# Chandra X-ray Center

Seq Num: 290234

Instrument: HRC

Obs ID: 3680

Source: BETELGEUSE

PI: Dr. CXC Calibration

Title: AO4 MEASUREMENTS OF THE OPTICAL/UV TRANSMISSION OF THE HRC AND ACIS FILTERS

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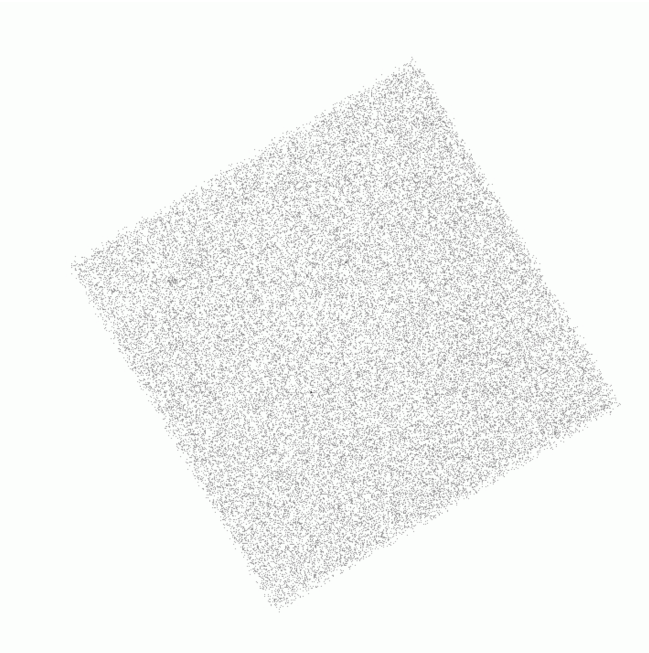
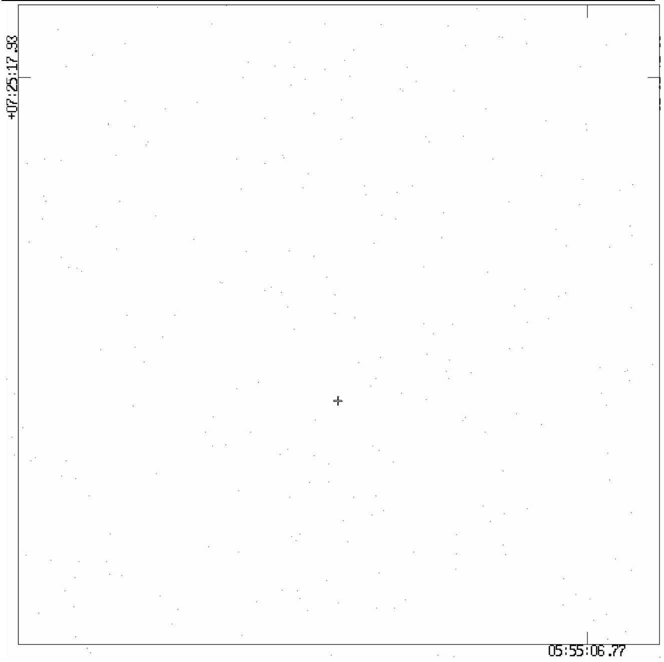
hrcf03680N003 full img2.fits



hrcf03680N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-22T01:28:51 | Date and time of file creation |
| DATE-OBS | 2003-02-06T06:14:59 | Observation start date |
| DATE-END | 2003-02-06T06:58:46 | Observation end date |
| RA_PNT | 88.792594542112 | Pointing RA |
| DEC_PNT | 7.4030630740743 | Pointing Dec |
| ROLL_PNT | 284.25921691508 | Pointing Roll |
| RA_TARG | 88.792917 | Observer's specified target RA |
| DEC_TARG | 7.407056 | Observer's specified target Dec |
| DEGAP | hrciD1999-07-22gaplookupN0003.fits | |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-22T01:38:13 | Date and time of file creation |
| DATE-OBS | 2003-02-06T06:14:59 | Observation start date |
| DATE-END | 2003-02-06T06:58:46 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-I | Detector |
| GRATING | NONE | Grating |
| OBJECT | BETELGEUSE | Source name |
| TITLE | AO4 MEASUREMENTS OF THE OP- TICAL/UV TRANSMISSION OF THE HRC AND ACIS FILTERS | Proposal title |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 3680 | Observation id |
| SEQ_NUM | 290234 | Sequence number |
| RA_NOM | 88.792594542112 | Nominal RA |
| DEC_NOM | 7.4030630740743 | Nominal Dec |
| ROLL_NOM | 284.25921691508 | Nominal Roll |

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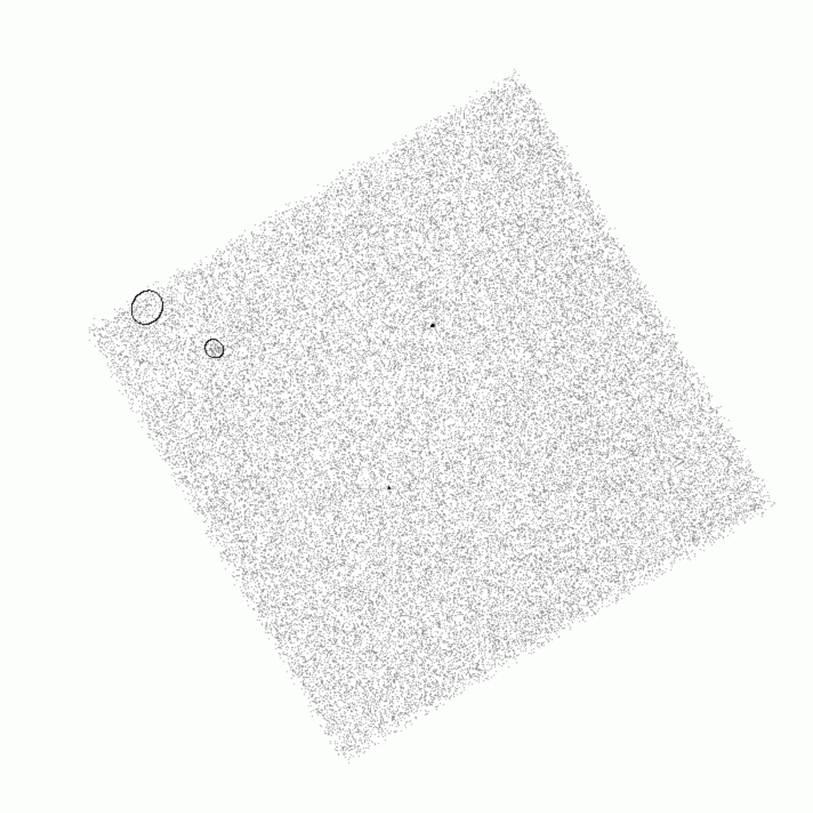
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 88.834384 | 7.334090 | 31.750000 | 8.139249 | 3.900851 |
| 88.788970 | 7.500836 | 25.159090 | 6.728503 | 3.739181 |
| 89.084659 | 7.519124 | 37.051785 | 11.932806 | 3.105035 |
| 89.015074 | 7.476943 | 33.215687 | 11.016049 | 3.015209 |