

Table C-3. Environmental Restoration Scenario 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	11.08
110	12.00	9.76	9.95	10.04	10.14	10.31	11.05
112	11.50	8.88	9.04	9.12	9.52	10.29	11.05
114	11.50	7.87	8.53	8.97	11.50	11.50	11.50
116	11.50	6.45	6.82	6.99	7.11	7.27	7.45
118	10.30	5.41	5.86	6.08	6.22	6.44	6.66
120	9.30	4.79	5.16	5.36	5.61	5.86	6.09
122	9.30	4.24	4.84	5.12	5.42	5.69	5.94
124	10.30	5.80	6.09	6.24	6.41	6.60	6.87
126	10.30	4.73	5.23	5.54	5.89	6.29	6.65
128	10.30	5.66	5.91	6.05	6.20	6.73	10.30
130	9.30	4.24	4.84	5.13	5.43	5.70	5.96
132	10.30	5.58	5.82	6.10	9.52	10.30	10.30
134	8.80	4.73	5.23	5.54	5.89	6.28	6.64
136	9.30	4.87	5.28	5.48	5.70	5.94	6.17
138	9.46	7.33	7.91	9.46	9.46	9.46	9.46
140	8.83	6.10	6.41	6.57	6.76	6.87	7.02
144	8.80	4.72	5.21	5.50	5.84	6.20	6.52
146	8.66	4.82	5.19	5.47	5.84	6.61	8.33
148	9.86	5.93	6.14	6.26	6.38	6.51	6.64
152	8.71	5.03	5.81	6.44	8.71	8.71	8.71
154	9.20	4.71	5.19	5.47	5.78	6.12	6.41
158	9.00	4.71	5.18	5.46	5.78	6.11	6.40
160	8.60	8.60	8.60	8.60	8.60	8.60	8.60
164	8.80	4.71	5.18	5.47	5.78	6.11	6.40
168	8.50	4.34	4.98	5.26	5.56	5.87	6.13
170	7.00	3.64	3.80	3.92	4.09	4.27	4.41
172	7.70	4.09	4.65	4.90	5.19	5.47	5.72
174	8.50	4.01	4.52	4.75	5.02	5.28	5.51
176	8.50	3.65	3.81	3.94	4.12	4.31	4.45
178	7.50	4.08	4.43	4.62	4.84	5.08	5.30
188	8.50	5.34	5.66	5.84	6.05	6.51	8.50
208	13.50	11.34	11.84	12.08	12.38	13.50	13.50
232	11.50	8.63	9.07	9.32	9.66	10.07	10.43
234	11.50	8.01	8.68	9.07	9.50	9.96	10.30
236	11.00	7.85	8.61	9.02	9.46	9.93	10.25
238	11.00	7.85	8.60	9.01	9.45	9.91	10.22
240	11.00	7.76	8.55	8.96	9.40	9.87	10.14
242	11.90	7.74	8.53	8.93	9.35	9.79	9.99

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
246	11.00	7.59	8.41	8.81	9.25	9.68	9.81
248	10.50	7.59	8.40	8.81	9.24	9.66	9.78
250	11.10	8.04	8.90	9.33	9.74	10.12	10.35
252	11.50	7.99	8.84	9.29	9.72	10.11	10.33
254	11.50	7.98	8.83	9.27	9.70	10.09	10.32
256	11.00	7.95	8.76	9.22	9.66	10.07	10.30
258	11.00	7.92	8.72	9.13	9.55	9.94	10.11
260	10.50	7.73	8.55	8.99	9.43	9.84	9.99
262	10.50	7.71	8.51	8.91	9.33	9.71	9.85
266	10.50	7.57	8.39	8.79	9.22	9.64	9.75
268	9.50	7.43	8.26	8.67	9.11	9.50	9.50
270	9.50	7.42	8.26	8.66	9.09	9.49	9.49
274	9.80	7.96	8.37	8.69	9.31	9.66	9.80
276	9.38	7.31	8.14	8.60	9.38	9.38	9.38
278	9.38	7.14	7.94	8.33	8.76	9.12	9.21
282	9.40	7.34	8.14	8.56	9.01	9.40	9.40
284	9.50	7.21	8.05	8.45	8.88	9.25	9.30
286	9.50	7.09	7.91	8.31	8.74	9.10	9.19
288	9.30	6.61	7.39	7.76	8.18	8.52	8.62
302	9.00	6.47	6.55	6.66	6.87	7.14	7.30
304	9.00	5.74	6.24	6.51	6.80	7.07	7.23
308	9.50	7.55	7.92	8.09	8.26	8.43	8.57
312	8.50	5.74	6.24	6.51	6.79	7.07	7.22
316	9.00	5.53	6.08	6.35	6.63	6.89	7.01
318	8.50	4.44	4.88	5.10	5.33	5.56	5.68
320	9.50	7.29	7.43	7.50	7.57	7.64	7.70
322	8.50	4.37	4.78	5.00	5.22	5.44	5.56
324	9.20	5.14	9.20	9.20	9.20	9.20	9.20
328	9.30	4.34	5.24	5.16	5.52	5.83	6.14
330	8.57	4.34	4.94	5.37	5.90	6.66	7.27
334	8.21	6.04	6.87	8.21	8.21	8.21	8.21
336	7.90	4.35	4.93	5.33	6.03	6.49	7.86
338	8.68	4.33	4.84	5.18	5.54	5.88	6.20
340	8.80	4.33	4.81	5.09	5.39	5.72	6.05
346	7.80	4.10	4.49	4.70	4.91	5.12	5.24
348	7.80	4.03	4.41	4.61	4.82	5.02	5.14
352	6.50	3.64	3.80	3.92	4.09	4.27	4.41
360	7.80	4.45	4.97	5.28	5.64	6.04	6.44
362	5.64	3.60	3.69	3.77	3.89	4.04	4.15

