

Enhanced Features for Operations: Snapshots, SCT, Notes

2025 RiverWare User Group Meeting Presenter: Mitch

Snapshots

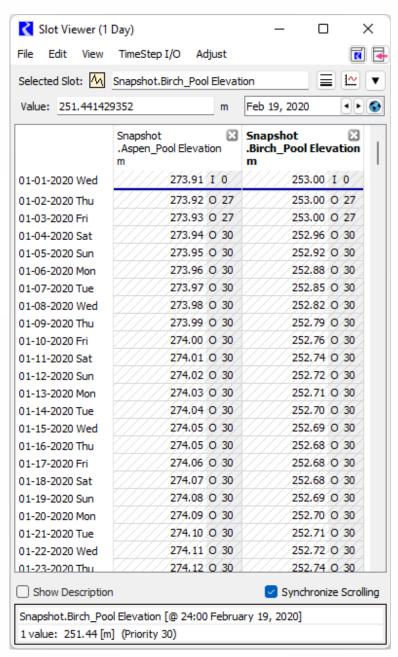
• • •

Snapshots Overview

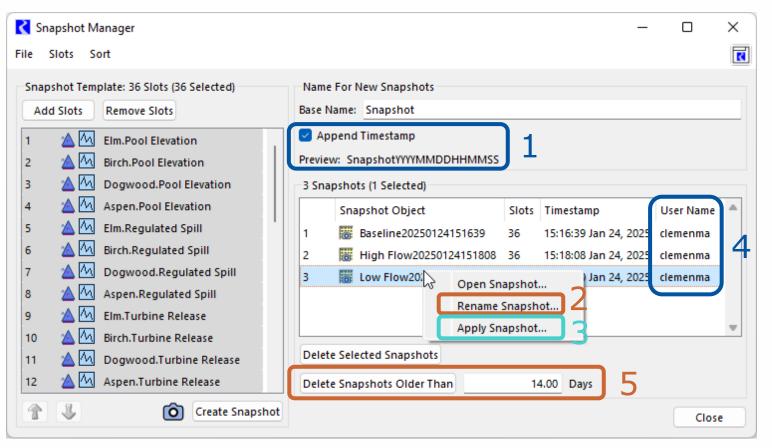
- Preserve run results for comparison
- Select which slots to preserve
- Snapshot slots are read-only

Snapshot

- Recent enhancements (9.2)
 - Improved naming, creation, management
 - Easier viewing in plots
 - Easier viewing in SCT



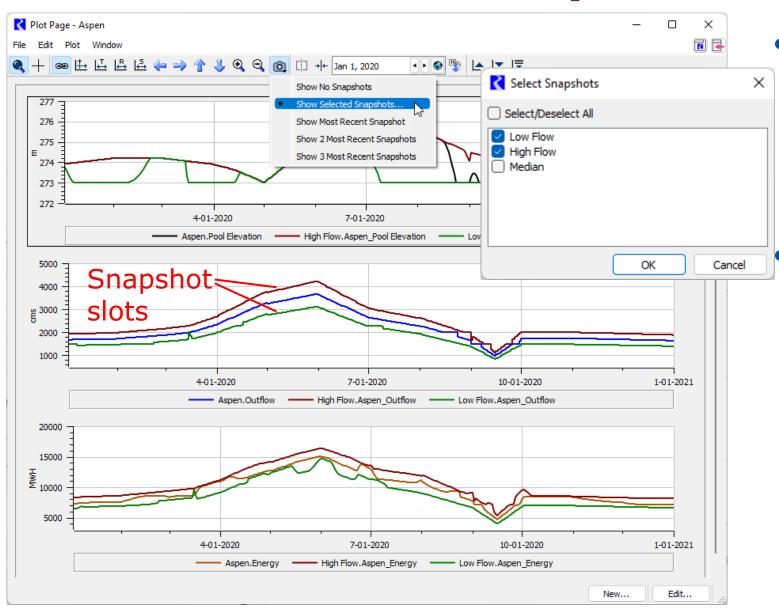
Improved Snapshot Management



- Append timestamp on snapshot name
- 2. Rename from Manager
- Apply Snapshot

 operation paste
 values back to source
 slots with flags
- 4. Record Username (9.3)
- Delete Snapshots older than N days – also a script action

