



The INES Archive Data Server

LWR12300LL.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 = '19/04/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 12300 / 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= 166.19 / 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: EXP 1 APER L C=98,B=26
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: OFFSET 1 FROM: SAO 80643
COMMENT BY RA: OFFSET 1 COORDINATES: 09 04 34.1 +23 10 58
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.800
COMMENT BY RA: Ping: DN=59 from Y=580 to Y=569
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '07/01/82' / Observing date
TIMEOBS = '07:19:15' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'NO' / Segmented exposure code
EXPTIME = 1319.605 / Integration time in seconds
RA = 136.3008 / Homogeneous R.A. in degrees
DEC = 23.6517 / Homogeneous Dec. in degrees
TARGET = '532 HERCULINA' / Object as given by Guest Observer
TARGRA = 136.3008 / R.A. in degrees (given by G0)
TARGDEC = 23.6517 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 532 HERCULIN' / Homogeneous Object ID

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HJD-MID = 2444976.81778 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 12300, 532 HERCULINA, 22 MIN EXPO, LOW DISP, LARGE APE
OFFSET FROM SAO 80643
PROGRAM:SADDM OBSERVERS:NELSON/OCKERT DATE:1982/007
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 19-APR-1997 10:53:16
HISTORY 21 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 12 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 317
HISTORY LINE: 318
HISTORY LINE: 319
HISTORY LINE: 320
HISTORY LINE: 321
HISTORY LINE: 322
HISTORY LINE: 323
HISTORY LINE: 324
HISTORY LINE: 325
HISTORY LINE: 326
HISTORY LINE: 327
HISTORY LINE: 328
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 79
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 30
HISTORY END RAW_SCREEN 19-APR-1997 10:54:27
HISTORY START EXTRACTION 21-JAN-1998 23:38:16
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 9 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.5
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 5 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 23:38:23
END

Binary Table Header

```
XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 23:38:24.00
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)
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
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TUNIT4 = '          ' /Units of column 4
TDISP4 = 'I7        ' /Display format for column 4
FILENAME= 'LWR12300LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
```

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[Version 3.0](#) - June 2000