# Chandra X-ray Center

Seq Num: 701167

Instrument: ACIS

Obs ID: 5745

Source: M87

PI: Dr. John Biretta

Title: The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)

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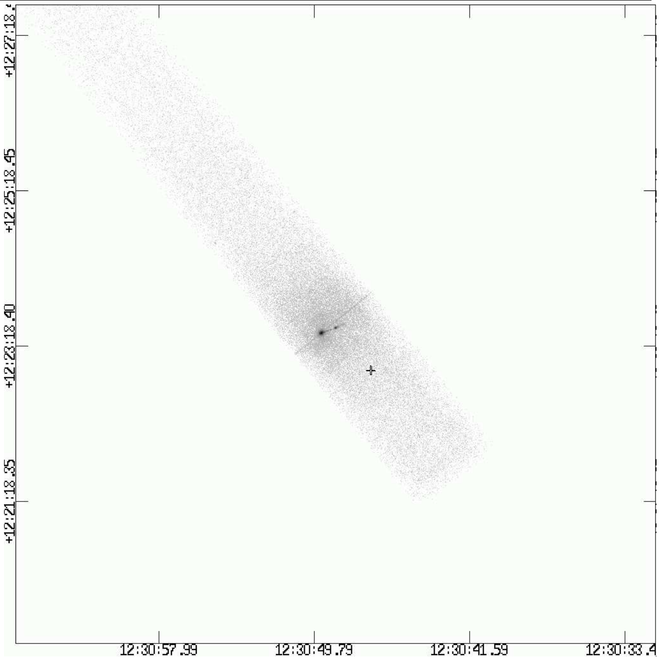
| acisf05745N002 full img2.fits | acisf05745N002 cntr img2.fits |
| --- | --- |



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | ASCDS version number |
| DATE | 2006-03-03T06:26:54 | Date and time of file creation |
| DATE-OBS | 2005-05-04T22:58:04 | Observation start date |
| DATE-END | 2005-05-05T00:50:58 | Observation end date |
| RA_PNT | 187.69493962273 | Pointing RA |
| DEC_PNT | 12.383167033292 | Pointing Dec |
| ROLL_PNT | 230.93340733826 | Pointing Roll |
| RA_TARG | 187.704167 | Observer's specified target RA |
| DEC_TARG | 12.391667 | 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 | 2006-03-03T06:50:37 | Date and time of file creation |
| DATE-OBS | 2005-05-04T22:58:04 | Observation start date |
| DATE-END | 2005-05-05T00:50:58 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-7 | Detector |
| GRATING | NONE | Grating |
| OBJECT | M87 | Source name |
| TITLE | The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring) | Pro |
| OBSERVER | Dr. John Biretta | Principal investigator |
| OBS_ID | 5745 | Observation id |
| SEQ_NUM | 701167 | Sequence number |
| RA_NOM | 187.69493962273 | Nominal RA |
| DEC_NOM | 12.383167033292 | Nominal Dec |
| ROLL_NOM | 230.93340733826 | Nominal Roll |

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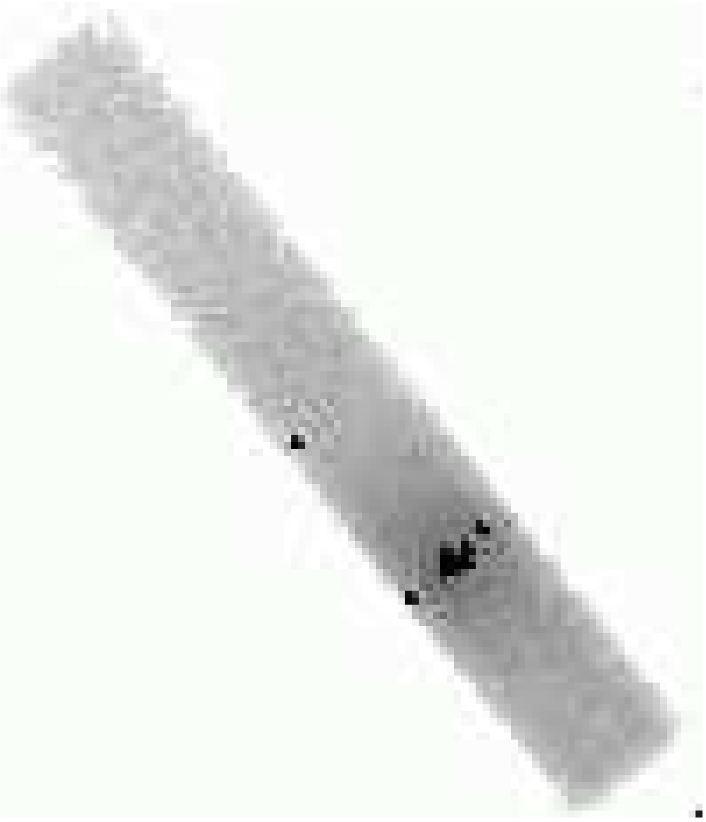
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 187.705787 | 12.391292 | 5192.856934 | 90.705002 | 57.249950 |
| 187.702583 | 12.392412 | 1006.571411 | 39.323681 | 25.597080 |
| 187.704488 | 12.391656 | 120.428574 | 27.757164 | 4.338648 |
| 187.703667 | 12.391938 | 82.285713 | 21.350491 | 3.854043 |
| 187.700500 | 12.397363 | 48.857143 | 12.721213 | 3.840604 |
| 187.702472 | 12.394041 | 59.285713 | 16.526218 | 3.587373 |
| 187.698338 | 12.397083 | 46.714287 | 14.019996 | 3.331976 |
| 187.711139 | 12.386995 | 26.571428 | 8.090422 | 3.284307 |
| 187.729144 | 12.410693 | 22.477272 | 7.172326 | 3.133889 |
| 187.705282 | 12.393206 | 58.000000 | 18.525667 | 3.130791 |