# Chandra X-ray Center

Seq Num: 700575

Instrument: ACIS

Obs ID: 3136

Source: NGC2146

PI: Dr Hironori Matsumoto

Title: SEARCH FOR AN INTERMEDIATE MASS BLACK HOLE IN THE STARBURST GALAXY NGC2146

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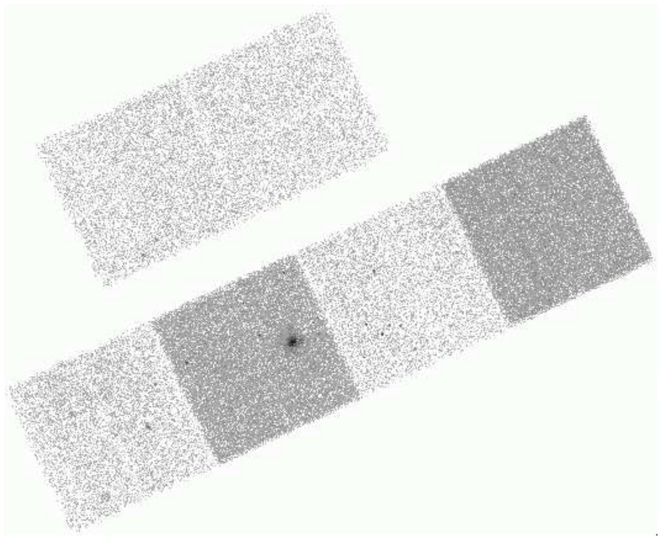
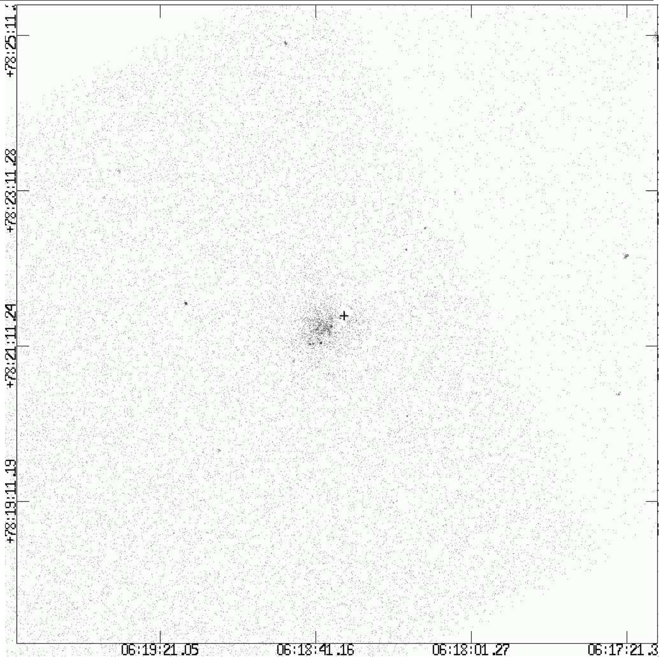
acisf03136N002 full img2.fits



acisf03136N002 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-14T20:32:40 | Date and time of file creation |
| DATE-OBS | 2002-12-05T12:29:10 | Observation start date |
| DATE-END | 2002-12-05T15:45:38 | Observation end date |
| RA_PNT | 94.640896927239 | Pointing RA |
| DEC_PNT | 78.359819229749 | Pointing Dec |
| ROLL_PNT | 154.71186879254 | Pointing Roll |
| RA_TARG | 94.655417 | Observer's specified target RA |
| DEC_TARG | 78.356556 | Observer's specified target Dec |
| DATAMODE | FAINT | 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 | 7.6.9 | ASCDS version number |
| DATE | 2006-10-14T20:54:59 | Date and time of file creation |
| DATE-OBS | 2002-12-05T12:29:10 | Observation start date |
| DATE-END | 2002-12-05T15:45:38 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | NGC2146 | Source name |
| TITLE | SEARCH FOR AN INTERMEDIATE MASS BLACK HOLE IN THE STARBURST GALAXY NGC2146 | Proposal title |
| OBSERVER | Dr Hironori Matsumoto | Principal investigator |
| OBS_ID | 3136 | Observation id |
| SEQ_NUM | 700575 | Sequence number |
| RA_NOM | 94.640896927239 | Nominal RA |
| DEC_NOM | 78.359819229749 | Nominal Dec |
| ROLL_NOM | 154.71186879254 | Nominal Roll |

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Instrument: ACIS Obs ID: 3136
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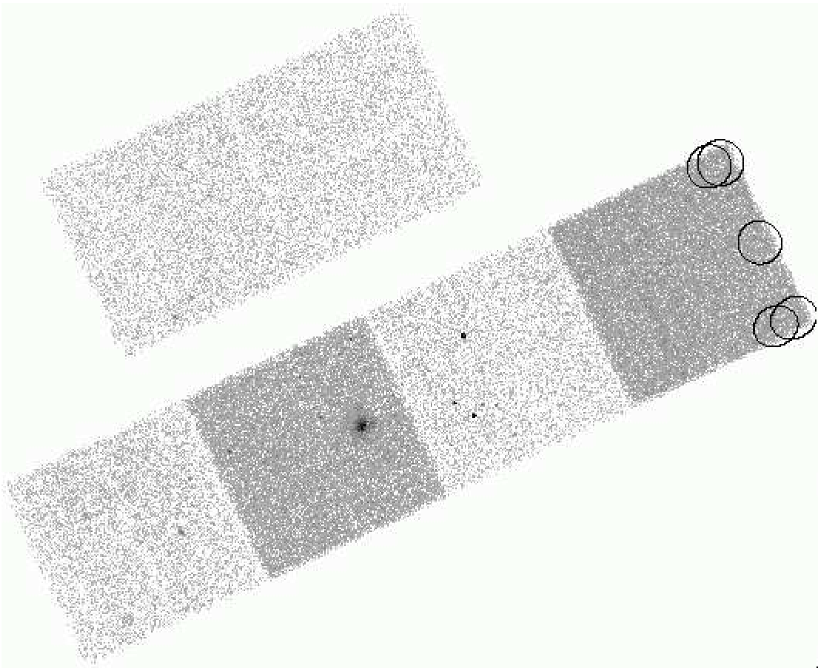
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 93.140897 | 78.428848 | 248.249176 | 33.125549 | 7.494191 |
| 93.388068 | 78.540130 | 262.122925 | 35.184914 | 7.449867 |
| 94.665089 | 78.354011 | 81.000000 | 11.596150 | 6.985077 |
| 94.271110 | 78.363493 | 67.285713 | 10.749776 | 6.259267 |
| 94.808601 | 78.362474 | 60.571430 | 10.212642 | 5.931025 |
| 94.340808 | 78.372486 | 53.318180 | 9.083684 | 5.869665 |
| 93.255010 | 78.482932 | 188.427673 | 33.808613 | 5.573363 |
| 94.306333 | 78.419829 | 51.791668 | 9.299286 | 5.569424 |
| 93.205319 | 78.423446 | 185.704468 | 34.061691 | 5.452004 |
| 93.428318 | 78.537616 | 185.341064 | 34.724804 | 5.337426 |