

RMC-RFA Routed Hydrograph Plots

DLS-114, Module 2.21



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March 2026 / Version 1

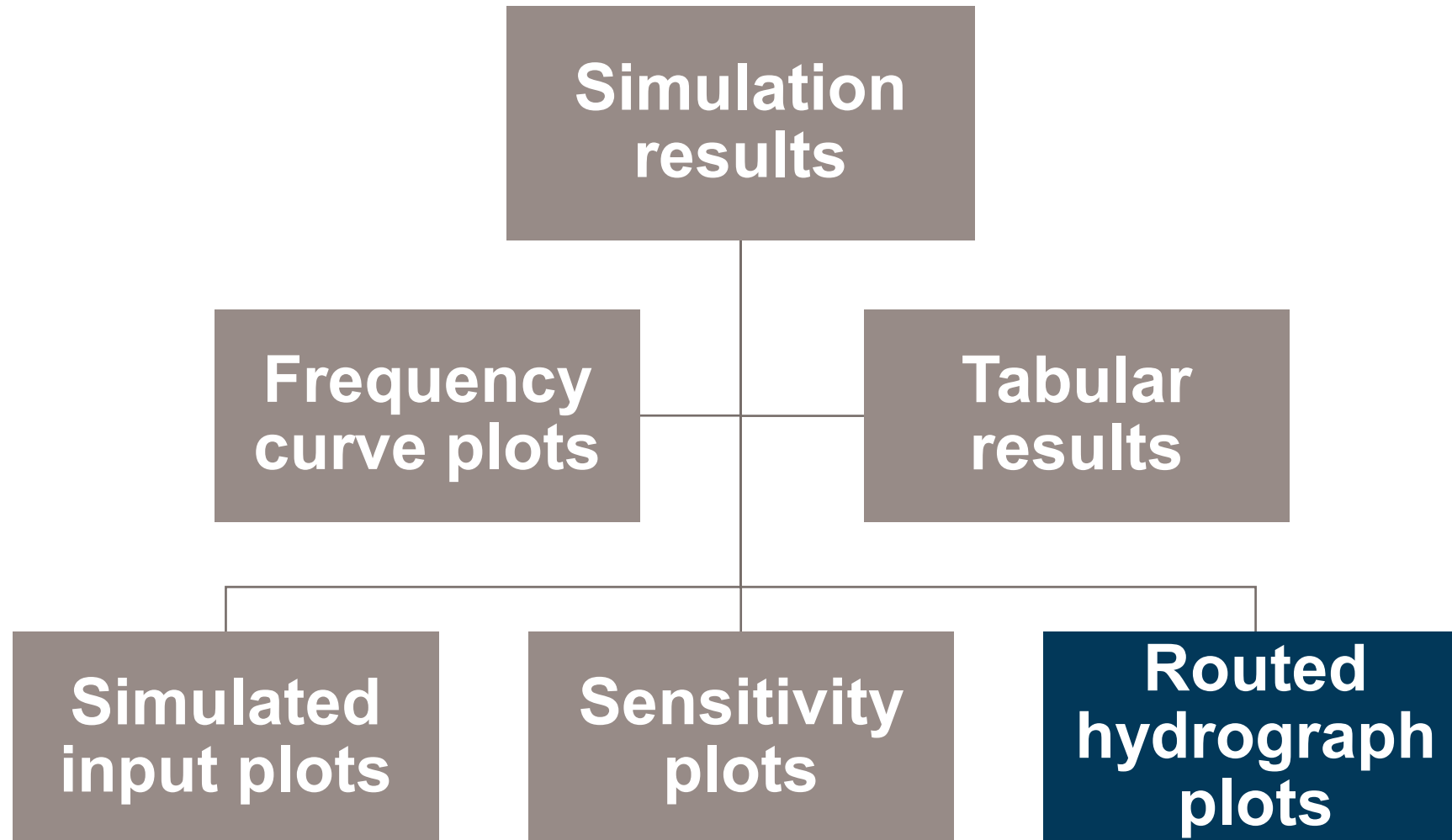
FORT GIBSON DAM, OK (SOURCE: USACE)

