



## The INES Archive Data Server

### LWR09558LL.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 = '01/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'VILSPA' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9558 / 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= 17.80 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 87.4 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: SEGMENTED (3 EXPOSURES)
COMMENT BY RA: EXPTIME1=01500.000; DATEOBS1=22/12/80; TIMEOBS1=14:03:33
COMMENT BY RA: EXPTIME2=01500.000; DATEOBS2=22/12/80; TIMEOBS2=14:35:58
COMMENT BY RA: EXPTIME3=01800.000; DATEOBS3=22/12/80; TIMEOBS3=15:07:32
COMMENT BY G0: MISSING THDAEND-USED THDAREAD!
DATEOBS = '22/12/80' / Observing date
TIMEOBS = '14:03:33' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4799.567 / Integration time in seconds
RA = 78.7117 / Homogeneous R.A. in degrees
DEC = 31.5200 / Homogeneous Dec. in degrees
TARGET = 'ZELINDA' / Object as given by Guest Observer
TARGRA = 78.7117 / R.A. in degrees (given by G0)
TARGDEC = 31.5200 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 654 ZELINDA' / Homogeneous Object ID
HJD-MID = 2444596.11909 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
ZELINDA, LWR9558, LORES, LAP, 25M+25M+30M, 140333+143558+150732
22DEC80, SPREP, MAXG, LOREAD, UK359, BUTTERWORTH
UK 2374

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COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                               1-JUL-1997 16:19:01
HISTORY 30 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 0 LINES AFFECTED BY MICROPHONICS:
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 152
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 38
HISTORY END RAW_SCREEN                                1-JUL-1997 16:19:29
HISTORY START EXTRACTION                              21-JAN-1998 16:30:19
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 21 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 52.4
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 16:30:29
END

```

### **Binary Table Header**

```

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:30:29.00
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= 'LWR09558LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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