

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)
108	12.00	9.93	10.17	10.29	10.42	10.56	11.10
110	12.00	9.76	9.95	10.04	10.14	10.34	11.07
112	11.50	8.88	9.04	9.12	9.49	10.32	11.07
114	11.50	7.87	8.53	8.97	9.51	11.50	11.50
116	11.50	6.45	6.82	6.99	7.10	7.28	7.45
118	10.30	5.41	5.86	6.08	6.21	6.44	6.66
120	9.30	4.79	5.16	5.36	5.60	5.85	6.08
122	9.30	4.23	4.83	5.11	5.41	5.68	5.93
124	10.30	5.76	6.03	6.18	6.34	6.51	6.71
126	10.30	4.71	5.22	5.53	5.90	6.30	6.68
128	10.30	5.66	5.91	6.05	6.20	6.71	10.30
130	9.30	4.23	4.83	5.12	5.42	5.70	5.95
132	10.30	5.58	5.82	6.09	9.73	10.30	10.30
134	8.80	4.71	5.22	5.53	5.89	6.30	6.67
136	9.30	4.87	5.28	5.47	5.69	5.93	6.17
138	9.46	7.33	7.91	9.46	9.46	9.46	9.46
140	8.83	6.10	6.41	6.58	6.76	6.87	6.99
144	8.80	4.70	5.19	5.49	5.83	6.19	6.52
146	8.66	4.82	5.16	5.45	5.81	6.52	8.52
148	9.86	5.93	6.14	6.26	6.38	6.51	6.64
152	8.71	5.03	5.80	6.41	8.71	8.71	8.71
154	9.20	4.70	5.16	5.44	5.76	6.09	6.38
158	9.00	4.69	5.16	5.44	5.75	6.08	6.37
160	8.60	8.60	8.60	8.60	8.60	8.60	8.60
164	8.80	4.69	5.16	5.44	5.75	6.08	6.37
168	8.50	4.31	4.96	5.24	5.54	5.85	6.10
170	7.00	3.57	3.60	3.64	3.69	3.76	3.84
172	7.70	4.06	4.63	4.89	5.18	5.47	5.71
174	8.50	3.98	4.51	4.75	5.01	5.28	5.51
176	8.50	3.60	3.89	4.07	4.27	4.47	4.64
178	7.50	4.01	4.32	4.50	4.70	4.93	5.14
188	8.50	5.08	5.33	5.49	5.68	5.89	6.09
202	14.00	14.00	14.00	14.00	14.00	14.00	14.00
204	14.00	13.70	14.00	14.00	14.00	14.00	14.00
206	13.80	13.02	13.31	13.43	13.53	13.58	13.58
208	13.50	12.99	13.50	13.50	13.50	13.50	13.50
210	12.70	12.70	12.70	12.70	12.70	12.70	12.70

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
212	12.70	11.98	12.43	12.43	12.42	12.42	12.42
216	12.00	11.83	12.00	12.00	12.00	12.00	12.00
218	12.30	11.02	11.76	11.78	11.83	11.87	11.88
220	12.00	10.98	11.65	11.67	11.74	11.77	11.81
222	12.00	10.95	11.60	11.62	11.67	11.70	11.73
224	11.50	10.90	11.50	11.50	11.50	11.50	11.50
226	11.50	10.86	11.48	11.48	11.48	11.49	11.49
228	11.50	10.48	11.36	11.37	11.38	11.38	11.39
230	11.60	10.45	11.28	11.30	11.32	11.33	11.35
232	11.50	10.42	11.22	11.24	11.26	11.27	11.30
234	11.50	10.39	11.14	11.15	11.17	11.16	11.16
236	11.00	10.35	11.00	11.00	11.00	11.00	11.00
238	11.00	10.29	10.93	10.93	10.94	10.95	10.96
