



Output Utilities

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2015 RiverWare User Group Meeting
February 3, 2015

Outline

- Model Reports
- Output Canvas – Teacup Diagrams
- Plotting Enhancements
- Net CDF and CSV outputs

Model Reports

- Generate HTML documents
- Flexible content & appearance
- Extensible framework
- Recent additions:
 - RPL Sets
 - RPL Report Groups
 - Output devices: Plots, Charts, Tabular Series Slot Reports, Canvas
 - Accounting Information

Model Report: Red River Model Report

File Output Edit Layout

Report Settings

Setting	Value
Report Name	Red River Model Report
Output File	R:/staff/lynn/Models/USACEModelRe...
Title	Red River Basin
Include RiverWare Icons	Yes
Include Content Display Controls	Yes

Report Layout

Add Item: RPL Group

Add Items Similar to Selected Item ... Move Selected Item:

- Table of Contents
 - Section: Overview
 - Section: Computation Subbasins
 - Section: Reservoirs
 - Section: Control Points
 - Section: Water Users
 - RPL Group: Compute Reservoir Diversions

Selected Item Settings (RPL Group)

Setting	Value
Slots: Include Account Name	No
Slots: Include Slot Type	No
Slots: Maximum Columns Per Table	0
Slots: Plot Width (pixels)	500

Apply Selected Setting Globally...

Generate Generate and View

Generation was successful (for details see log)

Report Preview (HTML) Log

Preview Only Selected Item

Category	Method
Diversion and Depletion Request	Periodic Diversion Re
Return Flow	Fraction Return Flow
Fraction Return Flow Input	Periodic Fraction
Limit Diversion	Limit by Reservoir Lev
Multiple Supply Sources	Multiple Supply Reser

6 **Compute Reservoir Diversions**

6.1 **Compute Reservoir Diversions**

Statements

```
FOR ( LIST result IN ComputeReservoirDiversions ("Flood Basin") )
  ( result < 0 > [] = result < 1 > )
END FOR
```

Execution Constraint

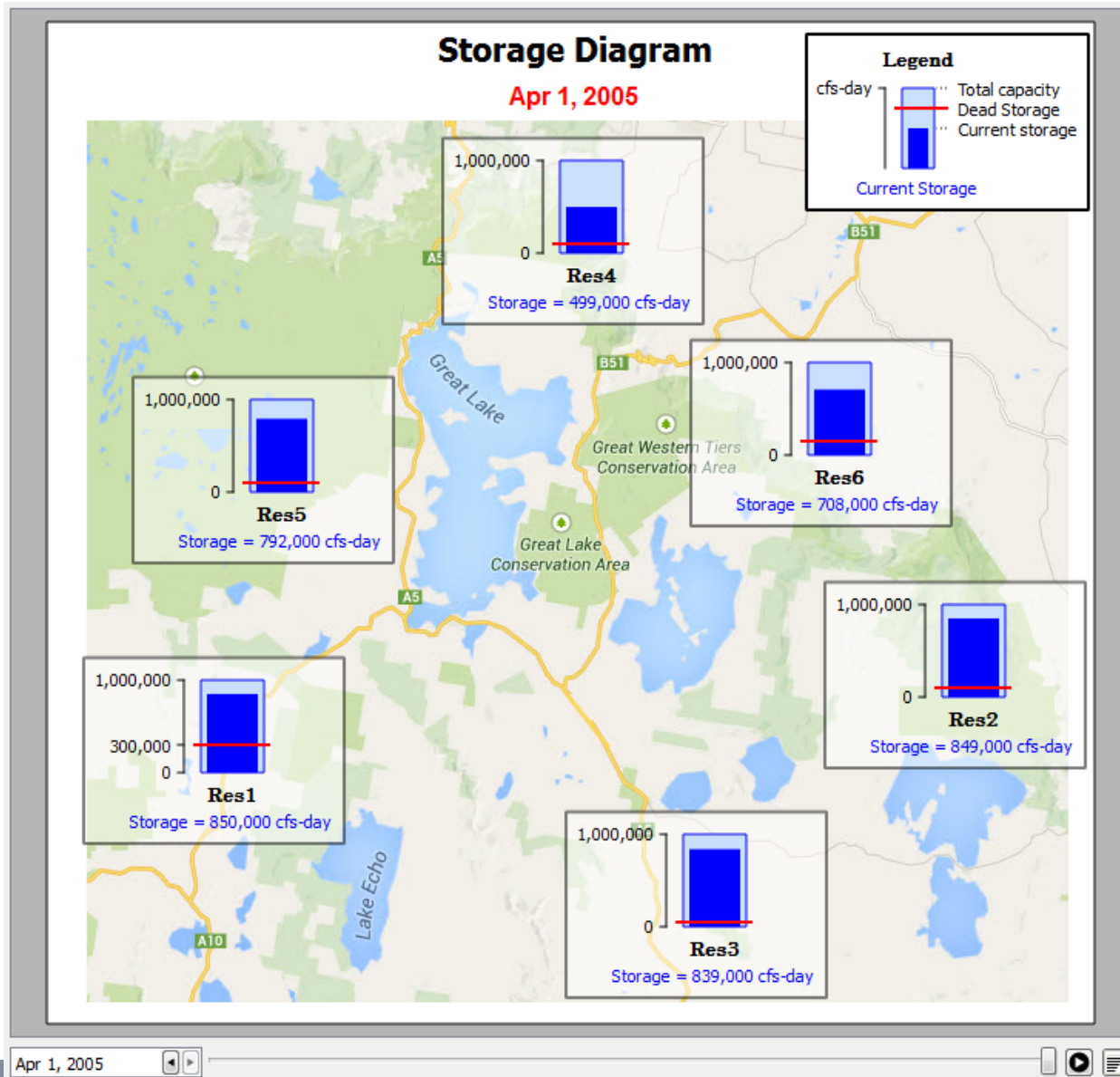
```
NOT HasRuleFiredSuccessfully ("Compute Reservoir Diversions")
```

Referenced Functions

- HasRuleFiredSuccessfully
- ComputeReservoirDiversions

OK Cancel Apply

Output Canvas – Teacup Diagrams



Plotting Enhancements

- Markers in the Legend
- Click a legend item to toggle curve on/off
- Print Preview / Margins / Header and Footers

- Time Range
 - Periodic slots auto update
 - Potential Upcoming: Symbolic references for opening plot

Output from MRM

Metadata exported with values:

- CSV – Comma Separated Files – Ready for import to Tableau
- NetCDF – Network Common Data Form

The screenshot shows the 'Output' tab of the MRM software interface. The 'Per Trace Output DMI' field is empty. Under 'RDF Options', the 'Control File' is set to '\$CRSS_ABR_DIR/control/output_LTEMP_allSlots.control' and the 'Data File' is empty. The 'Timesteps' dropdown is set to 'Use Smallest'. Under 'Excel Options', the 'Generate Excel Workbooks from RDF' and 'Delete RDF Files' checkboxes are unchecked, and the 'Slot Names' dropdown is set to 'Short'. The 'Generate CSV Files' checkbox is unchecked. The 'Generate NetCDF Files' checkbox is checked, and a table with columns 'Name' and 'Number of Slots' is visible below it. The table is currently empty. At the bottom, there are buttons for '+', '-', and 'Edit...'. The 'Configuration:' label is partially visible on the right side.