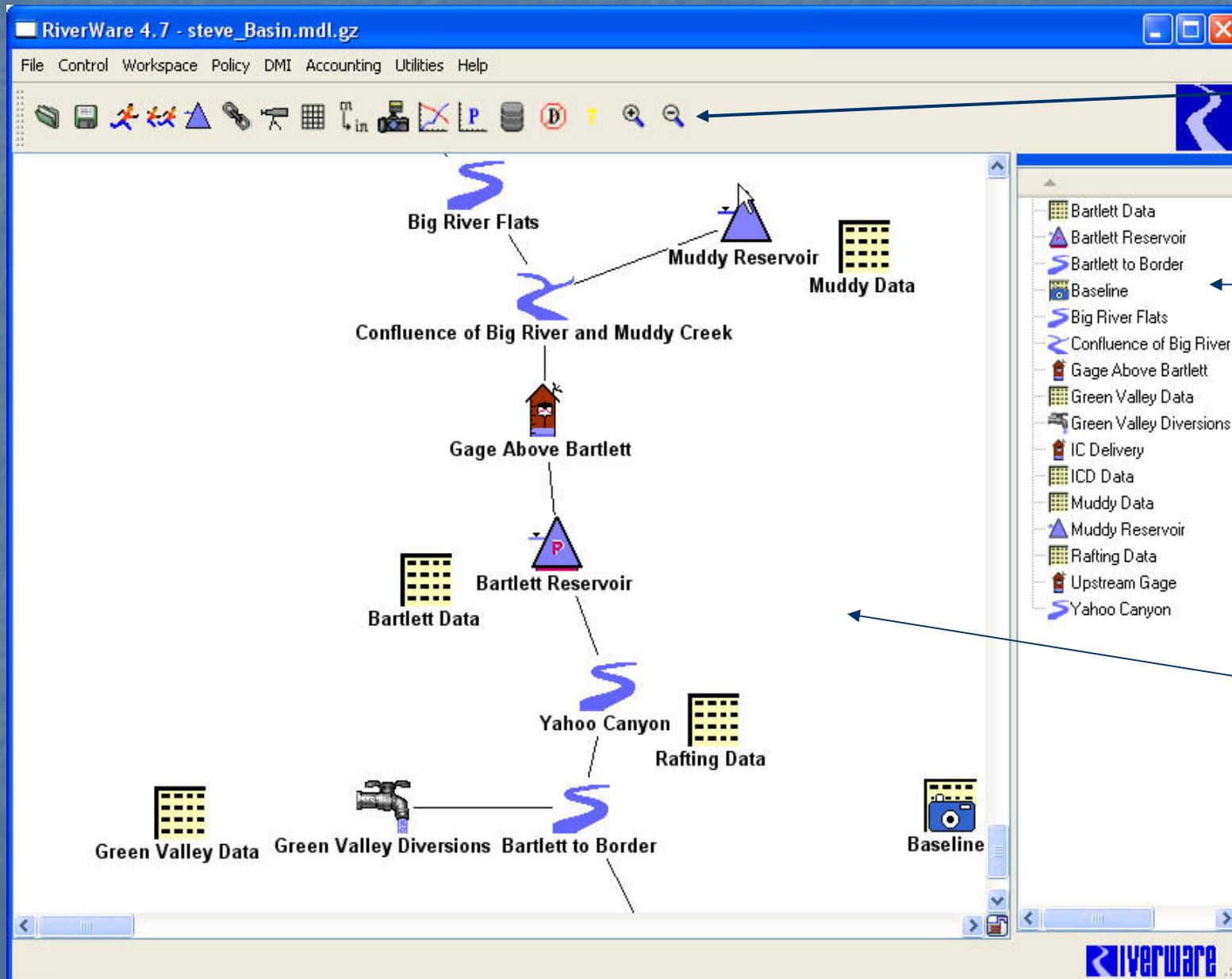
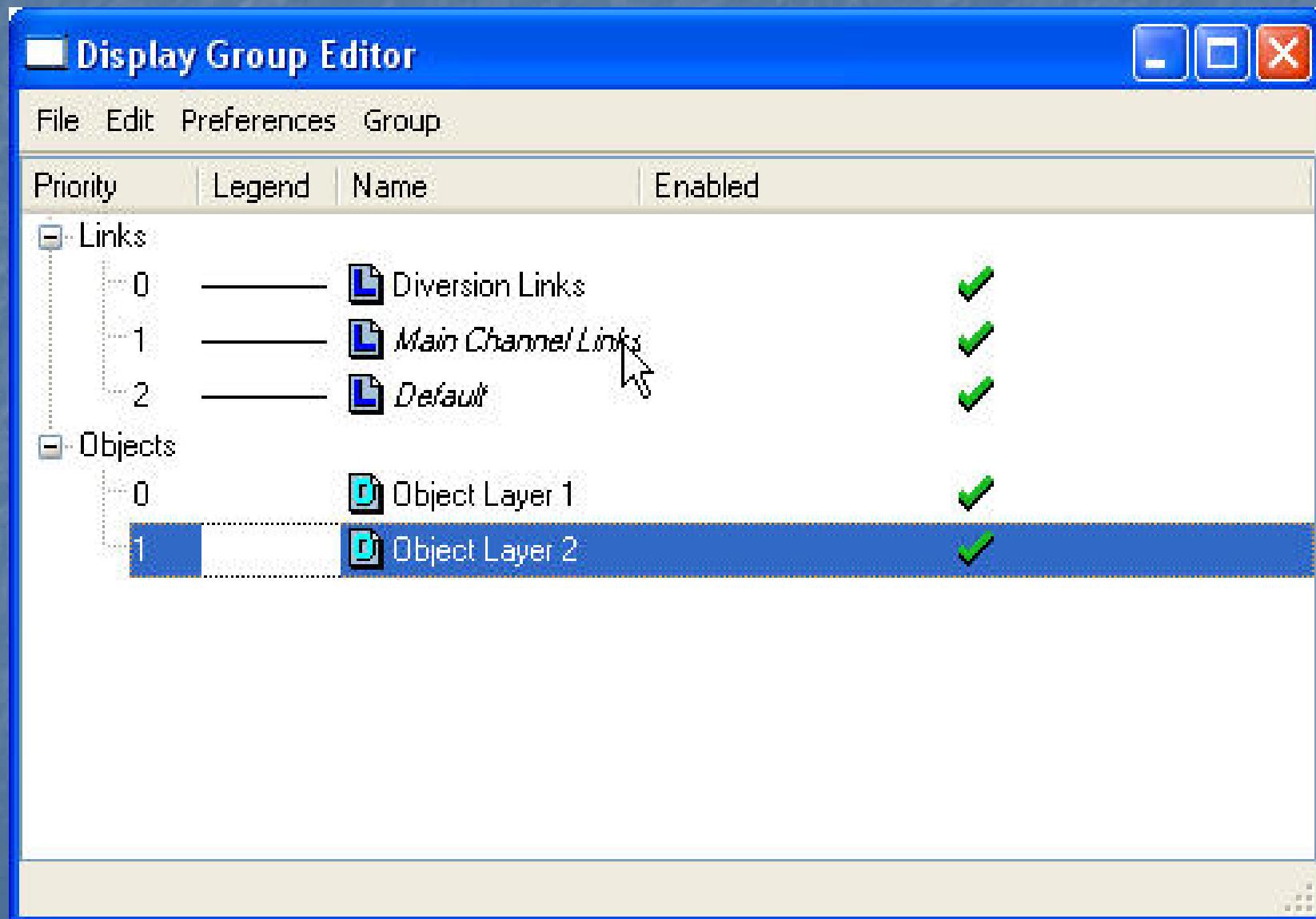


