

Table C-1. Existing Conditions Peak Water Surface Elevations

Vertical Datum: NAVD 1988 Adjustment

Red Numbers indicate upstream flooding should be considered.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node.

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)
100	16.20	15.21	15.47	15.61	15.77	16.20	16.20
102	16.30	14.96	15.23	15.39	15.65	16.17	16.24
104	16.30	14.58	15.06	15.32	15.64	16.16	16.22
106	16.30	14.72	15.11	15.34	15.64	16.17	16.27
108	16.40	15.14	15.39	15.52	15.68	16.19	16.35
110	16.80	15.72	15.90	16.00	16.09	16.19	16.37
112	13.00	10.23	10.83	11.07	11.18	11.28	11.36
114	15.20	9.20	9.45	9.58	9.83	10.41	10.62
116	11.50	7.08	8.34	9.05	9.73	10.32	10.53
118	14.70	10.75	11.79	12.49	13.36	14.00	14.04
120	15.00	10.78	11.79	12.50	13.37	14.05	14.11
122	15.25	12.34	12.68	13.04	13.65	14.35	14.39
124	16.00	12.18	12.70	12.98	13.48	14.19	14.35
126	14.00	10.93	11.62	12.42	13.39	14.00	14.00
128	14.20	10.57	11.76	12.48	13.34	13.95	13.98
130	14.00	10.18	11.54	12.35	13.29	13.92	13.95
132	16.05	11.60	12.59	13.11	13.81	14.56	14.85
134	16.00	12.69	13.24	13.52	13.99	14.81	15.33
136	16.00	11.78	12.70	13.23	13.93	14.75	15.24
138	16.00	11.73	12.67	13.20	13.91	14.71	15.14
140	16.24	11.63	12.62	13.16	13.88	14.67	15.09
142	16.00	11.54	12.54	13.06	13.78	14.52	14.78
144	16.10	14.36	14.96	15.25	15.62	16.10	16.10
146	15.70	13.41	14.32	14.72	14.96	15.25	15.70
148	16.50	15.15	16.50	16.50	16.50	16.50	16.50
150	17.00	14.86	15.80	16.00	16.21	16.41	16.49
152	16.00	14.38	15.28	15.52	15.76	16.00	16.00
154	16.00	12.50	13.42	13.74	14.09	14.79	15.10
156	16.00	12.48	13.37	13.67	14.03	14.73	15.02
158	14.00	10.59	11.78	12.51	13.39	14.00	14.00
160	16.80	15.04	15.83	16.25	16.70	16.80	16.80
162	14.10	10.57	11.76	12.48	13.34	13.95	13.97
164	14.00	10.57	11.76	12.48	13.34	13.94	13.95
166	16.00	12.62	13.12	13.34	13.57	14.19	14.55
168	10.69	7.13	8.40	9.11	9.80	10.39	10.59
170	14.00	9.96	11.35	12.15	13.06	13.67	13.77
172	13.80	9.95	11.34	12.14	13.04	13.62	13.66

