



# The INES Archive Data Server

## LWR05678LL.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 = '23/05/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 5678 / 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= 164.86 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 96.6 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=170,B=30
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: XS PREP USED
COMMENT BY RA: OFFSET 1 FROM: AGK2 770
COMMENT BY RA: OFFSET 1 COORDINATES: 06 42 41.3 +09 49 10
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 2 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 1079.580 SEC.(EFF); 1080.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1079.580 SEC.(EFF); 1080.0 SEC.(COM)
COMMENT BY RA: 53 DN ping at Y=183 to 199.
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '24/09/79' / Observing date
TIMEOBS = '04:02:32' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 2159.159 / Integration time in seconds
RA = 100.6800 / Homogeneous R.A. in degrees
DEC = 9.6811 / Homogeneous Dec. in degrees
TARGET = '3 JUNO' / Object as given by Guest Observer
TARGRA = 100.6800 / R.A. in degrees (given by GO)

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TARGDEC = 9.6811 / Dec. in degrees (given by GO)  
 OBJECT = 'ZZ 3 JUNO' / Homogeneous Object ID  
 HJD-MID = 2444140.67991 / JD middle of obs. with Heliocentric corr.  
 COMMENT IUE-VICAR HEADER START  
 LWR 5678, VESTA, 36 MIN, LOW DISP, LG APER  
 PROGRAM:SABDM OBSERVER:MATSON DATE:1979.267 SEPT 24  
 COMMENT IUE-VICAR HEADER END  
 HISTORY START RAW\_SCREEN 23-MAY-1997 03:31:44  
 HISTORY 21 BRIGHT SPOTS DETECTED  
 HISTORY 0 MISSING MINOR FRAMES DETECTED  
 HISTORY 14 LINES AFFECTED BY MICROPHONICS:  
 HISTORY LINE: 698  
 HISTORY LINE: 699  
 HISTORY LINE: 700  
 HISTORY LINE: 701  
 HISTORY LINE: 702  
 HISTORY LINE: 703  
 HISTORY LINE: 704  
 HISTORY LINE: 705  
 HISTORY LINE: 706  
 HISTORY LINE: 707  
 HISTORY LINE: 708  
 HISTORY LINE: 709  
 HISTORY LINE: 710  
 HISTORY LINE: 711  
 HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS  
 HISTORY POINT SOURCE  
 HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 128  
 HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0  
 HISTORY BACKGROUND DN LEVEL = 31  
 HISTORY END RAW\_SCREEN 23-MAY-1997 03:32:42  
 HISTORY START EXTRACTION 21-JAN-1998 04:55:58  
 HISTORY INES NOISE MODEL USED  
 HISTORY CROSS-DISPERSION PROFILES BINNED IN 22 BLOCKS  
 HISTORY EMPIRICAL EXTRACTION  
 HISTORY CENTROID FOUND AT LINE 51.0  
 HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA  
 HISTORY OUT OF 14720 PIXELS 1 REJECTED AS COSMIC RAY HITS  
 HISTORY END EXTRACTION 21-JAN-1998 04:56:12  
 END

**Binary Table Header**

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 04:56:12.00  
 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= 'LWR05678LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000