

### IX.3.5B-SYSTEM-WPRDH,WPRDFH SUBROUTINES WPRDH AND WPRDFH

#### Description

Subroutine WPRDH creates a new regular or mixed time series in the Processed Data Base.

Subroutine WPRDFH creates a future time series time series in the Processed Data Base.

#### Calling Sequence

CALL WPRDH (ITSID, ITYPE, ITSTEP, IUNITS, NVALX, LOCAT, ITSIDF, INFO,  
NX, XBUF, MAXW, IWKBUF, IREC, ISTAT)

CALL WPRDFH (ITSID, ITYPE, ITSTEP, IUNITS, NVALX, LOCAT, INFO,  
NX, XBUF, MAXW, IWKBUF, IREC, ISTAT)

#### Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
ITSID	Input	A8	1	Time series identifier
ITYPE	Input	A4	1	Data type code
ISTEP	Input	I*4	1	Data time interval (units of HR); valid values are 1, 2, 3, 4, 6, 8, 12 and 24
IUNITS	Input	A4	1	Data units code
NVALX	Input	I*4	1	Number of values per time step (non-zero only for variable number of time steps)
LOCAT	Input	R*4	2	Latitude and longitude (units of degrees and tenths)
ITSIDF	Input	A8	1	Future time series identifier (must have been created with WPRDFH): Blank = no future identifier
INFO	Input	A20	5	Descriptive information
NX	Input	I*4	1	Number of words in XBUF
XBUF	Input	R*4	NX	Extra buffer to be appended to header

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
MAXW	Input	I*4	1	Number of words in IWKBUF
IWKBUF	Input	I*4	MAXW	Work buffer used in creating time series; must be large enough to include header, XBUF and total number of words of data
IREC	Output	I*4	1	Record number of time series header record in file
ISTAT	Output	I*4	1	Status code: 0 = okay 1 = no room in file 2 = time series already exists 3 = invalid time step 4 = invalid data type code 5 = invalid units code 6 = file read/write error 7 = work buffer too small 8 = missing future time series identifier or should not have future identifier 9 = future time series does not exist 10 = invalid number of values per time step 11 = time series identifier is blank or 'END' 12 = invalid latitude and/or longitude