



# The INES Archive Data Server

## LWP24453LL.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 = '08/11/96' / Date file is written (*new FITS standard*)
ORIGIN = 'VILSPA' / Institution generating the file
CAMERA = 'LWP' / Camera
IMAGE = 24453 / 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= 'YES' / Other abnormality
POSANGLE= 185.03 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 96.0 / Cross-correlation % successful
ITF = 'LWP92R94A' / ITF identification
COMMENT BY RA: SEGMENTED (12 EXPOSURES: 10M X 6; 2M X 5; 10M X 3; 5M)
COMMENT BY G0: FESBCK:150,F0;MENTSMISSING THDAEND-USED THDAREAD
DATEOBS = '10/12/92' / Observing date
TIMEOBS = '12:43:51' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 6299.525 / Integration time in seconds
RA = 171.2775 / Homogeneous R.A. in degrees
DEC = -9.9569 / Homogeneous Dec. in degrees
TARGET = 'TOUTATIS' / Object as given by Guest Observer
TARGRA = 171.2775 / R.A. in degrees (given by G0)
TARGDEC = -9.9569 / Dec. in degrees (given by G0)
OBJECT = 'ZZ TOUTATIS' / Homogeneous Object ID
HJD-MID = 2448967.06621 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
TOUTATIS,LWP24453MLRES,LAP,105M0S,12:43:51
921210,SPREP,MAXG,LOREAD,PS069,FESTOU/STERN
05,130,F0,12.2,,247D57M25.2S
FESBCK,150,F0;12 SEGMENTS
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN

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8-NOV-1996 16:27:18

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HISTORY 13 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 127
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 43
HISTORY END RAW_SCREEN 8-NOV-1996 16:27:52
HISTORY START EXTRACTION 19-JAN-1998 19:50:57
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 32 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 51.4
HISTORY REJECT PIXELS DEVIATING BY 6.0 SIGMA
HISTORY OUT OF 14720 PIXELS 1 REJECTED AS COSMIC RAY HITS
HISTORY *** WARNING: SOLAR CONTAMINATION CORRECTION APPLIED
HISTORY END EXTRACTION 19-JAN-1998 19:51:13
END

```

### Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 19-Jan-1998 19:51:13.00
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)
TTYPER1 = '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)
TTYPER2 = '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)
TTYPER3 = '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)
TTYPER4 = 'QUALITY ' /Label for column 4
TUNIT4 = ' ' /Units of column 4
TDISP4 = 'I7 ' /Display format for column 4
FILENAME= 'LWP24453LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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*[Version 3.0](#) - June 2000*