240	11.00	10.22	10.75	10.76	10.80	10.84	10.86
242	11.90	9.21	10.40	10.41	10.44	10.48	10.52
246	11.00	9.14	10.33	10.35	10.37	10.41	10.44
248	9.50	8.79	9.42	9.42	9.47	9.50	9.50
250	11.10	8.79	9.44	9.54	9.77	9.93	10.18
252	10.40	8.77	9.39	9.46	9.65	9.80	10.07
254	10.40	8.77	9.37	9.41	9.55	9.63	9.80
256	10.00	8.77	9.34	9.37	9.46	9.53	9.68
258	10.00	8.77	9.32	9.34	9.41	9.41	9.44
260	9.30	8.77	9.30	9.30	9.30	9.30	9.30
262	9.30	8.77	9.30	9.30	9.30	9.30	9.30
266	9.50	8.76	9.32	9.33	9.38	9.42	9.46
268	9.50	8.65	9.04	9.14	9.28	9.36	9.44
270	9.50	7.25	7.73	7.83	7.99	8.10	8.15
274	9.80	6.62	6.82	6.93	7.07	7.27	7.46
276	9.38	5.84	6.59	6.76	6.95	7.15	7.33
278	9.38	5.84	6.59	6.76	6.94	7.14	7.31
282	9.40	6.47	6.65	6.81	6.99	7.18	7.35
284	9.50	5.90	6.64	6.81	6.98	7.17	7.34
286	9.50	5.84	6.58	6.75	6.94	7.13	7.30
288	9.30	4.73	5.29	5.44	5.60	5.78	5.95
302	9.00	6.48	6.72	6.85	6.98	7.10	7.19
304	9.00	5.27	5.46	5.63	5.81	6.00	6.17
308	9.50	6.97	7.21	7.32	7.43	7.54	7.64

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
312	8.50	5.13	5.45	5.62	5.80	5.99	6.16
316	9.00	4.27	4.75	4.90	5.06	5.24	5.41
318	8.50	3.70	4.08	4.27	4.48	4.70	4.91
320	9.50	6.97	7.03	7.07	7.11	7.16	7.20
322	8.50	3.68	4.02	4.20	4.40	4.61	4.82
324	9.20	4.75	5.78	9.20	9.20	9.20	9.20
328	9.30	4.27	4.74	5.13	5.32	5.66	5.93
330	8.57	4.28	4.82	5.22	5.72	6.48	7.06
334	8.21	6.00	6.72	8.21	8.21	8.21	8.21
336	7.90	4.29	4.84	5.22	5.73	7.00	6.88
338	8.68	4.27	4.75	5.05	5.42	5.79	6.04
340	8.80	4.27	4.72	4.98	5.27	5.56	5.81
346	7.80	3.62	3.83	3.96	4.12	4.30	4.48
348	7.80	3.61	3.77	3.88	4.02	4.18	4.35
352	6.50	3.57	3.60	3.64	3.69	3.76	3.84
360	7.80	4.40	4.90	5.20	5.54	5.93	6.31
362	5.64	3.56	3.59	3.61	3.64	3.69	3.75
364	4.73	3.56	3.57	3.57	3.59	3.61	3.63
402	15.50	10.23	11.33	11.89	12.50	13.18	13.84
404	15.00	10.23	11.33	11.89	12.50	13.18	13.84
406	15.00	10.23	11.33	11.89	12.49	13.17	13.82
410	14.50	14.50	14.50	14.50	14.50	14.50	14.50
412	14.50	12.36	12.54	12.65	12.76	13.25	13.85
414	14.80	10.21	11.31	11.87	12.47	13.13	13.76
418	14.50	11.63	12.02	12.22	12.59	13.25	13.90
420	14.70	11.20	11.55	11.90	12.53	13.21	13.87
424	16.00	10.19	11.29	11.87	12.48	13.14	13.78
426	15.20	10.18	11.28	11.84	12.43	13.05	13.62
430	14.69	13.14	14.06	14.29	14.69	14.69	14.69
