



Center for Advanced Decision Support for
Water and Environmental Systems (CADSWES)

UNIVERSITY OF COLORADO **BOULDER**

Windowing and Workspace

2025 RiverWare User Group Meeting

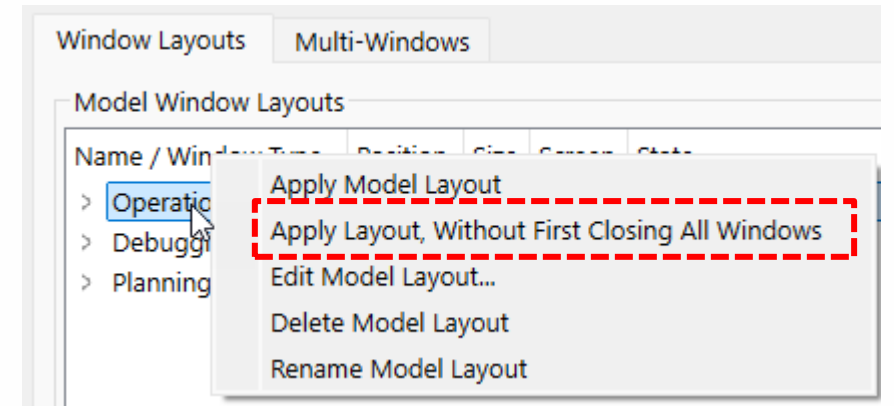
Presenter: Mitch

Window Manager and Window Layouts

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Window Manager Improvements

- Now “Window Manager” – Multi-Windows in addition to Window Layouts
- Override “Close All Windows Before Applying Layout”
- Additional workspace control
 - Docked panels
 - Compact display mode