RiverWare GUI ... Workspace



Display Groups



Display Groups

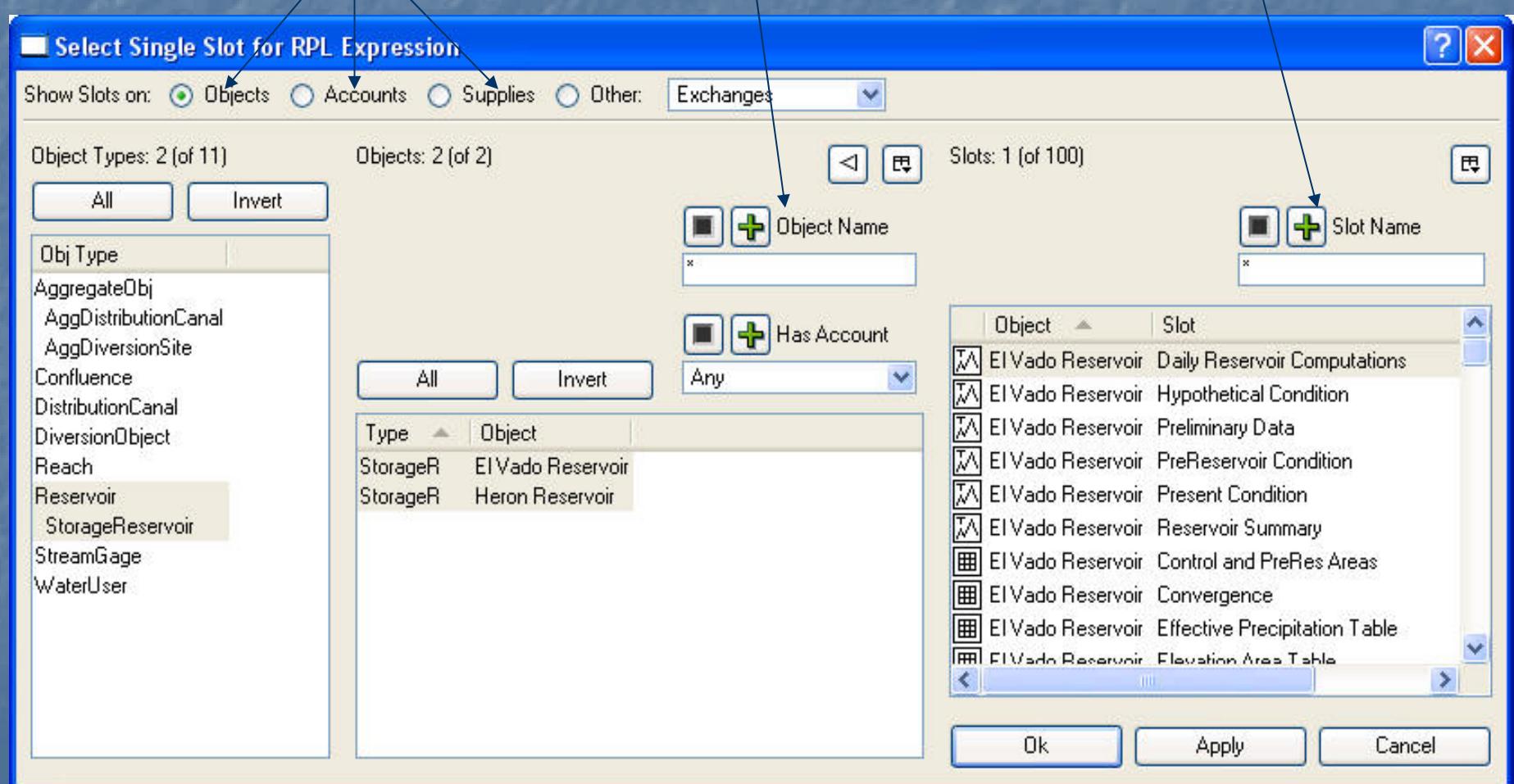
- Configure Link Properties
 - Color/Hide Link Groups
- Configure Object Groups
 - Show/Hide Labels
 - Specify Layering for groups of objects

Selector Dialog (Qt)

Slots on Objects,
Accounts, Supplies...

