



The INES Archive Data Server

LWR07899LL.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 = 7899 / 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= 354.95 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 85.4 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L E=221,C=200,B=50
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: 13 29 20.8 -18 28 18
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.000
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 8 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 299.701 SEC.(EFF); 300.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 7 EXPOSED 1299.535 SEC.(EFF); 1300.0 SEC.(COM)
COMMENT BY RA: SEGMENT 8 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: 23 DN ping at Y=474 to 464.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '30/05/80' / Observing date
TIMEOBS = '08:45:21' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode

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EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 11197.047 / Integration time in seconds
RA = 202.4050 / Homogeneous R.A. in degrees
DEC = -18.9586 / Homogeneous Dec. in degrees
TARGET = '63 AUSON' / Object as given by Guest Observer
TARGRA = 202.4050 / R.A. in degrees (given by G0)
TARGDEC = -18.9586 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 63 AUSONIA' / Homogeneous Object ID
HJD-MID = 2444389.93396 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 7899,63 AUSONIA,186 MIN 40 SEC,LARGE APER,LOW DISP
EXPOSED IN 8 SEGMENTS - POSTIONS CHECKED BETWEEN EXPOS
PROGRAM:SACDM, OBSERVERS:NELSON/VEEDER, DATE:1980/151
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 7-SEP-1997 02:11:25
HISTORY 48 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 8 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 423
HISTORY LINE: 424
HISTORY LINE: 425
HISTORY LINE: 426
HISTORY LINE: 427
HISTORY LINE: 428
HISTORY LINE: 429
HISTORY LINE: 430
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 155
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 57
HISTORY END RAW_SCREEN 7-SEP-1997 02:12:09
HISTORY START EXTRACTION 21-JAN-1998 11:07:47
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 13 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.9
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 11:07:56
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 11:07:57.00
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)

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TTYPE3 = 'SIGMA      ' /Label for column 3
TUNIT3 = 'ERG/CM2/S/A' /Units of column 3
TDISP3 = 'E15.7      ' /Display format for column 3
TFORM4 = 'I1         ' /Integer*2 (short integer)
TTYPE4 = 'QUALITY    ' /Label for column 4
TUNIT4 = '           ' /Units of column 4
TDISP4 = 'I7         ' /Display format for column 4
FILENAME= 'LWR07899LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000