



The INES Archive Data Server

LWR12301LL.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 = '11/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 12301 / 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= 320.28 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=180,B=40
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: SAO 109507
COMMENT BY RA: OFFSET 1 COORDINATES: 00 48 43.6 +03 06 51
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.500
COMMENT BY RA: EXPOSURE 1 SEGMENTED (10 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 7 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 8 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 9 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 10 EXPOSED 719.541 SEC.(EFF); 720.0 SEC.(COM)
COMMENT BY RA: Ping: DN=37 from Y=808 to Y=798
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '07/01/82' / Observing date

```

```

TIMEOBS = '16:49:28' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 11515.873 / Integration time in seconds
RA = 12.4733 / Homogeneous R.A. in degrees
DEC = 2.9606 / Homogeneous Dec. in degrees
TARGET = '21 LUTETIA' / Object as given by Guest Observer
TARGRA = 12.4733 / R.A. in degrees (given by GO)
TARGDEC = 2.9606 / Dec. in degrees (given by GO)
OBJECT = 'ZZ 21 LUTETIA' / Homogeneous Object ID
HJD-MID = 2444977.26722 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 12301, 21 LUTETIA, 192 MIN, LOW DISPERSION, LARGE APER
DID A 4 MIN HEATER WARMUP FOR READ
EXPO DONE IN 9 PARTS OF 20 MIN AND 1 PART OF 12 MIN
OBSERVERS: NELSON/OCKERT, PROGRAM: SADDM, DATE: 1982.007-8
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 11-JUL-1997 04:10:01
HISTORY 54 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 10 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 89
HISTORY LINE: 90
HISTORY LINE: 91
HISTORY LINE: 92
HISTORY LINE: 93
HISTORY LINE: 94
HISTORY LINE: 95
HISTORY LINE: 96
HISTORY LINE: 97
HISTORY LINE: 98
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 157
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 42
HISTORY END RAW_SCREEN 11-JUL-1997 04:11:27
HISTORY START EXTRACTION 21-JAN-1998 23:38:26
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 18 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.8
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 2 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 23:38:35
END

```

Binary Table Header

```

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 23:38:35.00
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)
TTYPE1 = '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)
TTYPE2 = '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)
TTYPE3 = '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)
TTYPE4 = 'QUALITY ' /Label for column 4
TUNIT4 = '        ' /Units of column 4
TDISP4 = 'I7      ' /Display format for column 4
FILENAME= 'LWR12301LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
```

[Home](#) | [HelpDesk](#) | [Overview](#) | [LAEFF](#)

[Version 3.0](#) - June 2000