# Chandra X-ray Center

Seq Num: 800490

Instrument: ACIS

Obs ID: 5777

Source: cl0159+0030

PI: Dr. Stephen Murray

Title: Chandra observations of high-redshift clusters of galaxies from the 400 Square Degrees ROSAT PSPC survey

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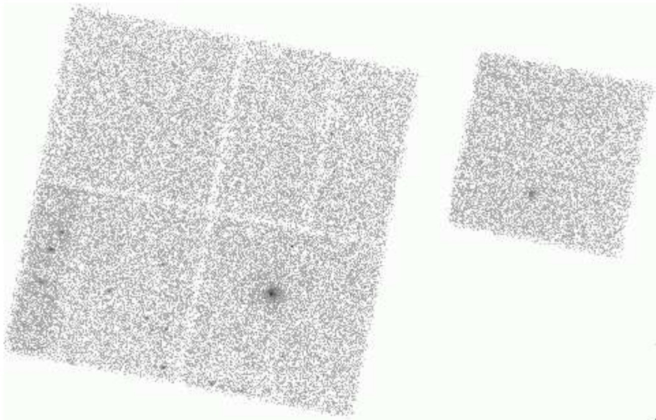
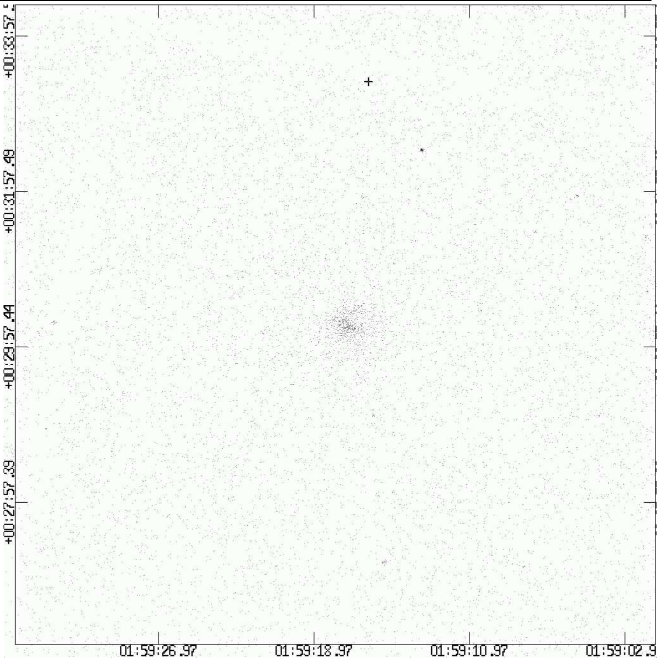
| acisf05777N002 full img2.fits | acisf05777N002 cntr img2.fits |
|---|---|





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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-23T18:57:23 | Date and time of file creation |
| DATE-OBS | 2005-09-02T06:40:12 | Observation start date |
| DATE-END | 2005-09-02T12:47:41 | Observation end date |
| RA_PNT | 29.81730529088 | Pointing RA |
| DEC_PNT | 0.55611741676817 | Pointing Dec |
| ROLL_PNT | 101.10992693299 | Pointing Roll |
| RA_TARG | 29.825833 | Observer's specified target RA |
| DEC_TARG | 0.5025 | 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 | 2006-03-23T19:40:22 | Date and time of file creation |
| DATE-OBS | 2005-09-02T06:40:12 | Observation start date |
| DATE-END | 2005-09-02T12:47:41 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | cl0159+0030 | Source name |
| TITLE | Chandra observations of high-redshift clusters of galaxies from the 400 Square Degrees ROSAT PSPC survey | Proposal title |
| OBSERVER | Dr. Stephen Murray | Principal investigator |
| OBS_ID | 5777 | Observation id |
| SEQ_NUM | 800490 | Sequence number |
| RA_NOM | 29.81730529088 | Nominal RA |
| DEC_NOM | 0.55611741676817 | Nominal Dec |
| ROLL_NOM | 101.10992693299 | Nominal Roll |

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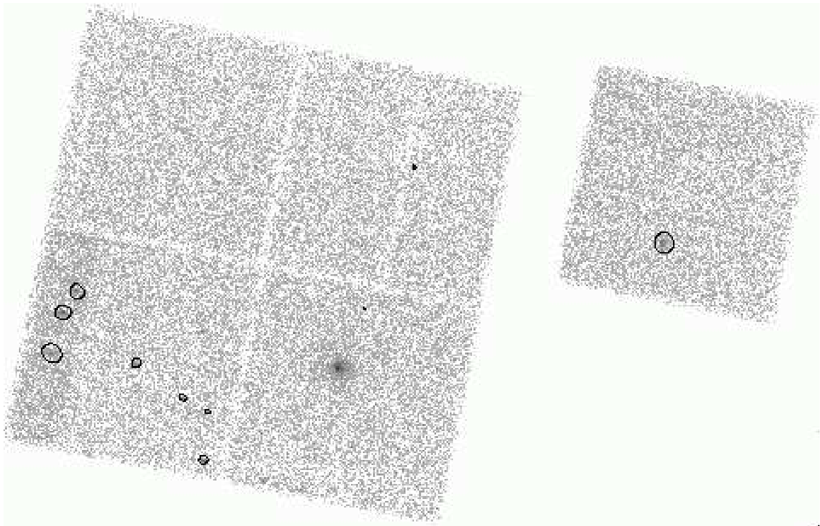
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 29.805796 | 0.541550 | 99.142860 | 11.805756 | 8.397840 |
| 29.998927 | 0.538969 | 122.136360 | 15.991562 | 7.637550 |
| 29.613236 | 0.583498 | 97.075890 | 16.938154 | 5.731197 |
| 29.908734 | 0.444460 | 60.193180 | 10.675091 | 5.638658 |
| 29.952075 | 0.506375 | 37.875000 | 8.962414 | 4.225982 |
| 29.990042 | 0.552247 | 56.386208 | 14.380625 | 3.920985 |
| 29.906253 | 0.475243 | 31.048275 | 8.143762 | 3.812522 |
| 30.006168 | 0.512793 | 62.750000 | 16.601349 | 3.779813 |
| 29.922132 | 0.484165 | 29.556818 | 7.874318 | 3.753572 |
| 29.773745 | 0.632284 | 25.916666 | 6.938414 | 3.735244 |