

CUHP SUBCATCHMENTS

Columns with blue color indicate data to be calculated using default values.
 Columns with red color indicate data to be calculated using user values.
 Columns with grey color indicate data to be calculated using default values.

Subcatchment Name	SPX Number	Target Water	Range	Area (sq ft)	Length to Control (ft)	Length (ft)	Slope (ft/ft)	Percent Imperviousness	Maximum Depression Storage (Water-filled inches)		Horton's Infiltration Parameters		SMA	Infiltrative Fraction DCF (Decimal)		Retaining Previous Fraction RPF (Decimal)		Effective Imperviousness (Percent)	C ₁		C ₂		C ₃		Wash of Soil Hydrograph (Minutes)		Fraction of Wash Before Peak (Decimal)		Comments		
									Permeable	Impervious	Rate (in/hr)	Time (minutes)		Level 1, 2	Level 3, 4	Override	Used		Override	Used	Override	Used	Override	Used	Override	Used	Override	Used		Override	Used
A	A	100 Year		2,263,014	2,273,648,618	1,012,227	0.021	44.4	0.35	0.1	3.75	0.0018	0.05	0																	
B	B	100 Year		0,320,225	0,128,030,501	0,286,052	0.027	53.4	0.35	0.1	3.75	0.0018	0.05	0																	
C	C	100 Year		0,207,059	0,610,319,607	1,203,983	0.028	52.40	0.35	0.1	3.75	0.0018	0.05	0																	

Typical Depression Losses for Various Land Covers
(All Values in Inches)

Land Cover	Range of Depression	Retention Losses	Recommended
Asphalt	0.00 - 0.10	0.10	
Grass	0.10 - 0.20	0.20	
Gravel	0.20 - 0.30	0.30	
Open Space	0.30 - 0.50	0.50	
Other	0.50 - 0.75	0.75	

Recommended Horton's Equation Parameters

NRCS Hydrology	Retention Losses (in)	Time (min)	Decay
A	0.4	1.0	0.0007
B	0.4	1.0	0.0010
C	0.4	1.0	0.0015
D	0.4	1.0	0.0020