



The INES Archive Data Server

LWR07901LL.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 = '16/06/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 7901 / 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= 110.75 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 89.4 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=1.5X,B=40
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: UNKNOWN
COMMENT BY RA: OFFSET 1 COORDINATES: 16 46 36.1 -15 34 56
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 4 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 599.528 SEC.(EFF); 600.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: 35 DN ping at Y=501 to 509.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '30/05/80' / Observing date
TIMEOBS = '15:47:53' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 5398.434 / Integration time in seconds
RA = 252.5188 / Homogeneous R.A. in degrees
DEC = -16.0703 / Homogeneous Dec. in degrees

```

```

TARGET = '8 FLORA ' / Object as given by Guest Observer
TARGRA = 252.5188 / R.A. in degrees (given by G0)
TARGDEC = -16.0703 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 8 FLORA' / Homogeneous Object ID
HJD-MID = 2444390.19530 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR7901, 8 FLORA, 90MIN, LO DISP, LG APER
PROGRAM:SACDM, OBSERVERS:NELSON/VEEDER, DATE:1980/151
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 16-JUN-1997 19:32:25
HISTORY 34 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 10 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 389
HISTORY LINE: 390
HISTORY LINE: 391
HISTORY LINE: 392
HISTORY LINE: 393
HISTORY LINE: 394
HISTORY LINE: 395
HISTORY LINE: 396
HISTORY LINE: 397
HISTORY LINE: 398
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY EXTENDED SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 193
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 43
HISTORY END RAW_SCREEN 16-JUN-1997 19:33:04
HISTORY START EXTRACTION 21-JAN-1998 11:08:11
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 31 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 51.9
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 0 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 11:08:21
END

```

Binary Table Header

```

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 11:08:21.00
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= 'LWR07901LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
```

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

[Version 3.0](#) - June 2000