Object
Filtering

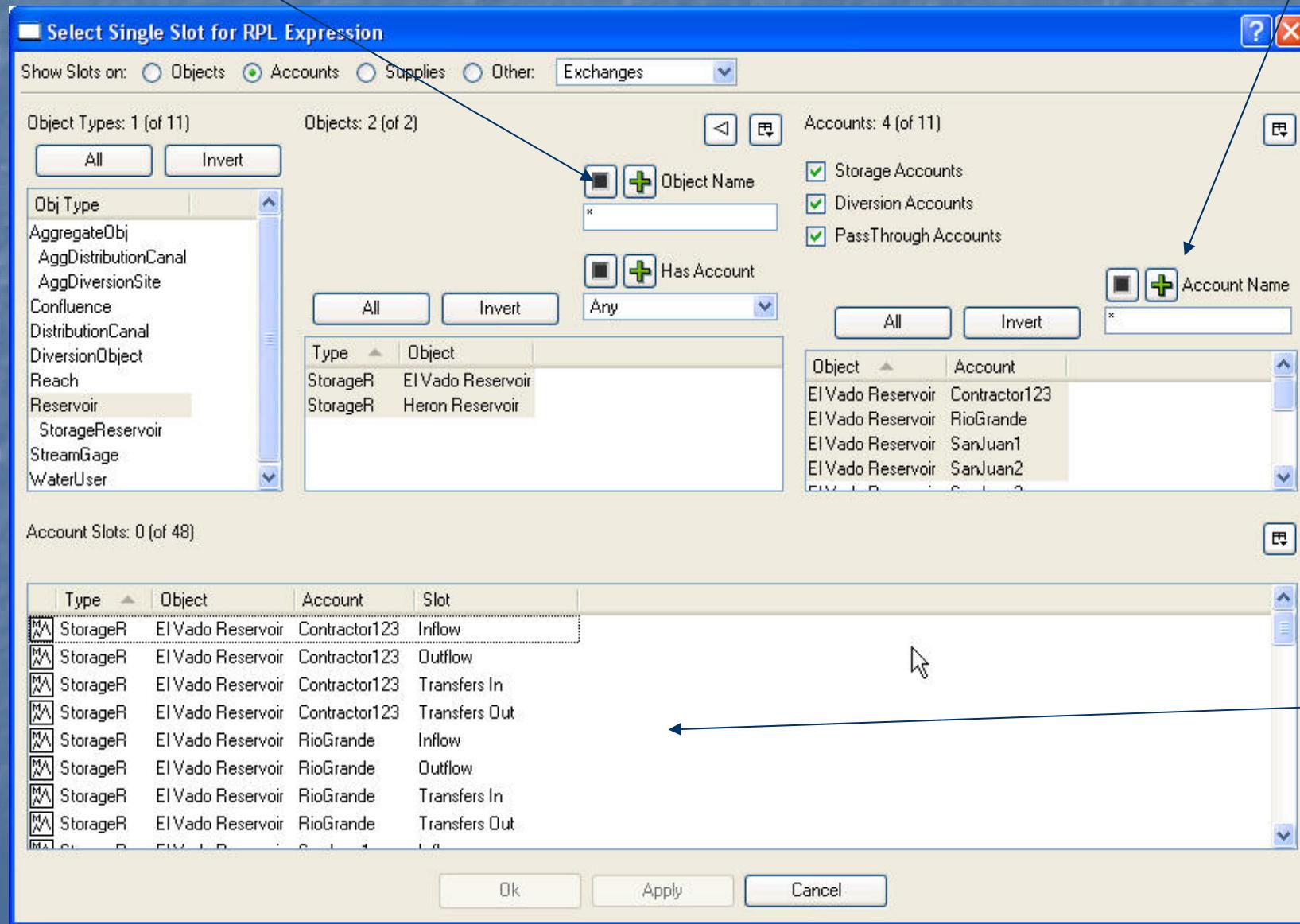
Slot Filtering



Object
Filtering

Selector Dialog (Qt)

Account
Filtering



Selecting
Slots on
Accounts

Open Slot Dialog (Qt port)

Scroll To Date

Multiple Cell Selection & Operations:

- Set Values
- Set Flags
- Block Copy
- Interpolation

The screenshot shows a Windows-style dialog box titled "Muddy Reservoir.Inflow". At the top, there's a toolbar with buttons for File, Edit, View, TimeStep I/O, and Adjust. Below the toolbar, there's a section labeled "Name: Inflow" with a blue triangle icon and a "Value: 15.766011495 cfs" field. A "Scroll to date: December 31, 1995" button is also present. The main area is a scrollable table with columns for Date, Total [cfs], and a third column which appears to be a flag or status column. The table contains 15 rows of data, starting from December 31, 1995, and ending at January 14, 1996. The row for January 3, 1996, is highlighted with a blue selection bar.

