



The INES Archive Data Server

LWR12730LL.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 = '18/06/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 12730 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'NO' / 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= 221.92 / 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=110,B=35
COMMENT BY RA: LWR 0-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 118734
COMMENT BY RA: OFFSET 1 COORDINATES: 11 11 19.1 +02 32 30
COMMENT BY RA: OFFSET 1 MAGNITUDE: 7.000
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 7 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 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
COMMENT BY RA: Header wrong: should have program ID "SADDM"
COMMENT BY RA: Ping: 51 DN from Y=269 to Y=367
DATEOBS = '07/03/82' / Observing date
TIMEOBS = '13:06:44' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode

```

```

EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 8097.319 / Integration time in seconds
RA = 168.7166 / Homogeneous R.A. in degrees
DEC = 3.0775 / Homogeneous Dec. in degrees
TARGET = '308 POLYX' / Object as given by Guest Observer
TARGRA = 168.7166 / R.A. in degrees (given by G0)
TARGDEC = 3.0775 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 308 POLYX0' / Homogeneous Object ID
HJD-MID = 2445036.09893 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 12730, 308 POLYX0, 135 MIN EXPOSURE, LOW DISP, LRG APE
OBSERVER: NELSON/VEEDER, PROGRAM: SADDM, DATE: 7 MAR 1982
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 18-JUN-1997 17:50:53
HISTORY 46 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 10 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 628
HISTORY LINE: 629
HISTORY LINE: 630
HISTORY LINE: 631
HISTORY LINE: 632
HISTORY LINE: 633
HISTORY LINE: 634
HISTORY LINE: 635
HISTORY LINE: 636
HISTORY LINE: 637
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 98
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 40
HISTORY END RAW_SCREEN 18-JUN-1997 17:51:33
HISTORY START EXTRACTION 22-JAN-1998 01:02:58
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 8 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.4
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 2 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 22-JAN-1998 01:03:07
END

```

Binary Table Header

```

XTENSION= 'BINTABLE' /Written by IDL: 22-Jan-1998 01:03:07.00
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= 'LWR12730LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
```

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

[Version 3.0](#) - June 2000