



The INES Archive Data Server

LWP29066LL.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 = '23/03/96' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWP' / Camera
IMAGE = 29066 / 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= 330.70 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWP92R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L B=80
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: 0 BAD SCAN STARTS NOTED ON SCRIPT
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: OFFSET 1 FROM: SAO 163614
COMMENT BY RA: OFFSET 1 COORDINATES: 20 20 0.6 -17 58 51
COMMENT BY RA: OFFSET 1 MAGNITUDE: 5.000
COMMENT BY RA: EXPOSURE 1 SEGMENTED (14 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 899.768 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1499.832 SEC.(EFF); 1500.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1799.659 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 1799.659 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 7 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 8 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 9 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 10 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 11 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 12 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 13 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)

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COMMENT BY RA: SEGMENT 14 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
 COMMENT BY RA: Missing THDA End at 94/244 06:48 UT.
 COMMENT BY RA: WARNING: Some LWP low dispersion spectra taken after 12 Nov 1992
 COMMENT BY RA: are contaminated by scattered solar spectrum.
 DATEOBS = '01/09/94' / Observing date
 TIMEOBS = '01:48:03' / Observing time
 EXPTRMD = 'NO-TRAIL' / Trail mode
 EXPMULT = 'NO' / Multiple exposure mode
 EXPSEGM = 'YES' / Segmented exposure code
 EXPTIME = 17994.875 / Integration time in seconds
 RA = 307.2629 / Homogeneous R.A. in degrees
 DEC = -17.9575 / Homogeneous Dec. in degrees
 TARGET = '16 PSYCHE' / Object as given by Guest Observer
 TARGRA = 307.2629 / R.A. in degrees (given by G0)
 TARGDEC = -17.9575 / Dec. in degrees (given by G0)
 OBJECT = 'ZZ 16 PSYCHE' / Homogeneous Object ID
 HJD-MID = 2449596.68404 / JD middle of obs. with Heliocentric corr.
 COMMENT IUE-VICAR HEADER START
 LWP 29066, 16 PSYCHE, 300 MIN EXPO, LO RES, LG APER
 EXPO TAKEN IN FOURTEEN SEGMENTS
 OBSERVER: NA ID: ASPSS 1994 SEP 1 DAY 244
 COMMENT IUE-VICAR HEADER END
 HISTORY START RAW_SCREEN 23-MAR-1996 19:54:10
 HISTORY 32 BRIGHT SPOTS DETECTED
 HISTORY 0 MISSING MINOR FRAMES DETECTED
 HISTORY NO LARGE APERTURE FLUX DETECTED; SOURCE DETERMINATION
 HISTORY BASED ON OBJECT CLASS 5
 HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
 HISTORY POINT SOURCE
 HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 0
 HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
 HISTORY BACKGROUND DN LEVEL = 71
 HISTORY END RAW_SCREEN 23-MAR-1996 19:54:55
 HISTORY START EXTRACTION 20-JAN-1998 08:50:04
 HISTORY INES NOISE MODEL USED
 HISTORY CROSS-DISPERSION PROFILES BINNED IN 1 BLOCKS
 HISTORY BOX-CAR EXTRACTION
 HISTORY EMPIRICAL PROFILE CENTER AND PEAK DIFFER BY MORE THAN 2 PIXELS
 HISTORY REJECT PIXELS DEVIATING BY 0.0 SIGMA
 HISTORY OUT OF 14720 PIXELS 0 REJECTED AS COSMIC RAY HITS
 HISTORY END EXTRACTION 20-JAN-1998 08:50:08
 END

Binary Table Header

XTENSION= 'BINTABLE' /Written by IDL: 20-Jan-1998 08:50:08.00
 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= 'LWP29066LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000