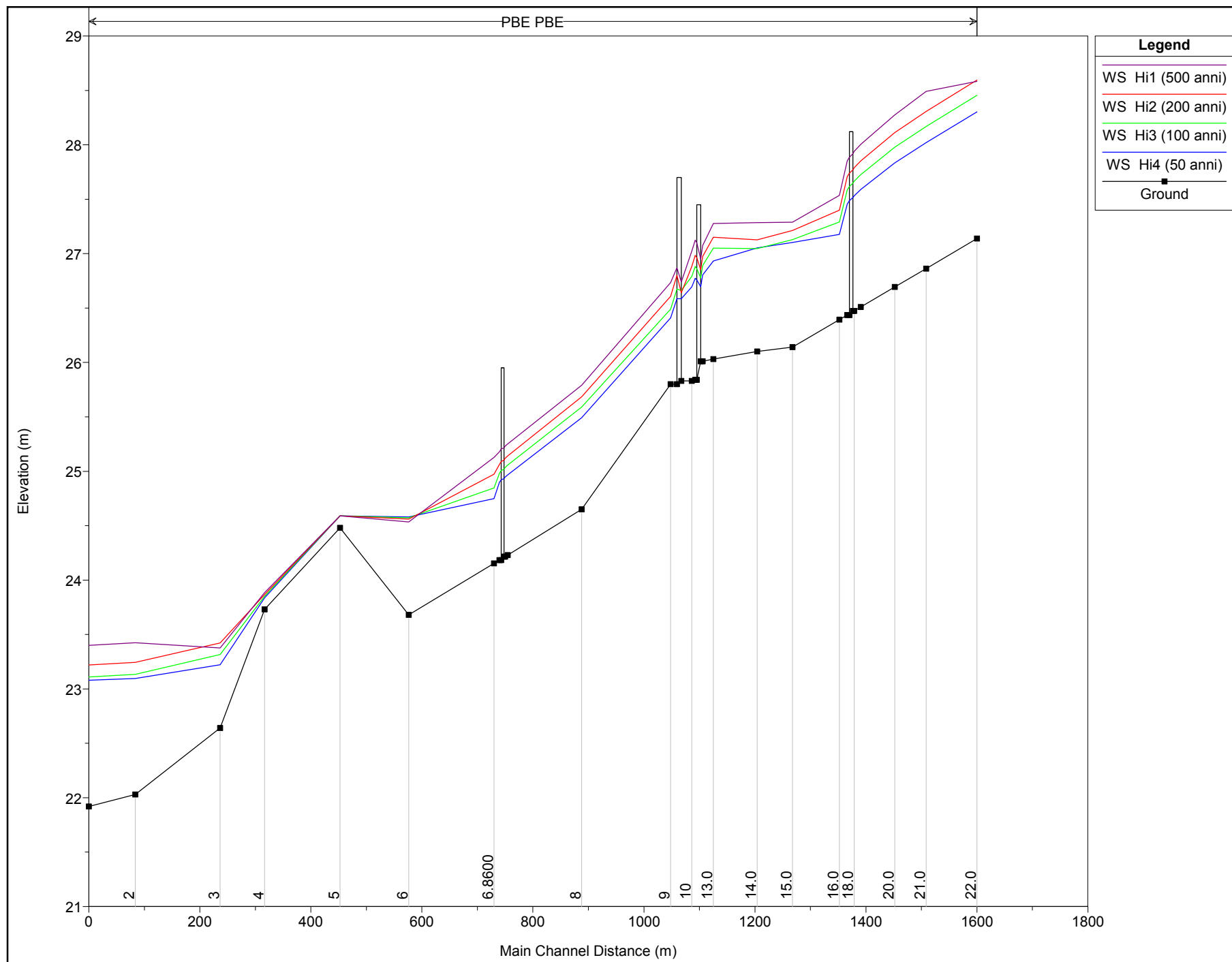


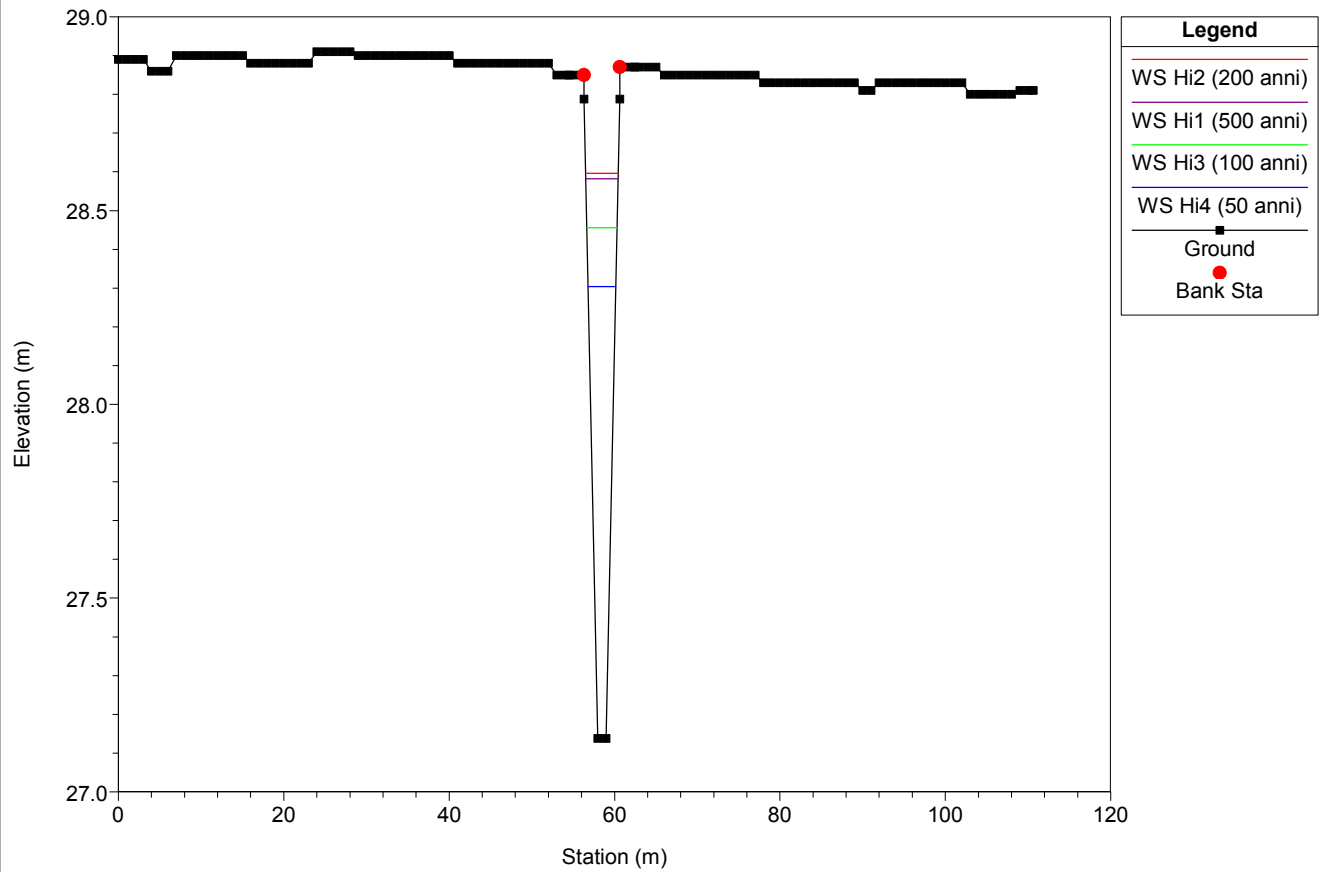