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		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
508	12.90	12.47	12.41	12.39	12.39	12.39	12.39
510	12.50	11.31	11.45	11.59	11.69	11.69	11.69
514	11.50	10.72	11.16	11.50	11.50	11.50	11.50
516	11.50	10.46	10.85	11.10	11.22	11.36	11.48
520	12.00	9.19	9.76	10.06	10.42	10.82	11.19
522	12.00	9.02	9.55	9.81	10.10	10.39	10.63
526	12.50	8.50	9.26	9.58	9.89	10.23	10.51
530	12.00	8.87	9.66	9.95	10.15	10.42	10.64
532	11.60	8.83	9.64	9.92	10.12	10.40	10.63
534	11.60	6.35	6.62	7.10	7.57	8.03	8.39
538	12.00	10.63	12.00	11.97	12.00	12.00	12.00
540	12.00	10.04	10.34	10.51	10.54	10.54	10.54
542	11.30	8.67	9.09	9.30	9.45	9.56	9.66
544	8.80	7.37	7.95	8.24	8.50	8.80	8.80
546	8.80	6.80	7.43	7.76	8.06	8.53	8.79
550	9.80	6.11	6.96	7.42	7.91	8.40	8.73
552	11.80	5.86	6.85	7.34	7.83	8.34	8.71
554	11.30	5.72	6.70	7.19	7.68	8.17	8.54
556	11.79	5.57	6.56	7.05	7.54	8.04	8.41
560	11.00	11.00	11.00	11.00	11.00	11.00	11.00
562	11.00	9.78	9.80	9.81	9.81	9.81	9.83
564	10.50	9.77	9.79	9.79	9.79	9.79	9.82
566	10.50	8.80	8.84	8.85	8.85	8.86	9.03
570	11.30	5.54	6.53	7.01	7.49	7.98	8.34
572	10.58	4.93	5.81	6.26	6.71	7.17	7.53
574	9.80	4.35	5.03	5.42	5.82	6.25	6.59
578	9.00	4.07	4.60	4.92	5.27	5.64	5.95
580	8.90	5.48	5.63	5.71	5.81	5.91	6.00
582	8.50	5.24	5.41	5.50	5.60	5.70	5.79
584	8.50	4.36	4.53	4.61	4.71	4.81	5.01
586	8.50	3.91	4.07	4.26	4.48	4.75	5.00
588	8.00	3.78	4.06	4.26	4.48	4.75	5.00
590	5.00	3.72	3.94	4.10	4.30	4.54	4.77
592	5.45	3.67	3.83	3.95	4.10	4.29	4.46
594	5.43	3.64	3.77	3.86	3.97	4.10	4.22
596	8.50	5.22	5.37	5.46	5.55	5.64	5.73
598	8.65	4.82	4.90	4.95	5.01	5.07	5.12
606	10.50	10.50	10.50	10.50	10.50	10.50	10.50
608	10.00	8.05	8.35	8.74	9.37	10.00	10.00

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610	9.00	7.61	8.25	8.65	9.00	9.00	9.00
612	8.80	7.52	8.25	8.61	8.80	8.80	8.80
614	8.80	7.52	8.25	8.61	8.80	8.80	8.80
616	12.80	11.45	11.95	12.18	12.42	12.67	12.80
618	11.20	10.98	11.20	11.20	11.20	11.20	11.20
622	10.50	7.51	8.40	8.98	9.28	9.45	9.64
624	10.00	7.54	8.25	8.60	8.87	9.09	9.34
626	10.00	7.53	8.24	8.59	8.86	9.08	9.34
628	9.80	6.77	7.67	8.10	8.77	9.10	9.63
630	11.20	6.61	7.53	7.97	8.79	9.07	9.77
632	9.14	5.66	6.98	7.60	7.66	7.70	7.76
634	11.00	5.77	7.14	7.90	8.06	8.15	8.39
636	10.78	9.87	10.27	10.52	10.78	10.78	10.78
638	9.81	8.77	9.59	9.81	9.81	9.81	9.81
640	9.16	9.16	9.16	9.16	9.16	9.16	9.16
642	8.68	7.58	8.03	8.20	8.44	8.68	8.68
646	10.20	6.94	7.50	7.73	7.95	8.18	8.21
648	9.50	6.91	7.47	7.70	7.92	8.16	8.42
650	9.50	6.11	6.49	6.77	6.97	7.16	7.25
654	7.50	5.46	6.89	7.50	7.50	7.50	7.50
656	7.50	5.11	6.09	6.47	6.62	6.77	6.85
658	7.50	5.09	6.07	6.46	6.61	6.76	6.85
660	7.28	4.86	5.93	6.34	6.50	6.65	6.73
662	8.00	3.85	4.12	4.25	4.30	4.36	4.39
668	7.60	3.58	3.62	3.65	3.68	3.72	3.76
670	7.60	3.56	3.58	3.59	3.60	3.62	3.64
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	7.16	7.60	7.82	8.05	8.24	8.31
706	9.90	7.14	7.57	7.77	7.98	8.13	8.21
708	8.80	6.86	7.26	7.47	7.72	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	7.42	7.69	7.84
730	10.48	5.07	5.56	5.81	6.37	7.00	7.74
740	8.80	4.67	5.21	5.55	5.96	6.44	6.83
750	8.70	4.70	5.16	5.44	7.85	8.59	7.21
754	9.06	4.71	5.17	5.45	5.86	7.34	6.94
812	12.00	8.47	9.25	9.57	9.88	10.23	10.50