

Interactive comment on “A measure of watershed nonlinearity: interpreting a variable instantaneous unit hydrograph model on two vastly different sized –watersheds” by J. Y. Ding

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AC (Author Comment) on HESSD-2-S804

Title: Revised Table 3

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Table 3 (Revised). Sensitivity of unit hydrograph peak characteristics to the number and size of time steps for the Edwardsville catchment.

Number and size of time steps $m \times (\Delta t/m)$	27 May 1938 ($N=1.47, C_h=1.30$)				02 Sept. 1941 ($N=1.84, C_h=0.74$)			
	Hydrograph peak Regen'd $q(t_p)$	Regen. error	Time to peak t_p		Hydrograph peak Regen'd $q(t_p)$	Regen. error	Time to peak t_p	
min (1)	mm h ⁻¹ (2)	% (3)	Δt (4)	min (5)	mm h ⁻¹ (6)	% (7)	Δt (8)	min (9)
Observed								
1×14	60.45			12				
1×12					9.65			18
Regenerated								
1×14	34.93	-42.2	1	14				
1×12					9.67	0.2	1	12
2×7	46.32	-23.4	2	14				
2×6					9.07	-6.0	3	18
3×5	46.69	-22.8	3	15				
3×4					9.16	-5.1	4	16
5×3	47.81	-20.9	5	15				
4×3					9.16	-5.1	6	18
7×2	50.33	-16.7	7	14				
6×2					9.21	-4.6	9	18
14×1	44.30	-26.7	12	12				
12×1					9.06	-6.1	18	18

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