



# The INES Archive Data Server

## LWR09496LL.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 = 9496 / 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= 296.99 / 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=205,B=25
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: Ping with max DN=39 at Y=304,313.
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '14/12/80' / Observing date
TIMEOBS = '21:36:44' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'NO' / Segmented exposure code
EXPTIME = 1499.829 / Integration time in seconds
RA = 51.1750 / Homogeneous R.A. in degrees
DEC = -6.9167 / Homogeneous Dec. in degrees
TARGET = '6 HEBE' / Object as given by Guest Observer
TARGRA = 51.1750 / R.A. in degrees (given by GO)
TARGDEC = -6.9167 / Dec. in degrees (given by GO)
OBJECT = 'ZZ 6 HEBE' / Homogeneous Object ID
HJD-MID = 2444588.41335 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 9496, 6 HEBE, LOW DISP, LARGE APER, 25 MIN EXPOSURE

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OBSERVERS: VEEDER/NELSON/MCCORD, PROGRAM: SACDM, DATE: 1980.34

COMMENT IUE-VICAR HEADER END

HISTORY START RAW\_SCREEN 20-JUL-1997 17:19:03

HISTORY 24 BRIGHT SPOTS DETECTED

HISTORY 0 MISSING MINOR FRAMES DETECTED

HISTORY 12 LINES AFFECTED BY MICROPHONICS:

HISTORY LINE: 584

HISTORY LINE: 585

HISTORY LINE: 586

HISTORY LINE: 587

HISTORY LINE: 588

HISTORY LINE: 589

HISTORY LINE: 590

HISTORY LINE: 591

HISTORY LINE: 592

HISTORY LINE: 593

HISTORY LINE: 594

HISTORY LINE: 595

HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS

HISTORY POINT SOURCE

HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 158

HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0

HISTORY BACKGROUND DN LEVEL = 30

HISTORY END RAW\_SCREEN 20-JUL-1997 17:19:51

HISTORY START EXTRACTION 21-JAN-1998 16:17:15

HISTORY INES NOISE MODEL USED

HISTORY CROSS-DISPERSION PROFILES BINNED IN 28 BLOCKS

HISTORY EMPIRICAL EXTRACTION

HISTORY CENTROID FOUND AT LINE 51.4

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 16:17:26

END

### Binary Table Header

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:17:26.00  
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= 'LWR09496LL.FITS' /Filename(camera)(number)(disp)(aper).FITS  
END