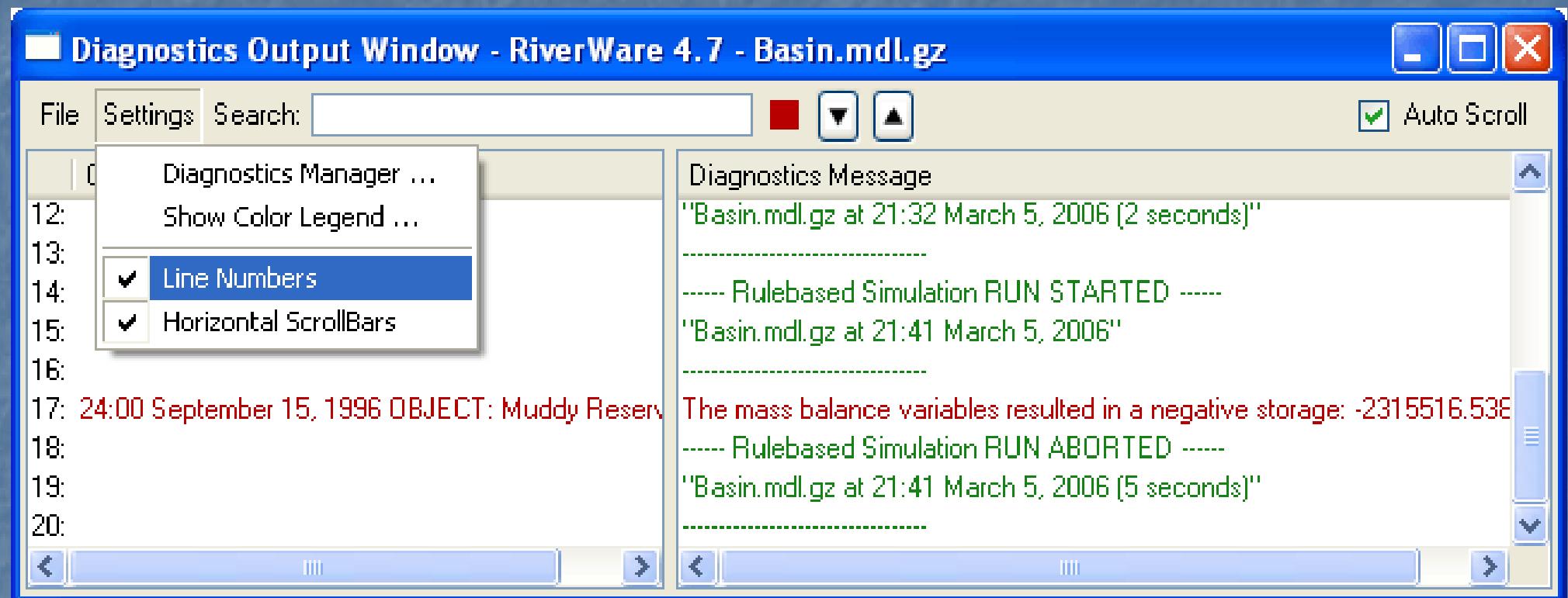
Total [cfs]		
12-31-1995 Sun	Nan	0
01-01-1996 Mon	19.948614	
01-02-1996 Tue	16.930714	
01-03-1996 Wed	15.766011	
01-04-1996 Thu	21.289970	
01-05-1996 Fri	24.613418	
01-06-1996 Sat	18.748646	
01-07-1996 Sun	22.237613	
01-08-1996 Mon	26.151364	
01-09-1996 Tue	32.269614	
01-10-1996 Wed	29.964642	
01-11-1996 Thu	39.184531	
01-12-1996 Fri	34.574587	
01-13-1996 Sat	29.964642	
01-14-1996 Sun	20.744752	

Automatic Time Dividers

(e.g. between months in a daily model)

Easy Scrolling!!

Diagnostics (Qt port)



- Dockable in the SCT (*shown stand-alone above*)
- Embedded Search on text and message type
- Optional Line Numbers

SCT 2Res.sct (2Res.mdl.gz)

File Edit Slots TimeSteps View DMI Run Diagnostics Go To

File Settings Search: | Auto Scroll

Timestep	Res 1 .Inflow acre-feet/i	Res 1 .Outflow acre-feet/i	Res 1 .Spill cms	Res 1 .Storage acre-ft	Res 1 .Pool Ele ft	Res 2 .Inflow acre-feet/i	Res 2 .Outflow acre-feet/i	Res 2 .Spill acre
1/31/94 Mon	29100	NaN	NaN	2951044	6020.01	NaN	NaN	NaN
2/28/94 Mon	30200	272138	0.00	2709107	6012.94	272137.63	322138	1038
3/31/94 Thu	41400	301296	0.00	2449211	6004.85	301295.81	401296	1884
4/30/94 Sat	70400	291577	0.00	2228035	5997.51	291576.75	348577	1785
5/21/94 Tue	67100	193195	0.00	2101940	5993.11	193195.16	136195	

Context

2:
3:
4:
5:
6:
7:
8:
9:

Diagnostics Message

Last saved on: 08-23-2005 10:48:55.
Last saved by "setzer" using "RiverWare 4.6.3".
----- Simulation RUN STARTED -----
"2Res.mdl.gz at 14:40 December 14, 2005"

----- Simulation RUN FINISHED -----
"2Res.mdl.gz at 14:40 December 14, 2005 (0 seconds)"

Res 1.Pool Elevation [Column 0] -- (108 obscured post-sim timesteps)
13 values [ft] -- Sum 78031.83 -- Ave 6002.45 -- Med 6001.38 -- Min 5993.11 -- Max 6020.01 -- Range 26.91

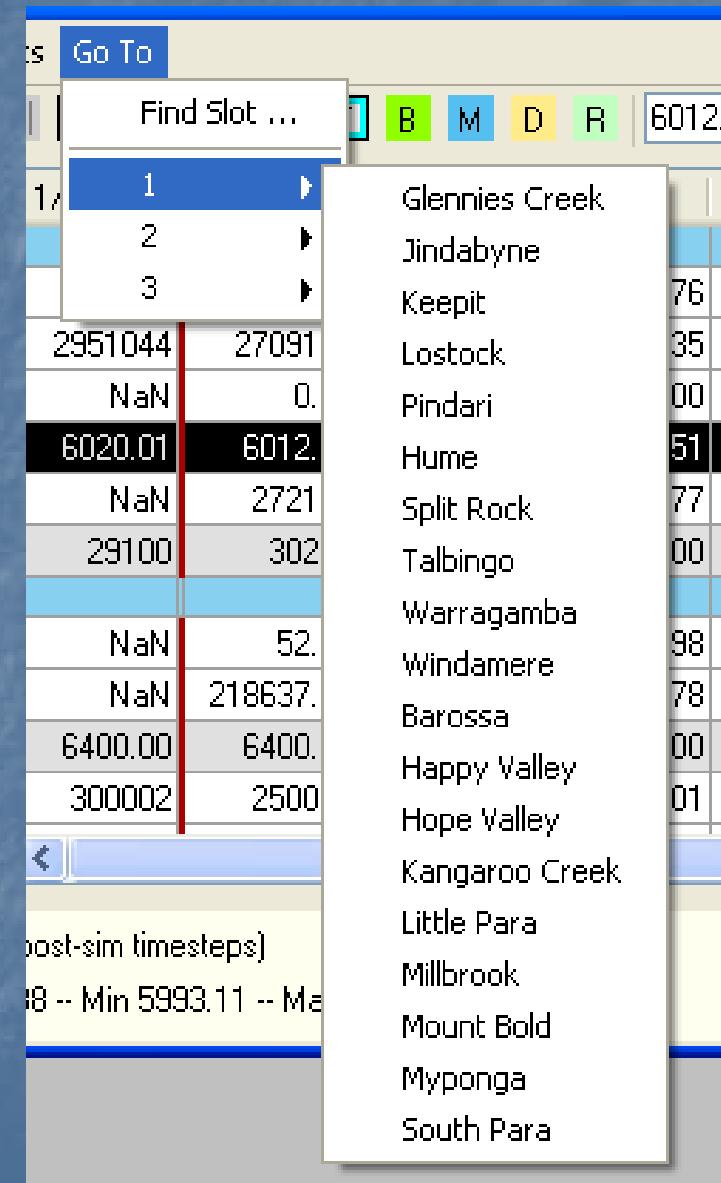
SCT Enhancements

➤ Model operation support

- Dynamic DMI Menu
- Integrated Diagnostics
- Integrated Run Status
(in Selection Status area)