432	14.00	13.04	14.00	14.00	14.00	14.00	14.00
434	15.50	12.17	12.52	12.66	12.82	13.10	13.64
438	15.50	10.17	11.27	11.83	12.41	13.03	13.60
440	13.70	10.94	11.24	11.58	12.19	12.83	13.43
442	15.00	9.87	10.98	11.55	12.15	12.79	13.38
446	14.40	9.65	10.74	11.30	11.90	12.53	13.12
448	13.30	9.04	10.08	10.62	11.20	11.83	12.42
450	12.60	9.01	10.05	10.60	11.17	11.78	12.34

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
452	13.95	11.06	11.30	11.29	11.57	12.05	12.51
454	13.30	12.98	13.30	13.30	13.30	13.30	13.30
456	13.50	9.96	10.63	10.93	11.29	11.72	12.17
458	13.80	9.89	10.58	10.88	11.25	11.69	12.16
460	13.60	9.66	10.25	10.50	10.75	11.01	11.27
462	13.20	9.16	9.78	10.05	10.32	10.60	10.86
466	12.50	7.79	8.40	8.67	8.98	9.44	9.93
470	11.50	11.50	11.50	11.50	11.50	11.50	11.50
472	11.50	9.64	9.67	9.67	9.67	9.67	10.00
474	12.50	8.05	8.34	8.46	8.83	9.38	9.91
478	11.90	6.74	7.66	8.12	8.65	9.23	9.75
480	11.80	5.77	6.73	7.22	7.76	8.32	8.84
484	11.50	9.21	9.62	9.82	10.05	10.75	11.46
486	11.50	7.63	8.55	9.06	11.50	11.50	11.50
488	11.80	6.31	6.50	6.84	7.30	7.80	8.27
490	12.00	5.44	6.28	6.74	7.26	7.78	8.26
502	11.50	11.50	11.50	11.50	11.50	11.50	11.50
504	11.50	11.50	11.50	11.50	11.50	11.50	11.50
506	12.40	12.40	12.40	12.40	12.40	12.40	12.40
508	12.90	12.71	12.46	12.38	12.38	12.38	12.38
510	12.50	11.35	11.36	11.36	11.36	11.36	11.39
514	11.50	9.96	10.18	10.28	10.50	10.70	10.92
516	11.50	9.47	9.78	10.11	10.37	10.56	10.80
520	12.00	7.33	7.54	7.66	7.79	7.89	7.99
522	12.00	10.94	11.62	11.82	11.87	11.88	11.88
526	11.70	10.91	11.60	11.70	11.70	11.70	11.70
530	12.00	8.66	9.65	9.99	10.23	10.40	10.65
532	11.60	8.60	9.63	9.97	10.21	10.38	10.63
534	11.60	6.31	6.49	6.61	7.13	7.63	8.09
538	12.00	10.51	10.92	11.44	11.80	12.00	12.00
540	12.00	9.96	10.17	10.32	10.48	10.54	10.54
542	11.30	8.44	8.75	8.94	9.14	9.30	9.38
544	8.80	7.12	7.61	7.89	8.18	8.45	8.72
546	8.80	6.58	7.15	7.45	7.76	8.14	8.63
550	9.80	5.86	6.55	7.00	7.50	8.03	8.51
552	11.80	5.50	6.43	6.90	7.43	7.96	8.46
554	11.30	5.34	6.26	6.72	7.25	7.78	8.26

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
556	11.79	5.14	6.08	6.55	7.09	7.62	8.11
560	11.00	11.00	11.00	11.00	11.00	11.00	11.00
562	11.00	9.78	9.80	9.80	9.81	9.81	9.81
