



The INES Archive Data Server

LWR09977LL.FITS Headers

Primary Header

```

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 = '02/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'VILSPA' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9977 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNNSTD= '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= 178.59 / 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:
COMMENT BY G0: SW SI DE; THDAEND MISSING-USED THDASTART!
DATEOBS = '22/02/81' / Observing date
TIMEOBS = '06:55:13' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'NO' / Segmented exposure code
EXPTIME = 2399.720 / Integration time in seconds
RA = 180.6042 / Homogeneous R.A. in degrees
DEC = 3.9406 / Homogeneous Dec. in degrees
TARGET = 'NYSYA' / Object as given by Guest Observer
TARGRA = 180.6042 / R.A. in degrees (given by G0)
TARGDEC = 3.9406 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 44 NYSA' / Homogeneous Object ID
HJD-MID = 2444657.80738 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
NYSYA,LWR9977,LRES,LAP,40M,06:55:13
22 FEB 1981,SPREP,MAXG,LOREAD,UK359,BUTTERWORTH
UK 2479 - MOVING TARGET OBSERVATION
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 2-JUL-1997 16:01:07
HISTORY 26 BRIGHT SPOTS DETECTED

```

```

HISTORY      0 MISSING MINOR FRAMES DETECTED
HISTORY      12 LINES AFFECTED BY MICROPHONICS:
HISTORY          LINE: 550
HISTORY          LINE: 551
HISTORY          LINE: 552
HISTORY          LINE: 553
HISTORY          LINE: 554
HISTORY          LINE: 555
HISTORY          LINE: 556
HISTORY          LINE: 557
HISTORY          LINE: 558
HISTORY          LINE: 559
HISTORY          LINE: 560
HISTORY          LINE: 561
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY          POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 149
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 33
HISTORY END    RAW_SCREEN                2-JUL-1997 16:02:30
HISTORY START EXTRACTION                21-JAN-1998 17:35:13
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 22 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.6
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 3 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                21-JAN-1998 17:35:24
END

```

Binary Table Header

```

XTENSION= 'BINTABLE'           /Written by IDL: 21-Jan-1998 17:35:24.00
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= 'LWR09977LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

```

