

Summary of CUHP Input Parameters (Version 1.4.4)

Catchment Name/ID	SWMM Node/ID	Raingage Name/ID	Area (sq.mi.)	Dist. to Centroid (miles)	Length (miles)	Slope (ft./ft.)	Percent Imperv.	Depression		Horton's Infiltration			DCIA Level and Fractions			Percent Eff. Imperv.
								Pervious (inches)	Imperv. (inches)	Initial Rate (in./hr.)	Final Rate (in.hr.)	Decay Coeff. (1/sec.)	DCIA Level	Dir. Con'ct Imperv. Fraction	Receiv. Perv. Fraction	
A	A	100 YEAR	0.248	0.673	1.085	0.031	44.4	0.35	0.10	3.75	0.55	0.0018	0.00	0.82	0.21	43.32
B	B	100 YEAR	0.036	0.128	0.287	0.057	53.4	0.35	0.10	3.75	0.55	0.0018	0.00	0.87	0.24	52.41
C	C	100 YEAR	0.251	0.553	1.202	0.028	53.4	0.35	0.10	3.75	0.55	0.0018	0.00	0.87	0.24	52.44

Summary of Unit Hydrograph Parameters Used By Program and Calculated Results (Version 1.4.4)

Catchment Name/ID	Unit Hydrograph Parameters and Results									Excess Precip.		Storm Hydrograph			
	Ct	Cp	W50 (min.)	W50 Before Peak	W75 (min.)	W75 Before Peak	Time to Peak (min.)	Peak (cfs)	Volume (c.f)	Excess (inches)	Excess (c.f.)	Time to Peak (min.)	Peak Flow (cfs)	Total Volume (c.f.)	Runoff per Unit Area (cfs/acre)
A	0.092	0.453	18.8	6.56	9.8	4.39	13.4	397	576,371	2.05	1,178,980	40.0	447	1,177,638	2.81
B	0.158	0.391	7.7	2.70	4.0	1.81	6.4	141	84,216	2.16	181,851	35.0	106	185,481	4.58
C	0.087	0.523	15.1	5.29	7.9	3.54	12.6	499	583,958	2.16	1,261,186	40.0	542	1,268,430	3.37