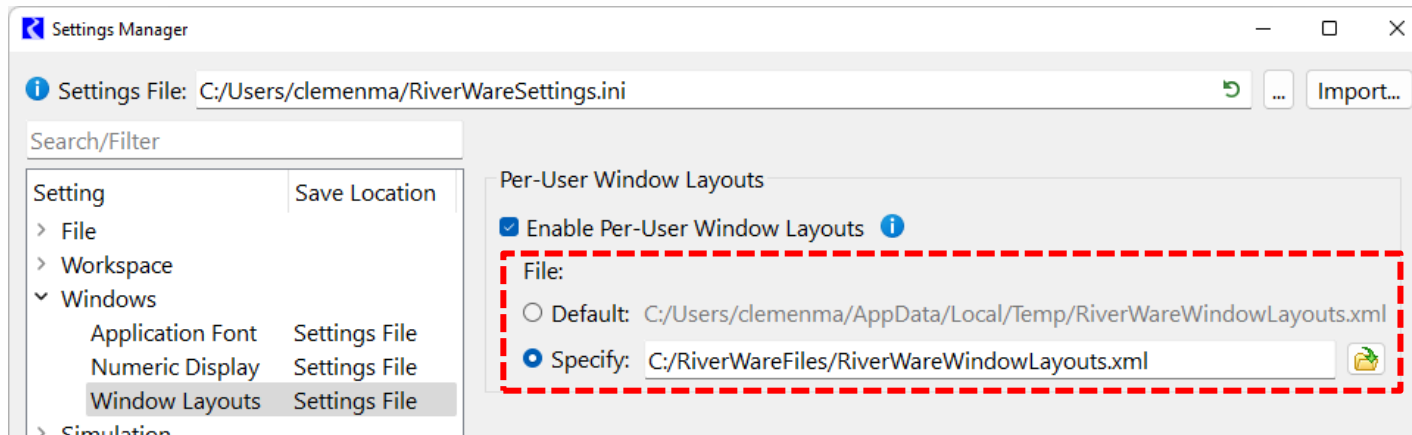


Model Window Layouts

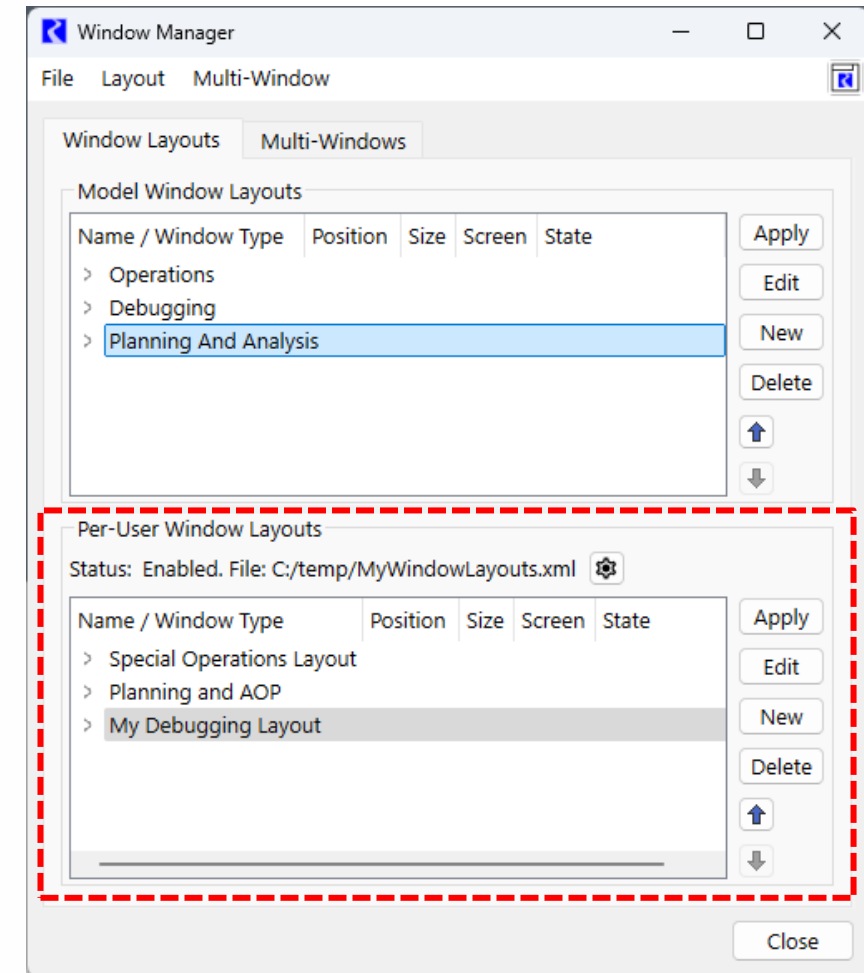
Name / Window Type	Position	Size	Screen	State
▼ Window Layout 1				
▼ Workspace	(2862, 182)	662 x 89	2	Compact
Workspace Animation Controls				Not Shown
Workspace Object List				Docked Right
Workspace Run Controls				Floating
Workspace Toolbar				Docked Top
Workspace Run Controls	(3560, 181)	258 x 97	2	Normal

