FEMA Effective Model as of June 18, 2007

TC&R values for FEMA Effective Model

Vince Bayou Watershed

HCFCD TC&R Excel Template

Subwatershed	Drainage Area (acres)	Drainage Area (sq.mi.)	Watershed Length (mi.) L	Length to Centroid(mi.) Lca	Channel Slope(ft./mi) S	Overland Slope(ft./mi.) So	D	Percent Urban Development 2002 DLU	Percent Channel Improvement DCI	Percent Channel Conveyance DCC	Percent Ponding DPP	DLU affected by Detention DET	Percent Impervious 2002	(TC+R)''	TC''	R''	DLU Minimum	DLU *(Detention)*
I100A	1103.4	1.724	2.234	0.960	4.61	3.9	2.46	54.8	100.0	90	0	1.2	34.2	3.83	0.49	3.34	20.39	53.64
I100B	855.7	1.337	1.863	0.937	5.27	2.4	2.46	64.6	65.7	70	0	0.1	48.9	3.61	0.57	3.05	29.03	64.54
I100C	535.0	0.836	1.251	0.708	4.69	4.3	2.46	83.1	30.1	70	0	1.3	51.6	2.42	0.54	1.88	29.03	81.85
I100D	357.8	0.559	1.625	0.765	6.39	3.6	2.46	84.5	58.0	60	0	0.0	60.2	2.96	0.41	2.55	36.04	84.45
I100E	369.9	0.578	1.431	0.660	6.39	5.6	2.46	83.3	100.0	60	0	0.0	52.7	2.73	0.24	2.49	36.04	83.32
I100F	385.9	0.603	1.913	0.967	3.57	10.6	2.46	81.8	57.5	80	0	0.0	53.2	3.16	0.72	2.44	24.06	81.83
I100G	321.9	0.503	1.868	1.080	5.82	18.3	2.46	89.0	81.1	90	0	0.0	59.4	2.20	0.51	1.70	20.39	89.03
I100H	261.8	0.409	1.544	0.839	5.82	15.9	2.46	81.2	100.0	90	0	0.0	63.8	2.05	0.33	1.72	20.39	81.16
I100I	236.8	0.370	1.349	0.580	1.34	18.1	2.46	76.6	100.0	100	0	0.0	68.0	2.94	0.50	2.44	17.59	76.65
I10102A	426.2	0.666	1.587	0.586	6.64	3.9	2.46	84.0	4.9	60	0	0.0	59.2	2.88	0.42	2.46	36.04	84.04
I10103A	494.7	0.773	2.032	0.918	4.50	13.6	2.46	82.7	100.0	80	0	0.1	52.1	3.02	0.42	2.60	24.06	82.61
I101A	742.4	1.160	1.386	0.415	2.50	8.6	2.46	69.1	100.0	30	0	0.9	42.5	6.61	0.26	6.35	95.43	69.14
I101B	530.6	0.829	1.554	0.398	7.60	7.2	2.46	84.9	100.0	80	0	0.1	54.7	2.04	0.13	1.91	24.06	84.80
I101C	764.8	1.195	2.134	0.660	4.77	5.3	2.46	90.5	100.0	80	8	0.0	61.3	2.88	0.28	2.60	24.06	90.51
I101D	282.2	0.441	1.579	0.815	7.70	12.0	2.46	81.3	100.0	100	0	0.0	62.6	1.70	0.28	1.42	17.59	81.33
I104A	465.3	0.727	1.532	0.641	3.57	3.3	2.46	83.1	26.4	80	0	0.0	56.5	2.67	0.57	2.10	24.06	83.06
I110A	290.6	0.454	1.474	0.641	4.69	9.1	2.46	91.2	99.8	60	0	0.6	57.4	2.94	0.27	2.67	36.04	90.60
I111A	327.7	0.512	1.776	0.800	4.00	5.4	2.46	92.9	0.0	50	0	0.0	55.0	4.16	0.77	3.39	46.56	92.92
I112A	533.1	0.833	1.414	0.506	4.00	4.0	2.46	70.8	10.2	50	0	0.0	53.4	4.26	0.47	3.79	46.56	70.84
I113A	490.9	0.767	1.512	0.666	6.99	1.8	2.46	86.3	15.4	50	0	0.1	55.9	3.21	0.44	2.77	46.56	86.24