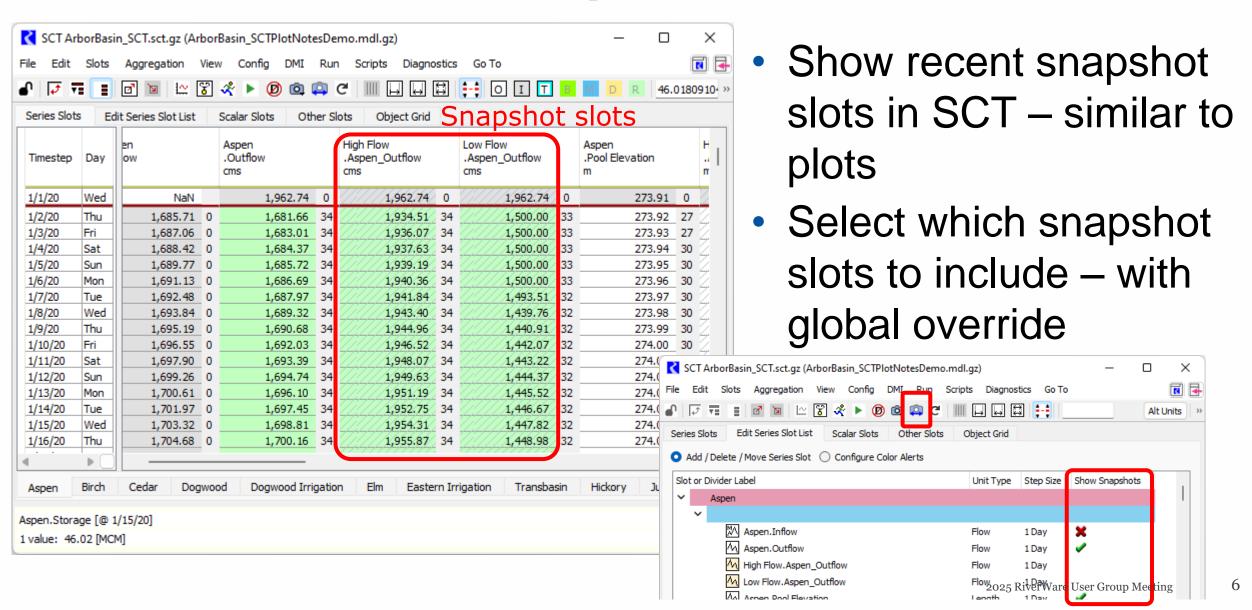
Show Snapshots in Plots



 Quickly show slots from recent Snapshots together with the source slots

Select from new Snapshot button on plots

Show Snapshots in SCT



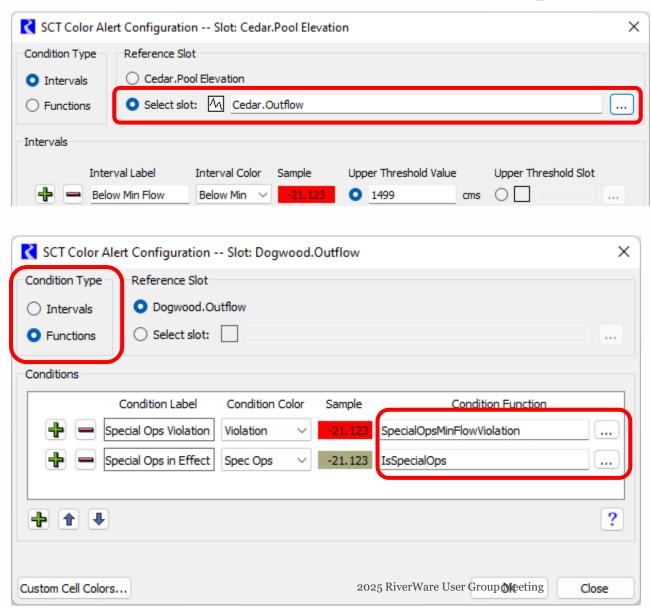
SCT

• • •

SCT Color Alerts - Increased Flexibility

 Use an alternative Reference Slot

 Condition Functions – RPL functions define conditions for formatting



SCT Functionality

- Paste values, flags and notes
 - Pastes values with flags and notes from source
 - Helpful when pasting a combination of flags input, output, max, target...

