

Table 4-2
Summary of Continuous Simulation Output Levels

Record	Level	Description
Q Column 5	-	No output from hydraulics computations.
	A	Discharge, starting water surface elevation, water temperature, flow duration. General hydraulic parameters for each cross section.
	B	Initial geometry, distribution of hydraulic parameters across subsections.
	D	Trace information.
	E	Detailed trace information. Hydraulic data for each incremental area, each trial elevation in backwater computations at each cross section.
Q Column 6	-	No output from sediment computations.
	A	Volume of sediment entering and exiting model, trap efficiency.
	B	Bed elevation changes, water surface elevations, thalweg elevation, sediment load exiting model.
	C	Detailed output; including transport potential, load, and bed gradation per grain size.
	D	Detailed trace information
\$DREDGE Column 8	A - E	Levels A - E provide output from the dredging routines. The magnitude of this output ranges from simple data echo (level A) to detailed trace information (level E).
\$PRT Column 8	N	Turn off output at all cross sections.
	A	Provide output for all cross sections at Q record output level.
CP	-	The stream segment number where needed cross sections are located. Used with \$PRT option.
PS	-	Cross sections where output is requested. Used with \$PRT option.
END	-	End of \$PRT records.
\$VOL Column 7	-	Cumulative bed and volume change.
	X	Table of volume versus elevation.
\$VOL Column 8	A	Cumulative weight of sediment passing each cross section for each sediment size class.
VJ, VR	-	Input parameters for elevation-volume table; used with \$VOL record.

4.4 Hydraulic Calculations (Q)

The water surface profile is calculated before the sediment calculations