

IX.4.7B CONTENTS OF FLASH FLOOD GUIDANCE (FFG) SYSTEM PARAMETER ARRAYS

This Section describes the contents of the Flash Flood Guidance (FFG) System parameter arrays stored in parametric records.

The descriptions are organized in alphabetical order.

The following is a list of the parameter arrays:

<u>Type</u>	<u>Contents</u>
AFFG	Area guidance parameters [Hyperlink]
CARY	Model carryover values [Hyperlink]
GDPM	Grid runoff adjust parameters [Hyperlink]
GRID	Gridded threshold runoff and flash flood guidance values [Hyperlink]
GRIDX	Gridded threshold runoff and flash flood guidance values (xmrg format) [Hyperlink]
GRPP	Groups of products parameters [Hyperlink]
HFFG	Headwater guidance parameters [Hyperlink]
INDEX	Parameter array index [Hyperlink]
PROD	Products and their contents parameters [Hyperlink]
TEXT	Text product parameters [Hyperlink]
USER	General user parameters [Hyperlink]
WSUP	Water supply guidance parameters [Hyperlink]

The following information is included for each parameter array:

- o Purpose
- o Array contents
 - o Full word starting location of each variable in array
 - o Dimension of each variable
 - o Type of each variable 1/
 - o C*n = n-byte Alphanumeric
 - o I*4 = 4-byte Integer
 - o I*2 = 2-byte Integer

- o R*4 = 4-byte Real
- o Indicator as to whether each variable is input by user or generated by the program

The first word in each parameter array is the parameter array version number. This number is used to indicate to the software using the array the format of the parameters in the array. The version number is changed whenever the structure of the array is changed.

Note:

1/ All variables are stored in the parameter array as real numbers except I*2 variables. The type indicated is the variable type before it is stored in the array. Real and character variables are stored with no conversion. Integer variables greater than zero have .01 added when they are stored. Integer variables less than zero have .01 subtracted when they are stored. INTEGER*2 variables are stored by moving the actual I*2 bytes into the parameter array.