# Chandra X-ray Center

Seq Num: 200164

Instrument: ACIS

Obs ID: 2556

Source: RCW 38

PI: Dr. Scott Wolk

Title: HIGH ENERGY EMISSION FROM THE YOUNG MASSIVE CLUSTER RCW 38

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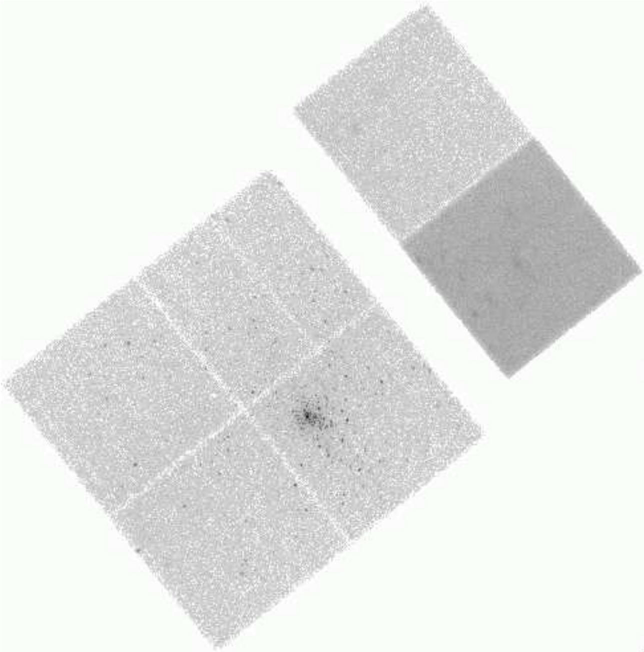
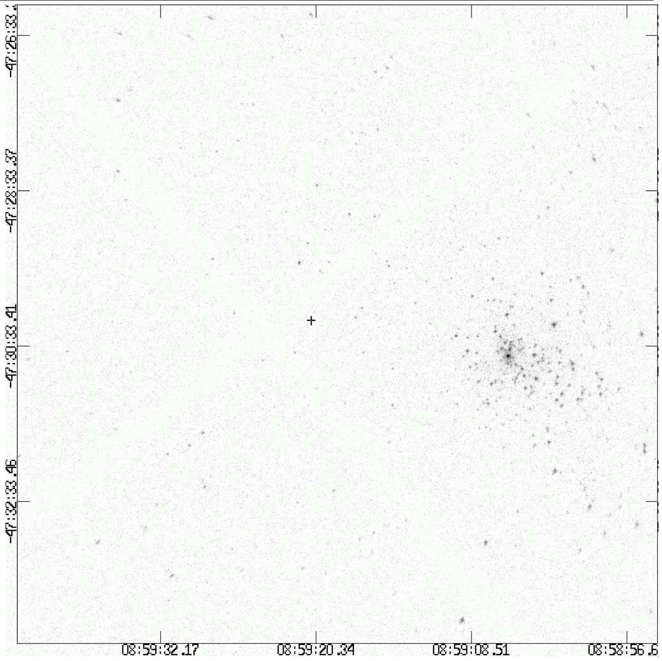
acisf02556N002 full img2.fits