Per-user Window Layouts

- Saved in a separate file
Specified in Settings Manager



- Available to any RiverWare session/model

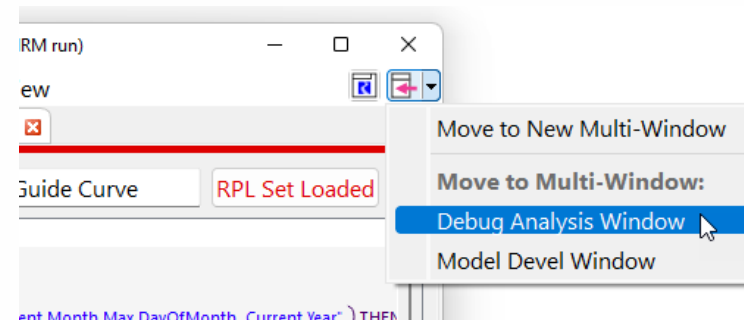
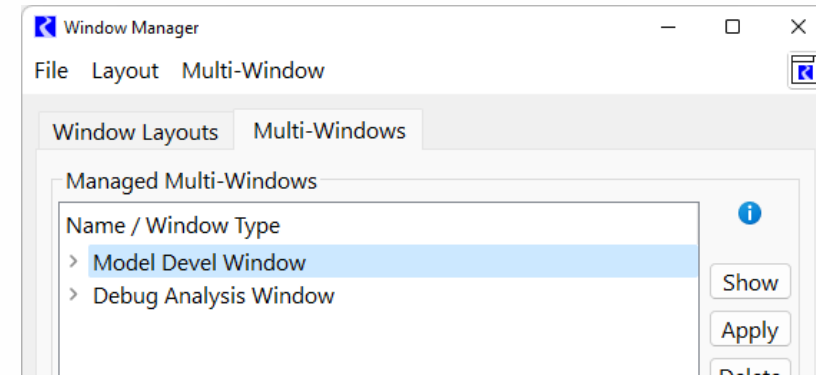
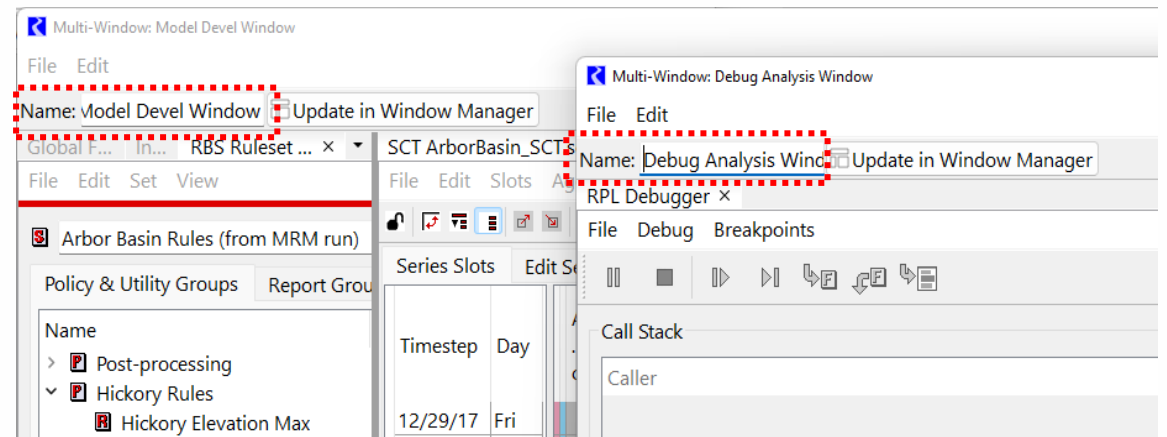