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
174	13.70	9.96	11.37	12.20	13.16	13.70	13.70
176	13.00	8.77	10.31	11.14	12.06	12.69	12.80
178	15.20	11.23	11.80	12.19	12.63	13.13	13.61
180	16.30	7.73	9.14	9.92	10.75	11.45	11.66
182	17.00	14.46	14.94	15.20	15.47	15.66	15.80
184	17.00	13.99	14.59	14.92	15.27	15.54	15.69
186	15.80	10.70	10.84	10.94	11.04	11.16	11.28
188	16.30	11.27	11.70	11.93	12.13	12.37	12.60
190	15.70	11.32	11.88	12.24	12.67	13.17	13.63
192	15.20	10.14	10.39	10.48	10.57	10.66	10.75
194	11.50	10.38	10.58	10.67	10.78	10.90	11.01
196	11.00	7.08	8.34	9.04	9.72	10.31	10.52
198	14.50	14.50	14.50	14.50	14.50	14.50	14.50
200	13.00	8.76	10.30	11.13	12.05	12.68	12.79
202	14.00	12.76	12.96	13.10	13.29	13.53	13.78
204	12.50	12.50	12.50	12.50	12.50	12.50	12.50
206	12.50	12.21	12.21	12.21	12.21	12.21	12.21
208	12.30	12.20	12.20	12.20	12.20	12.20	12.20
210	12.83	11.83	11.83	11.83	11.83	11.83	11.83
212	12.73	11.79	11.79	11.79	11.79	11.79	11.79
214	13.17	11.56	11.56	11.56	11.56	11.56	11.56
216	13.20	11.66	11.88	12.00	12.16	12.34	12.50
218	12.91	11.43	11.43	11.43	11.43	11.43	11.43
220	10.66	10.66	10.66	10.66	10.66	10.66	10.66
222	9.40	8.71	9.40	9.40	9.40	9.40	9.40
224	9.50	8.42	8.98	9.29	9.43	9.50	9.50
226	10.00	8.10	8.81	9.24	9.49	9.72	9.99
228	10.00	6.54	7.39	7.83	8.13	8.44	8.59
230	11.55	11.55	11.55	11.55	11.55	11.55	11.55
232	9.56	8.27	8.62	8.79	9.02	9.30	9.56
234	12.50	10.43	10.43	10.43	10.43	10.43	10.43
236	7.50	7.50	7.50	7.50	7.50	7.50	7.50
238	10.00	6.39	7.16	7.51	7.68	7.91	8.04
240	14.50	14.50	14.50	14.50	14.50	14.50	14.50
242	17.60	13.36	13.33	13.34	13.35	13.36	13.36
244	13.30	13.30	13.30	13.30	13.30	13.30	13.30
246	13.30	10.63	10.64	10.64	10.64	10.64	10.64

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
248	11.00	6.33	7.07	7.41	7.57	7.78	7.89
250	12.50	12.50	12.50	12.50	12.50	12.50	12.50
252	10.80	10.61	10.80	10.80	10.80	10.80	10.80
254	7.50	6.69	7.17	7.50	7.50	7.50	7.50
256	12.43	11.41	11.41	11.41	11.41	11.41	11.41
258	12.20	11.39	11.39	11.39	11.39	11.39	11.39
260	13.10	13.10	13.10	13.10	13.10	13.10	13.10
262	13.00	13.00	13.00	13.00	13.00	13.00	13.00
264	13.20	10.25	10.86	11.11	11.22	11.33	11.41
266	13.27	13.27	13.27	13.27	13.27	13.27	13.03
268	13.27	10.45	10.43	10.46	10.45	10.44	10.45
270	10.10	10.10	10.10	10.10	10.10	10.10	10.10
272	10.10	8.41	8.31	8.28	8.27	8.27	8.27
274	12.00	12.00	12.00	10.55	10.74	10.45	10.44
276	10.00	9.89	9.89	10.00	10.00	10.00	10.00
278	10.30	9.71	9.71	9.71	9.71	9.71	9.71
280	8.00	5.79	6.35	6.68	6.81	7.02	7.16
282	10.00	9.21	9.47	9.64	9.65	9.65	9.64
284	8.00	4.64	5.09	5.34	5.60	5.88	5.97
286	8.00	4.41	4.87	5.12	5.40	5.70	5.78
288	5.50	4.29	4.71	4.94	5.18	5.46	5.50
290	10.00	4.22	4.41	4.54	4.67	4.83	4.97
292	8.40	4.31	4.72	4.95	5.20	5.47	5.58
294	16.00	11.51	12.03	12.28	12.55	12.83	13.11
296	17.00	10.54	11.13	11.43	11.73	12.04	12.32
298	14.60	8.12	8.52	8.73	8.95	9.20	9.43
300	14.60	7.28	7.73	7.97	8.22	8.51	8.78
302	7.00	4.09	4.45	4.66	4.88	5.13	5.20
304	12.50	10.20	10.38	10.47	10.53	10.61	10.69
306	6.00	3.95	4.25	4.42	4.63	4.85	4.96
308	13.30	12.10	12.87	13.30	13.30	13.30	13.30
310	8.00	3.95	4.25	4.42	4.63	4.85	4.96
312	8.00	4.43	4.85	5.08	8.00	8.00	8.00
314	5.46	3.89	4.15	4.31	4.49	4.70	4.81
316	5.46	3.78	3.90	3.98	4.07	4.16	4.22
318	9.11	6.83	7.34	7.42	9.11	7.95	8.60
320	4.26	3.76	3.87	3.94	4.03	4.10	4.16

