Chandra X-ray Center

Seq Num: 500509

Instrument: HRC

Obs ID: 5515

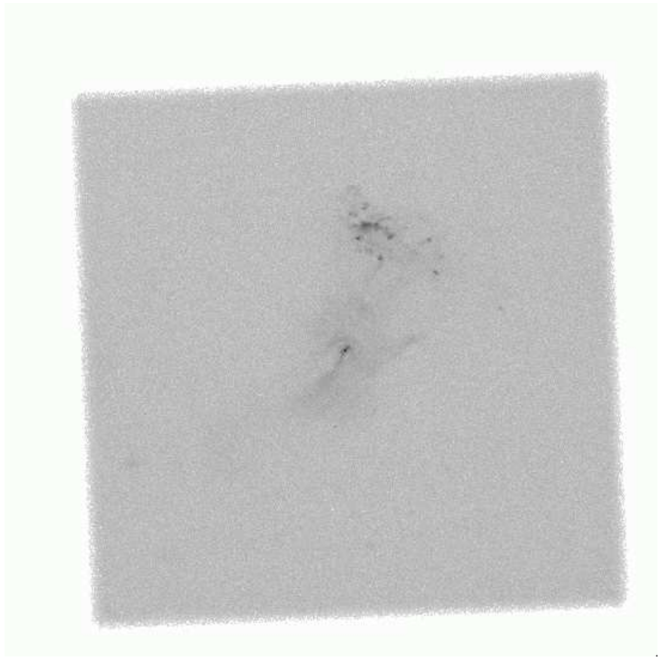
Source: PSR B1509-58

PI: Dr. Steven Murray

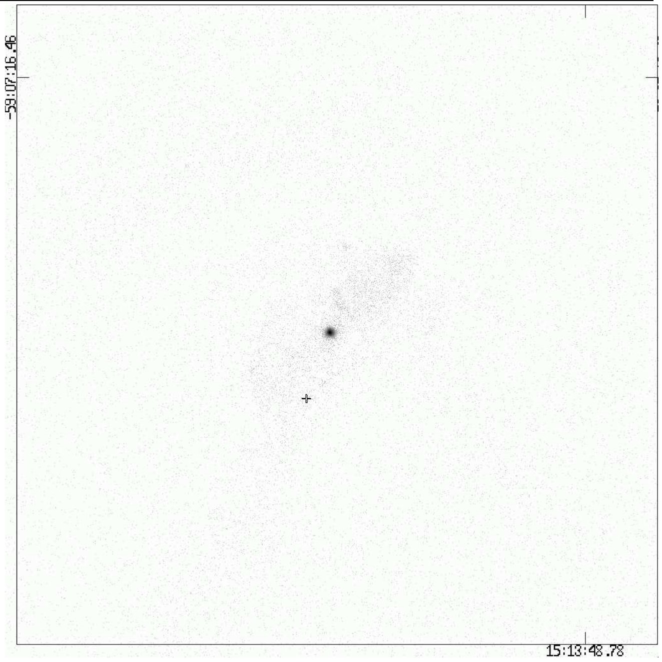
Title: The Surface Temperature of Isolated Neutron Stars

