IX.4.6B-ESPPARM EXTENDED STREAMFLOW PREDICTION SYSTEM FILE ESPPARM

Purpose

File ESPPARM contains information needed by the Extended Streamflow Prediction (ESP) System that is not stored in the Forecast Component Data Base.

Description

ATTRIBUTES: fixed length 320 byte binary records

RECORD STRUCTURE:

The first record for a Segment is defined by IEREC in the entry in file FCSEGSTS for that Segment.

The number of words used by a Segment can be computed as follows:

NWORD=16+LTSESP+LPESP+LSPESP

The number of records used by a Segment can be computed as follows:

N=(NWORD+79)/80

Integer variables are actually integer values stored in the file as real values.

Variable	Type	Dimension	Word Position	Description
The first record on the file is the file header record:				
MXREC	I*4	1	1	Maximum number of records 1/
NXREC	I*4	1	2	Next available record 1/
LRECL	I*4	1	3	Logical record length 1/
The remaining records contain the parameter values for each Segment:				
ID	A8	1	1	Segment name
NSREC	I*4	1	3	Record number of the next Segment
IECRDT	I*4	5	4	Date Segment was defined in the ESPPARM file: IECRDT(1) = month IECRDT(2) = day IECRDT(3) = year (4 digit) IECRDT(4) =hour and minute (military)

Variable	Type	Dimension	Word Position	Description
				IECRDT(5) =seconds and milliseconds
IECKDT	I*4	5	9	Date the ESP time series definitions were last checked against the FC time series definitions for the Segment: IECKDT(1) = month IECKDT(2) = day IECKDT(3) = year (4 digit) IECKDT(4) =hour and minute (military) IECKDT(5) =seconds and milliseconds
LTSESP	I*4	1	14	Length of array TSESP
LPESP	I*4	1	15	Length of array PESP
LSPESP	I*4	1	16	Length of array SPESP
TSESP	R*4	LTSESP	17 to 16+ LTSESP	Array TSESP
PESP	R*4	LPESP	17+ LTSESP to 16+ LTSESP+ LPESP	Array PESP
SPESP	R*4	LSPESP	17+ LTSESP+ LPESP to 16+ LTSESP+ LPESP+ LSPESP	Array SPESP

Notes:

1/ Stored as an R*4 value.