

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
117	6.50	0.97	1.01	1.05	1.13	1.23	1.30
123	7.80	3.70	3.75	3.78	3.82	3.85	3.89
129	6.50	1.17	1.37	1.53	1.83	2.13	2.32
131	6.50	1.55	1.98	2.29	2.73	3.12	3.36
137	10.00	6.72	7.07	7.25	7.45	7.66	7.84
139	10.00	6.75	7.11	7.30	7.51	7.73	7.95
145	8.00	4.97	5.22	5.34	5.47	5.47	5.47
147	8.50	6.66	6.99	7.15	7.26	7.26	7.26
149	9.00	7.11	8.04	8.65	9.00	9.00	9.00
153	8.00	1.68	2.11	2.40	2.82	3.20	3.43
155	6.50	1.86	2.37	2.66	3.06	3.40	3.62
157	6.11	1.87	2.37	2.66	3.06	3.40	3.62
159	6.01	1.87	2.37	2.66	3.06	3.40	3.62
161	6.50	1.89	2.38	2.66	3.07	3.40	3.62
165	9.50	2.39	2.99	3.13	3.28	3.42	3.63
167	18.15	16.03	16.59	16.53	16.49	16.47	16.47
169	18.00	16.82	17.12	17.11	17.10	17.10	17.10
171	18.00	16.99	17.32	17.32	17.31	17.31	17.31
173	18.00	17.15	17.45	17.45	17.45	17.45	17.45
175	18.00	17.43	18.00	18.00	18.00	18.00	18.01
177	11.00	3.29	3.93	4.27	4.62	4.89	5.04
181	12.77	10.68	10.91	11.02	11.13	11.25	11.36
183	13.75	11.71	11.99	12.15	12.33	12.55	12.80
187	10.50	3.34	4.00	4.32	4.66	4.92	5.08
189	10.00	6.18	6.19	6.14	6.10	6.07	6.04
191	10.00	9.74	10.02	10.03	10.04	10.06	10.09
193	11.96	9.78	10.68	10.91	10.96	10.94	10.78
195	12.00	10.85	12.00	12.01	12.02	12.03	12.04
203	14.00	5.30	5.59	5.78	6.01	6.27	6.46
205	14.00	5.30	5.59	5.78	6.01	6.27	6.46
207	12.52	7.11	7.26	7.26	7.21	7.16	7.12
209	10.00	10.01	10.02	10.03	10.04	10.05	10.07
219	7.50	3.34	4.06	4.47	4.92	5.14	5.40
221	7.50	3.34	4.05	4.45	4.88	4.99	5.07
225	8.00	5.28	5.86	6.15	6.48	6.83	7.14
227	14.65	6.32	6.86	7.14	7.44	7.75	8.03
229	14.81	7.23	8.14	8.87	9.80	11.44	12.30
233	8.70	3.35	4.08	4.50	4.96	5.23	5.54
241	6.70	2.12	2.59	2.87	3.16	3.42	3.63

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
245	5.00	3.29	4.06	4.51	4.98	5.00	5.04
247	6.00	3.66	4.61	5.08	5.59	6.07	6.24
251	7.50	3.89	4.80	5.24	5.77	6.20	6.36
253	7.60	4.23	4.94	5.38	5.97	6.44	6.59
255	9.00	7.32	8.02	8.45	8.90	9.01	9.01
257	8.20	6.46	7.00	7.22	7.36	7.43	7.46
259	8.30	6.65	7.54	8.00	8.30	8.33	8.35
261	9.00	7.29	7.95	8.38	8.83	9.00	9.00
263	18.63	7.98	8.61	8.92	9.25	18.63	18.63
265	10.00	7.51	8.11	8.50	8.95	9.19	9.22
267	17.47	7.89	8.55	9.17	10.07	10.23	10.52
269	17.79	7.95	8.58	9.19	10.10	10.33	10.64
271	10.00	7.77	8.52	9.15	10.00	10.02	10.04
273	17.12	7.86	8.29	8.55	9.01	9.31	9.46
275	17.45	8.19	8.56	8.77	9.05	9.40	9.65
277	8.50	4.71	5.55	5.93	6.33	6.80	7.00
279	7.30	4.91	5.66	6.07	6.49	6.90	7.04
281	7.30	6.11	6.62	6.68	7.30	7.31	7.32
283	9.60	6.05	6.86	7.06	7.27	7.51	7.66
285	9.10	6.30	7.24	7.47	7.72	7.98	8.15
287	9.91	7.68	8.42	8.60	8.84	9.04	9.15
289	9.70	9.46	9.71	9.71	9.72	9.73	9.75
293	11.60	8.60	9.43	9.83	10.16	10.41	10.54
295	11.60	8.65	9.53	10.04	10.43	10.70	10.84
297	13.11	10.16	10.90	11.05	11.20	11.35	11.45
299	13.04	10.93	12.85	13.04	13.05	13.05	13.06
305	6.00	1.99	2.69	3.14	3.57	3.87	4.12
307	6.00	2.17	3.01	3.54	3.96	4.25	4.48
309	8.00	4.15	4.82	5.16	5.52	5.90	6.24
311	8.00	4.34	5.10	5.53	6.08	6.84	7.51
313	6.35	2.22	3.10	3.66	4.08	4.37	4.59
315	6.41	2.23	3.11	3.67	4.09	4.38	4.61
317	6.00	2.26	3.17	3.74	4.17	4.46	4.69
321	6.00	2.37	3.35	3.96	4.39	4.69	4.90
325	10.00	3.70	4.09	4.27	4.44	4.69	4.90
327	11.00	10.08	10.59	10.59	10.58	10.57	10.57
329	11.00	10.29	11.00	11.00	11.01	11.01	11.02
333	6.35	2.60	3.73	4.41	4.84	5.14	5.32
335	7.00	4.69	5.71	6.25	6.81	7.00	7.01