➤ Slot Navigation

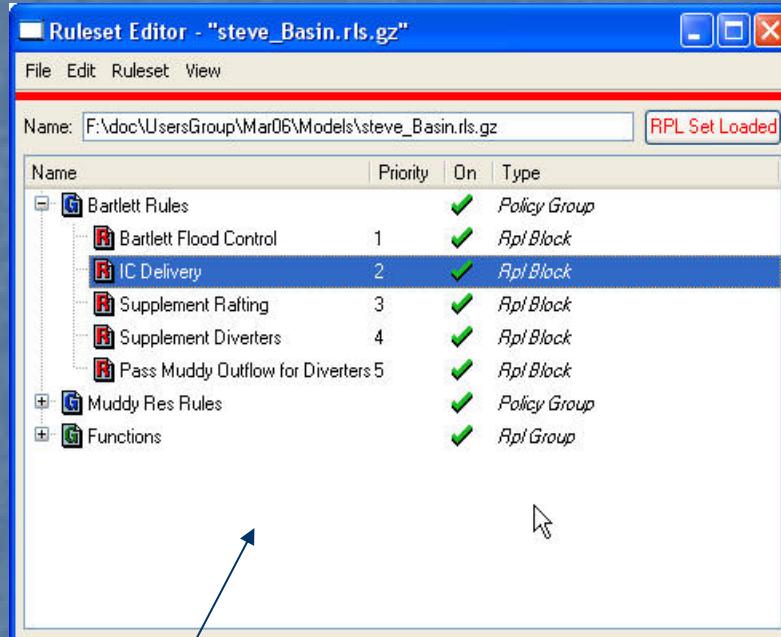
- Cascading “Go To” menu based on Divider Text →



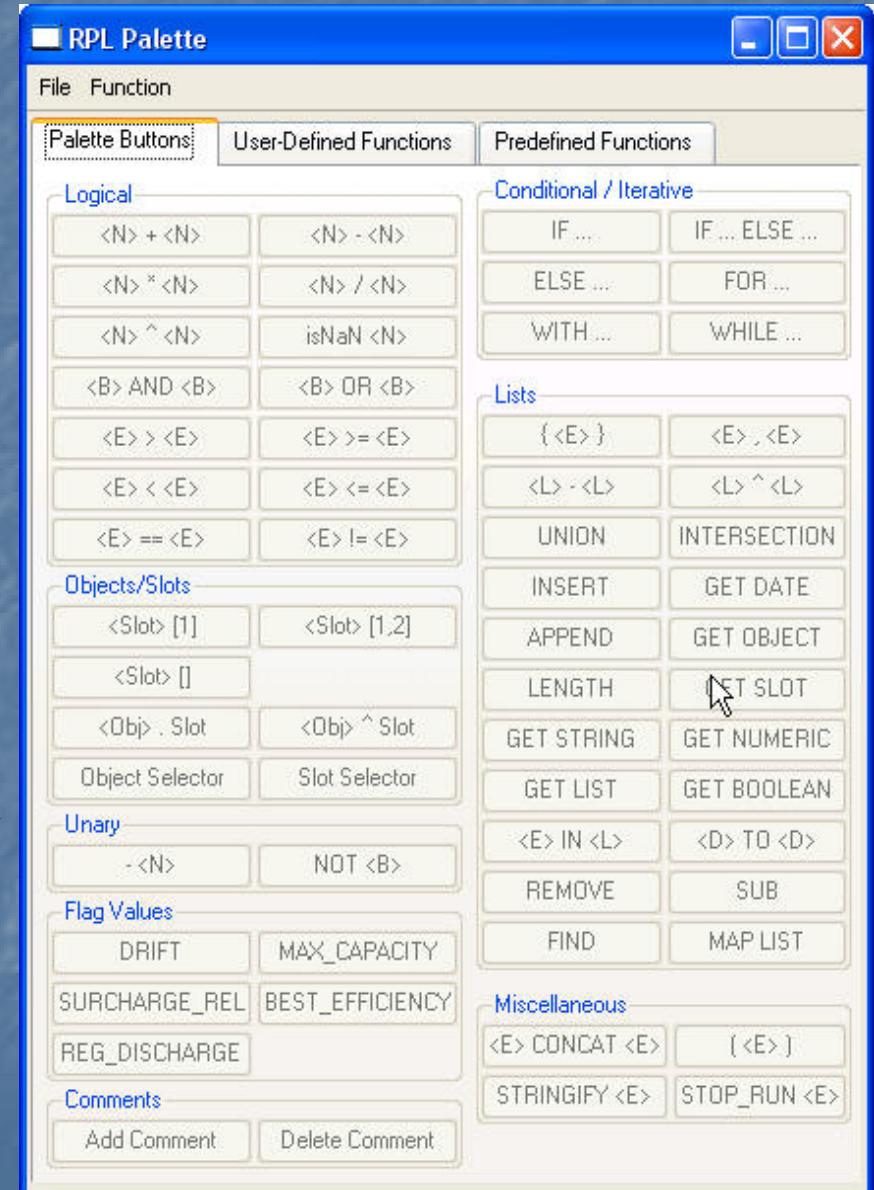
SCT Enhancements

- Auto-scrolling to Error Timestep on an Aborted Run (*when a time is relevant*)
- Open SCT Window Management / Loading
 - Quick Load / Show the last several accessed named (saved) SCTs.
 - Ability to Create new SCTs and Open new SCT windows from an SCT.

