VI.3.6A-SETUP-GRID PROGRAM FFGUID SETUP MENU FOR GRIDDED PARAMETERS

The Setup Menu for Grids is used to process Gridded parameters.

An example of the menu is:

```
                              GRIDDED PARAMETERS

 Enter input (r-threshR  f-file  s-save  t-terminal  m-menu
```

Selection r-threshR input

Gridded runoff files from threshR are of the form:

   wfo/huc/rval/rvalgrid_meth_dur_basins_gridres[_interp]

   where wfo is $LOCATION and huc is $MAPSET.

Be sure to be in the directory above $LOCATION to use this feature.

All the subdirectories and filename suffixes shown above are controlled by the following prompts:

```
 Method (1, 2, 3 or 4:                        (1) 4
 Duration (0-all 1-1hr  3-3hrs  6-6hrs):      (2) 0
 Basins (a-ll  s-source):                     (3) a
 Grid resolution in 4km units (1-1 unit):     (4) 1
 Interp (m-missing  n-not smooth  s-smooth): (5) s

Select (number or <return>-continue):
```

A filename suffix is changed by selecting the option number (1 to 5) and then entering the desired choice as prompted. Choices are remembered until changed. A brief description of the options follows:

   Method - runoff processing option used in threshR.

   Duration - 0 includes the 1-, 3-, and 6-hour durations.

   Basins - a means all basins or s means source basins only.

   Grid resolution in 4 km units - only 1 unit is currently used.

   Interp - m: no interpolation of missing runoff values
            n: interpolate missing runoff values from surrounding nonzero runoff values
            s: interpolate all values from surrounding nonzero runoff values.

After the options are set, the prompt appears for the $LOCATION directory:

Enter WFO:

Followed by the prompt for the $MAPSET directory:

Enter HUC:

The input file(s) will be read into memory after the entire gridded runoff field is retrieved from the database.

After an input file has been read, the message appears:

Read xxxx runoffs in yyyy records from
wfo/huc/rval/rvalgrid_4_1_a_1_sm

Another selection saves the data.

Selection f-file input

This selection prompts for a filename (and directory) of an ASCII file containing the desired parameters. Another selection saves the data. The gridded input data required in the file is described in section VI.3.6C-FFGUID-GRID.

Selection s-save input

After runoff values have been loaded from files using t-threshR or f-file, the runoff values must be saved before exiting this menu. The save option is not used with runoff values entered using t-terminal.

Selection t-terminal input

This selection displays the following sub-menu:

```
EDIT GRIDDED FIELD

 R - Runoff
 G - FF Guidance
 M - Menu

Select:
```

After R or G is selected, the size of the display grid can be changed if desired by responding to the following prompt:

Change window size ([26] rows [19] columns):

Select duration:

Enter duration (1, 3, 6, 12, 24 hrs):

Part of the gridded field is displayed followed by the prompt:

```
Enter (l-left r-right u-up d-down  a-all bins  b-boundary
      t-time [ 3-hr]  D-shift Display  F-fill  c-change
      s-save  m-menu):
```

Directional movement in the field is made by entering l-left, r-right, u-up, or d-down. Each movement is incremental based on the window size specified earlier.

a - all bins in RFC area are available for display

b - displays bins in area specified by boundary identifier (zone, headwater, basin, etc.)

t - selects time of duration (1, 3, 6, 12 or 24 hours)

D - shifts the display window independent of the window size

F - fills in missing grid values from surrounding bins

c - edits a grid value

s - saves any changed gridded values for all durations

m - returns to the previous menu

The above responses are case sensitive as shown.

Selection m-menu

This selection returns to the Setup Menu.