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
322	10.00	10.00	10.00	10.00	10.00	10.00	10.00
324	8.23	5.67	5.98	6.05	6.11	6.14	6.18
326	7.13	5.14	5.46	5.52	5.58	5.61	5.65
328	7.13	5.01	5.32	5.38	5.41	5.45	5.49
330	7.93	6.60	7.05	7.19	7.93	7.47	7.69
332	7.23	7.23	7.23	7.23	7.23	7.23	7.23
334	4.92	4.64	4.78	4.79	4.80	4.81	4.82
336	4.58	4.50	4.58	4.58	4.58	4.58	4.58
338	4.40	4.16	4.25	4.28	4.31	4.35	4.38
340	4.40	3.76	3.87	3.94	4.01	4.09	4.15
342	5.00	3.76	3.86	3.92	3.99	4.07	4.12
344	8.00	3.76	3.86	3.92	4.00	4.07	4.14
346	12.00	7.98	8.27	8.36	8.42	8.47	8.51
348	6.50	4.61	5.29	5.65	6.06	6.42	6.43
350	4.90	3.75	3.86	3.92	3.99	4.07	4.11
352	6.55	4.21	4.74	5.14	6.55	6.55	6.55
356	8.50	3.94	4.28	4.52	4.84	5.20	5.42
358	8.00	3.87	4.15	4.38	4.69	5.06	5.29
360	8.00	3.75	3.86	3.92	3.99	4.07	4.12
362	8.00	5.16	5.85	6.25	6.72	7.20	7.27
364	7.00	4.76	5.56	6.03	6.56	7.00	7.00
366	7.20	4.66	5.33	5.70	6.10	6.45	6.46
368	6.74	3.79	3.90	3.98	4.07	4.15	4.21
370	6.00	3.75	3.85	3.91	3.98	4.05	4.08
372	8.70	3.75	3.85	3.92	3.99	4.06	4.10
374	6.50	3.75	3.85	3.91	3.98	4.05	4.09
376	13.30	11.38	11.81	12.05	12.32	12.61	12.87
378	13.30	10.94	11.39	11.63	11.87	12.12	12.35
380	11.00	6.14	6.80	7.15	7.53	7.92	8.27
382	13.40	11.98	12.61	12.93	13.36	13.40	13.40
384	13.10	11.39	11.87	12.23	12.93	13.10	13.10
386	12.80	8.83	9.37	9.67	10.01	10.39	10.77
388	12.40	10.15	10.55	10.77	11.02	11.28	11.52
390	12.80	8.61	9.01	9.24	9.50	9.81	10.11
392	11.22	7.51	7.97	8.21	8.47	8.73	8.98
394	5.20	3.89	4.15	4.39	4.57	4.82	5.07
396	9.80	6.06	6.58	6.89	7.31	7.79	8.26