Learning Objectives

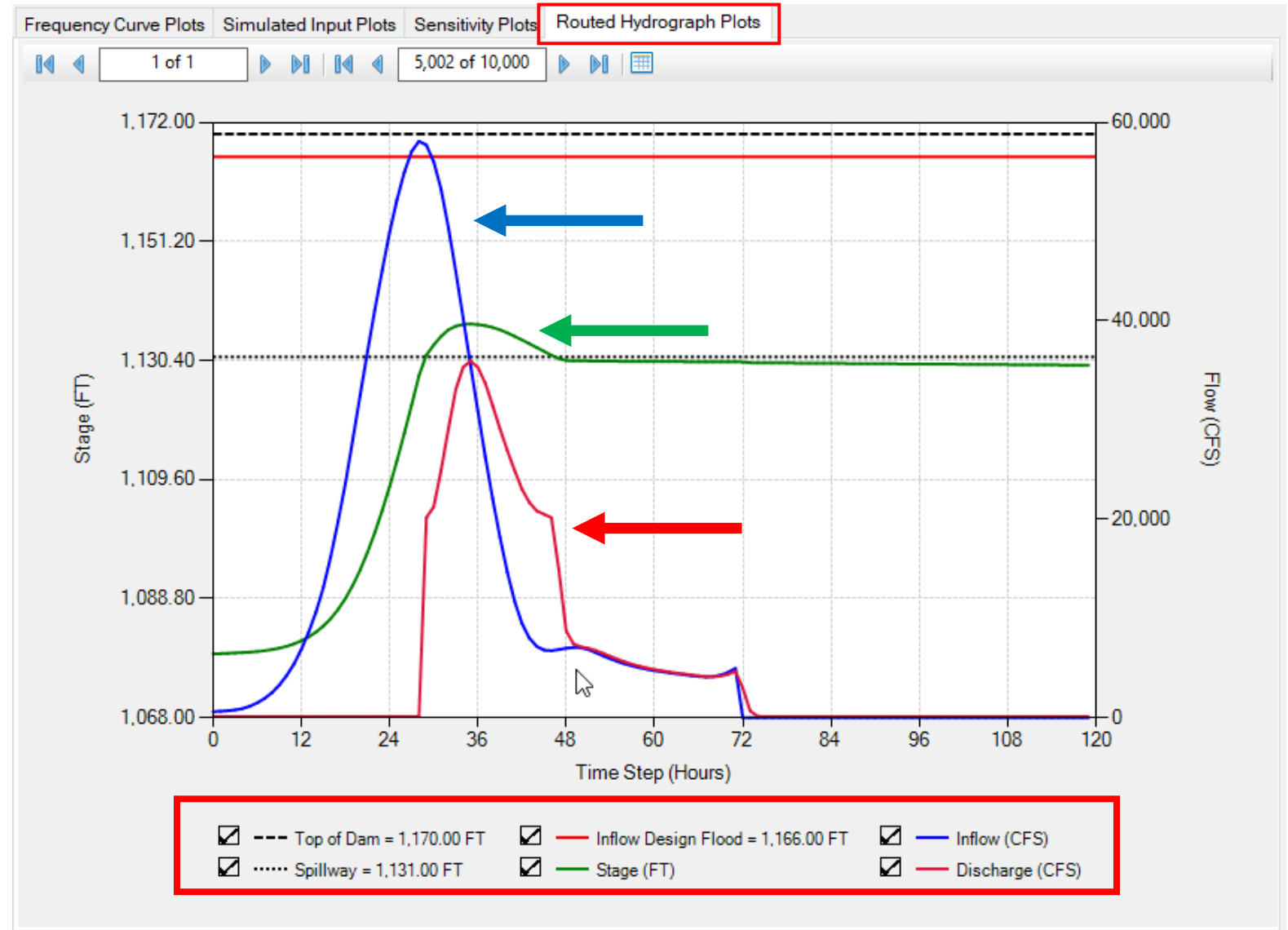
- Evaluate routed hydrograph plots in RMC-RFA