---

hrcf05515N003 full img2.fits



hrcf05515N003 cntr img2.fits



Chandra X-ray Center Seq Num: 500509

Instrument: HRC Obs ID: 5515

Source: PSR B1509-58 PI: Dr. Steven Murray

Title: The Surface Temperature of Isolated Neutron Stars

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.11.2	Processing system revision
DATE	2007-11-24T15:39:37	Date and time of file creation
DATE-OBS	2005-06-13T00:13:17	Observation start date
DATE-END	2005-06-13T13:10:43	Observation end date
RA_PNT	228.48437724611	Pointing RA
DEC_PNT	-59.139702236792	Pointing Dec
ROLL_PNT	312.68239668185	Pointing Roll
RA_TARG	228.481667	Observer's specified target RA
DEC_TARG	-59.135833	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	2007-11-24T16:55:20	Date and time of file creation
DATE-OBS	2005-06-13T00:13:17	Observation start date
DATE-END	2005-06-13T13:10:43	Observation end date
INSTRUME	HRC	Instrument
DETNAM	HRC-I	Detector
GRATING	NONE	Grating
OBJECT	PSR B1509-58	Source name
TITLE	The Surface Temperature of Isolated Neutron Stars	Proposal title
OBSERVER	Dr. Steven Murray	Principal investigator
OBS_ID	5515	Observation id
SEQ_NUM	500509	Sequence number
RA_NOM	228.48437724611	Nominal RA
DEC_NOM	-59.139702236792	Nominal Dec
ROLL_NOM	312.68239668185	Nominal Roll

Chandra X-ray Center

Seq Num: 500509

Instrument: HRC

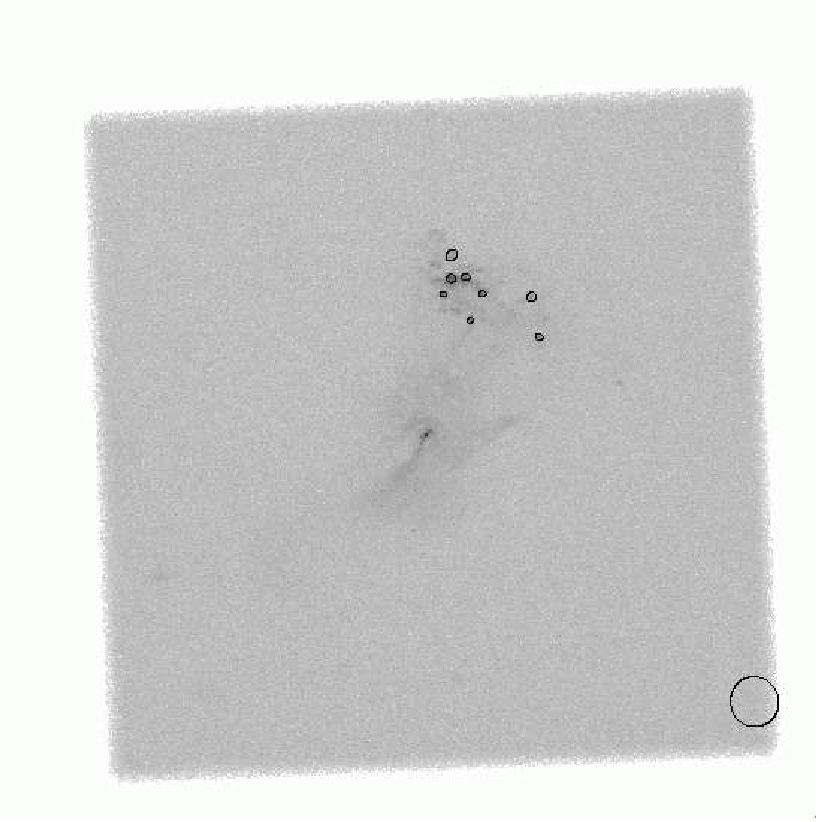
Obs ID: 5515

Source: PSR B1509-58

PI: Dr. Steven Murray

Title: The Surface Temperature of Isolated Neutron Stars

Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
228.481725	-59.135878	10620.375000	111.387665	95.346054
228.456969	-59.026150	996.848267	43.965458	22.673443
228.444404	-59.013591	1544.250000	74.296486	20.784967
228.422150	-59.012673	883.375000	51.408955	17.183290
228.396901	-59.025725	621.340881	41.717701	14.893940
228.414569	-59.046174	520.432495	37.869728	13.742704
228.309793	-59.059246	460.204559	33.986214	13.540918
228.321605	-59.028045	386.082153	32.149857	12.008829
228.443829	-58.995839	369.931824	36.827351	10.045029
227.977599	-59.343991	747.859680	81.126183	9.218475