8.5 Change a Slot's Summary Function

Summary Functions are described HERE (Section 4.6)

To change a slot's **Summary Function**, the **SCT must be unlocked**. When the SCT is unlocked, there are three ways to change **Summary Functions**. The first changes the summary functions of all slots in the SCT, the second two ways are for individual slots. If you wish to set most of the slots to use one or more summary functions, then change a few individual slots, use the **Set SCT Aggregation Summary Functions** first, then change specific slots as needed.

1. From the SCT, select the Aggregation → Set Summary Functions... menu to open the Set SCT Aggregation Summary Functions dialog as shown in the following screenshot.

This dialog allows you to specify the Summary Function for all slots in the SCT based on the unit type

or the slot name. You create rows that will match one or more slots and then select the Summary Function for that row.

Click on the Unit Type toggle or the Slot Name toggle to specify which component you wish to use:

- Unit Type: select the desired type from the pull down menu.
- Slot Name: type all or part of a slot name in the text box or use the button to select a slot name using the selector. As indicated in the note, the entered text must be contained in the Slot's name for a match to occur.

Use the Summary Function to choose one of the items, First, Last,... as described HERE (Section 4.6.2).

Add or remove rows from the dialog using the \square and \square buttons.

The number of slots matched for each row is displayed in the last column.

Unit Type	Slot Name*	Summary Function	S
Flow	• 0	 Ave 🔻	₽ =
Volume	 ▼ ○ 	 Last 👻	+ =
 Length 	• 0	 Last 👻	┣ ━
		Last 🔻	-

Summary Function

Med

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Last

Last

Last

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- 🕂

Apply to SCT

52

Slots

2

1

2

1

0

0

Close

The first matching row is used for the slot, so the order of the rows may matter. For example, in the screenshot, Pool Elevation is the first row using **Med**, and Length is the last row using **Last**. Thus, all Pool Elevations in the SCT will use the **Med** function for aggregation.

When you choose the

Apply to SCT button, the matched slots are given the appropriate summary function.

Use the **Restore RiverWare Default** to return the dialog to its original state, that is, one row for Flow using the Ave function, one row for Volume using the Last function, and one row for Length using the Last function. There is a final "catch-all" row that uses the Last function as the default.

Specify summary functions for SCT slot items based on Unit Type or Slot Name. The first row matching a particular slot is used

Slot Name*

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*Slot name matches are based on the slot's name containing the specified slot name text.

Pool Elevation

Diversion

 $\overline{\mathbf{v}}$

- 0

- 0

- 0

Ket SCT Aggregation Summary Functions

Restore RiverWare Default Cancel Changes

for that slot.

Unit Type

Any

Flow

Any

Volume

Length

2. In the Aggregated Horizontal Timestep Axis View, if the Summary Function column in the Row Header Table is shown (see the SCT Configuration Horizontal Time Tab), users can double click in the slot's Summary Function field to show an option menu with the available Summary Function choices.

To read more about showing the **Summary Function** column in the **Aggregated Horizontal Timestep Axis View**, also see: **How to Configure Row and Column Headers**

3. A slot's Summary Function can also be changed by selecting a single slot and choosing the Slots → Set Label / Function... menu operation. This displays the dialog box shown here. The user can select a different choice from the Summary Function: option menu.

		Slot Label	Units		11/30/96 Sat
M	►	In	cfs	Sum 💌	64 <mark>,600</mark>
2	►	Div	cms	1st 🔊	0.00
	►	Energy	1,000 MWH	Last	1.20
	►	Pow	MW	Sum =	50.11
	►	Sp	cfs	Med	0.00
		LakeHavasuPar		Min	
2	►	In	cfs	Max	70,399
	►	Energy	1,000 MWH	2nd	NaN
	►	Div	cms	3rd 4th	NaN
	►	Pow	MW	5th T	NaN
ΔA.	►	Sn	cfs	Sum	NaN