Simulation Results: Routed Hydrograph Plots



Routed Hydrograph Plots

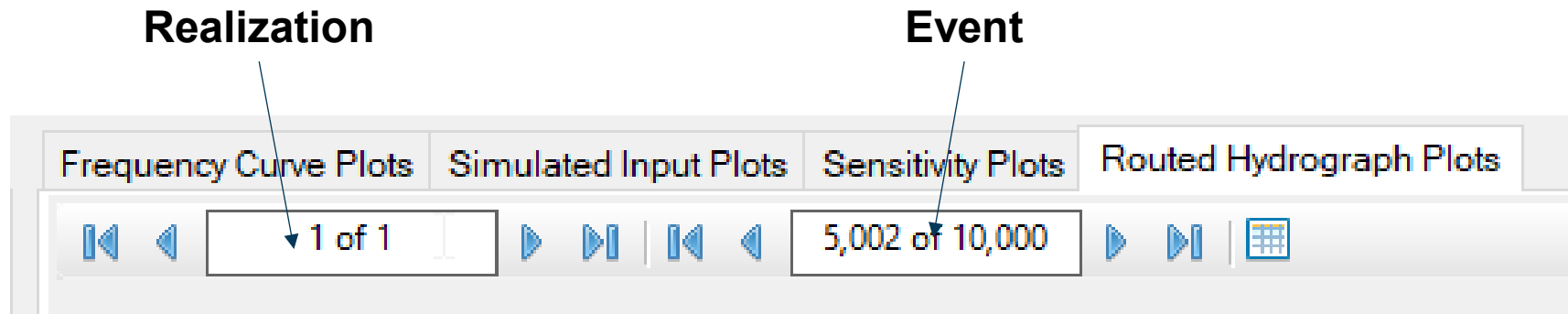


