FEMA Effective Model as of June 18, 2007

TC&R values for FEMA Effective Model

Sims 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)*
C100A	1449.5	2.26	3.00	1.25	7.39	7.39	2.46	37.50	100	60	0	0.00	24.34	7.53	0.54	6.99	36.04	37.50
C100B	1179.8	1.84	2.03	0.47	7.21	6.34	2.46	47.03	100	90	0	8.78	36.37	3.84	0.19	3.65	20.39	38.25
C100C	1815.4	2.84	2.81	0.81	7.94	9.50	2.46	30.75	58	90	0	21.33	26.17	7.15	0.47	6.69	20.39	20.39
C100D	1549.3	2.42	3.06	1.14	2.79	3.70	2.46	52.65	100	100	0	7.10	36.90	5.76	0.79	4.97	17.59	45.55
C100E	1433.4	2.24	4.05	2.16	1.51	6.86	2.46	66.84	100	100	0	0.53	46.96	6.75	1.98	4.77	17.59	66.31
C100F	1648.1	2.58	3.02	1.35	4.29	8.45	2.46	38.47	0	100	0	3.84	29.90	5.90	1.46	4.44	17.59	34.63
C100G	1430.0	2.23	2.48	0.61	5.50	12.67	2.46	11.79	18	100	0	1.62	10.25	7.54	0.53	7.01	17.59	11.79
C100H	1268.5	1.98	2.51	1.09	4.75	1.06	2.46	60.79	100	100	0	0.29	41.19	3.42	0.54	2.89	17.59	60.50
C100I	2428.2	3.79	3.45	1.04	3.35	9.50	2.46	65.21	100	100	0	0.43	40.43	4.63	0.60	4.02	17.59	64.78
C100J	4014.6	6.27	4.56	1.88	1.63	9.50	2.46	67.36	100	40	0	0.29	44.77	17.21	1.64	15.58	63.71	67.07
C100K	1126.4	1.76	2.25	1.18	2.64	2.64	2.46	45.62	100	100	0	0.73	38.93	4.77	0.85	3.93	17.59	44.89
C100L	2165.3	3.38	3.46	1.52	4.00	9.50	2.46	82.11	100	100	0	0.10	53.81	3.71	0.76	2.95	17.59	82.01
C100M	1123.3	1.76	3.32	1.39	0.85	8.45	2.46	70.11	100	100	0	0.46	59.93	6.95	1.66	5.30	17.59	69.65
C102A	1857.1	2.90	3.80	1.56	3.17	3.17	2.46	89.05	100	30	0	0.00	63.06	12.38	0.86	11.53	95.43	89.05
C102B	698.3	1.09	1.93	1.08	8.76	14.26	2.46	86.51	100	100	0	0.00	68.48	1.80	0.34	1.45	17.59	86.51
C103	1032.6	1.61	3.01	1.35	11.99	10.03	2.46	92.80	100	100	0	0.00	61.70	2.10	0.36	1.74	17.59	92.80
C106A	1162.9	1.82	2.77	1.34	6.97	3.17	2.46	69.71	100	70	0	0.45	52.05	4.13	0.52	3.60	29.03	69.26
C106B	1931.4	3.02	3.91	1.82	7.83	4.75	2.46	70.76	78	60	0	0.91	48.52	5.83	0.83	5.00	36.04	69.85
C106C	1208.3	1.89	3.04	1.55	9.83	5.28	2.46	80.82	100	100	0	0.00	52.28	2.49	0.48	2.01	17.59	80.82
C106D	1833.5	2.86	4.40	1.92	8.02	7.39	2.46	72.60	100	70	0	1.25	52.49	5.34	0.71	4.63	29.03	71.35
C106E	1781.4	2.78	3.33	1.15	4.01	3.70	2.46	62.97	100	70	0	4.20	45.22	6.39	0.62	5.76	29.03	58.77
C106F	1290.3	2.02	3.68	1.57	3.74	7.92	2.46	73.38	100	70	0	1.51	53.24	6.12	0.85	5.27	29.03	71.87
C106G	1963.2	3.07	3.49	1.59	4.62	6.86	2.46	72.02	100	100	0	0.21	45.67	3.88	0.77	3.11	17.59	71.81
C118	2476.3	3.87	5.62	2.62	15.41	6.34	2.46	82.40	79	60	0	2.25	52.87	5.40	0.81	4.59	36.04	80.15
C120	1427.8	2.23	3.41	1.55	8.21	12.67	2.46	29.37	100	100	0	0.31	22.53	5.76	0.66	5.10	17.59	29.06
C123	1563.6	2.44	3.72	1.77	7.88	10.56	2.46	32.43	0	100	0	0.90	24.61	5.88	1.42	4.46	17.59	31.53
C127	1368.6	2.14	2.85	1.19	8.68	12.14	2.46	49.91	100	80	0	1.48	30.19	4.37	0.45	3.92	24.06	48.43
C132	2601.9	4.07	5.09	1.3	5.28	5.28	2.46	28.52	83	70	0	6.84	22.35	12.71	0.79	11.92	29.03	28.52
C134	1298.5	2.03	3.11	1.56	1.30	11.09	2.46	18.93	37	100	0	0.81	15.40	14.23	2.76	11.47	17.59	18.12
C137	997.5	1.56	2.26	1.06	11.62	11.62	2.46	36.54	100	60	0	3.83	29.47	5.39	0.36	5.04	36.04	36.04
C143	1266.2	1.98	2.60	1.03	12.14	12.14	2.46	44.76	100	50	0	1.66	32.44	5.90	0.33	5.57	46.56	44.76
C144	650.1	1.02	2.34	1.05	10.56	10.56	2.46	49.34	100	50	0	1.19	28.57	5.61	0.35	5.25	46.56	48.15
C145A	1192.5	1.86	2.63	1	5.28	5.28	2.46	76.67	100	40	0	0.00	47.50	7.04	0.43	6.61	63.71	76.67
C145B	882.2	1.38	2.34	0.75	11.62	11.62	2.46	55.90	100	40	0	0.00	35.02	5.56	0.23	5.33	63.71	55.90
C147A	1166.4	1.82	2.91	1.35	6.34	6.34	2.46	75.67	100	40	0	0.00	39.71	7.15	0.54	6.61	63.71	75.67
C147B	1735.7	2.71	2.88	1.18	6.86	6.86	2.46	49.28	43	50	0	0.41	29.35	7.48	0.76	6.72	46.56	48.87
C147C	1684.1	2.63	3.41	1.82	8.26	3.70	2.46	55.59	60	80	0	0.41	34.33	4.62	0.97	3.65	24.06	55.18
C161	1527.2	2.39	3.58	1.92	6.34	6.34	2.46	26.02	52	80	0	3.11	20.46	9.21	1.35	7.86	24.06	24.06
C162	622.8	0.97	2.47	1.34	6.86	6.86	2.46	41.16	100	50	0	0.04	32.32	6.96	0.59	6.36	46.56	41.16