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
398	5.33	3.87	4.10	4.25	4.42	4.61	4.79
400	8.00	3.85	5.51	5.33	4.97	5.25	5.34
402	11.30	6.20	6.68	6.98	7.39	7.90	8.43
404	9.90	4.87	5.55	5.84	9.87	8.98	9.90
406	10.00	5.01	5.84	6.89	10.00	9.90	10.00
408	8.80	3.85	4.09	4.29	4.55	4.89	5.24
410	8.80	4.51	5.16	5.50	5.83	6.18	6.49
412	6.10	3.82	4.03	4.21	4.46	4.80	5.16
414	5.87	3.76	3.87	3.94	4.02	4.10	4.15
416	10.00	3.75	3.86	3.92	3.99	4.06	4.10
418	6.00	3.74	3.84	3.90	3.96	4.03	4.05
420	6.50	3.74	3.84	3.91	3.97	4.03	4.06
422	7.10	4.31	5.16	5.64	6.55	7.10	7.10
424	7.00	4.00	4.66	4.86	5.34	5.68	5.70
426	8.00	3.97	8.00	8.00	7.18	8.00	8.00
428	6.00	3.74	3.84	3.90	3.96	4.02	4.03
430	6.00	3.75	3.85	3.91	3.98	4.03	4.06
434	4.30	3.74	3.84	3.89	3.96	4.01	4.04
436	12.77	11.41	11.69	11.85	12.14	12.40	12.66
438	11.60	10.29	11.08	11.54	11.60	11.60	11.60
440	13.71	10.24	10.89	11.24	11.29	11.29	11.30
442	14.40	10.23	10.88	11.23	11.27	11.28	11.29
444	12.10	8.40	8.93	9.31	9.52	9.69	9.87
446	12.80	10.29	11.08	11.55	11.63	11.70	11.83
448	11.90	8.35	8.86	9.19	9.38	9.54	9.71
450	12.00	8.13	8.60	8.83	9.02	9.22	9.41
452	11.50	7.27	7.66	7.92	8.07	8.19	8.31
454	12.90	8.81	9.26	9.67	9.90	10.08	10.26
456	12.99	8.87	9.31	9.71	9.94	10.12	10.30
458	10.90	8.46	9.03	9.43	9.65	9.83	10.00
460	10.00	4.53	5.23	5.58	5.94	6.30	6.62
462	10.00	5.63	6.16	6.47	6.83	7.23	7.62
464	10.00	5.60	6.14	6.40	6.77	7.18	7.57
466	10.00	5.63	6.19	6.47	6.76	7.13	7.52
468	8.00	5.63	6.19	6.48	6.77	7.13	7.52
470	6.80	4.02	4.55	4.96	5.44	6.03	6.37
472	10.00	5.62	6.19	6.48	6.77	7.07	7.40

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
474	10.80	8.47	9.04	9.44	9.66	9.84	10.02
476	10.20	5.51	6.11	6.39	6.68	6.97	7.24
478	10.30	5.52	6.13	6.41	6.69	6.99	7.25
480	6.03	3.79	3.96	4.04	4.10	4.20	4.26
482	5.80	3.79	3.96	4.03	4.09	4.19	4.25
484	4.20	3.78	3.95	4.02	4.07	4.16	4.20
486	10.13	5.91	6.46	7.11	10.13	10.13	10.13
488	6.00	3.74	3.84	3.90	3.97	4.04	4.05
490	11.80	4.90	5.70	6.18	6.75	7.42	8.07
492	6.00	3.75	3.85	3.90	3.97	4.04	4.06
494	11.30	4.87	5.50	5.86	6.28	6.83	7.36
496	4.00	3.74	3.83	3.89	3.95	4.00	4.00
498	4.00	3.78	3.95	4.00	4.00	4.00	4.00
500	5.00	4.33	5.00	5.00	5.00	5.00	5.00
502	5.96	4.59	5.72	5.96	5.96	5.96	5.96
504	6.00	4.38	5.11	5.44	5.21	5.85	5.21
506	6.00	4.36	5.18	5.29	5.31	5.32	5.30
508	5.20	3.74	3.84	3.89	3.96	4.01	4.04
510	6.00	3.73	3.82	3.88	3.94	3.99	4.00
512	9.00	9.00	9.00	9.00	9.00	9.00	9.00
514	8.00	5.40	5.40	5.40	5.40	5.40	5.40
516	8.00	5.13	5.13	5.13	5.13	5.13	5.13
518	4.00	3.74	3.83	3.89	3.95	4.00	4.00
520	4.86	3.80	3.89	3.96	4.04	4.14	4.86
522	6.00	4.26	4.26	4.27	4.31	4.35	4.40
524	4.50	3.73	3.81	3.87	3.93	4.00	4.01
526	6.00	3.72	3.81	3.86	3.92	3.98	4.00
528	5.50	4.00	4.51	4.95	5.50	5.50	5.50
530	4.50	3.74	3.83	3.90	3.99	4.06	4.11
532	6.15	3.73	3.81	3.87	3.93	3.98	4.00
534	6.00	3.73	3.81	3.86	3.92	3.98	4.00
536	11.00	9.77	10.28	10.68	10.87	10.89	10.90
538	12.00	12.00	12.00	12.00	12.00	12.00	12.00
540	12.70	12.70	12.70	12.70	<i>10.65</i>	<i>10.76</i>	<i>10.85</i>
542	10.90	9.91	10.35	10.71	10.89	10.89	10.90
544	11.20	9.07	9.56	9.89	10.29	10.65	10.97
546	13.23	8.65	9.35	9.72	10.16	10.61	10.99