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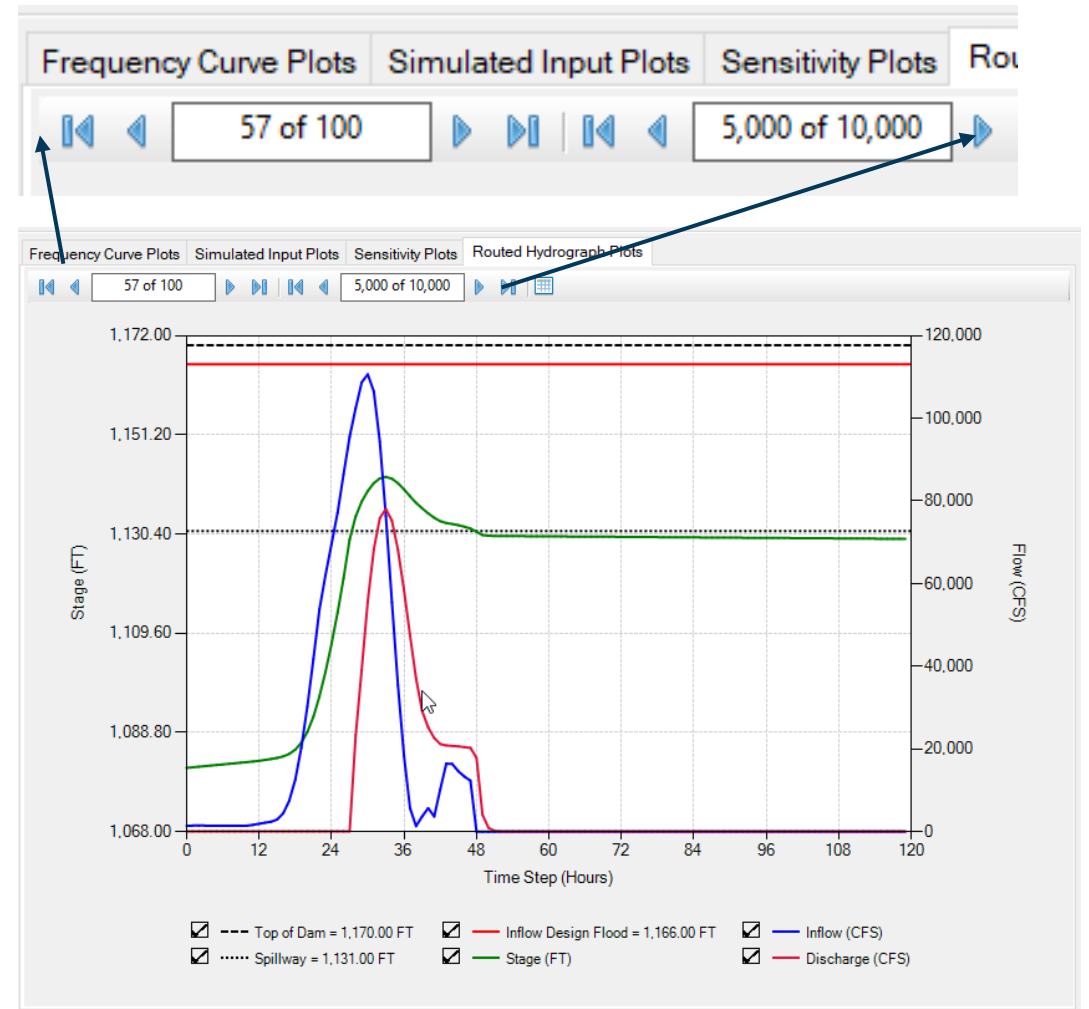
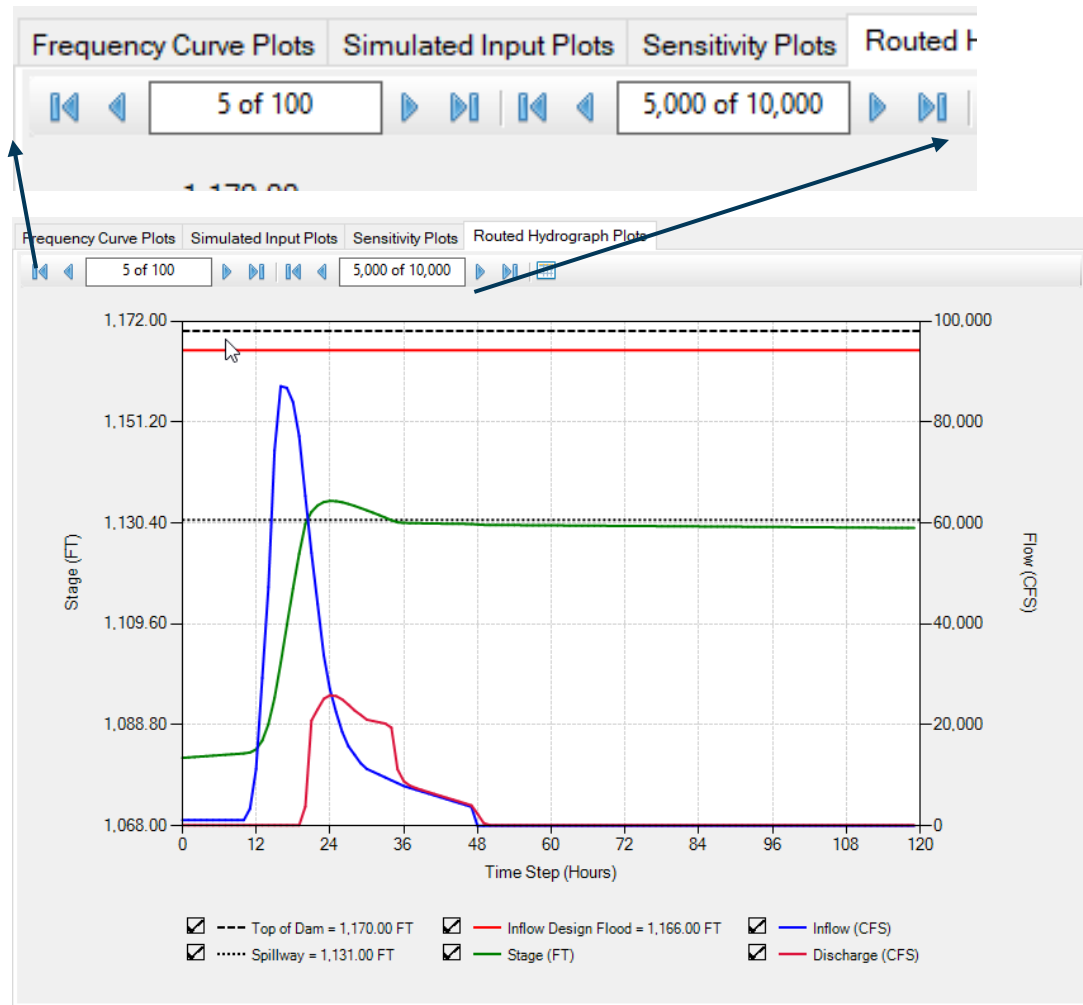