RPL Interface (Qt port)



Now in Qt

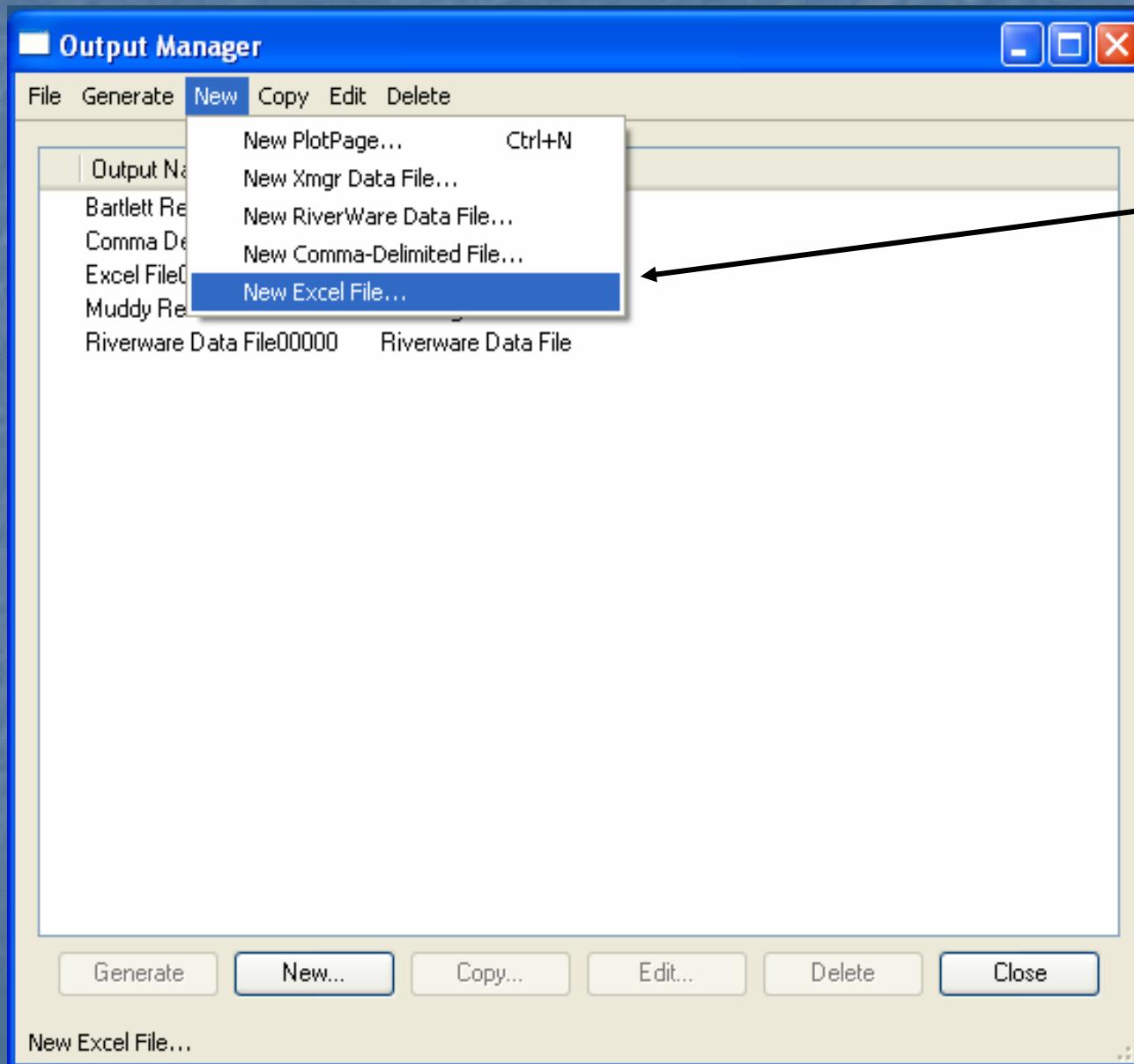


Condensed Palette

Output Manager / Output To Excel

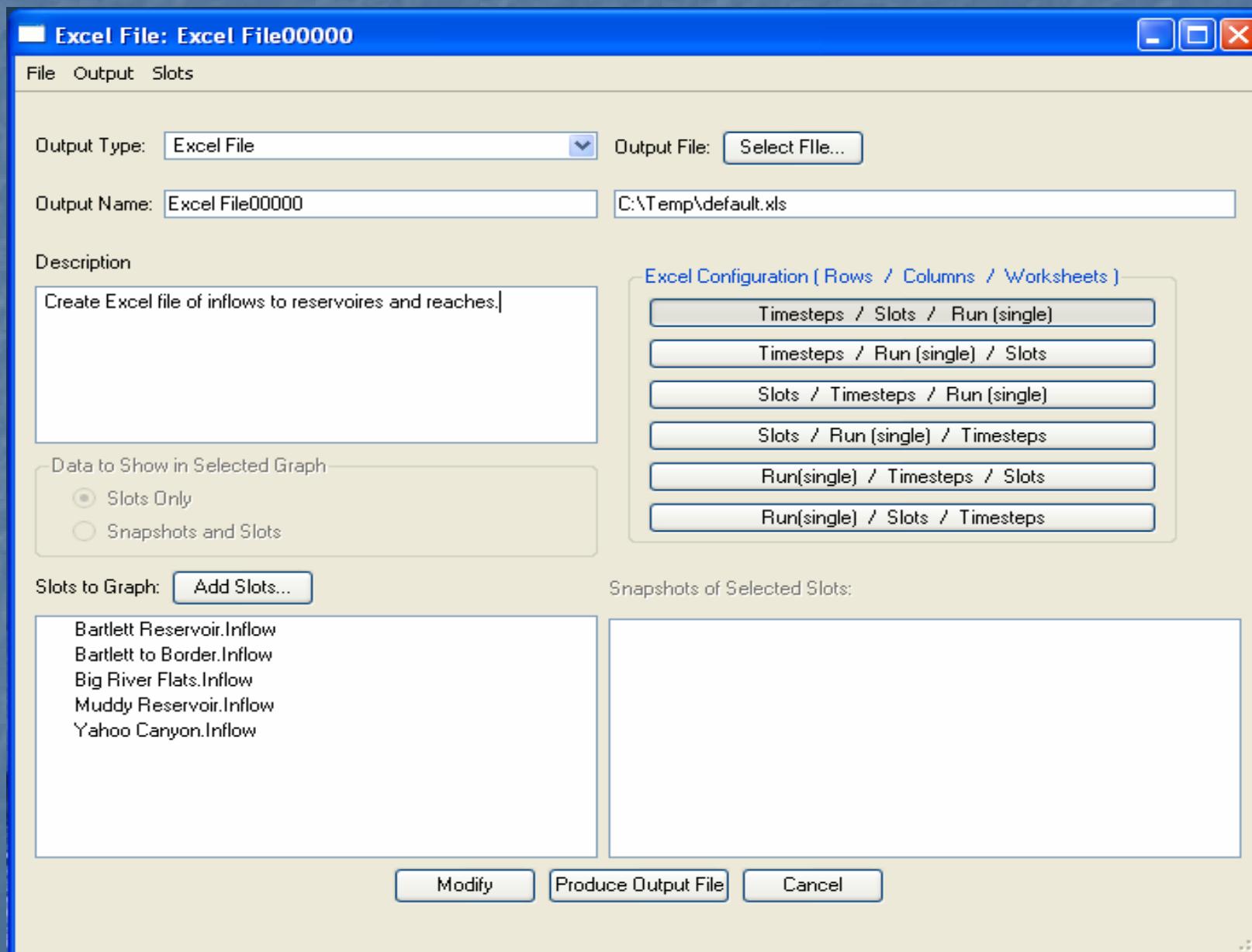
- Output Manager
 - Output Manager dialog converted to Qt
 - Output Device Configuration dialogs converted to Qt
- Output To Excel
 - Excel Output Device added to Output Manager
 - Excel Device Configuration Dialog created in Qt
 - Outputs Excel file for your selected slots
 - Available only on Windows Operating System

