



# The INES Archive Data Server

## LWR09495LL.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 = '20/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9495 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNNSTD= '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= 296.99 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=240,B=24
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 130520
COMMENT BY RA: OFFSET 1 COORDINATES: 03 27 12.2 -06 58 26
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.200
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: Ping with max DN=34 at Y=438,447.
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '14/12/80' / Observing date
TIMEOBS = '20:36:07' / 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 = 51.1750 / Homogeneous R.A. in degrees
DEC = -6.9283 / Homogeneous Dec. in degrees
TARGET = '6 HEBE' / Object as given by Guest Observer

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TARGRA = 51.1750 / R.A. in degrees (given by GO)  
 TARGDEC = -6.9283 / Dec. in degrees (given by GO)  
 OBJECT = 'ZZ 6 HEBE' / Homogeneous Object ID  
 HJD-MID = 2444588.37299 / JD middle of obs. with Heliocentric corr.  
 COMMENT IUE-VICAR HEADER START  
 LWR 9495, 6 HEBE, LOW DISP, LARGE APER, 30 MIN EXPOSURE  
 EXPO IN 2 PARTS;15 & 15 MIN SEGMENTS. OFFSET SAO 130520  
 OBSERVERS: VEEDER/NELSON/MCCORD,PROGRAM:SACDM,DATE:1980.34  
 COMMENT IUE-VICAR HEADER END  
 HISTORY START RAW\_SCREEN 20-JUL-1997 17:24:11  
 HISTORY 23 BRIGHT SPOTS DETECTED  
 HISTORY 0 MISSING MINOR FRAMES DETECTED  
 HISTORY 12 LINES AFFECTED BY MICROPHONICS:  
 HISTORY LINE: 450  
 HISTORY LINE: 451  
 HISTORY LINE: 452  
 HISTORY LINE: 453  
 HISTORY LINE: 454  
 HISTORY LINE: 455  
 HISTORY LINE: 456  
 HISTORY LINE: 457  
 HISTORY LINE: 458  
 HISTORY LINE: 459  
 HISTORY LINE: 460  
 HISTORY LINE: 461  
 HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS  
 HISTORY POINT SOURCE  
 HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 181  
 HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0  
 HISTORY BACKGROUND DN LEVEL = 30  
 HISTORY END RAW\_SCREEN 20-JUL-1997 17:25:25  
 HISTORY START EXTRACTION 21-JAN-1998 16:16:44  
 HISTORY INES NOISE MODEL USED  
 HISTORY CROSS-DISPERSION PROFILES BINNED IN 32 BLOCKS  
 HISTORY EMPIRICAL EXTRACTION  
 HISTORY CENTROID FOUND AT LINE 50.9  
 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 16:17:13  
 END

**Binary Table Header**

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:17:13.00  
 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

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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= 'LWR09495LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000