



The INES Archive Data Server

LWR01891LL.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 = '10/08/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 1891 / 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= 346.22 / 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 MAX DN => 255
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: XS PREP USED
COMMENT BY RA: OFFSET 13 FROM: 39 OPH
COMMENT BY RA: OFFSET 13 COORDINATES: 17 14 57.5 -24 14 04
COMMENT BY RA: OFFSET 13 MAGNITUDE: 5.400
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 4 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: Homogeneous coordinates not available; G0 coordinates used.
COMMENT BY RA: Ping: 36 DN from Y=219 to Y=203.
COMMENT BY RA: Largest EX,EY after segment = 0.79", 1.9", respectively.
DATEOBS = '25/07/78' / Observing date
TIMEOBS = '10:00:00' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4798.370 / Integration time in seconds

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RA      =          259.4041 / Homogeneous R.A. in degrees
DEC     =          -23.9519 / Homogeneous Dec. in degrees
TARGET  = '10 HYGIEA'      / Object as given by Guest Observer
TARGRA  =          259.4041 / R.A. in degrees (given by G0)
TARGDEC =          -23.9519 / Dec. in degrees (given by G0)
OBJECT  = 'ZZ 10 HYGIEA'   / Homogeneous Object ID
HJD-MID =          2443714.94881 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWR1891 10HYGLEA 80MIN LG APER LO DISP TOMASK0/ZELLNER
        NO LAMP-EXP TIME=4798 SECS
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                      10-AUG-1997 13:56:58
HISTORY 47 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 10 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 678
HISTORY LINE: 679
HISTORY LINE: 680
HISTORY LINE: 681
HISTORY LINE: 682
HISTORY LINE: 683
HISTORY LINE: 684
HISTORY LINE: 685
HISTORY LINE: 686
HISTORY LINE: 687
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 177
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 39
HISTORY END RAW_SCREEN                        10-AUG-1997 13:57:46
HISTORY START EXTRACTION                     20-JAN-1998 20:25:20
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 32 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 52.5
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 12 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                       20-JAN-1998 20:25:31
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 20-Jan-1998 20:25:31.00
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)
TTYPER1 = '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)
TTYPER2 = '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)
TTYPER3 = 'SIGMA    ' /Label for column 3
TUNIT3  = 'ERG/CM2/S/A' /Units of column 3

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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= 'LWR01891LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000