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
337	6.00	2.95	4.28	5.04	5.44	5.73	5.89
339	6.00	2.96	4.30	5.08	5.48	5.77	5.93
341	6.00	3.06	4.43	5.25	5.64	5.95	6.11
343	6.00	3.06	4.45	5.28	5.69	6.00	6.14
345	12.70	4.52	5.34	5.68	6.22	6.60	6.89
347	12.70	4.91	5.64	5.95	6.45	6.83	7.16
349	12.00	5.83	6.76	7.09	7.47	7.81	8.13
351	12.00	5.87	6.81	7.15	7.54	7.90	8.24
353	11.00	5.99	7.01	7.36	7.77	8.14	8.49
355	11.00	6.23	7.24	7.57	7.94	8.28	8.61
357	11.00	6.42	7.42	7.74	8.08	8.42	8.73
361	12.00	9.06	10.09	10.19	10.31	10.47	10.65
363	12.00	9.10	10.20	10.32	10.45	10.64	10.83
365	14.00	10.36	11.21	11.44	11.63	11.82	11.99
367	12.50	11.68	12.50	12.51	12.51	12.53	12.54
369	12.50	11.85	12.51	12.52	12.54	12.58	12.63
371	22.30	11.79	12.84	13.03	13.27	13.61	13.99
373	22.44	12.02	13.49	14.15	15.12	16.27	17.46
381	15.10	11.98	12.74	12.91	13.11	13.32	13.52
383	18.91	12.56	12.88	13.07	13.30	13.54	13.75
385	19.33	13.45	14.60	15.45	16.60	18.40	19.33
393	9.50	4.53	5.71	6.35	6.84	7.19	7.55
395	6.00	3.50	4.98	5.88	6.16	6.45	6.73
397	6.00	3.44	4.83	5.70	6.08	6.38	6.64
405	12.30	3.67	5.11	6.07	6.77	7.40	7.98
407	10.00	3.68	5.14	6.14	6.95	7.68	8.48
413	12.00	7.93	8.87	9.44	10.11	11.04	11.96
415	12.00	7.94	8.88	9.45	10.13	11.06	11.97
417	12.00	8.56	9.28	9.69	10.23	11.10	11.99
419	12.00	8.58	9.31	9.73	10.26	11.11	12.01
423	14.50	13.39	14.35	14.50	14.50	14.51	14.51
429	10.50	4.43	5.68	6.62	7.55	8.39	9.09
431	11.60	4.49	5.68	6.63	7.57	8.43	9.19
437	13.00	6.43	6.91	7.19	7.67	8.55	9.35
441	10.50	4.75	5.75	6.69	7.71	8.60	9.34
445	12.70	8.36	9.17	9.56	9.89	10.07	10.30
447	12.70	8.72	9.56	10.26	10.87	10.99	11.15
449	12.00	10.63	11.68	12.01	12.03	12.07	12.11
453	21.71	10.89	11.96	12.46	12.80	13.12	13.57

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
455	22.37	10.95	12.07	12.73	13.56	14.42	15.20
461	10.50	5.57	6.52	7.29	8.22	9.09	9.77
465	12.40	6.45	7.36	7.99	8.86	9.71	10.33
467	12.20	6.60	7.65	8.52	9.74	10.81	11.34
475	12.00	9.21	10.10	10.61	11.23	11.84	11.93
477	12.00	9.25	10.17	10.76	11.48	12.04	12.09
479	14.00	10.02	10.86	11.32	11.92	13.80	13.84
481	14.00	10.08	11.01	11.57	12.26	14.03	14.08
487	16.70	14.03	15.23	15.82	16.28	16.70	16.71
489	16.70	15.89	15.93	15.95	16.28	16.70	16.71
505	12.50	8.77	9.61	10.04	10.49	10.97	11.70
507	12.50	9.20	9.89	10.32	10.81	11.68	12.30
509	14.50	8.87	9.73	10.18	10.67	11.21	11.94
515	13.80	10.36	11.29	12.05	12.56	13.07	13.40
517	13.80	10.36	11.30	12.06	12.60	13.16	13.54
523	14.00	11.03	11.68	12.25	13.08	13.95	14.03
525	14.20	11.05	11.69	12.26	13.09	13.97	14.06
531	12.50	10.69	11.51	12.38	12.55	12.63	12.72
533	14.30	10.69	11.61	12.46	13.07	13.82	13.84
535	14.40	10.69	11.61	12.47	13.08	13.83	13.84
541	14.00	11.03	11.83	12.64	13.42	14.00	14.01
547	14.00	11.63	12.26	12.93	13.78	14.02	14.06
557	14.00	8.39	9.14	9.59	10.58	11.53	12.21
559	14.00	8.45	9.16	9.64	10.62	11.58	12.28
569	14.50	9.25	9.80	10.51	11.44	12.29	12.90
571	14.50	9.25	9.81	10.52	11.45	12.31	12.91
577	15.00	9.55	10.37	11.09	11.95	12.66	13.15
579	15.00	9.64	10.42	11.13	12.00	12.70	13.18
585	14.00	11.00	11.85	12.57	13.39	13.85	14.00
591	14.00	11.22	12.10	12.87	13.71	14.02	14.06