Multi-Windows

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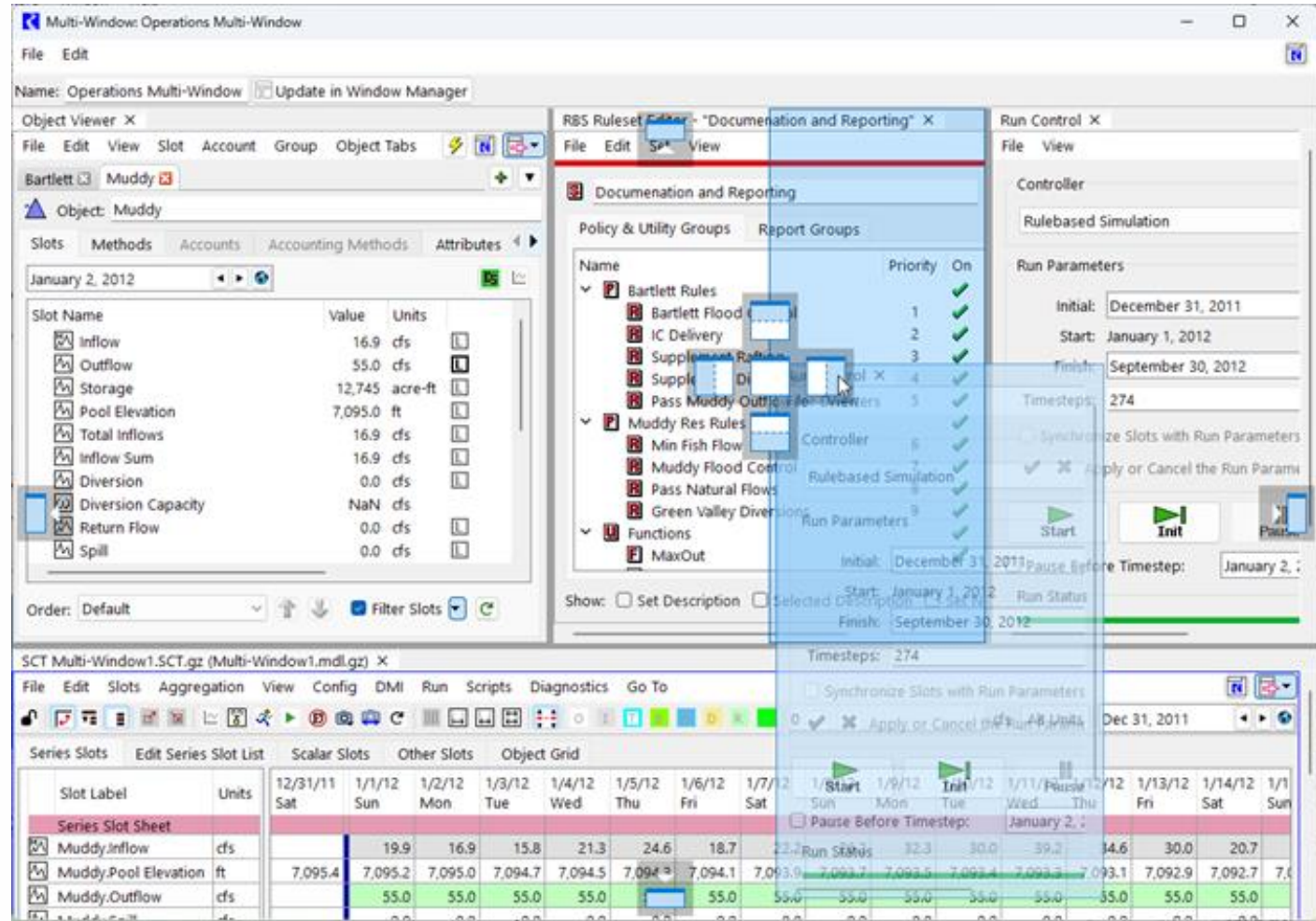
Multiple Multi-Windows

- Create multiple named Multi-Windows
- Preserved in Window Manager
- When docking, select which Multi-Window to dock into



