IX.4.7A FLASH FLOOD GUIDANCE (FFG) SYSTEM FILE DESCRIPTIONS

Purpose

The Flash Flood Guidance System (FFGS) files contain parametric data
used by the FFGS programs.

Physical Characteristics

The records in the parametric files are stored as variable length
records. Each parameter record is stored as a file. The parameter
records of the dual purpose parametric/output files are stored as
fixed length records so the flash flood guidance values are always
written to the same location in each record.

The parametric files are named according to their parameter types:

Type	Description
cary	Rainfall-runoff and snow model carryover files
gdpm	Grid runoff adjust parameters
grff	Gridded flash flood guidance values
grpp	Groups of products
grro	Gridded threshold runoff values
prod	Product contents
text	Information used as text

The dual purpose files are listed according to their parameter types:

affg	Area guidance
hffg	Headwater guidance

Individual files include:

index	Indices for the parametric files above
usrinfo	User information and options available in computing flash flood guidance

The following NWSRFS data types shared with the NWSFFGS are listed
according to their type codes (see the NWSRFS User's Manual for
complete documentation):

BASN	Basin boundaries
FFG	Flash flood guidance rainfall runoff curves
RTCV	Rating curves
QME	Forecast flow time series
USER	General user Parameters

This Section contains detailed information about the following Flash
FFGS files:

    o /affg/[id]   - contains area parameters and flash flood guidance
                      for identifier [id] [Hyperlink]

    o /cary/[id]   - contains model carryover values for identifier
                      [id]

    o /gdpm/[id]   - contains grid runoff adjust parameter files for
                      identifier [id]

    o /grff/xhr[d] - contain gridded flash flood guidance for duration
                      [d]

    o /grpp/[id]   - contains parameters for groups of products for
                      identifier [id]

    o /grro/xhr[d] - contain gridded threshold runoff for duration [d]

    o /[dir]/index - contains identifiers of files in directory [dir]

    o /hffg/[id]   - contains headwater parameters and flash flood
                      guidance for identifier [id]

    o /prod/[id]   - contains parameters for product contents for
                      identifier [id]

    o /text/[id]   - contains information used as text for identifier
                      [id]

    o /user/usrinfo - contains general user parameters

    o /wsup/[id]   - contains water supply parameters for identifier
                      [id]

The following information is included for each data file:

    o Purpose

    o Description

        o File Name

        o Attributes

        o Record Structure

            o Variable Name

            o Type:

                C*n = n-byte Alphanumeric
                I*4 = 4-byte Integer
                I*2 = 2-byte Integer

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R*4  = 4-byte Real
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o Dimension

o Word Position

o Description