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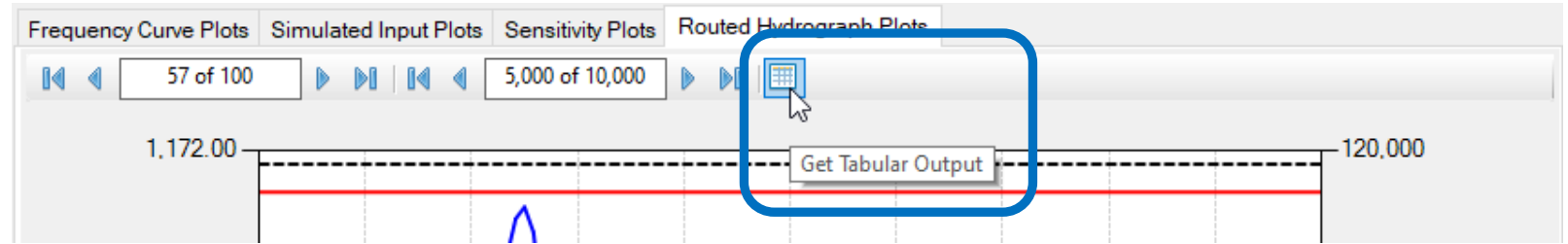
Expected/Median Only



Full Uncertainty



Tabular Output



Routed Hydrograph Output for Realization: 57 Event: 5,000

Time Step (Hours)	Inflow (CFS)	Discharge (CFS)	Stage (FT)
0.00	1,454	100	1,081.38
1.00	1,467	100	1,081.50
2.00	1,475	100	1,081.62
3.00			1,081.75
4.00			1,081.87
5.00			1,081.99
6.00	1,446	100	1,082.11
7.00	1,463	100	1,082.23
8.00	1,463	100	1,082.35
9.00	1,446	100	1,082.47
10.00	1,463	100	1,082.59
11.00	1,649	100	1,082.72
12.00	1,906	100	1,082.87
13.00	2,184	100	1,083.04
14.00	2,411	100	1,083.24
15.00	2,950	100	1,083.47
16.00	4,434	100	1,083.79
17.00	7,487	100	1,084.31
18.00	12,613	100	1,085.20
19.00	20,332	100	1,086.66
20.00	20,332	100	1,088.00

