



The INES Archive Data Server

LWR12303LL.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 = '11/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 12303 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= '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= 334.43 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=5X,B=55
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 076350
COMMENT BY RA: OFFSET 1 COORDINATES: 03 54 26.7 +24 19 07
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.400
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 7 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 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 7 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '08/01/82' / Observing date
TIMEOBS = '00:40:34' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code

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EXPTIME =      8097.319 / Integration time in seconds
RA       =      58.1091 / Homogeneous R.A. in degrees
DEC      =      24.0003 / Homogeneous Dec. in degrees
TARGET   = '22 KALLIOPE' / Object as given by Guest Observer
TARGRA   =      58.1091 / R.A. in degrees (given by GO)
TARGDEC  =      24.0003 / Dec. in degrees (given by GO)
OBJECT   = 'ZZ 22 KALLIOPE' / Homogeneous Object ID
HJD-MID  =      2444977.57894 / JD middle of obs. with Heliocentric corr.
COMMENT  IUE-VICAR HEADER START
        LWR 12303, 22 KALLIOPE, 135 MIN EXPO, LOW DISP, LARGE APER
        USED 4 MINUTE EXTENDED HEATER WARMUP FOR READ
        OFFSET FROM SAO 76350, EXPO DONE IN 7 PARTS:6X20 M + 1X15
        PROGRAM:SADDM OBSERVERS:NELSON/OCKERT DATE:1982/008
COMMENT  IUE-VICAR HEADER END
HISTORY  START RAW_SCREEN                               11-JUL-1997 03:48:30
HISTORY   37 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 = 203
HISTORY  SMALL APERTURE CONTINUUM DN LEVEL =  0
HISTORY  BACKGROUND DN LEVEL =  64
HISTORY  END RAW_SCREEN                               11-JUL-1997 03:49:38
HISTORY  START EXTRACTION                             21-JAN-1998 23:38:53
HISTORY  INES NOISE MODEL USED
HISTORY  CROSS-DISPERSION PROFILES BINNED IN 17 BLOCKS
HISTORY  EMPIRICAL EXTRACTION
HISTORY  CENTROID FOUND AT LINE 50.5
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 23:39:00
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 23:39:00.00
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= 'LWR12303LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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