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548	14.00	8.60	9.33	9.71	10.15	10.60	10.99
550	13.00	8.57	9.31	9.68	10.12	10.59	11.00
552	12.00	8.54	9.29	9.67	10.11	10.57	10.98
554	7.25	3.83	3.91	3.98	4.06	4.14	4.20
556	12.00	8.44	9.15	9.54	9.98	10.47	10.97
558	14.00	7.37	7.94	8.20	8.41	8.65	8.85
560	12.00	8.42	9.14	9.53	9.97	10.46	10.97
562	10.00	6.05	6.43	6.61	6.78	6.93	7.04
564	14.00	7.19	7.78	8.04	8.27	8.52	8.73
566	10.90	9.93	10.37	10.73	10.90	10.90	10.90
568	11.50	10.02	10.62	11.50	11.50	11.50	11.50
570	12.00	9.27	11.10	11.24	11.05	10.89	10.90
572	10.80	10.80	10.80	10.80	10.80	10.80	10.80
574	6.00	3.76	3.86	3.92	3.99	4.07	4.10
576	8.00	4.04	4.42	4.60	4.80	5.02	5.22
578	7.20	3.84	4.03	4.15	4.30	4.47	4.64
580	14.00	10.10	10.82	11.24	14.00	13.59	13.53
584	12.76	8.86	9.49	9.98	10.53	11.02	11.48
592	10.00	5.79	6.34	6.45	6.55	6.65	6.75
594	11.78	8.50	9.49	9.98	10.53	11.02	11.48
596	14.60	8.42	9.41	9.89	10.43	10.84	11.21
598	14.00	8.36	9.39	9.88	10.43	10.83	11.21
600	13.70	8.34	9.37	9.86	10.40	10.78	11.13
602	13.50	8.33	9.37	9.86	10.40	10.78	11.13
604	13.20	8.33	9.35	9.83	10.37	10.73	11.06
606	12.80	8.32	9.35	9.83	10.37	10.73	11.06
608	12.30	8.18	9.17	9.64	10.15	10.33	10.48
610	8.00	7.66	8.00	8.00	8.00	8.00	8.00
612	12.12	8.18	9.17	9.64	10.15	10.33	10.48
614	10.00	8.07	9.02	9.75	9.98	10.00	10.00
616	8.30	7.05	8.30	8.30	8.30	8.30	8.30
620	10.00	6.78	7.80	8.71	10.00	10.00	10.00
622	10.00	6.62	7.76	10.00	10.00	10.00	10.00
624	10.00	5.42	6.31	6.87	7.23	7.28	7.30
626	10.00	4.97	5.58	5.74	5.89	6.03	6.15
628	8.50	5.42	6.31	6.87	7.23	7.26	7.29
630	7.20	5.41	6.31	6.87	7.20	7.20	7.20

Table C-1. Existing Conditions Peak Water Surface Elevations

Vertical Datum: NAVD 1988 Adjustment

Red Numbers indicate upstream flooding should be considered.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node.