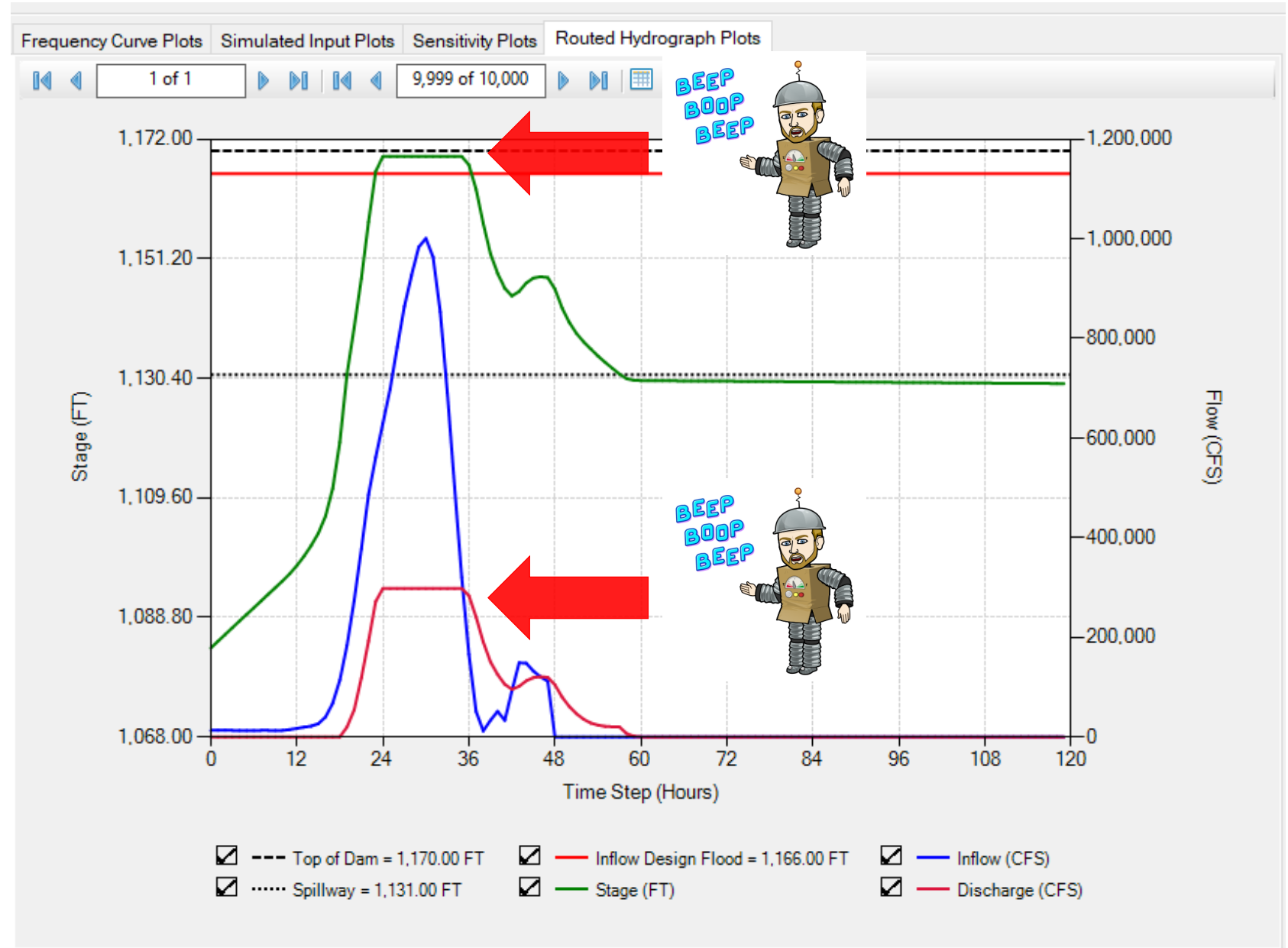


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What to Look For



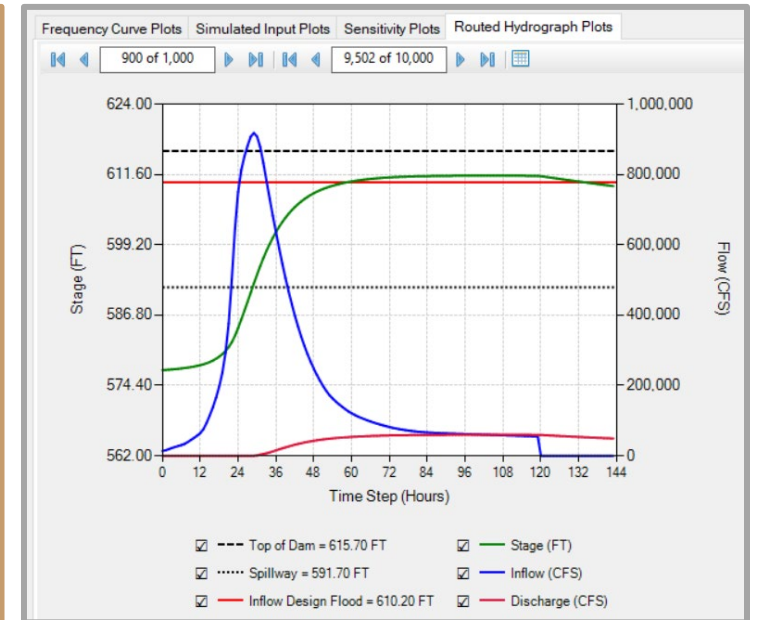