Riu Ponti Becciu

Profili di corrente per i tempi di ritorno di 50, 100, 200 e 500 anni

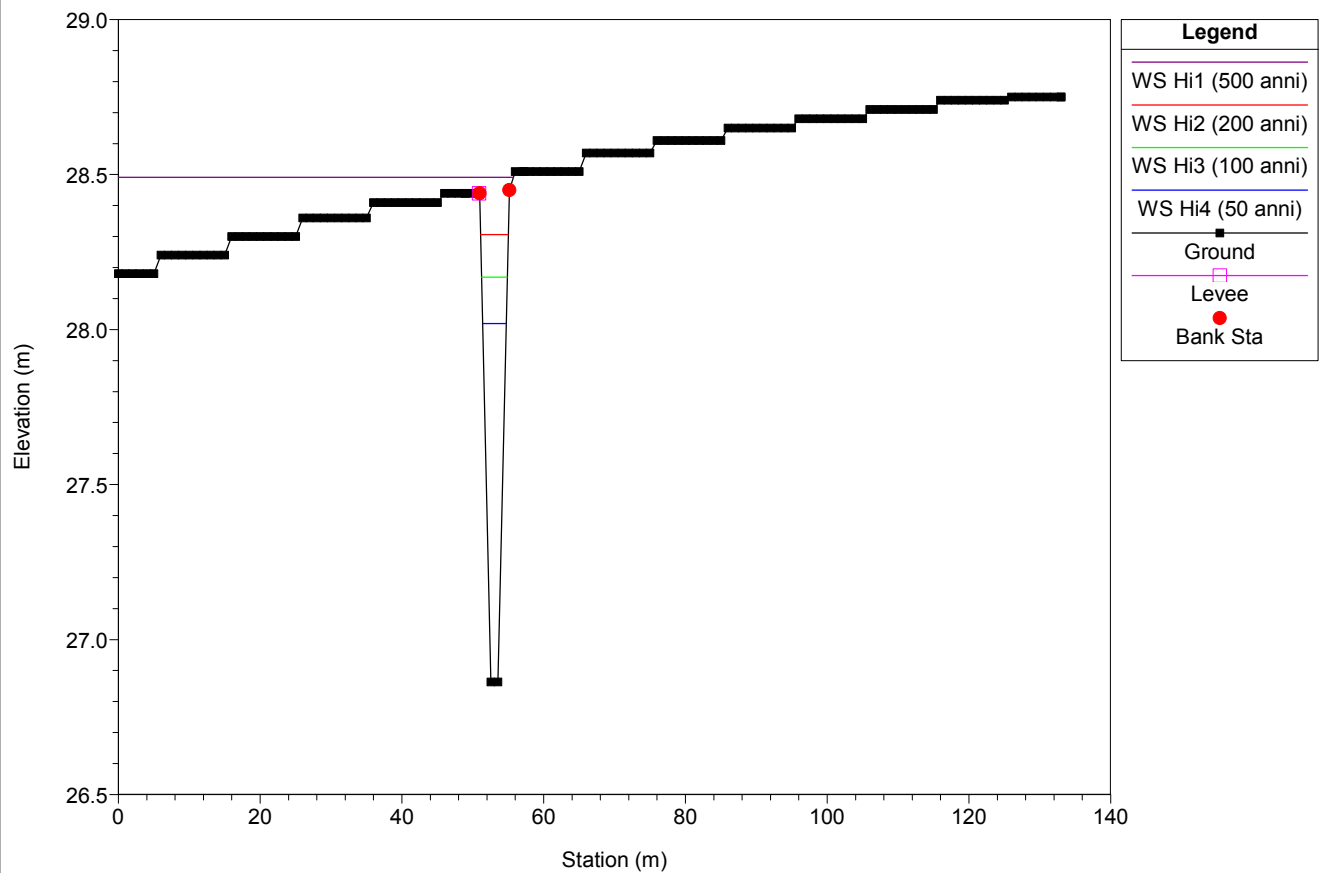


Sezioni di calcolo con livelli idrici per i tempi di