# Chandra X-ray Center

Seq Num: 800066

Instrument: ACIS

Obs ID: 890

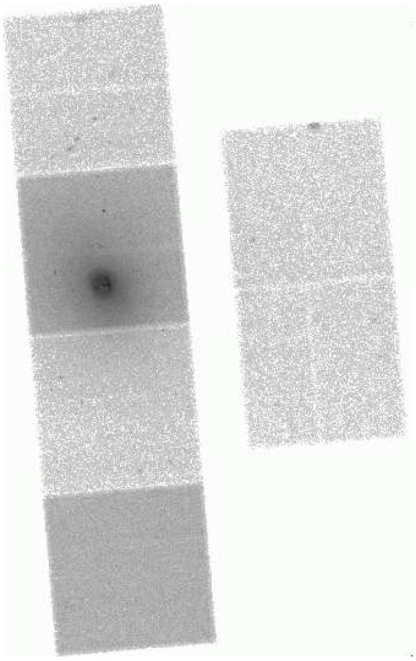
Source: A2052

PI: Dr. Craig Sarazin

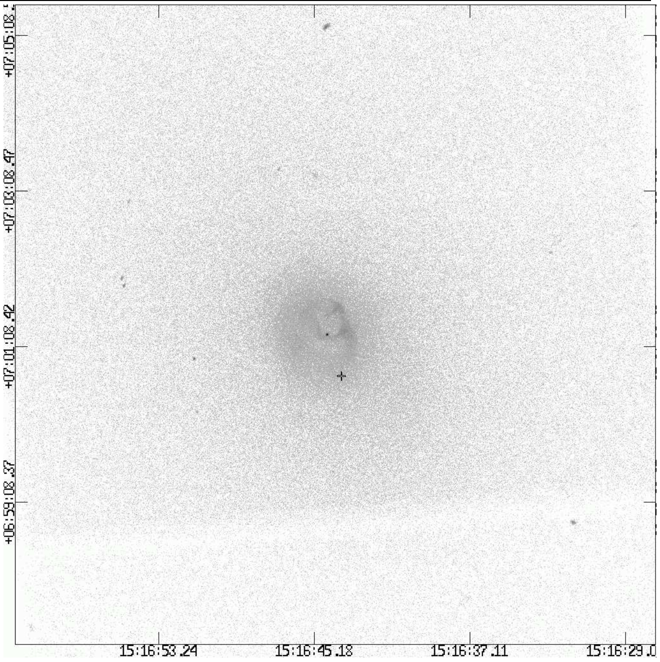
Title: THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS

---

acisf00890N002 full img2.fits



acisf00890N002 cntr img2.fits



Chandra X-ray Center Seq Num: 800066

Instrument: ACIS Obs ID: 890

Source: A2052 PI: Dr. Craig Sarazin

Title: THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS

| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-06-06T17:03:57 | Date and time of file creation |
| DATE-OBS | 2000-09-03T06:01:22 | Observation start date |
| DATE-END | 2000-09-03T16:47:25 | Observation end date |
| RA_PNT | 229.18236208194 | Pointing RA |
| DEC_PNT | 7.0126669117783 | Pointing Dec |
| ROLL_PNT | 265.13413232627 | Pointing Roll |
| RA_TARG | 229.185 | Observer's specified target RA |
| DEC_TARG | 7.022222 | 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 | 7.6.10 | ASCDS version number |
| DATE | 2007-06-06T17:56:36 | Date and time of file creation |
| DATE-OBS | 2000-09-03T06:01:22 | Observation start date |
| DATE-END | 2000-09-03T16:47:25 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | A2052 | Source name |
| TITLE | THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS | Proposal title |
| OBSERVER | Dr. Craig Sarazin | Principal investigator |
| OBS_ID | 890 | Observation id |
| SEQ_NUM | 800066 | Sequence number |
| RA_NOM | 229.18236208194 | Nominal RA |
| DEC_NOM | 7.0126669117783 | Nominal Dec |
| ROLL_NOM | 265.13413232627 | Nominal Roll |

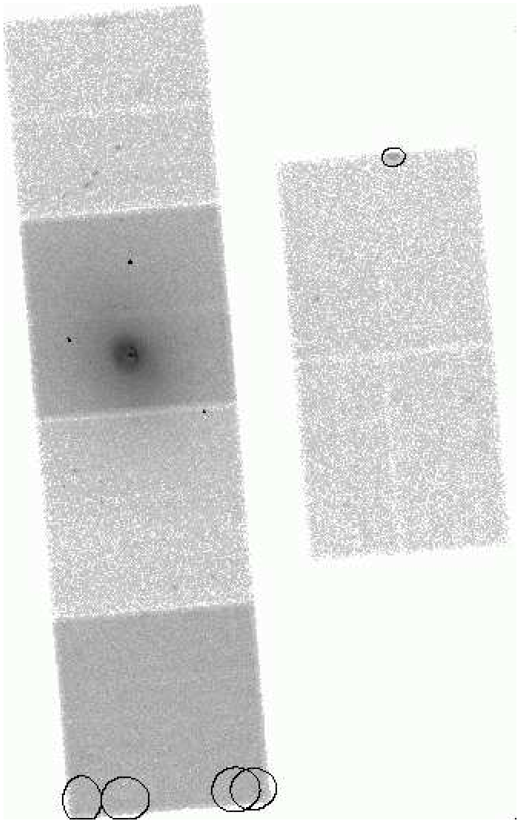
Chandra X-ray Center Seq Num: 800066

Instrument: ACIS Obs ID: 890

Source: A2052 PI: Dr. Craig Sarazin

Title: THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS

Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 229.185337 | 7.021605 | 1464.714233 | 45.251854 | 32.368050 |
| 229.185550 | 7.087570 | 606.000000 | 29.192907 | 20.758467 |
| 228.996640 | 7.162422 | 445.529419 | 26.118870 | 17.057760 |
| 229.097223 | 6.712242 | 1010.099670 | 60.319618 | 16.745790 |
| 229.214039 | 7.016432 | 235.142853 | 18.324383 | 12.832238 |
| 229.132236 | 6.981327 | 215.590912 | 17.103777 | 12.604871 |
| 229.219934 | 6.704654 | 724.488342 | 58.007668 | 12.489528 |
| 229.229235 | 7.032050 | 181.227280 | 16.488419 | 10.991185 |
| 229.189149 | 6.705010 | 668.880371 | 66.145988 | 10.112185 |
| 229.109696 | 6.711820 | 633.205994 | 66.474831 | 9.525500 |