

## IX.6.2-SYSTEM-EPP SUBROUTINE EPP

### Description

Subroutine EPP is the driver for the ESP data preprocessor.

It calls the appropriate subroutines to generate a month of time series data.

### Calling Sequence

CALL EPP (D,LD,IWKLOC,MD,TSESP,LOC,IDLOOP,LJDCON,IHZERO,KNTYR,NYRS,  
NVPDT,IER)

### Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
D	Input	R*4	MD	Array D
LD	Input	I*4	1	Starting location in array D for the time series
IWKLOC	Input	I*4	1	Starting location in array D for work space
MD	Input	I*4	1	Length of array D
TSESP	Input	R*4	MTSESP	Array TSESP
LOC	Input	I*4	1	Starting location in array TSESP for the time series
IDLOOP	Input	I*4	1	First Julian day of the current historical year loop
LJDCON	Input	I*4	1	Last Julian day for the conditional simulation of the current historical year loop
IHZERO	Input	I*4	1	Hour of the first data value to be read minus the time interval
KNTYR	Input	I*4	1	Count of the historical year being simulated (eg. the current historical year minus the first historical year + 1)
NYRS	Input	I*4	1	Total number of historical years to analyze

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
NVPDT	Input	I*4	1	Number of time series values per time interval
IER	Output	I*4	1	Error indicator: 0 = normal return 1 = error encountered