564	10.50	9.75	9.78	9.79	9.79	9.79	9.79
566	10.50	8.76	8.83	8.84	8.85	8.86	8.86
570	11.30	5.12	6.04	6.51	7.04	7.56	8.04
572	10.58	4.50	5.28	5.71	6.20	6.70	7.17
574	9.80	4.05	4.61	4.96	5.39	5.84	6.28
578	9.00	3.88	4.30	4.58	4.94	5.33	5.72
580	8.90	5.46	5.60	5.68	5.77	5.87	5.96
582	8.50	5.22	5.38	5.47	5.56	5.66	5.75
584	8.50	4.33	4.49	4.58	4.67	4.83	5.16
586	8.50	3.90	4.02	4.22	4.49	4.81	5.15
588	8.00	3.74	4.02	4.22	4.49	4.81	5.15
590	5.00	3.66	3.85	3.99	4.19	4.44	4.73
592	5.45	3.62	3.74	3.83	3.97	4.16	4.37
594	5.43	3.60	3.67	3.73	3.81	3.92	4.04
596	8.50	5.19	5.35	5.43	5.51	5.61	5.69
598	8.65	4.80	4.89	4.93	4.99	5.05	5.19
606	10.50	10.50	10.50	10.50	10.50	10.50	10.50
608	10.00	8.05	8.05	8.22	8.77	10.00	10.00
610	9.00	6.83	7.63	8.03	8.50	8.97	9.00
612	8.80	6.76	7.59	8.02	8.47	8.66	8.71
614	8.80	6.76	7.58	8.02	8.47	8.66	8.72
616	12.80	10.82	11.12	11.28	11.44	11.68	11.86
618	11.20	9.81	10.32	10.57	10.83	11.20	11.20
622	9.00	9.00	9.00	9.00	9.00	9.00	9.00
624	8.50	6.72	7.55	7.98	8.43	8.50	8.50
626	10.00	6.71	7.55	7.98	8.42	8.55	8.57
628	9.80	6.55	7.41	7.83	8.27	8.73	9.23
630	11.20	6.39	7.26	7.70	8.15	8.61	9.19
632	9.14	5.23	6.17	6.77	7.43	7.58	7.70
634	11.00	5.39	6.32	6.93	7.70	8.13	8.16
636	10.78	9.07	9.35	9.49	9.63	9.76	9.89
638	9.81	7.88	8.17	8.34	8.59	9.05	9.38
640	9.16	7.32	7.85	8.12	8.44	9.16	9.16
642	8.68	7.10	7.50	7.70	7.89	8.11	8.33

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646	10.20	6.21	6.78	7.05	7.32	7.61	7.84
648	9.50	6.19	6.75	7.02	7.29	7.58	7.81
650	9.50	5.58	5.99	6.22	6.57	6.83	7.00
654	7.50	4.86	6.00	6.65	7.35	7.50	7.50
656	7.50	4.55	5.45	5.88	6.32	6.54	6.67
658	7.50	4.50	5.42	5.86	6.30	6.53	6.66
660	7.28	4.14	5.23	5.70	6.17	6.41	6.55
662	8.00	3.74	3.92	4.05	4.18	4.26	4.31
668	7.60	3.56	3.58	3.60	3.62	3.65	3.68
670	7.60	3.55	3.56	3.56	3.57	3.58	3.59
672	6.60	3.55	3.55	3.55	3.55	3.55	3.55
700	9.00	7.20	7.85	8.23	8.69	9.00	9.00
704	8.60	7.15	7.60	7.81	8.04	8.24	8.31
706	9.90	7.13	7.57	7.77	7.97	8.13	8.21
708	8.80	6.86	7.25	7.47	7.71	7.93	8.05
720	8.80	6.57	6.87	7.15	7.47	7.74	7.90
722	8.80	6.02	6.80	7.09	7.41	7.69	7.84
730	10.48	5.07	5.56	5.81	6.36	6.99	7.73
740	8.80	4.66	5.20	5.54	5.96	6.43	6.83
750	8.70	4.68	5.14	5.41	5.72	8.70	8.70
754	9.06	4.69	5.15	5.43	5.74	8.09	8.52