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)
632	11.00	5.38	5.93	6.09	6.24	6.38	6.51
634	10.00	5.42	6.31	6.87	7.23	7.26	7.29
636	10.00	5.02	5.68	5.88	6.07	6.22	6.38
638	10.00	5.37	5.63	5.74	5.86	6.02	6.10
640	6.15	4.65	6.15	5.10	5.37	5.74	5.94
642	5.50	4.49	4.84	5.05	5.26	5.50	5.50
644	5.50	4.44	4.71	4.86	5.03	5.21	5.21
646	4.30	4.28	4.30	4.30	4.30	4.30	4.30
648	10.00	6.11	6.29	6.33	6.38	6.46	6.50
650	6.00	4.25	4.32	4.34	4.33	4.36	4.41
652	10.00	7.25	7.51	7.52	7.53	7.55	7.57
654	9.50	5.18	5.47	5.61	5.75	5.92	6.01
656	8.00	4.65	5.08	5.30	5.50	5.72	5.82
658	8.00	4.07	4.21	4.26	4.31	4.39	4.46
660	6.00	3.71	3.78	3.83	3.88	3.94	3.98
662	8.00	4.04	4.19	4.25	4.31	4.39	4.47
664	11.40	11.25	11.40	11.40	11.40	11.40	11.40
666	10.10	10.10	10.10	10.10	10.10	10.10	10.10
668	8.50	5.94	6.31	6.49	6.68	6.87	7.04
670	7.25	3.87	4.12	4.27	4.45	4.63	4.80
672	9.50	4.62	4.97	5.13	5.31	5.50	5.66
674	9.80	5.59	6.06	6.35	6.66	6.99	7.28
676	9.20	4.72	5.13	5.34	5.56	5.82	6.05
678	8.56	3.97	4.33	4.55	4.73	4.92	5.09
680	9.05	3.98	4.33	4.55	4.74	4.93	5.10
682	9.50	3.93	4.25	4.45	4.63	4.82	4.99
684	8.00	3.86	4.11	4.26	4.43	4.62	4.79
686	8.00	4.44	5.22	5.91	6.48	6.73	6.94
688	7.96	4.00	4.37	4.61	4.80	4.98	5.15
690	10.13	6.53	6.83	7.01	7.21	7.47	7.71
692	9.13	5.08	5.27	5.36	5.45	5.53	5.62
694	8.79	6.43	6.74	6.90	7.07	7.21	7.39
696	9.80	7.45	7.98	8.25	8.53	8.83	9.10
698	10.00	8.86	9.12	9.26	9.44	9.67	9.92
700	10.00	5.39	6.47	8.21	9.19	9.51	9.79
702	13.20	11.47	11.62	11.86	12.08	12.29	12.46
704	13.20	10.74	11.50	11.84	12.06	12.26	12.44

Table C-1. Existing Conditions Peak Water Surface Elevations

Vertical Datum: NAVD 1988 Adjustment

Red Numbers indicate upstream flooding should be considered.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node.

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)
710	6.00	3.77	3.93	4.04	4.17	4.31	4.44
720	8.70	8.70	8.70	8.70	8.70	8.70	8.70
724	7.80	7.80	7.80	7.80	7.80	7.80	7.80
726	7.80	4.83	5.11	5.25	5.46	5.75	6.07
730	6.00	4.03	4.18	4.24	4.31	4.39	4.48
732	6.87	3.73	3.79	3.84	3.90	3.95	4.00
734	12.50	3.92	4.05	4.11	4.17	4.24	4.32
736	11.50	3.81	3.90	3.95	4.01	4.07	4.12
738	7.29	3.73	3.80	3.84	3.90	3.95	4.00
740	8.00	3.73	3.79	3.84	3.89	3.95	4.00
748	8.00	3.71	3.78	3.83	3.88	3.94	3.98
750	6.00	3.72	3.79	3.83	3.89	3.95	3.99
754	9.37	9.37	9.37	9.37	9.37	9.37	9.37
756	6.00	3.72	3.79	3.84	3.89	3.95	4.00
758	6.00	3.72	3.79	3.84	3.89	3.95	4.00
760	6.00	3.71	3.78	3.83	3.88	3.94	3.98
764	6.00	3.69	3.75	3.79	3.83	3.88	3.92
768	6.00	3.68	3.74	3.77	3.82	3.86	3.90
802	9.00	7.16	7.25	7.48	7.82	8.33	8.81
806	9.15	6.47	7.06	7.36	7.73	8.21	8.69
808	9.67	6.45	7.05	7.35	7.72	8.19	8.67
820	10.72	6.52	7.07	7.35	7.71	8.19	8.67
822	9.50	8.15	8.15	8.15	8.15	8.43	8.87
824	9.80	9.80	9.80	9.80	9.80	9.80	9.80
828	11.30	6.41	7.02	7.34	7.71	8.19	8.66
830	9.30	5.38	5.74	5.90	6.05	6.16	6.26
832	7.50	4.27	4.86	5.16	5.47	5.73	5.97
834	7.30	4.24	4.75	4.99	5.22	5.39	5.55
836	8.13	3.92	4.30	4.50	4.70	4.86	5.00
838	8.13	7.04	8.11	8.11	8.11	8.11	8.11
840	8.13	3.89	4.24	4.42	4.61	4.75	4.88
842	7.13	4.17	4.65	4.88	5.10	5.27	5.42
844	7.00	3.70	3.78	3.82	3.88	3.93	3.98
846	8.00	3.69	3.75	3.79	3.84	3.89	3.93
848	8.13	7.08	8.13	8.13	8.13	8.13	8.13
850	7.20	3.69	3.75	3.79	3.83	3.88	3.92
854	7.01	4.11	4.72	5.27	6.03	7.00	7.01

