# Chandra X-ray Center

Seq Num: 200104

Instrument: ACIS

Obs ID: 1876

Source: ROSETTE FIELD 3

PI: Dr. Leisa Townsley

Title: STAR FORMATION IN THE ROSETTE MOLECULAR CLOUD

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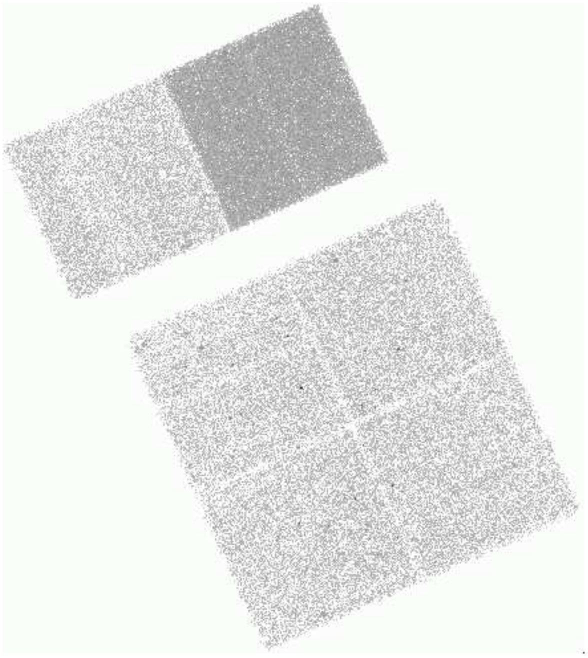
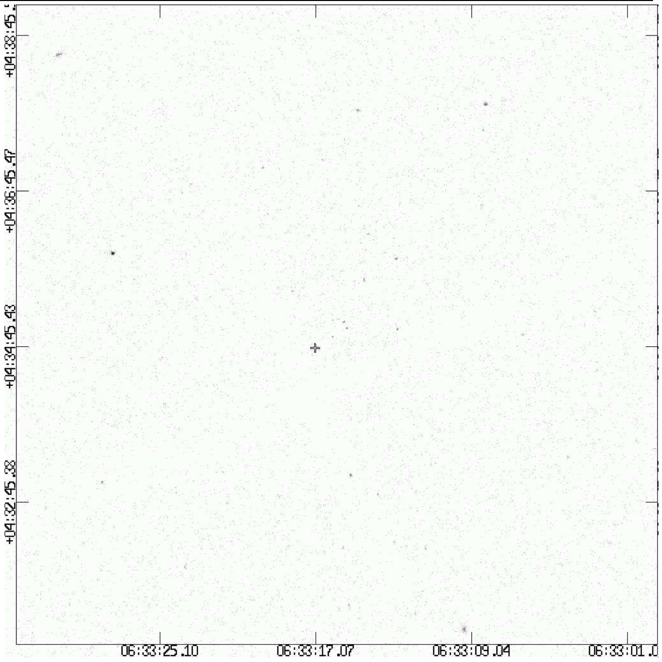
| acisf01876N002 full img2.fits | acisf01876N002 cntr img2.fits |
| --- | --- |





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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-02T12:46:47 | Date and time of file creation |
| DATE-OBS | 2001-01-05T23:29:45 | Observation start date |
| DATE-END | 2001-01-06T05:11:35 | Observation end date |
| RA_PNT | 98.321199923816 | Pointing RA |
| DEC_PNT | 4.5789421859241 | Pointing Dec |
| ROLL_PNT | 335.76445693496 | Pointing Roll |
| RA_TARG | 98.317917 | Observer's specified target RA |
| DEC_TARG | 4.5825 | Observer's specified target Dec |
| DATAMODE | FAINT | 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 | 7.6.9 | ASCDS version number |
| DATE | 2006-11-02T13:14:21 | Date and time of file creation |
| DATE-OBS | 2001-01-05T23:29:45 | Observation start date |
| DATE-END | 2001-01-06T05:11:35 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012367 | Detector |
| GRATING | NONE | Grating |
| OBJECT | ROSETTE FIELD 3 | Source name |
| TITLE | STAR FORMATION IN THE ROSETTE MOLECULAR CLOUD | Proposal title |
| OBSERVER | Dr. Leisa Townsley | Principal investigator |
| OBS_ID | 1876 | Observation id |
| SEQ_NUM | 200104 | Sequence number |
| RA_NOM | 98.321199923816 | Nominal RA |
| DEC_NOM | 4.5789421859241 | Nominal Dec |
| ROLL_NOM | 335.76445693496 | Nominal Roll |

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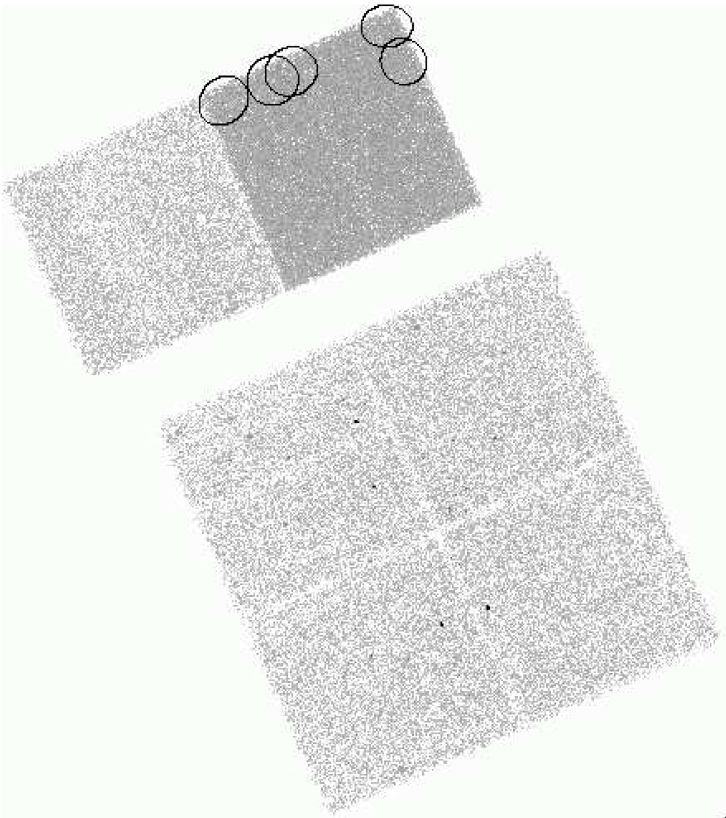
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 98.364571 | 4.599269 | 367.857147 | 21.337463 | 17.239965 |
| 98.284560 | 4.631256 | 88.079544 | 10.689657 | 8.239697 |
| 98.356668 | 4.902918 | 305.851074 | 39.015236 | 7.839272 |
| 98.464912 | 4.853762 | 295.196014 | 40.063797 | 7.368149 |
| 98.289163 | 4.518699 | 79.571426 | 11.201067 | 7.103915 |
| 98.376152 | 4.641877 | 69.833336 | 10.198552 | 6.847377 |
| 98.320026 | 4.507951 | 69.285713 | 10.852924 | 6.384059 |
| 98.420178 | 4.873037 | 290.996674 | 45.734440 | 6.362747 |
| 98.432250 | 4.867158 | 285.780731 | 46.403011 | 6.158668 |
| 98.345616 | 4.879644 | 243.845535 | 41.644871 | 5.855356 |