# Chandra X-ray Center

Seq Num: 800496

Instrument: ACIS

Obs ID: 5783

Source: IC 1531

PI: Dr Alastair Sanderson

Title: Fossil groups in the local Universe

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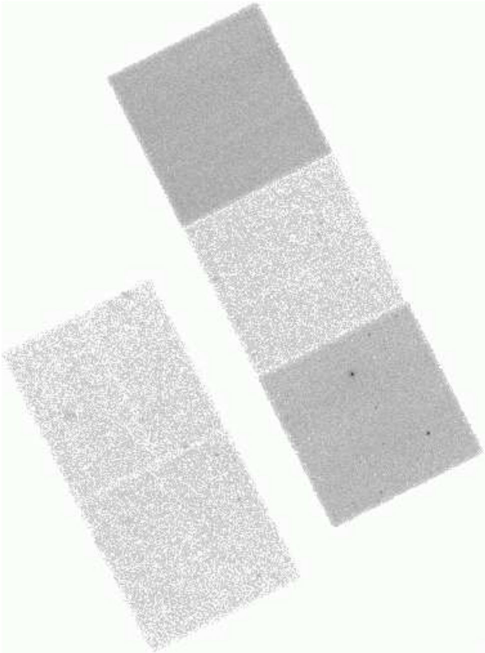
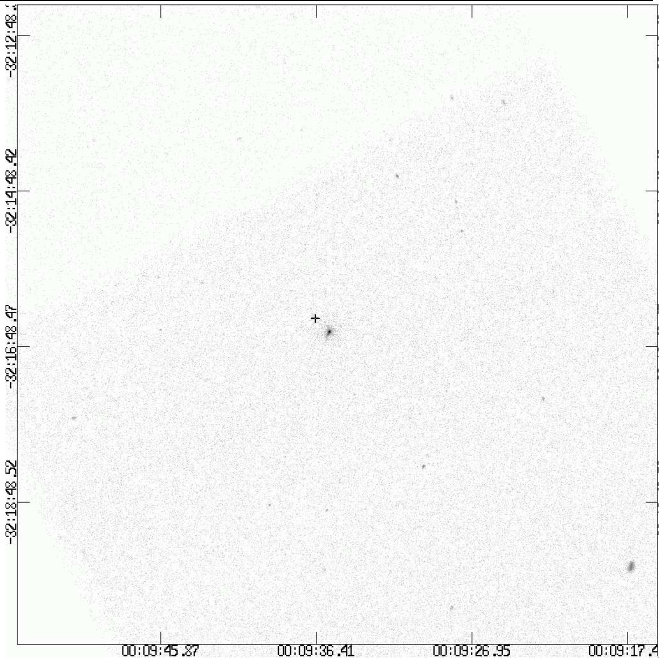
acisf05783N002 full img2.fits



acisf05783N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-20T13:17:28 | Date and time of file creation |
| DATE-OBS | 2005-08-21T02:37:50 | Observation start date |
| DATE-END | 2005-08-21T14:14:29 | Observation end date |
| RA_PNT | 2.4018297329827 | Pointing RA |
| DEC_PNT | -32.274129576196 | Pointing Dec |
| ROLL_PNT | 63.238361381949 | Pointing Roll |
| RA_TARG | 2.397917 | Observer's specified target RA |
| DEC_TARG | -32.276944 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-20T14:39:49 | Date and time of file creation |
| DATE-OBS | 2005-08-21T02:37:50 | Observation start date |
| DATE-END | 2005-08-21T14:14:29 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-23567 | Detector |
| GRATING | NONE | Grating |
| OBJECT | IC 1531 | Source name |
| TITLE | Fossil groups in the local Universe | Proposal title |
| OBSERVER | Dr Alastair Sanderson | Principal investigator |
| OBS_ID | 5783 | Observation id |
| SEQ_NUM | 800496 | Sequence number |
| RA_NOM | 2.4018297329827 | Nominal RA |
| DEC_NOM | -32.274129576196 | Nominal Dec |
| ROLL_NOM | 63.238361381949 | Nominal Roll |

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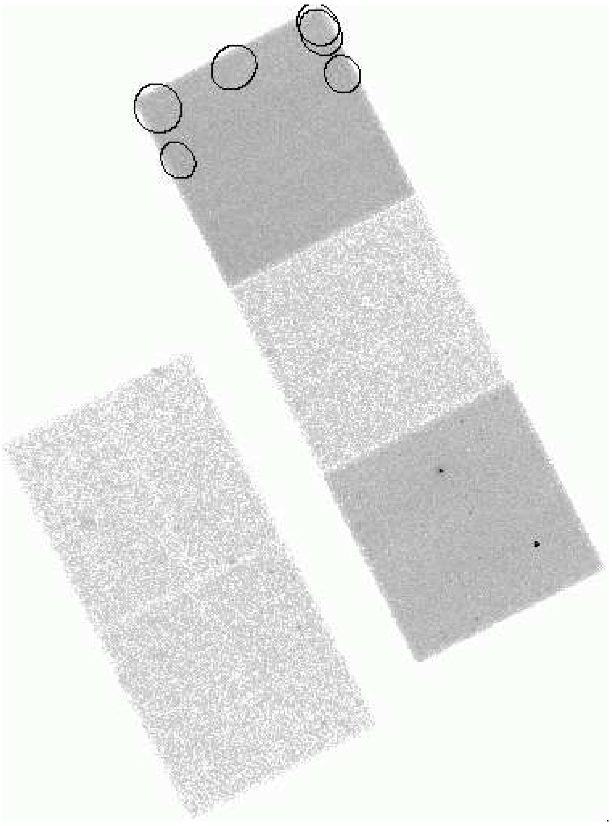
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 2.398238 | -32.277000 | 3415.571533 | 66.768692 | 51.155281 |
| 2.321694 | -32.327288 | 1083.541626 | 36.769581 | 29.468426 |
| 2.625278 | -32.031241 | 996.455139 | 69.796799 | 14.276517 |
| 2.496889 | -31.974640 | 609.046509 | 54.676735 | 11.139043 |
| 2.374372 | -32.305796 | 170.428574 | 15.455769 | 11.026858 |
| 2.381076 | -32.243612 | 152.857147 | 15.068610 | 10.144077 |
| 2.564518 | -32.003590 | 541.177673 | 65.333984 | 8.283250 |
| 2.609373 | -32.066531 | 423.715912 | 55.486263 | 7.636411 |
| 2.494871 | -31.979953 | 461.704468 | 60.479336 | 7.634086 |
| 2.477371 | -32.008244 | 434.159088 | 56.887333 | 7.631911 |