# Chandra X-ray Center

Seq Num: 800145

Instrument: ACIS

Obs ID: 2206

Source: ABELL 1644

PI: DR. JOSEPH MOHR

Title: INTRACLUSTER MEDIUM DEPLETION AND COOLING FLOW SURVIVAL DURING A CLUSTER MERGER IN ABELL 1644

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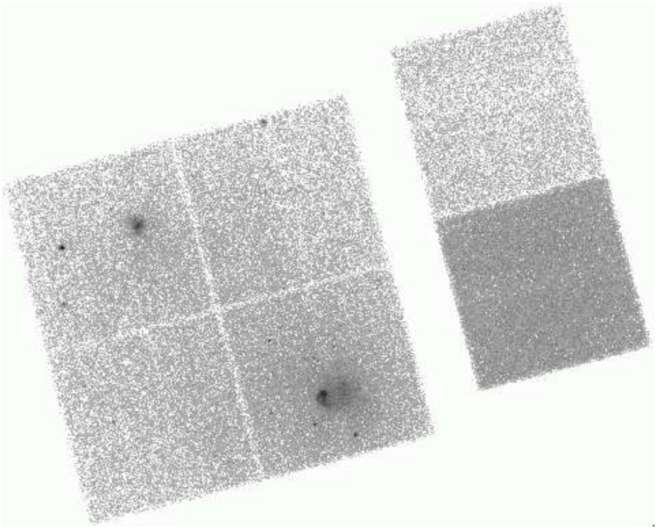
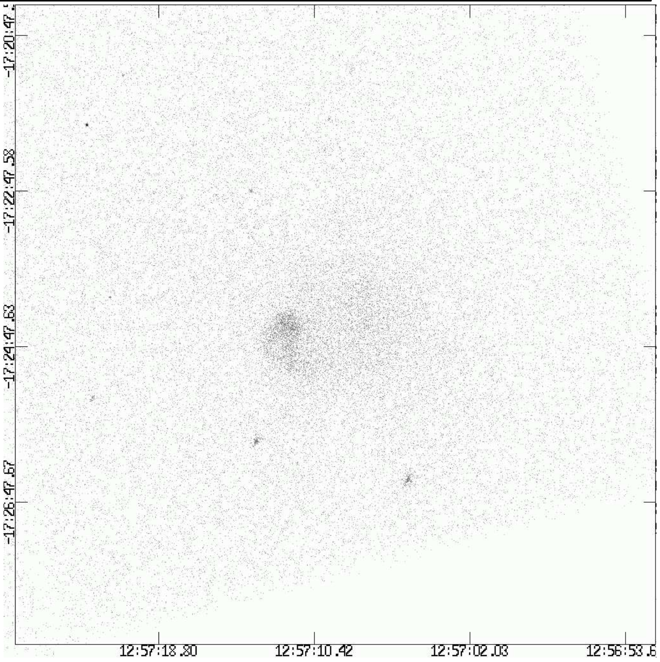
acisf02206N002 full img2.fits



acisf02206N002 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-02T15:00:38 | Date and time of file creation |
| DATE-OBS | 2001-01-08T23:37:45 | Observation start date |
| DATE-END | 2001-01-09T05:26:41 | Observation end date |
| RA_PNT | 194.37747178354 | Pointing RA |
| DEC_PNT | -17.343356579076 | Pointing Dec |
| ROLL_PNT | 75.23484991242 | Pointing Roll |
| RA_TARG | 194.29 | Observer's specified target RA |
| DEC_TARG | -17.41 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.2848053 | 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 | 2006-11-02T15:25:16 | Date and time of file creation |
| DATE-OBS | 2001-01-08T23:37:45 | Observation start date |
| DATE-END | 2001-01-09T05:26:41 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012367 | Detector |
| GRATING | NONE | Grating |
| OBJECT | ABELL 1644 | Source name |
| TITLE | INTRACLUSTER MEDIUM DEPLETION AND COOLING FLOW SURVIVAL DURING A CLUSTER MERGER IN ABELL 1644 | Proposal title |
| OBSERVER | DR. JOSEPH MOHR | Principal investigator |
| OBS_ID | 2206 | Observation id |
| SEQ_NUM | 800145 | Sequence number |
| RA_NOM | 194.37747178354 | Nominal RA |
| DEC_NOM | -17.343356579076 | Nominal Dec |
| ROLL_NOM | 75.23484991242 | Nominal Roll |

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Seq Num: 800145

Instrument: ACIS

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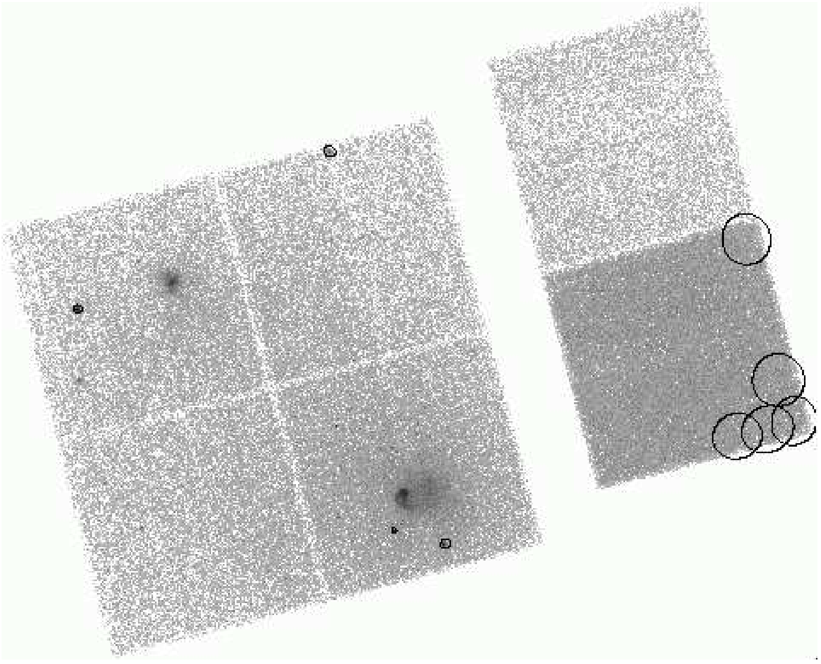
Full Field with Sources



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| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 194.518729 | -17.291145 | 409.215912 | 23.693798 | 17.271013 |
| 194.344319 | -17.365723 | 129.714279 | 12.830666 | 10.109708 |
| 194.069571 | -17.246028 | 371.196014 | 41.032055 | 9.046489 |
| 194.271749 | -17.441657 | 168.125000 | 18.798372 | 8.943594 |
| 194.349257 | -17.190088 | 123.360001 | 14.074315 | 8.764902 |
| 194.306185 | -17.433358 | 114.642502 | 14.401690 | 7.960350 |
| 194.037270 | -17.362654 | 308.365021 | 40.194099 | 7.671897 |
| 194.075331 | -17.372439 | 308.364288 | 44.511135 | 6.927801 |
| 194.047864 | -17.336431 | 304.893677 | 51.789989 | 5.887116 |
| 194.054950 | -17.367986 | 260.926910 | 45.749275 | 5.703411 |