# Chandra X-ray Center

Seq Num: 500148

Instrument: ACIS

Obs ID: 1971

Source: SN 1998S

PI: Prof. Walter Lewin

Title: CONTINUING CHANDRA OBSERVATIONS OF THE X-RAY SUPERNOVAE SN 1999EM AND SN 1998S

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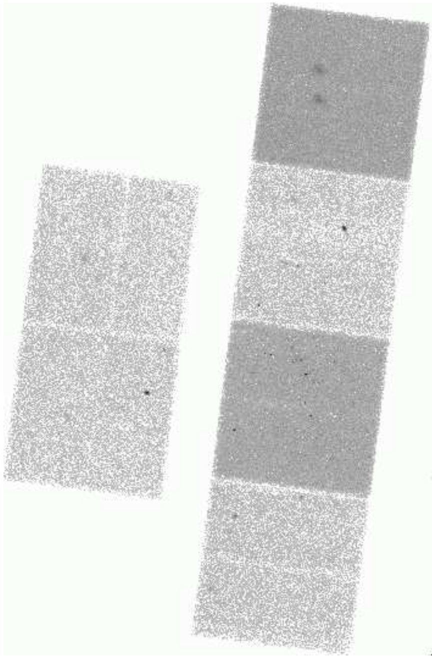
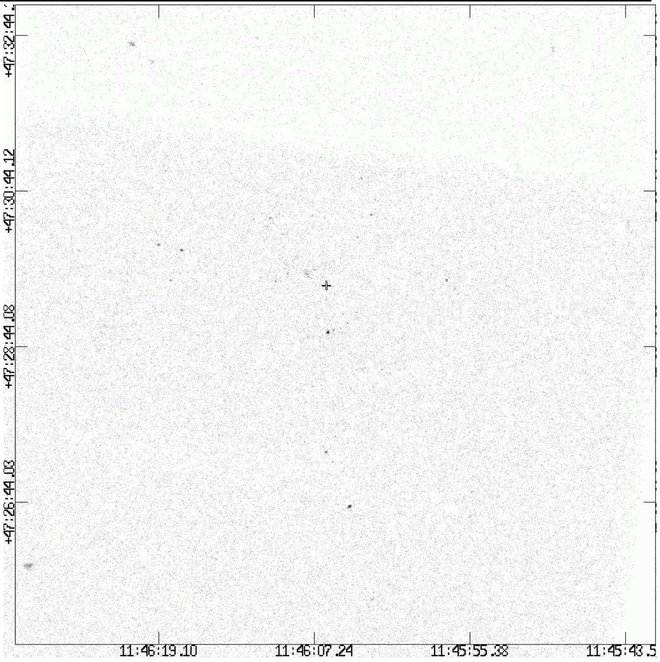
acisf01971N002 full img2.fits



acisf01971N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-02T22:15:49 | Date and time of file creation |
| DATE-OBS | 2001-01-14T19:27:35 | Observation start date |
| DATE-END | 2001-01-15T04:11:59 | Observation end date |
| RA_PNT | 176.52622207743 | Pointing RA |
| DEC_PNT | 47.491972863401 | Pointing Dec |
| ROLL_PNT | 97.20859793569 | Pointing Roll |
| RA_TARG | 176.525417 | Observer's specified target RA |
| DEC_TARG | 47.482167 | 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 | 2006-11-02T22:41:36 | Date and time of file creation |
| DATE-OBS | 2001-01-14T19:27:35 | Observation start date |
| DATE-END | 2001-01-15T04:11:59 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | SN 1998S | Source name |
| TITLE | CONTINUING CHANDRA OBSERVATIONS OF THE X-RAY SUPERNOVAE SN 1999EM AND SN 1998S | Proposal title |
| OBSERVER | Prof. Walter Lewin | Principal investigator |
| OBS_ID | 1971 | Observation id |
| SEQ_NUM | 500148 | Sequence number |
| RA_NOM | 176.52622207743 | Nominal RA |
| DEC_NOM | 47.491972863401 | Nominal Dec |
| ROLL_NOM | 97.20859793569 | Nominal Roll |

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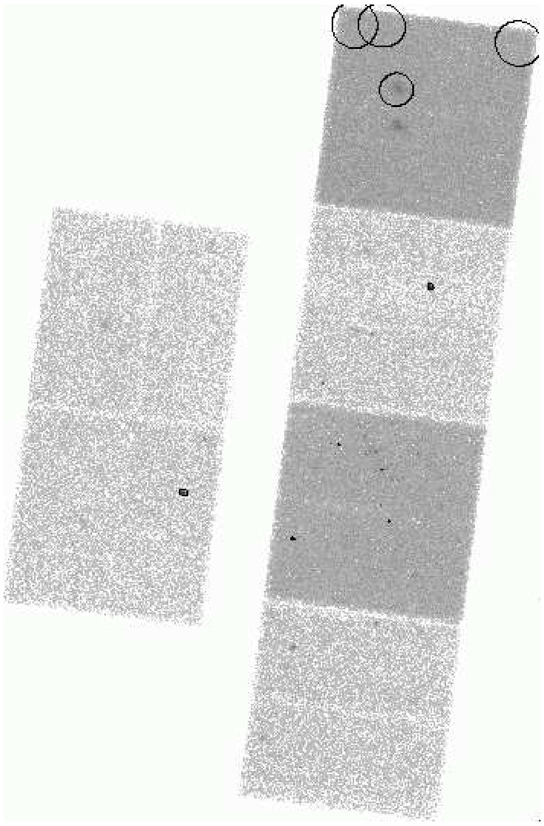
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 176.525643 | 47.482008 | 556.000000 | 25.737736 | 21.602522 |
| 176.736382 | 47.465160 | 560.454529 | 26.924902 | 20.815472 |
| 176.474486 | 47.612717 | 545.931824 | 26.857527 | 20.326958 |
| 176.518761 | 47.444726 | 360.714294 | 22.028700 | 16.374743 |
| 176.380348 | 47.786494 | 795.687683 | 54.321392 | 14.647779 |
| 176.555410 | 47.799911 | 764.800659 | 58.538582 | 13.064899 |
| 176.510696 | 47.753524 | 641.920471 | 55.897007 | 11.483987 |
| 176.620331 | 47.431931 | 182.541672 | 17.414068 | 10.482425 |
| 176.526505 | 47.799468 | 624.784058 | 59.616978 | 10.479968 |
| 176.572007 | 47.499619 | 145.428574 | 14.558966 | 9.988935 |