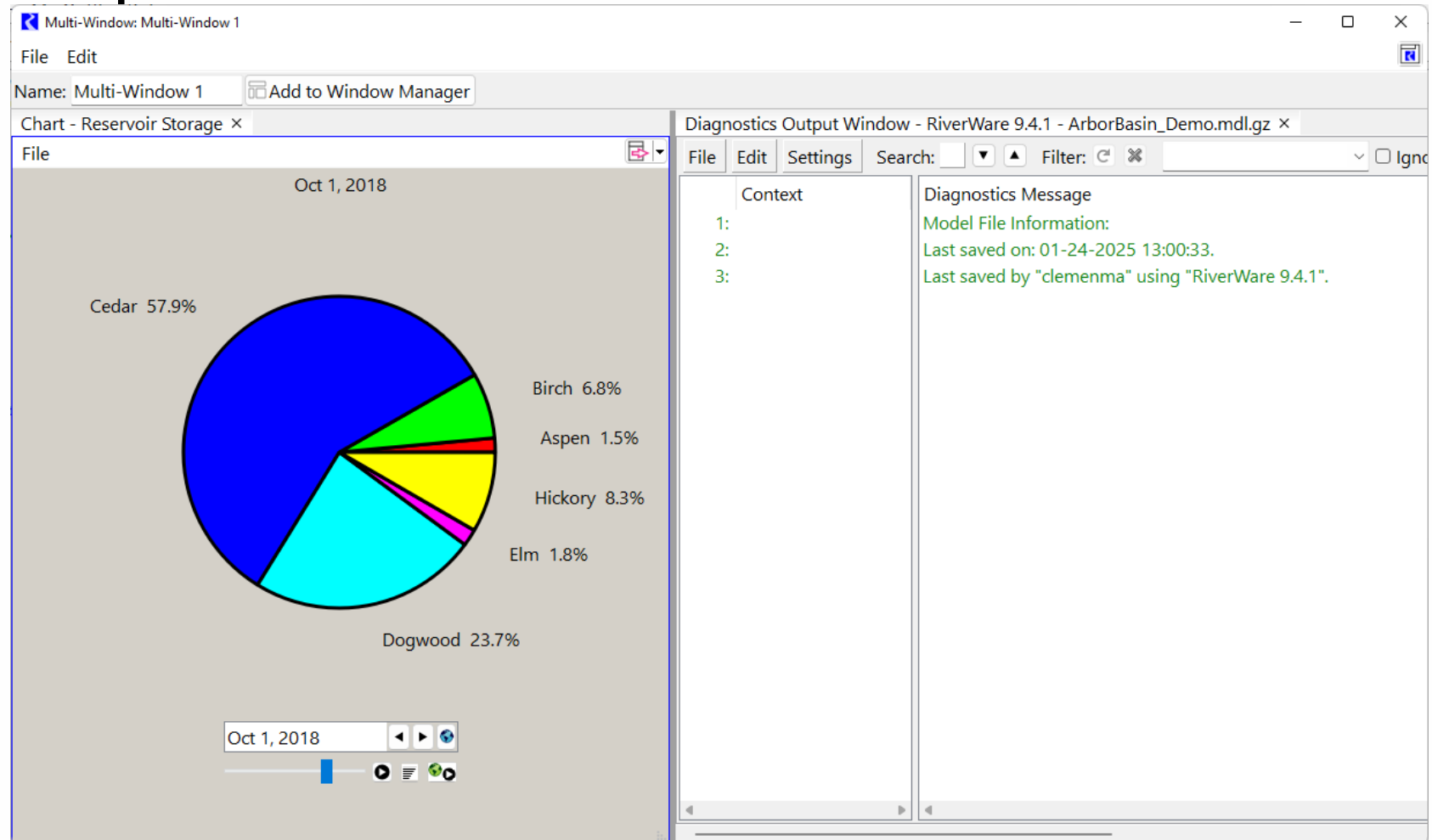
Improved Docking

- Better docking indicators
- Tabs at the top of panels
- Easier resizing
- Improved restoration of tabbed panels



New Windows Supported in Multi-Window

- Diagnostics Output Window
- Charts

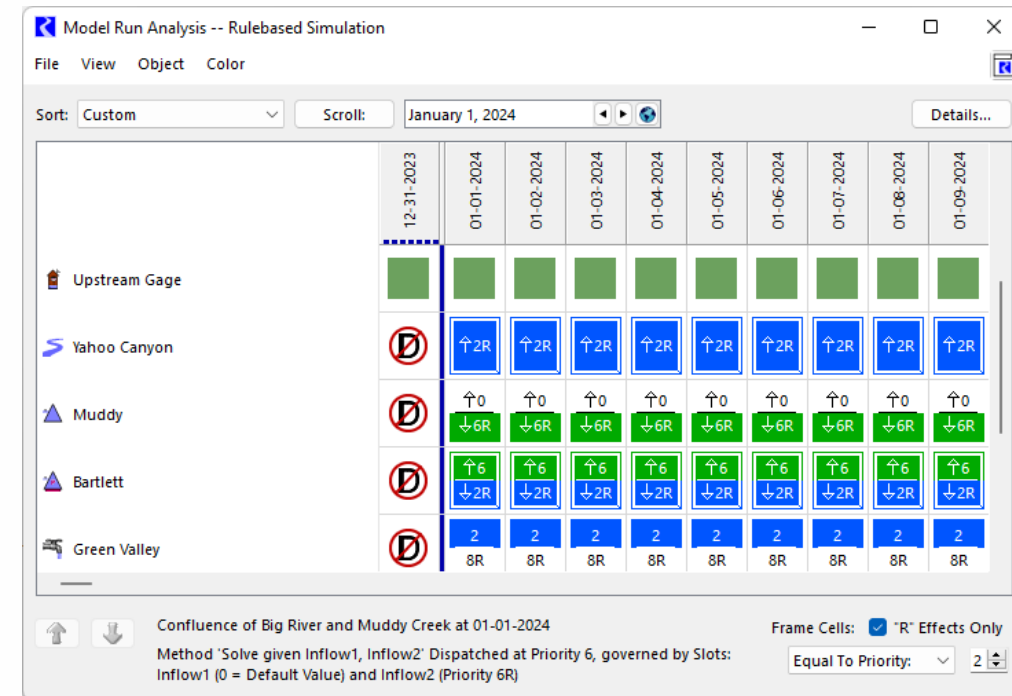
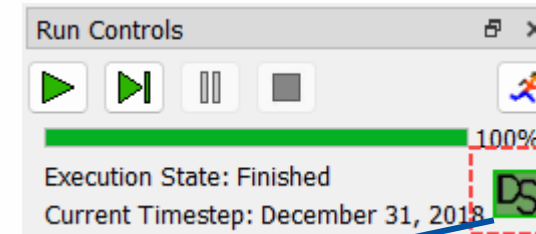


