



## The INES Archive Data Server

### LWR09559LL.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 = 9559 / 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= 306.08 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: MISSING THDAEND-INTERPOLATED!
COMMENT BY G0:
DATEOBS = '22/12/80' / Observing date
TIMEOBS = '17:18:05' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'NO' / Segmented exposure code
EXPTIME = 899.765 / Integration time in seconds
RA = 62.7290 / Homogeneous R.A. in degrees
DEC = 5.1785 / Homogeneous Dec. in degrees
TARGET = 'NEMAUSA' / Object as given by Guest Observer
TARGRA = 62.7292 / R.A. in degrees (given by G0)
TARGDEC = 5.1786 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 51 NEMAUSA' / Homogeneous Object ID
HJD-MID = 2444596.23087 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
NEMAUSA, LWR9559, LRES, LAP, 15M, 0S, 17:18:05Z
22 DEC80, SPREP, MAXG, LOREAD, UK359, BUTTERWORTH
UK 2375
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 1-JUL-1997 16:30:50
HISTORY 20 BRIGHT SPOTS DETECTED

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HISTORY      0 MISSING MINOR FRAMES DETECTED
HISTORY     10 LINES AFFECTED BY MICROPHONICS:
HISTORY          LINE: 719
HISTORY          LINE: 720
HISTORY          LINE: 721
HISTORY          LINE: 722
HISTORY          LINE: 723
HISTORY          LINE: 724
HISTORY          LINE: 725
HISTORY          LINE: 726
HISTORY          LINE: 727
HISTORY          LINE: 728
HISTORY NO LARGE APERTURE FLUX DETECTED; SOURCE DETERMINATION
HISTORY          BASED ON OBJECT CLASS 5
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY          POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 0
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 29
HISTORY END    RAW_SCREEN                      1-JUL-1997 16:31:44
HISTORY START EXTRACTION                      21-JAN-1998 16:30:31
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 1 BLOCKS
HISTORY DEFAULT EXTRACTION
HISTORY DEFAULT POINT SOURCE PROFILE CENTERED AT 51.0
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 6 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                      21-JAN-1998 16:30:37
END

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### Binary Table Header

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XTENSION= 'BINTABLE'           /Written by IDL: 21-Jan-1998 16:30:38.00
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= 'LWR09559LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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