



The INES Archive Data Server

LWR12305LL.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 = 12305 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNNSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'YES' / 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= 36.30 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 86.7 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=129,B=43
COMMENT BY RA: LWR 4-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 59173
COMMENT BY RA: OFFSET 1 COORDINATES: 06 20 7.5 +37 12 52
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.700
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 3 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 779.752 SEC.(EFF); 780.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '08/01/82' / Observing date
TIMEOBS = '06:38:25' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 3178.937 / Integration time in seconds
RA = 97.5979 / Homogeneous R.A. in degrees
DEC = 36.6958 / Homogeneous Dec. in degrees
TARGET = '89 JULIA' / Object as given by Guest Observer

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TARGRA = 97.5979 / R.A. in degrees (given by GO)
TARGDEC = 36.6958 / Dec. in degrees (given by GO)
OBJECT = 'ZZ 89 JULIA' / Homogeneous Object ID
HJD-MID = 2444977.80049 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 12305, 89 JULIA, 53 MIN EXPO, LOW DISP, LARGE APERTURE
ERRORS AFTER 1ST 20 M EXPO: P=-4.5",Y=-2.8",P,Y=0 AFTER 2N
OFFSET FROM SAO 59173, EXPO DONE IN 3 PARTS, 2X20 M + 1X13
PROGRAM:SADDM OBSERVERS:NELSON/OCKERT DATE:1982/008
USED 4 MINUTE EXTENDED HEATER WARMUP FOR READ
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 19-APR-1997 10:13:35
HISTORY 32 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 = 97
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 47
HISTORY END RAW_SCREEN 19-APR-1997 10:14:20
HISTORY START EXTRACTION 21-JAN-1998 23:39:17
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 6 BLOCKS
HISTORY DEFAULT EXTRACTION
HISTORY DEFAULT POINT SOURCE PROFILE CENTERED AT 49.7
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 1 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 23:39:25
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 23:39:25.00
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= 'LWR12305LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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