

VI.2.6 FLASH FLOOD GUIDANCE (FFG) SYSTEM APPLICATION INFORMATION

This Section contains general information about using the Flash Flood Guidance (FFG) system.

The FFG system includes the Guidance Computation program (FFGUID) program and the Product Generation program (PRODGEN).

Flash flood guidance parametric information is defined using the Setup Menu in programs FFGUID and PRODGEN. The parameters can be entered from sub-menus or read from ASCII files and are written to binary files. Parameters in the binary files can be output to ASCII files which are in the format used for definition.

Program FFGUID computes flash flood guidance values.

Program PRODGEN uses the flash flood guidance values to create flash flood guidance products. The SHEF [[Hyperlink](#)] encoded output files are written to one or more files. An option in program PRODGEN allows each product to be written to a separate file or all products to be written to one file. All gridded FFG products are encoded in GRIB. A separate GRIB encoded bulletin can be generated for each duration of flash flood guidance or all durations can be output to one GRIB bulletin.

Since flash flood guidance products are usually computed and generated at one time a group file can be defined which contains a list of the product identifiers included in a group.

A product definition file contains parameters for the WMO header and a list of all locations that are desired in a single product.

A text definition file contains text parameters including column headings which can be used in products. Some standard column headings are included and can be referenced by pseudo identifiers so the user does not need to define them.

Program XNAV can be used to display gridded and area (zone/county FFG) flash flood guidance data.