ritorno di 50, 100, 200 e 500
anni

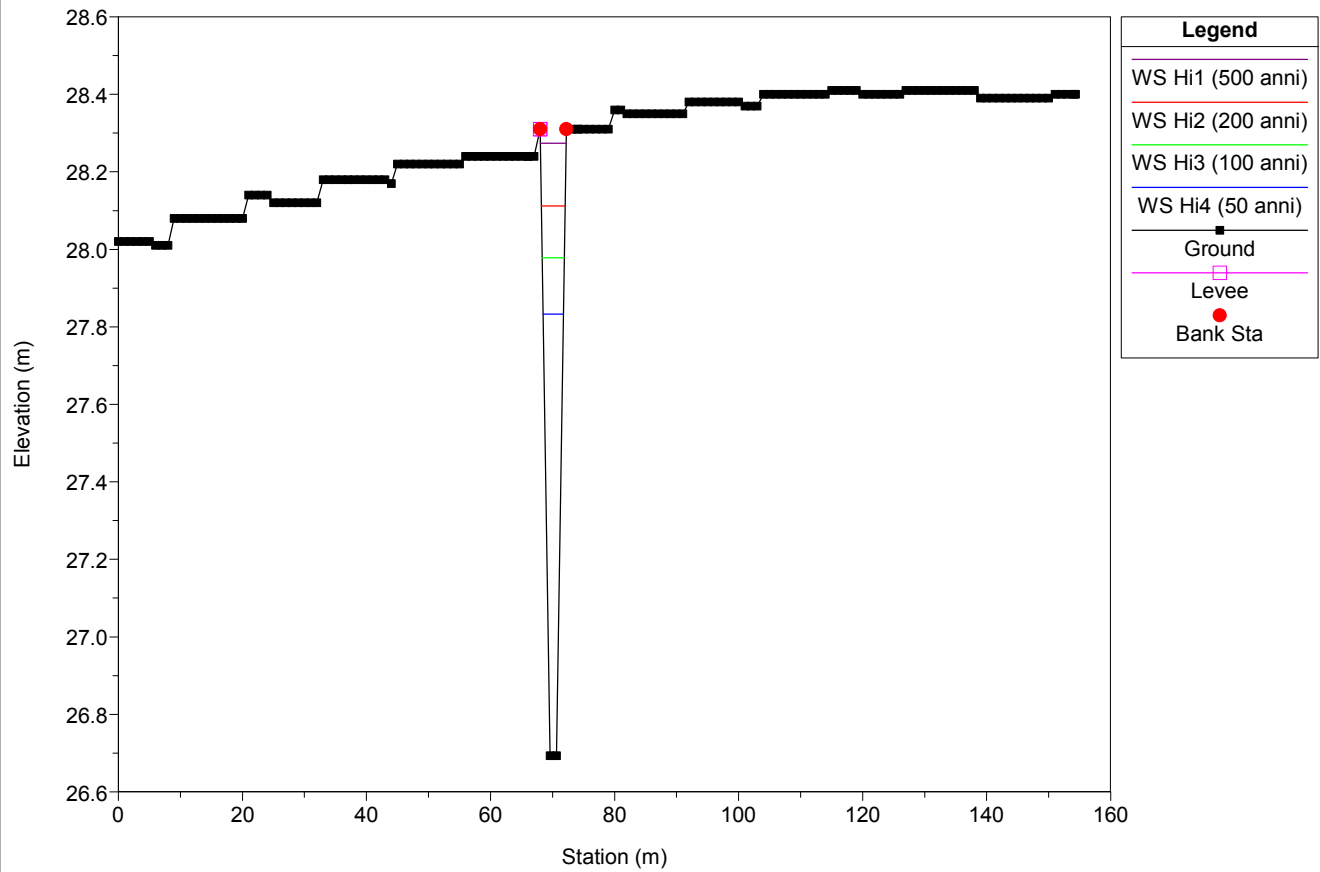
