



The INES Archive Data Server

LWR07902LL.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 = '07/09/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 7902 / 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= 109.77 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 96.0 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=155,B=32
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: UNKNOWN
COMMENT BY RA: OFFSET 1 COORDINATES: 16 46 36.1 -15 34 56
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 3 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 599.528 SEC.(EFF); 600.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1919.669 SEC.(EFF); 1920.0 SEC.(COM)
COMMENT BY RA: 38 DN ping at Y=399,406.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '30/05/80' / Observing date
TIMEOBS = '19:13:19' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 3718.790 / Integration time in seconds
RA = 252.4792 / Homogeneous R.A. in degrees
DEC = -16.0694 / Homogeneous Dec. in degrees
TARGET = '8 FLORA' / Object as given by Guest Observer

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TARGRA = 252.4792 / R.A. in degrees (given by G0)
 TARGDEC = -16.0694 / Dec. in degrees (given by G0)
 OBJECT = 'ZZ 8 FLORA' / Homogeneous Object ID
 HJD-MID = 2444390.32825 / JD middle of obs. with Heliocentric corr.
 COMMENT IUE-VICAR HEADER START
 LWR7902, 8 FLORA, 62MIN, LO DISP, LG APER
 PROGRAM:SACDM, OBSERVERS:NELSON/VEEDER, DATE:1980/151
 COMMENT IUE-VICAR HEADER END
 HISTORY START RAW_SCREEN 7-SEP-1997 01:51:38
 HISTORY 33 BRIGHT SPOTS DETECTED
 HISTORY 0 MISSING MINOR FRAMES DETECTED
 HISTORY 10 LINES AFFECTED BY MICROPHONICS:
 HISTORY LINE: 491
 HISTORY LINE: 492
 HISTORY LINE: 493
 HISTORY LINE: 494
 HISTORY LINE: 495
 HISTORY LINE: 496
 HISTORY LINE: 497
 HISTORY LINE: 498
 HISTORY LINE: 499
 HISTORY LINE: 500
 HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
 HISTORY POINT SOURCE
 HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 127
 HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
 HISTORY BACKGROUND DN LEVEL = 36
 HISTORY END RAW_SCREEN 7-SEP-1997 01:52:22
 HISTORY START EXTRACTION 21-JAN-1998 11:08:23
 HISTORY INES NOISE MODEL USED
 HISTORY CROSS-DISPERSION PROFILES BINNED IN 24 BLOCKS
 HISTORY EMPIRICAL EXTRACTION
 HISTORY CENTROID FOUND AT LINE 52.3
 HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
 HISTORY OUT OF 14720 PIXELS 12 REJECTED AS COSMIC RAY HITS
 HISTORY END EXTRACTION 21-JAN-1998 11:08:35
 END

Binary Table Header

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 11:08:35.00
 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= 'LWR07902LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000