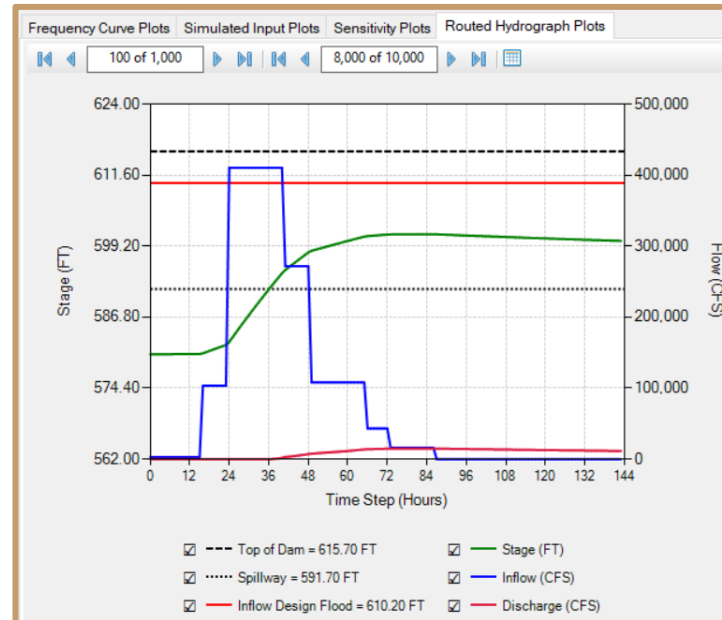
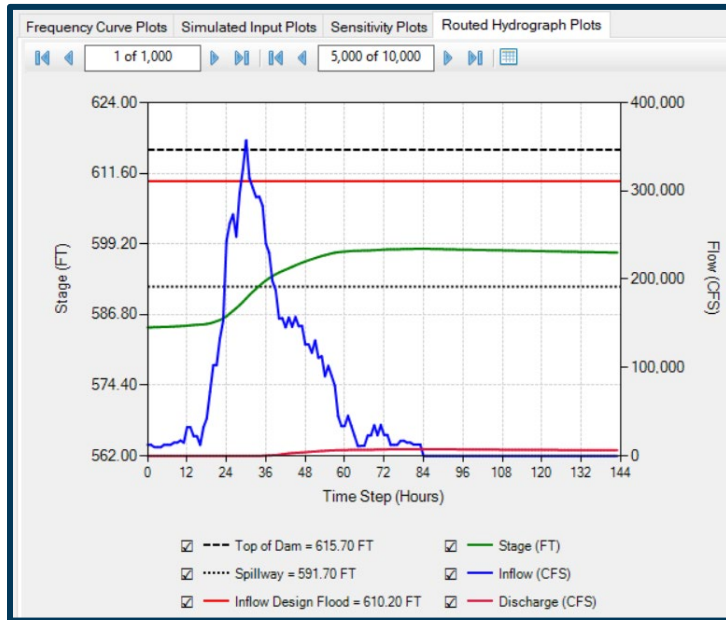
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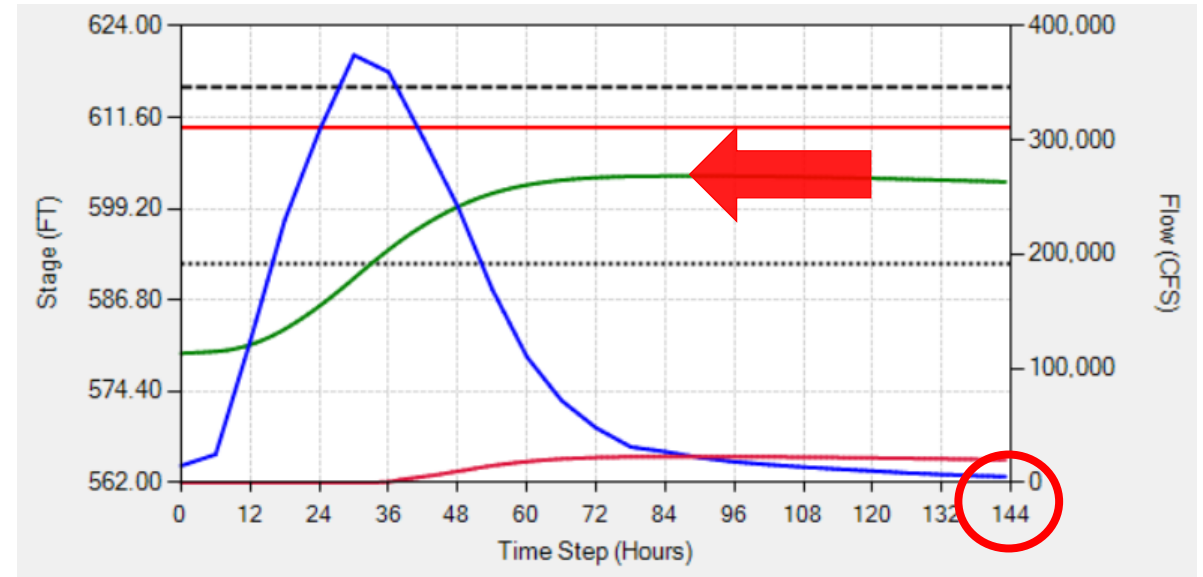
