



The INES Archive Data Server

LWR13750LL.FITS Headers

Primary Header

```

SIMPLE = T / Standard FITS Format
BITPIX = 8 / 8 bits ASCII
NAXIS = 0 / No image data
EXTEND = T / Extensions are present
TELESCOP= 'IUE' / International Ultraviolet Explorer
DATE = '08/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 13750 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'YES' / LWR heater warmup
ABNREAD = 'NO' / Read at other than 20 KB
ABNUVC = 'NO' / Non-standard UVC voltage
ABNHISTR= 'NO' / History replay
ABNOTHER= 'NO' / Other abnormality
POSANGLE= 264.83 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 96.6 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=1.1X,B=90
COMMENT BY RA: LWR 4-MINUTE HEATER WARMUP
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: OFFSET 1 FROM: L SGR
COMMENT BY RA: OFFSET 1 COORDINATES: 19 51 49.0 -42 00 06
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 3 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 599.528 SEC.(EFF); 600.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 599.528 SEC.(EFF); 600.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '22/07/82' / Observing date
TIMEOBS = '17:12:06' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 2098.822 / Integration time in seconds
RA = 298.6629 / Homogeneous R.A. in degrees
DEC = -31.8922 / Homogeneous Dec. in degrees
TARGET = 'BAMBERGA' / Object as given by Guest Observer
TARGRA = 298.6629 / R.A. in degrees (given by G0)

```

```

TARGDEC = -31.8922 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 324 BAMBERGA' / Homogeneous Object ID
HJD-MID = 2445173.23462 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 13750, 324 BAMBERGA, 35 MINUTES TOTAL EXPOSURE (3 PART
10 MIN-15 MIN-10 MIN), LARGE APERTURE, LOW DISPERSION.
USED THE 4 MINUTE HEATER WARMUP AS PING AVOIDANCE TECHNIQU
OBSERVER: GLENN VEEDER PROGRAM: SAEDM 1982/203/22 JUL
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 8-JUL-1997 10:14:15
HISTORY 28 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 0 LINES AFFECTED BY MICROPHONICS:
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 212
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 95
HISTORY END RAW_SCREEN 8-JUL-1997 10:15:11
HISTORY START EXTRACTION 22-JAN-1998 03:33:05
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 9 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 51.5
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 0 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 22-JAN-1998 03:33:18
END

```

Binary Table Header

```

XTENSION= 'BINTABLE' /Written by IDL: 22-Jan-1998 03:33:19.00
BITPIX = 8 /
NAXIS = 2 /Binary table
NAXIS1 = 14 /Number of bytes per row
NAXIS2 = 562 /Number of rows
PCOUNT = 0 /Random parameter count
GCOUNT = 1 /Group count
TFIELDS = 4 /Number of columns
TFORM1 = '1E ' /Real*4 (floating point)
TTYPER1 = 'WAVELENGTH' /Label for column 1
TUNIT1 = 'ANGSTROM' /Units of column 1
TDISP1 = 'F10.3 ' /Display format for column 1
TFORM2 = '1E ' /Real*4 (floating point)
TTYPER2 = 'FLUX ' /Label for column 2
TUNIT2 = 'ERG/CM2/S/A' /Units of column 2
TDISP2 = 'E15.7 ' /Display format for column 2
TFORM3 = '1E ' /Real*4 (floating point)
TTYPER3 = 'SIGMA ' /Label for column 3
TUNIT3 = 'ERG/CM2/S/A' /Units of column 3
TDISP3 = 'E15.7 ' /Display format for column 3
TFORM4 = '1I ' /Integer*2 (short integer)
TTYPER4 = 'QUALITY ' /Label for column 4
TUNIT4 = ' ' /Units of column 4
TDISP4 = 'I7 ' /Display format for column 4
FILENAME= 'LWR13750LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

```

