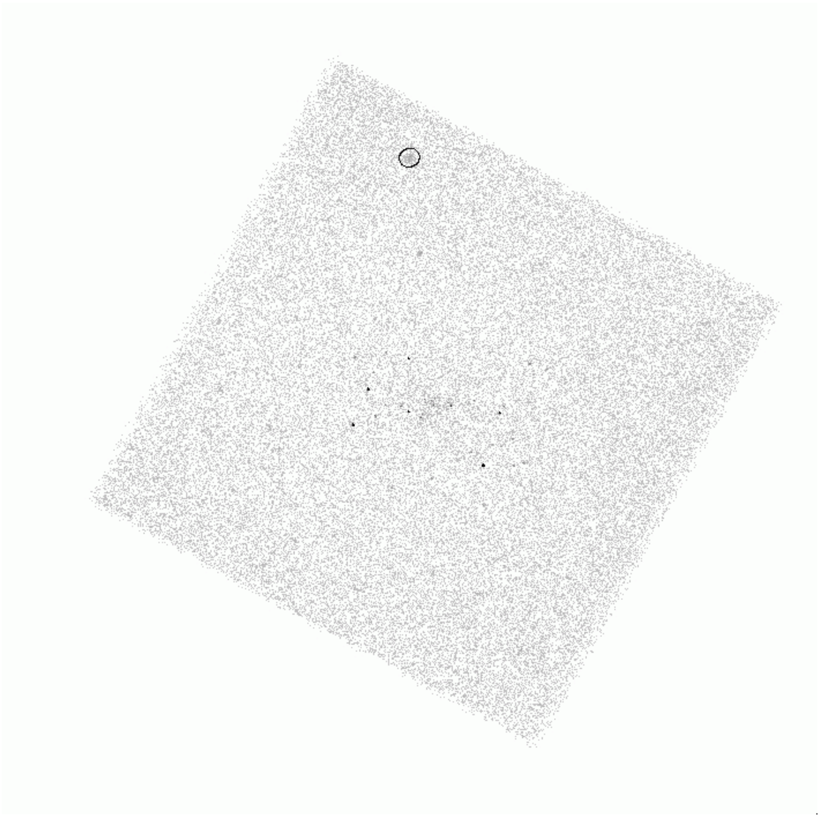
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 10.660759 | 41.267653 | 266.708344 | 18.012133 | 14.807149 |
| 10.773564 | 41.284192 | 190.000000 | 15.896060 | 11.952647 |
| 10.595636 | 41.259785 | 83.692497 | 10.861229 | 7.705620 |
| 10.718869 | 41.315075 | 56.000000 | 8.704404 | 6.433525 |
| 10.718814 | 41.261104 | 55.477272 | 9.456991 | 5.866271 |
| 10.702159 | 41.255929 | 49.916668 | 8.714563 | 5.727960 |
| 10.717967 | 41.518831 | 88.441376 | 16.099283 | 5.493498 |
| 10.617786 | 41.206459 | 41.958332 | 7.989588 | 5.251626 |
| 10.728805 | 41.267570 | 41.000000 | 7.837658 | 5.231154 |
| 10.794138 | 41.247615 | 44.750000 | 9.010270 | 4.966555 |