acisf02556N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-01-18T05:58:02 | Date and time of file creation |
| DATE-OBS | 2001-12-10T10:14:38 | Observation start date |
| DATE-END | 2001-12-11T13:53:45 | Observation end date |
| RA_PNT | 134.83614051433 | Pointing RA |
| DEC_PNT | -47.503894566054 | Pointing Dec |
| ROLL_PNT | 51.187574937087 | Pointing Roll |
| RA_TARG | 134.83 | Observer's specified target RA |
| DEC_TARG | -47.506111 | Observer's specified target Dec |
| DATAMODE | VFAINT | 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 | 7.6.10 | ASCDS version number |
| DATE | 2007-01-18T06:35:14 | Date and time of file creation |
| DATE-OBS | 2001-12-10T10:14:38 | Observation start date |
| DATE-END | 2001-12-11T13:53:45 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012367 | Detector |
| GRATING | NONE | Grating |
| OBJECT | RCW 38 | Source name |
| TITLE | HIGH ENERGY EMISSION FROM THE YOUNG MASSIVE CLUSTER RCW 38 | Proposa |
| OBSERVER | Dr. Scott Wolk | Principal investigator |
| OBS_ID | 2556 | Observation id |
| SEQ_NUM | 200164 | Sequence number |
| RA_NOM | 134.83614051433 | Nominal RA |
| DEC_NOM | -47.503894566054 | Nominal Dec |
| ROLL_NOM | 51.187574937087 | Nominal Roll |

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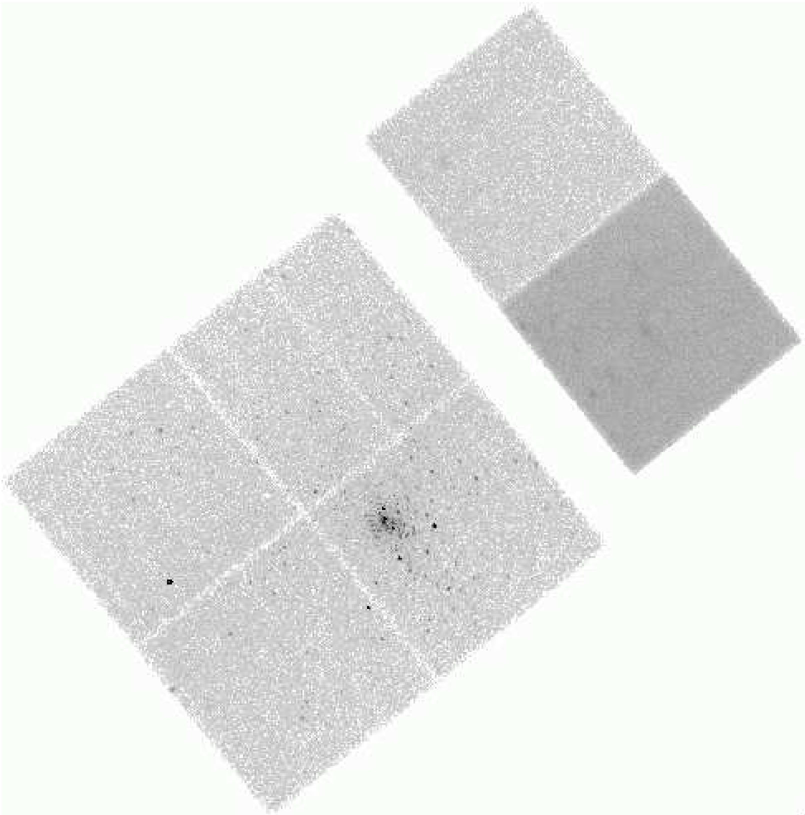
Full Field with Sources



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| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 134.773513 | -47.511436 | 6003.285645 | 86.544960 | 69.366089 |
| 134.758993 | -47.504676 | 1079.897705 | 35.338413 | 30.558750 |
| 134.724603 | -47.514282 | 670.285706 | 28.311768 | 23.675163 |
| 134.773025 | -47.509968 | 767.714294 | 34.002560 | 22.578133 |
| 134.788097 | -47.568174 | 479.142853 | 24.340776 | 19.684782 |
| 134.765261 | -47.511211 | 450.857147 | 24.755947 | 18.212074 |
| 134.764622 | -47.516240 | 442.714294 | 24.848661 | 17.816423 |
| 134.773940 | -47.502540 | 364.285706 | 21.961306 | 16.587616 |
| 134.983667 | -47.551294 | 350.309998 | 22.178986 | 15.794682 |
| 134.758696 | -47.536103 | 306.113647 | 19.400126 | 15.778952 |