



FEMA Effective Model as of June 26, 2014

TC&R Values for FEMA Effective Model

SUBWATERSHED	DRAINAGE AREA (AC)	DRAINAGE AREA (SQ MI)	WATERSHED LENGTH (MI) L	LENGTH TO CENTROID (MI) Lca	CHANNEL SLOPE (FT/MI) So	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)
N100A	3961.6	6.19	4.93	2.07	1.90	10.00	2.46	3.94	0	100	0	0.04	11.46	17.83	3.76	14.07	17.59	3.94
N100B	1401.6	2.19	3.78	1.38	1.90	10.00	2.46	0.51	0	100	0	0.15	91.63	14.78	2.46	12.32	17.59	0.51
N100C	691.2	1.08	3.50	1.52	1.80	10.00	2.46	33.10	100	70	0	0.04	23.60	12.96	1.42	11.54	29.03	33.06
N100D	1154.6	1.80	2.31	1.19	5.46	5.28	2.46	50.17	100	90	0	0.01	35.80	3.86	0.57	3.29	20.39	50.16
N100E	1056.0	1.65	2.35	0.66	1.07	7.39	2.46	14.36	100	70	0	0.29	12.20	12.95	0.83	12.13	29.03	14.36
N100F	1235.2	1.93	2.76	1.33	5.18	6.34	2.46	18.04	100	80	0	0.25	15.68	8.31	0.74	7.56	24.06	18.04
N100G	1120.0	1.75	3.56	1.68	4.16	5.28	2.46	50.11	100	100	0	0.27	31.00	5.23	0.95	4.29	17.59	49.84
N100H	1760.0	2.75	3.89	1.66	5.17	7.39	2.46	61.56	100	100	0	0.65	40.55	4.50	0.80	3.71	17.59	60.91
N100I	697.6	1.09	1.69	0.73	3.94	6.86	2.46	75.35	100	90	0	0.11	45.57	2.64	0.36	2.28	20.39	75.24
N100J	640.0	1.00	1.71	0.68	3.12	13.20	2.46	69.66	100	60	0	0.09	42.44	4.51	0.39	4.12	36.04	69.57
N100K	1152.0	1.80	2.26	0.88	2.73	8.98	2.46	55.34	60	40	0	0.00	42.85	9.04	0.80	8.24	63.71	55.34
N100L	2297.6	3.59	4.15	1.52	1.55	5.28	2.46	55.46	66	70	0	0.00	43.16	10.85	1.85	8.99	29.03	55.46
N104	1939.2	3.03	4.18	1.97	12.07	7.39	2.46	44.49	86	60	0	0.58	29.12	7.19	0.73	6.45	36.04	43.91
N117	1273.6	1.99	3.51	2.11	4.54	1.06	2.46	11.76	26	90	0	2.77	7.50	10.31	2.11	8.21	20.39	11.76