Workspace

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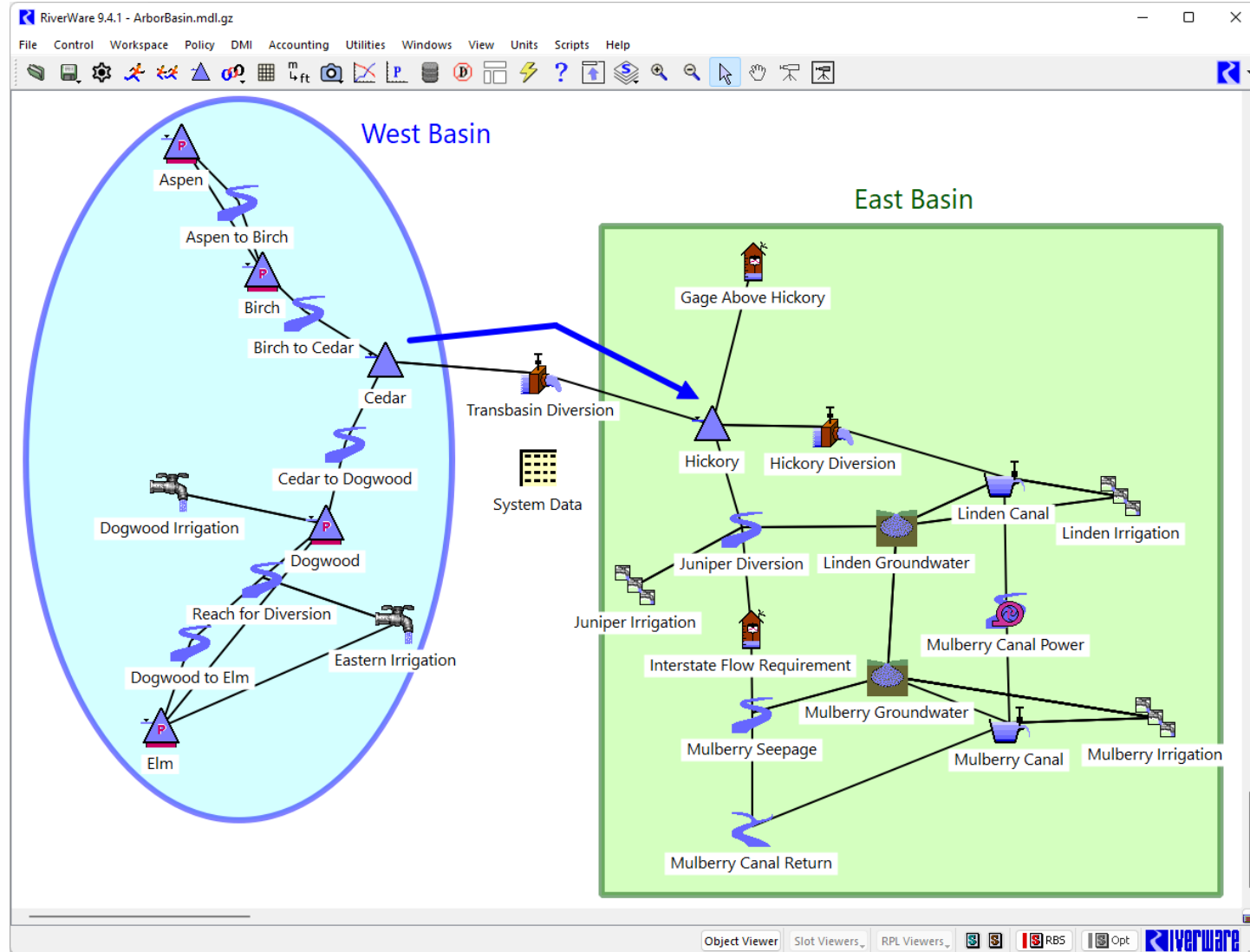
Dispatch Status Button on Run Controls