Output Manager



New Excel Output
Device On Windows

Excel Output Device Configuration

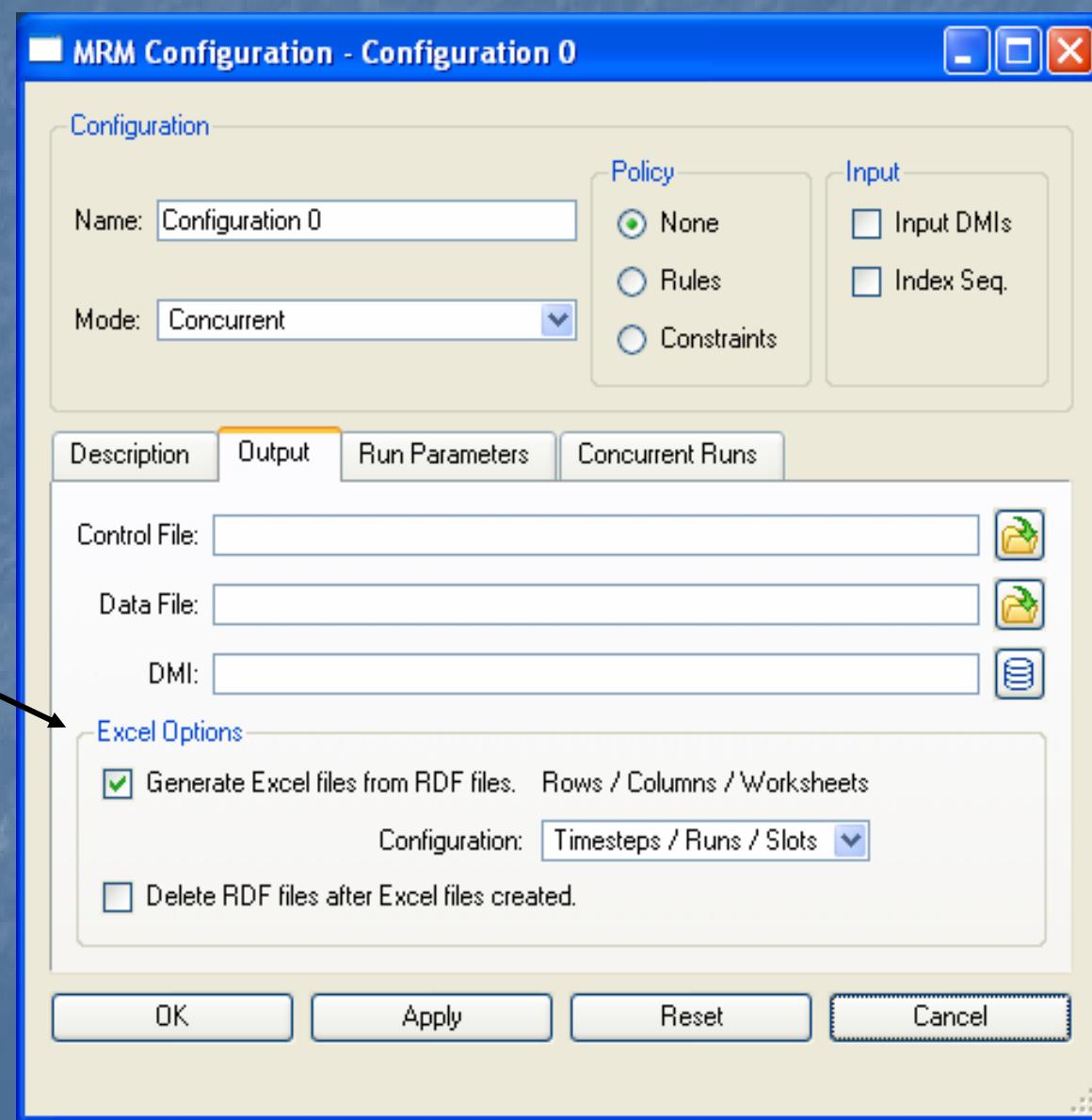


MRM Output To Excel

- Excel Options added to Output Tab of Multiple Run Management Configuration Dialog
- Creates Excel files from the MRM RDF output files
- Available only on Windows Operating System

