VI.3.6A-SETUP-USER PROGRAM FFGUID SETUP MENU FOR USER CONTROL PARAMETERS

The Setup Menu for User Controls is used to process the User Control parameters.

An example of the menu is:

```
                          USER CONTROLS MENU

        Duration          Gridded                    Headwater
                    Maximum    Minimum          Maximum    Minimum
         1-hour:  ( 1) 15.0  ( 2)  0.1        (11) 20.0  (12)  0.1
         3-hour:  ( 3) 15.0  ( 4)  0.1        (13) 20.0  (14)  0.1
         6-hour:  ( 5) 15.0  ( 6)  0.2        (15) 20.0  (16)  0.1
        12-hour:  ( 7) 15.0  ( 8)  0.2        (17) 20.0  (18)  0.1
        24-hour:  ( 9) 15.0  (10)  0.2        (19) 20.0  (20)  0.1

        Bankfull Factor:      (21) 1.10
        Runoff Adjust:        (22) 0                (23) 0
        High Flow Adjust:     (24) 2                (25) 1
        Area Method (1-Minimum [2]-Average) Grid:   (26) 2
        Computer Time Zone (E,C,M,P,A,H,N,[Z]):     (27) E

        User HRAP grid:  (28)
          West column:        311
          Number of columns:   59
          South row:          410
          Number of rows:      83

        Grid Fill Control:
          ([0]-off  1 to 5-fill col/row  6-fill grid):  (32) 3

        Check Decreasing FFG:
          ([0]-no  1-grids,zones,hdwtrs  2-zones,hdwtrs):  (33) 1

        Water Supply Runoff:
          ([0]-no  1-/sqmi  2-total area):     (34) 1
           Rainfall:  1.0  2.0  3.0  4.0  5.0  8.0

    Select (1-34 or <return>-menu):
```

The maximum and minimum values of guidance are set by extrema (1) to (20):

- a -1.0 indicates to the computation program not to compute guidance for the duration
- a positive maximum value with a negative minimum value will compute guidance for the duration but exclude the duration in the final product
- the highest allowable maximum is 20.0 inches and the lowest allowable minimum is 0.0
- default values are shown on the User Control Menu above.

The bankfull factor (21) adjusts the gridded threshold runoff values to slightly exceed bankfull to initiate flooding.

Runoff adjust, (22) and (23), adjusts gridded/area and headwater threshold runoff and/or guidance values, respectively, when set to 1.

High flow adjust, (24) and (25), obtains forecast flows from OFS to

adjust gridded/area and headwater guidance for high flows, respectively, when set to 1. For grids, when (24) is set to 2, threshold runoff values are reduced by the storm runoff in event API models.

Area method (26) specifies how area (zone, county, urban) guidance is computed from the gridded guidance values within an area boundary.

The computer system time zone (27) allows use of Z time on the workstation regardless of the local time zone in which the FFGS is used. The time zone appearing in output products is specified in the product definition sections of this manual (VI.3.6B-SETUP-PROD or VI.3.6C-INFILE-PROD).

Allowable time zones are as follows:

E - Eastern
C - Central
M - Mountain
P - Pacific
A - Alaska
H - Hawaii
N - Nome
Z - Universal Time Coordinated (UTC)

Daylight savings time is controlled in FFGS. The workstation time must always reflect correct local time unless Z time is used as the workstation time zone.

RFC Southwest HRAP Corner (28) transfers these values from the OFS database to the FFGS database.

Grid fill control (32) fills n columns left and right of the defined columns in a current HRAP row. When the current row is the most northern row, n rows are filled north of the boundary and likewise for the most southern row except south of the boundary. The value of n can range from 0 to 5. The default is 3.

Check Decreasing FFG (33) sets FFG values same as FFG for next shorter duration so FFG values never decrease as duration increases. FFG computations with a snow pack may result in decreasing FFG values. When (33) is 1, gridded FFG is checked and set as needed (counties based on grids). When (33) is 2, only county FFG is checked.

Water supply runoff (34) is computed for specified rainfalls when set greater than zero. A prompt appears for entering values for the six specified rainfalls.