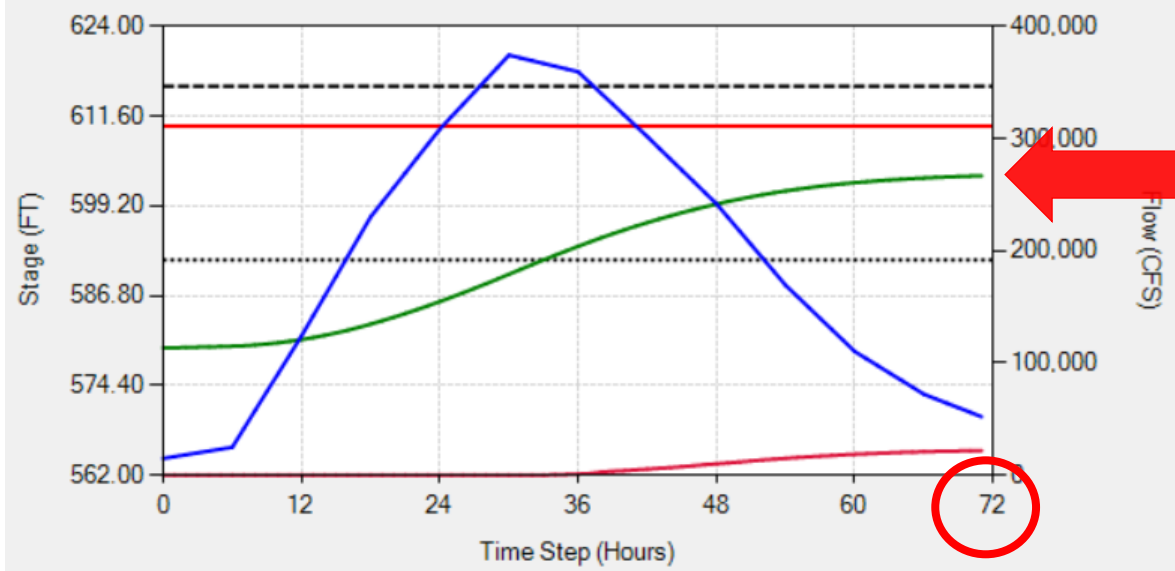
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What to Look For (1 of 2)



What to Look For (2 of 2)



? Questions