

RAINFALL INTENSITY VALUES

INTENSITY CHART (Rational Method)					
TIME (hr.)	2-YR	10-YR	25-YR	50-YR	100-YR
0.0333	5.19	6.89	7.91	8.8	9.65
0.0833	5.19	6.89	7.91	8.8	9.65
0.1667	4.6	6.06	6.92	7.66	8.38
0.25	4.13	5.4	6.15	6.79	7.41
0.3333	3.74	4.88	5.54	6.1	6.64
0.4167	3.42	4.44	5.04	5.53	6.01
0.5	3.16	4.08	4.62	5.07	5.5
0.667	2.72	3.5	3.96	4.33	4.69
0.8333	2.4	3.07	3.46	3.79	4.1
1	2.14	2.73	3.08	3.36	3.64
1.25	1.84	2.34	2.64	2.88	3.11
1.5	1.61	2.05	2.31	2.52	2.72
1.75	1.43	1.83	2.05	2.24	2.42
2	1.29	1.64	1.85	2.01	2.17
3	0.92	1.17	1.32	1.44	1.55
6	0.49	0.63	0.71	0.78	0.84
12	0.25	0.32	0.37	0.4	0.44
24	0.12	0.16	0.19	0.21	0.23

SCS TYPE II, RAINFALL DEPTH DURATION FREQUENCY VALUES					
TIME	RETURN PERIOD				
	2-YR	10-YR	25-YR	50-YR	100-YR
24 – HOUR DISTRIBUTION	3.6	5.3	6.3	7.1	7.9
6 – HOUR DISTRIBUTION	2.53	3.66	4.36	4.93	5.53