- Dispatching summary info
- On Run Control Panel and Run Controls on Workspace
- Click to open Model Run Analysis



Workspace Shapes and Text

- Right-click to add
 - Text
 - Line
 - Oval
 - Rectangle
- Automatically added to output canvas – configurable



Accounting Viewers



Open Account Viewer and Account Series Slot Viewer

- Analogous to Object Viewer and Slot Viewer
- Tabbed viewer holding multiple accounts

The image shows two overlapping software windows. The top window is 'Open Account Viewer - LongLake^BigBear'. It has a menu bar with 'File', 'View', 'Slot', and 'Accounting'. Below the menu bar is a tabbed interface with three tabs: 'BlueLake^GreenMtn', 'BlueLake^Highland', and 'LongLake^BigBear'. The 'LongLake^BigBear' tab is active. Below the tabs is a 'StorageAccount' field set to 'BigBear' and an 'on Object:' field set to 'LongLake'. There are also tabs for 'Slots', 'Methods', 'Supplies', and 'General'. The date 'December 31, 2003' is displayed. The bottom window is 'Account Series Slot Viewer (1 Day)'. It has a menu bar with 'File', 'Edit', 'View', 'TimeStep I/O', 'Accounting', and 'Adjust'. It also has a tabbed interface with four tabs: 'BlueLake^GreenMtn', 'BlueLake^Highland', 'LongLake^Fish', and 'LongLake^City'. The 'BlueLake^GreenMtn' tab is active. Below the tabs is a 'Value:' field and an 'Alt Units' dropdown set to 'Dec 31, 2003'. The main area is a table with columns: 'Slot Name', 'Outflow Total cfs', 'Gain Loss cfs*', 'Slot Inflow cfs', 'Storage acre-ft', 'Accrual acre-ft', and 'Begin Year acre-ft'. The table data is as follows:

Slot Name	Outflow Total cfs	Gain Loss cfs*	Slot Inflow cfs	Storage acre-ft	Accrual acre-ft	Begin Year acre-ft
12-31-2003 Wed				6,800.00	1,705.00	
01-01-2004 Thu	10.00	-0.74	9.97	6,798.49	1,724.78	
01-02-2004 Fri	10.00	-0.73	8.47	6,793.99	1,741.57	
01-03-2004 Sat	10.00	-0.73	7.88	6,788.34	1,757.21	
01-04-2004 Sun	10.00	-0.73	10.64	6,788.16	1,778.32	
01-05-2004 Mon	10.00	-0.73	12.31	6,791.28	1,802.73	
01-06-2004 Tue	10.00	-0.73	9.37	6,788.59	1,821.33	
01-07-2004 Wed	10.00	-0.73	11.12	6,789.35	1,843.38	

At the bottom of the window, there is a 'Show:' dropdown set to 'Only slots with values' and a checked 'Synchronize Scrolling' checkbox.