



RAINFALL INTENSITIES AND 24 HR STORM DEPTHS

City of Gresham

Recurrence Interval	24 HR RAINFALL EVENT DEPTH (inches)		
	West of 192nd	192nd to 242nd	East of 242nd
2 Year	2.7	2.8	2.9
5 Year	3.1	3.2	3.3
10 Year	3.5	3.6	3.8
25 Year	3.9	4	4.2
50 Year	4.3	4.4	4.6
100 Year	4.8	4.9	5.1

Duration	RAINFALL INTENSITY (inches/hour)					
	Recurrence Interval (years)					
	2	5	10	25	50	100
10	1.22	1.58	1.78	2.05	2.34	2.58
11	1.17	1.52	1.7	1.98	2.25	2.48
12	1.13	1.47	1.64	1.9	2.15	2.4
13	1.1	1.42	1.6	1.84	2.09	2.3
14	1.06	1.37	1.54	1.79	2.01	2.25
15	1.03	1.32	1.5	1.73	1.95	2.18
16	1	1.28	1.45	1.68	1.9	2.12
17	0.97	1.24	1.4	1.63	1.82	2.05
18	0.94	1.2	1.37	1.58	1.78	2
19	0.91	1.17	1.33	1.54	1.72	1.95
20	0.89	1.14	1.3	1.5	1.68	1.9
21	0.87	1.11	1.27	1.48	1.64	1.85
22	0.85	1.08	1.23	1.44	1.6	1.8
23	0.83	1.05	1.2	1.4	1.57	1.76
24	0.81	1.03	1.17	1.38	1.53	1.72
25	0.79	1.01	1.14	1.34	1.5	1.68
26	0.77	0.99	1.11	1.31	1.47	1.64
27	0.75	0.97	1.09	1.28	1.43	1.6
28	0.74	0.95	1.07	1.26	1.4	1.57
29	0.72	0.93	1.04	1.23	1.38	1.53
30	0.71	0.91	1.02	1.21	1.35	1.5
35	0.64	0.82	0.92	1.09	1.22	1.37
40	0.59	0.75	0.85	1	1.12	1.24
45	0.54	0.69	0.78	0.92	1.03	1.14
50	0.51	0.64	0.72	0.85	0.95	1.06
55	0.48	0.6	0.68	0.8	0.89	1
60	0.45	0.57	0.64	0.75	0.84	0.94