River = PBE Reach = PBE RS = 22.0



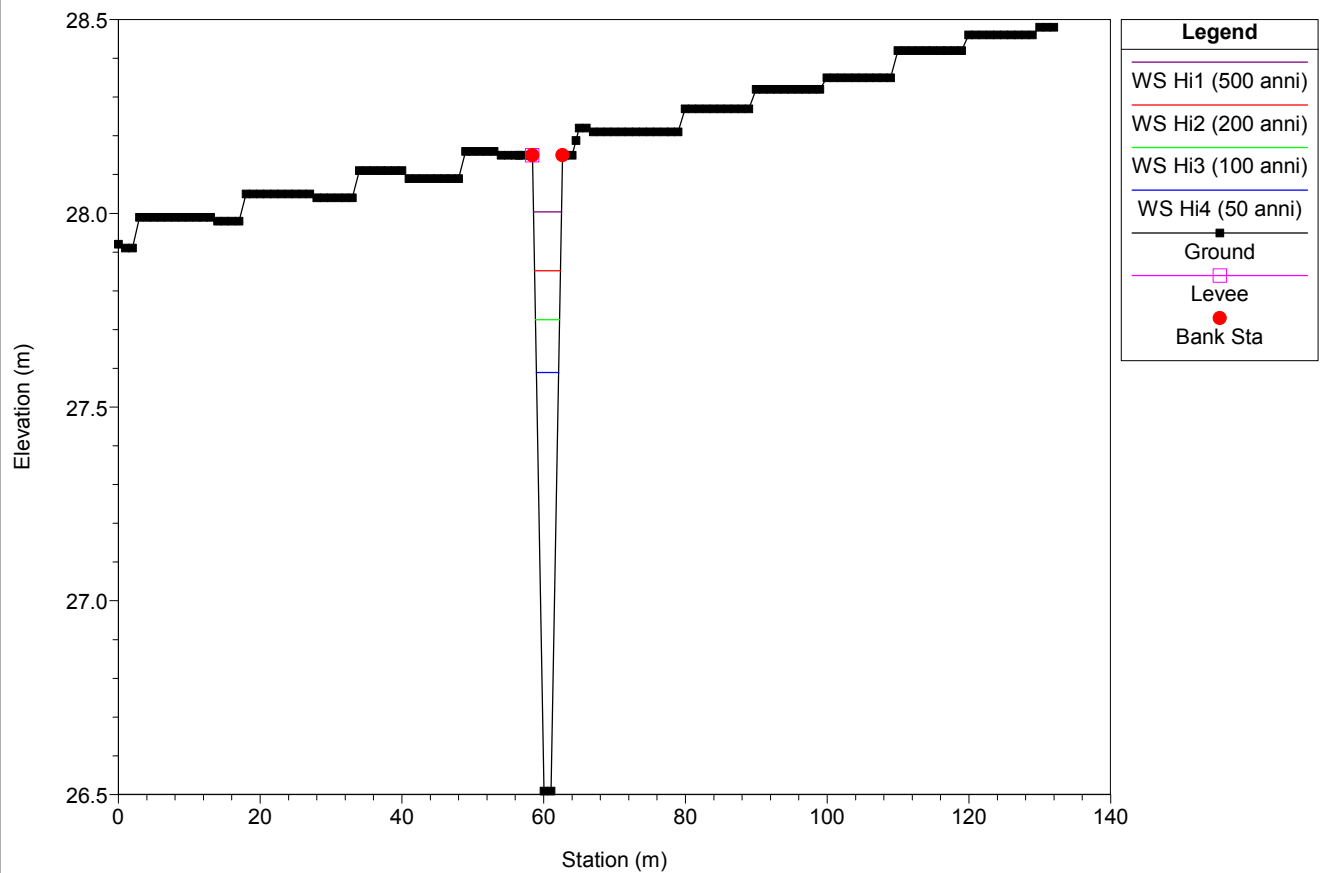
River = PBE Reach = PBE RS = 21.0



