



## The INES Archive Data Server

### LWR15360LL.FITS Headers

#### Primary Header

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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 = '28/06/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 15360 / 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= 168.67 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=120,B=71
COMMENT BY RA: LWR 4-MINUTE HEATER WARMUP
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: EXP 1 EX= 5, EY= 0
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 2 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '23/02/83' / Observing date
TIMEOBS = '21:15:11' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 1799.530 / Integration time in seconds
RA = 266.5803 / Homogeneous R.A. in degrees
DEC = -12.9272 / Homogeneous Dec. in degrees
TARGET = '532 HERCULIN' / Object as given by Guest Observer
TARGRA = 266.5803 / R.A. in degrees (given by G0)
TARGDEC = -12.9272 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 532 HERCULIN' / Homogeneous Object ID

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HJD-MID = 2445389.39386 / JD middle of obs. with Heliocentric corr.  
COMMENT IUE-VICAR HEADER START  
LWR 15360, 532 HERCULINA, 30 MINUTES TOTAL EXPOSURE (IN 2  
PARTS OF 15 MINUTES EACH, WITH COUNT RATE CHECKED AT REF P  
IN BETWEEN. (SAME REF PT.)) LARGE APERTURE, LOW DISPERS  
OBSERVER: BOB NELSON PROGRAM: SAEDM 1983/054/23 FEB  
USED THE 4 MINUTE HEATER WARMUP AS PING AVOIDANCE TECHNIQU  
COMMENT IUE-VICAR HEADER END  
HISTORY START RAW\_SCREEN 28-JUN-1997 18:44:17  
HISTORY 24 BRIGHT SPOTS DETECTED  
HISTORY 0 MISSING MINOR FRAMES DETECTED  
HISTORY 0 LINES AFFECTED BY MICROPHONICS:  
HISTORY NO LARGE APERTURE FLUX DETECTED; SOURCE DETERMINATION  
HISTORY BASED ON OBJECT CLASS 5  
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS  
HISTORY POINT SOURCE  
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 0  
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0  
HISTORY BACKGROUND DN LEVEL = 76  
HISTORY END RAW\_SCREEN 28-JUN-1997 18:45:12  
HISTORY START EXTRACTION 22-JAN-1998 07:46:27  
HISTORY INES NOISE MODEL USED  
HISTORY CROSS-DISPERSION PROFILES BINNED IN 1 BLOCKS  
HISTORY DEFAULT EXTRACTION  
HISTORY DEFAULT POINT SOURCE PROFILE CENTERED AT 49.0  
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 07:46:32  
END

### Binary Table Header

```
XTENSION= 'BINTABLE' /Written by IDL: 22-Jan-1998 07:46:32.00
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= 'LWR15360LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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