

IX.4.0B-HCLOPTNS HYDROLOGIC COMMAND LANGUAGE FILE HCLOPTNS

Purpose

File TEMP.HCLOPTNS contains the records from Hydrologic Command Language Options specified at run time.

Description

ATTRIBUTES: fixed length 64 byte binary records

RECORD STRUCTURE:

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
NUMREC	I*4	1	1	Number of logical records in entire Option record
NFUNCN	I*4	1	2	Function to which Option applies: 0 = all functions >0 = internal function number

The following variables are repeated for each Technique or MOD:

NUMWDS	I*4	1	?	Number of words in Option
NTECHN	I*4	1	?	Technique number: <0 = Global 0 = MOD follows >0 = Local

For Techniques:

ITECHV	I*4	1	?	Value of Technique
NUMIDS	I*4	1	?	Number of identifier sets (zero for Universal Techniques)

The following variables are stored if NUMIDS is not zero:

IDTYPE	I*4	1	?	Type of identifiers: 1 = Segment 2 = Forecast Group 3 = Carryover Group 4 = area
IDPROC	I*4	1	?	Processing code: 1 = process a range of identifiers

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
				>1 = process IDPROC-1 identifiers -1 = process all but identifiers in range <-1 = process all but IDPROC-1 identifiers

IDENTS	A	2 per ID or 4 for range	?	Identifiers
--------	---	-------------------------------	---	-------------

IDFLAG	I*4	1	?	Set to zero if IDPROC is 1 or -1 Set to number of identifiers if IDPROC is >1 or <-1
--------	-----	---	---	---

Variables IDPROC, IDENTS, and IDFLAG are repeated NUMIDS times.

NARGS	I*4	1	?	Number of arguments; zero for Techniques with no Arguments; skip to next Option if zero
-------	-----	---	---	---

For Technique with Arguments:

NARGN	I*4	1	?	Internal Argument number: >0 = Local <0 = Global
-------	-----	---	---	--

LENARG	I*4	1	?	Length of Argument value in words
--------	-----	---	---	--------------------------------------

IARGV	I*4	LENARG	?	Argument value
-------	-----	--------	---	----------------

Variables NARGN, LENARG and IARGV are repeated NARGS times.

For Run-time MODs:

UNUSED	I*4	1	?	Unused word; set to zero
--------	-----	---	---	--------------------------

NMODS	I*4	1	?	Number of MOD cards; skip to next Option if zero
-------	-----	---	---	---

LENMOD	I*4	1	?	Length of MOD card (with blanks removed)
--------	-----	---	---	---

MODCRD	A	LENMOD	?	MOD card
--------	---	--------	---	----------

Variables LENMOD and MODCRD are repeated NMODS times.