# Chandra X-ray Center

Seq Num: 800415

Instrument: ACIS

Obs ID: 4969

Source: Hydra A

PI: Prof. Brian McNamara

Title: A Deep Look at the radio-ICM interaction in the powerful radio galaxy Hydra A

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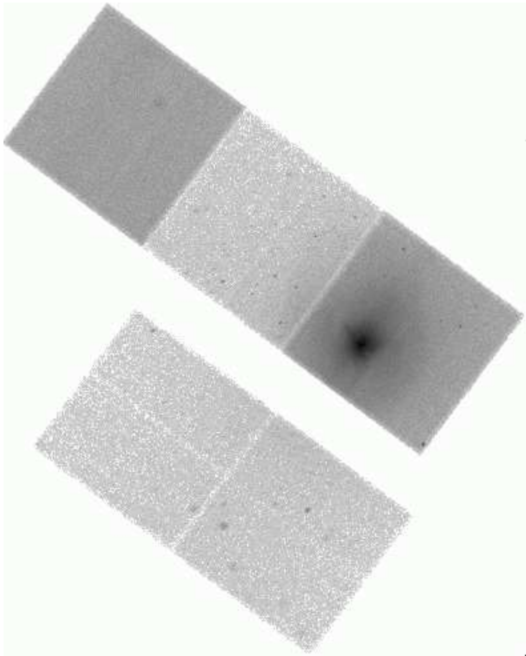
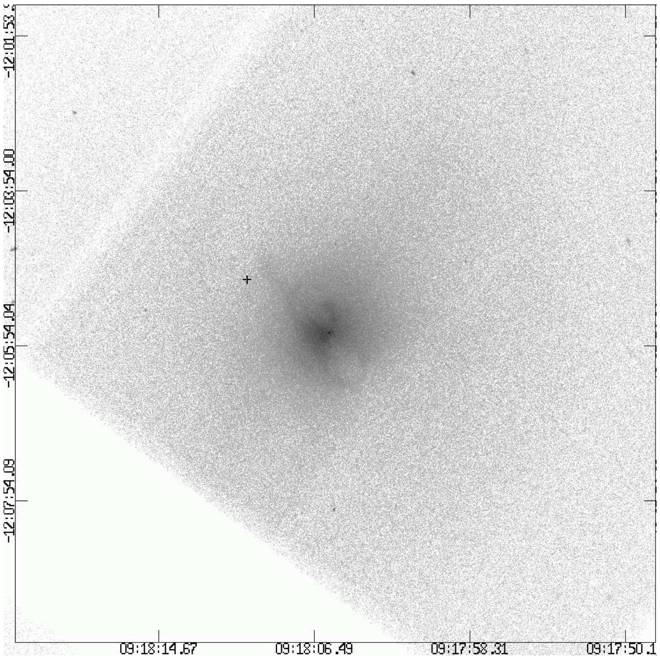
acisf04969N002 full img2.fits



acisf04969N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-06-08T13:08:44 | Date and time of file creation |
| DATE-OBS | 2004-01-13T07:59:19 | Observation start date |
| DATE-END | 2004-01-14T11:49:11 | Observation end date |
| RA_PNT | 139.54175007053 | Pointing RA |
| DEC_PNT | -12.08416189906 | Pointing Dec |
| ROLL_PNT | 36.720131836792 | Pointing Roll |
| RA_TARG | 139.52375 | Observer's specified target RA |
| DEC_TARG | -12.095139 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-06-08T15:01:11 | Date and time of file creation |
| DATE-OBS | 2004-01-13T07:59:19 | Observation start date |
| DATE-END | 2004-01-14T11:49:11 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-23567 | Detector |
| GRATING | NONE | Grating |
| OBJECT | Hydra A | Source name |
| TITLE | A Deep Look at the radio-ICM interaction in the powerful radio galaxy Hydra A | Proposal title |
| OBSERVER | Prof. Brian McNamara | Principal investigator |
| OBS_ID | 4969 | Observation id |
| SEQ_NUM | 800415 | Sequence number |
| RA_NOM | 139.54175007053 | Nominal RA |
| DEC_NOM | -12.08416189906 | Nominal Dec |
| ROLL_NOM | 36.720131836792 | Nominal Roll |

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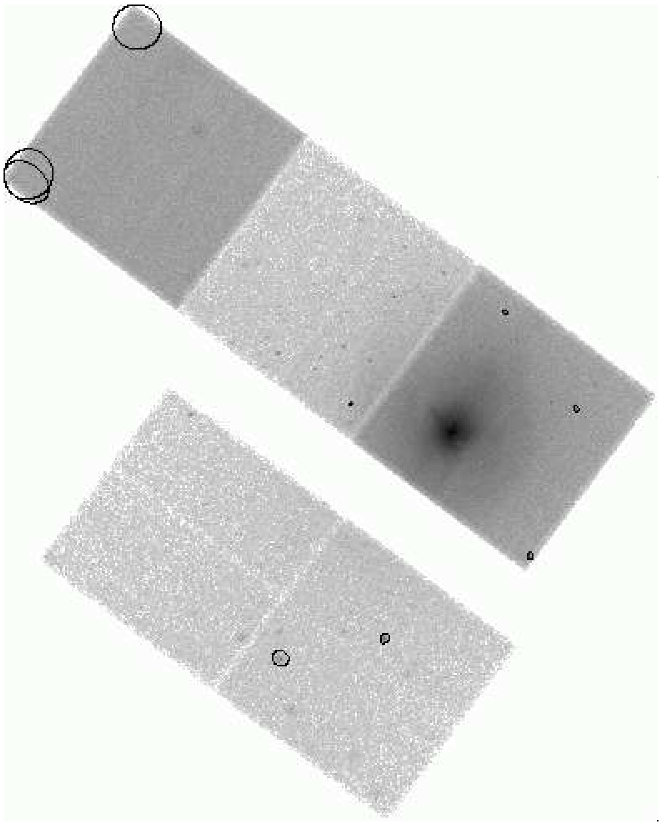
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 139.472625 | -12.177098 | 613.799988 | 30.368114 | 20.211988 |
| 139.736058 | -11.830271 | 1528.694336 | 84.650826 | 18.058823 |
| 139.809044 | -11.926780 | 1679.531616 | 94.812859 | 17.714174 |
| 139.570077 | -12.231339 | 379.284088 | 24.080124 | 15.750920 |
| 139.810332 | -11.931848 | 1100.393799 | 77.813240 | 14.141472 |
| 139.640091 | -12.244143 | 404.704559 | 29.200859 | 13.859337 |
| 139.523598 | -12.095598 | 853.714294 | 63.414612 | 13.462422 |
| 139.592808 | -12.077557 | 204.022720 | 17.774796 | 11.478203 |
| 139.441407 | -12.080784 | 279.534088 | 24.499399 | 11.409835 |
| 139.489275 | -12.017246 | 259.791656 | 23.203028 | 11.196455 |