



The INES Archive Data Server

LWR09497LL.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 = '20/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9497 / 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= 334.74 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 86.0 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=220,B=40
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: SAO 75945
COMMENT BY RA: OFFSET 1 COORDINATES: 03 25 30.9 +22 38 00
COMMENT BY RA: OFFSET 1 MAGNITUDE: 7.200
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 5 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1799.656 SEC.(EFF); 1800.0 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 1919.669 SEC.(EFF); 1920.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '14/12/80' / Observing date
TIMEOBS = '23:07:15' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 8218.403 / Integration time in seconds
RA = 51.0250 / Homogeneous R.A. in degrees

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DEC      =                22.1378 / Homogeneous Dec. in degrees
TARGET  = '10HYGIEA'      / Object as given by Guest Observer
TARGRA  =                51.0250 / R.A. in degrees (given by G0)
TARGDEC =                22.1378 / Dec. in degrees (given by G0)
OBJECT  = 'ZZ 10 HYGIEA'  / Homogeneous Object ID
HJD-MID = 2444588.51590 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWR 9497, 10 HYGIEA, LOW DISP, LARGE APER, 137 MIN EXPO
        EXPO IN 5 PARTS; 15 & 30 & 30 & 30 & 32 MIN EXPOSURES
        OFFSET FROM SAO 75945
        OBSERVERS: VEEDER/NELSON/MCCORD, PROGRAM:SACDM, DATE:1980.34
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                20-JUL-1997 17:02:33
HISTORY 33 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 = 169
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 43
HISTORY END RAW_SCREEN                20-JUL-1997 17:03:37
HISTORY START EXTRACTION                21-JAN-1998 16:17:28
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 22 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 51.4
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 2 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                21-JAN-1998 16:17:39
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:17:39.00
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
TDISP3  = 'E15.7 ' /Display format for column 3
TFORM4  = '1I ' /Integer*2 (short integer)
TTYPER4 = 'QUALITY ' /Label for column 4
TUNIT4  = ' ' /Units of column 4
TDISP4  = 'I7 ' /Display format for column 4
FILENAME= 'LWR09497LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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