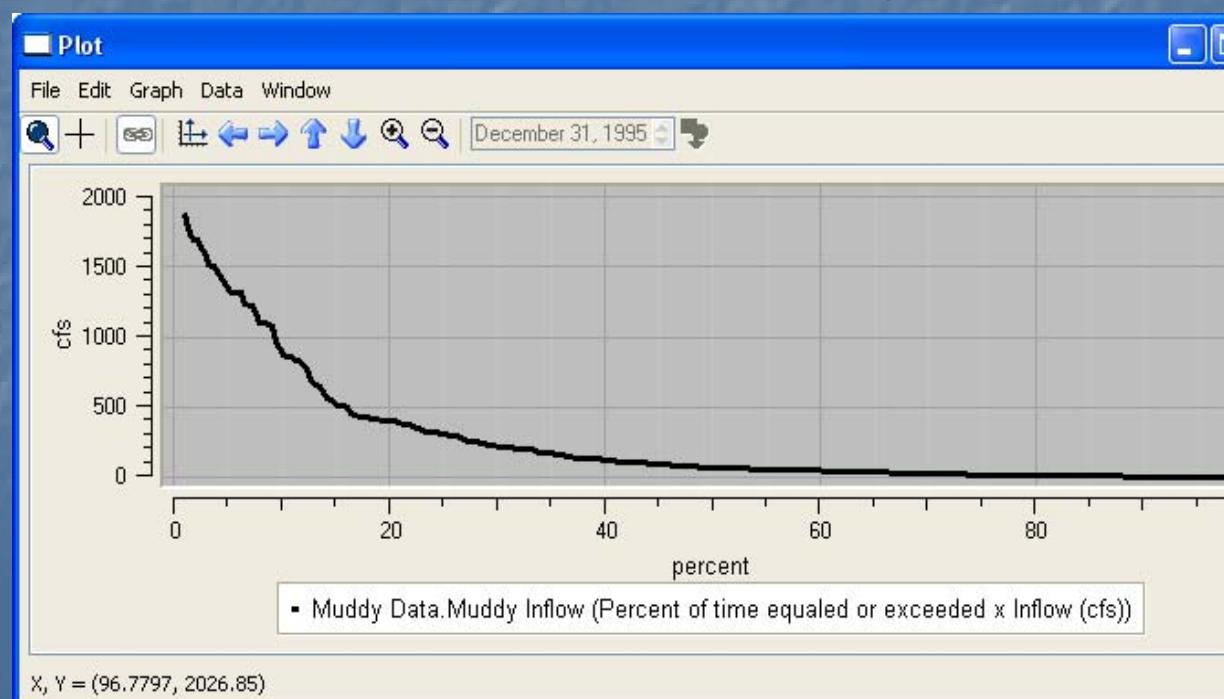
MRM Output To Excel

Excel Output
Options on
Windows



Statistical Table Slot

- Duration Curve: Percent of time equaled or exceeded
 - Each value is sorted and ranked
 - Can limit date range

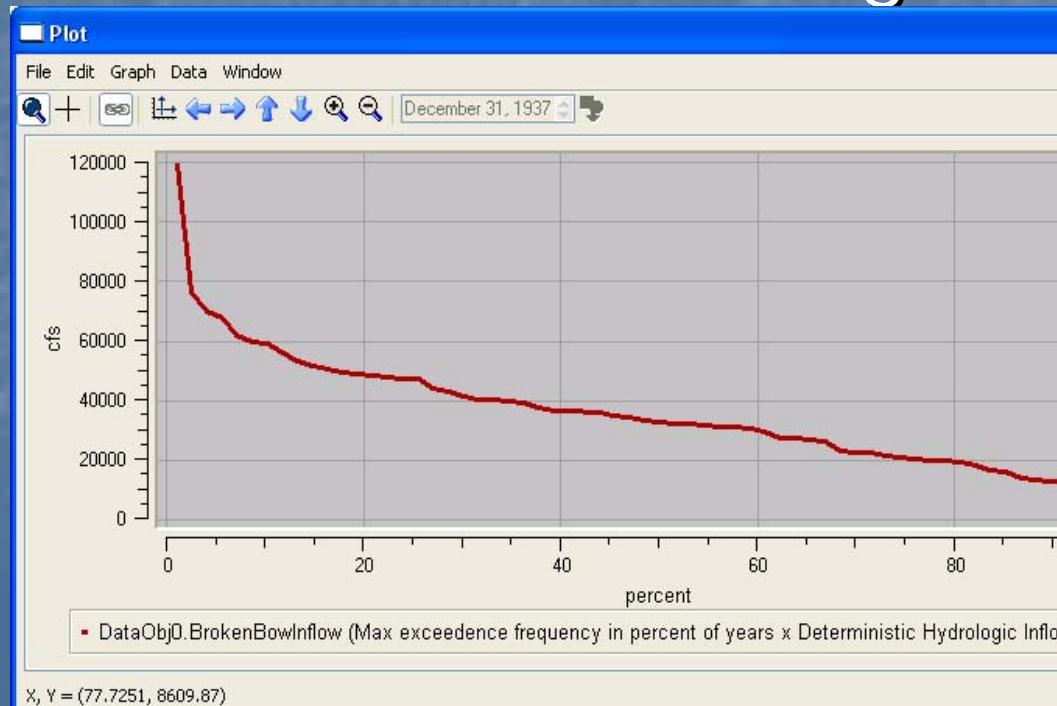


Muddy Data.Muddy Inflow

Percent of time equaled or exceeded	Inflow (cfs)
1	1.095
2	1.095
3	1.095
4	1.460
5	1.825
6	2.190
7	2.555
8	2.920
9	3.285

Statistical Table Slot

- Annual Max Frequency Curve: Max exceedance frequency in percent of years
 - Max value for each year is sorted and ranked
 - Can limit date range



DataObj0.BrokenBowInflow

Name: BrokenBowInflow
Function: Max Frequency Curve

Slot: Broken Bow.Deterministic Hydrologic Inflow Select Slot...

Evaluation Range: November 1, 1937 to January 20, 2001

	Max exceedence frequency in percent of years	Deterministic Hydrologic Inflow
1	1.070	119578.00
2	2.599	76575.00
3	4.128	70000.00
4	5.657	67654.00
5	7.187	61925.00
6	8.716	59678.00
7	10.245	59000.00
8	11.774	55930.00
9	13.303	53475.00