Table C-1. Existing Conditions Peak Water Surface Elevations

Vertical Datum: NAVD 1988 Adjustment

Red Numbers indicate upstream flooding should be considered.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node.

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)
858	6.00	5.81	6.00	6.00	6.00	6.00	6.00
860	6.50	3.83	3.97	4.05	4.14	4.26	4.37
862	6.50	5.03	5.10	5.09	5.09	5.09	5.09
864	6.40	3.82	3.96	4.04	4.13	4.25	4.36
866	5.74	3.71	3.77	3.82	3.87	3.92	3.96
868	6.00	3.70	3.76	3.80	3.84	3.89	3.93
870	6.30	3.70	3.77	3.81	3.86	3.91	3.95
872	5.95	3.80	3.94	4.02	4.11	4.23	4.35
880	4.80	3.65	3.70	3.73	3.77	3.81	3.85
882	8.13	5.23	5.84	6.25	6.74	7.10	7.44
884	5.00	3.63	3.68	3.70	3.74	3.77	3.80
888	7.30	3.64	3.69	3.71	3.75	3.79	3.82
890	6.38	3.65	3.70	3.73	3.77	3.81	3.85
892	8.13	4.67	5.05	5.19	5.35	6.36	7.29
894	6.39	3.68	3.75	3.79	3.83	3.91	4.01
896	6.19	3.68	3.76	3.80	3.84	4.00	4.12
898	6.00	3.64	3.68	3.71	3.74	3.78	3.81
900	6.00	3.65	3.70	3.73	3.76	3.80	3.84
906	5.30	3.99	4.38	4.63	4.93	5.28	5.30
912	5.80	3.97	4.36	4.60	4.89	5.23	5.30
914	6.00	3.63	3.68	3.71	3.74	3.78	3.81
920	5.00	3.64	3.71	3.75	3.80	3.87	3.93
922	5.30	3.63	3.70	3.75	3.80	3.86	3.92
924	5.50	3.62	3.68	3.71	3.75	3.79	3.84
926	6.00	3.61	3.65	3.68	3.71	3.74	3.78
928	4.57	3.61	3.65	3.67	3.70	3.73	3.75
930	5.00	3.60	3.64	3.65	3.68	3.70	3.73
932	6.00	3.62	3.65	3.67	3.70	3.73	3.76
940	7.00	7.00	7.00	7.00	7.00	7.00	7.00
942	7.00	3.62	3.66	3.69	3.72	3.76	3.80
944	4.00	3.61	3.64	3.67	3.70	3.73	3.76
946	4.00	3.61	3.64	3.67	3.69	3.73	3.76
948	5.00	3.70	3.84	3.94	4.06	4.20	4.34
950	5.20	3.60	3.63	3.64	3.66	3.69	3.71
960	6.00	3.60	3.63	3.64	3.66	3.69	3.71
966	5.00	3.58	3.60	3.61	3.62	3.64	3.65
970	12.00	7.89	8.21	8.38	8.90	9.71	10.38

Table C-1. Existing Conditions Peak Water Surface Elevations

Vertical Datum: NAVD 1988 Adjustment

Red Numbers indicate upstream flooding should be considered.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node.

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)
974	10.00	4.55	5.51	10.00	10.00	10.00	10.00
976	10.00	3.60	3.72	3.94	4.06	4.13	4.16
980	6.00	3.56	3.57	3.57	3.58	3.59	3.59
998	6.00	3.55	3.55	3.55	3.55	3.55	3.55
999	6.00	3.55	3.55	3.55	3.55	3.55	3.55