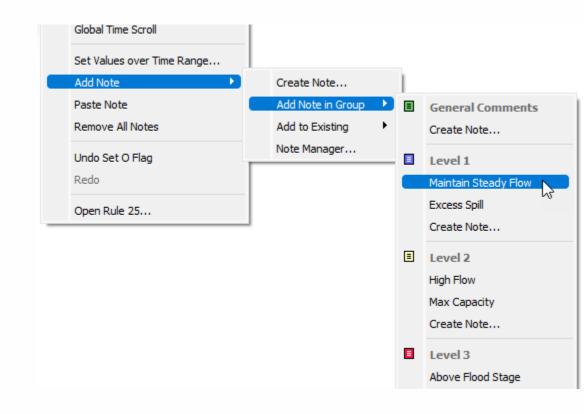
Series Slot Notes

• • •

Apply Notes from SCT/Slot Viewer

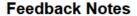
Many new options to easily add, edit, delete notes directly from SCT/Slots without opening the Note Manager

- Create Note
- Add Preconfigured Note in a Group
- Add to Existing Note
- Replace Note with Updated Version
- Remove All Notes from Selection



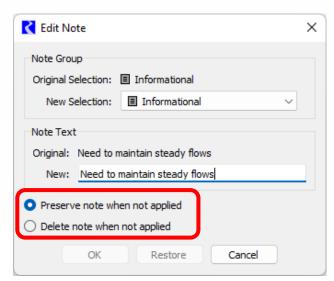
Note Improvements

- Improved terminology in the Note Manager
- Options to automatically delete...
 - Notes that are no longer applied
 - Note instance outside the slot time range
- Timestamps included with notes
- New model report item: Notes Summary



Feedback Notes

		u			
Slot	Timestep	Note	Group	Slot Value	Timestamp
Boone.Regulated Spill	24:00 Oct 24 2023	Most leads wouldn't	Level 4	0.00 cfs	10:14:26 Nov 2 2023
Boone.Turbine Release	12:00 Oct 24 2023	Most leads wouldn't	Level 4	1.69 cfs	10:14:21 Nov 2 2023
Boone.Turbine Release	06:00 Oct 24 2023	Most leads wouldn't	Level 4	1.69 cfs	10:14:21 Nov 2 2023
Boone.Turbine Release	18:00 Oct 24 2023	Most leads wouldn't	Level 4	1.69 cfs	10:14:21 Nov 2 2023
Boone.Turbine Release	24:00 Oct 24 2023	Most leads wouldn't	Level 4	1.69 cfs	10:14:21 Nov 2 2023
Cherokee.Turbine Release	06:00 Oct 24 2023	Opt unaware- need steady flow	■ Level 2	5.50 cfs	10:31:50 Nov 2 2023
Cherokee.Turbine Release	12:00 Oct 24 2023	Opt unaware- need steady flow	■ Level 2	5.50 cfs	10:31:50 Nov 2 2023
Cherokee.Turbine Release	18:00 Oct 24 2023	Opt unaware- need steady flow	■ Level 2	5.50 cfs	10:31:51 Nov 2 2023
Cherokee.Turbine Release	24:00 Oct 24 2023	Opt unaware- need steady flow	■ Level 2	5.50 cfs	10:31:51 Nov 2 2023



Diagnostics

• •

Diagnostic Improvements

Optionally raise Diagnostic Output Window for

- RPL Alert
- RPL Warning
- RPL Notice