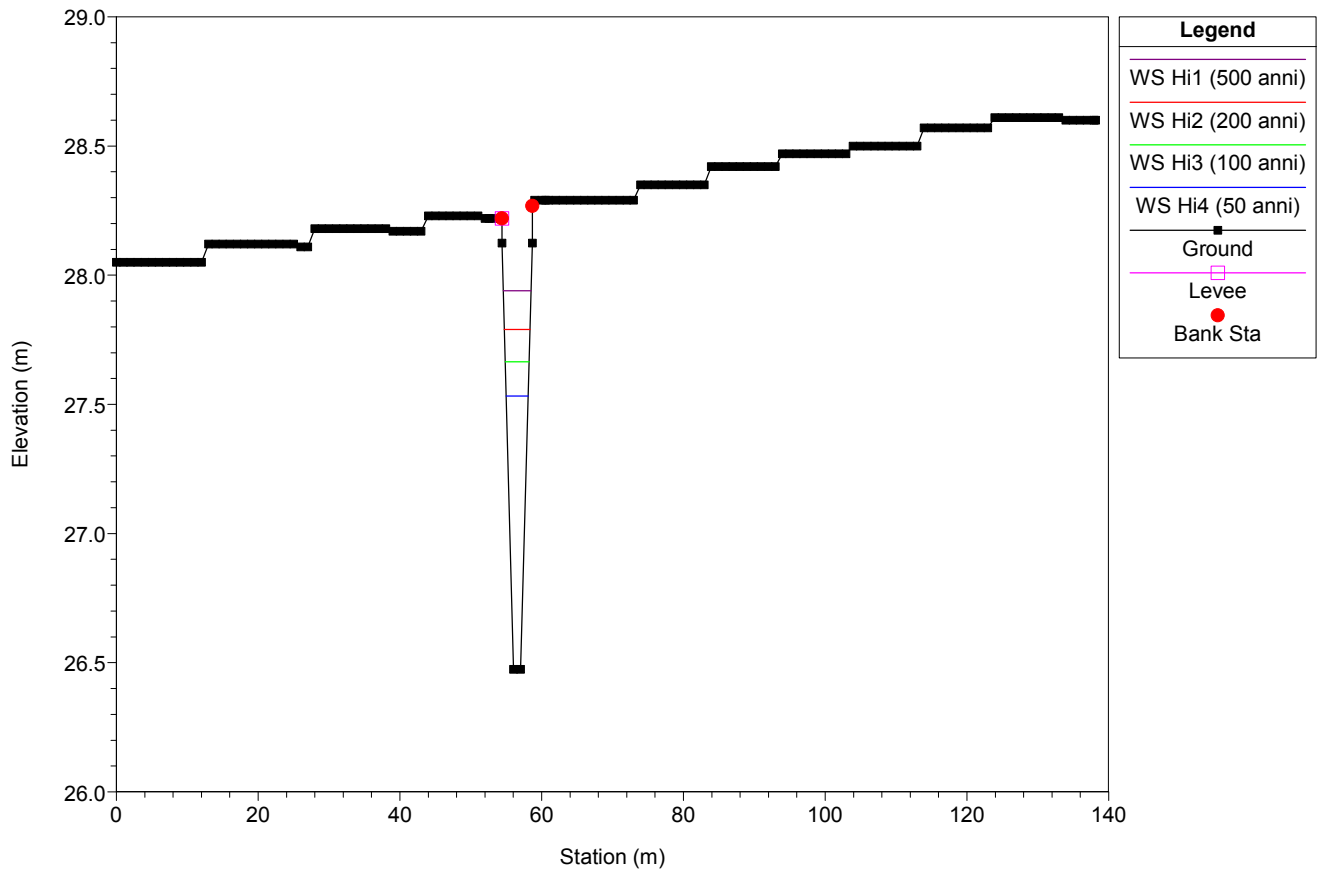
River = PBE Reach = PBE RS = 20.0



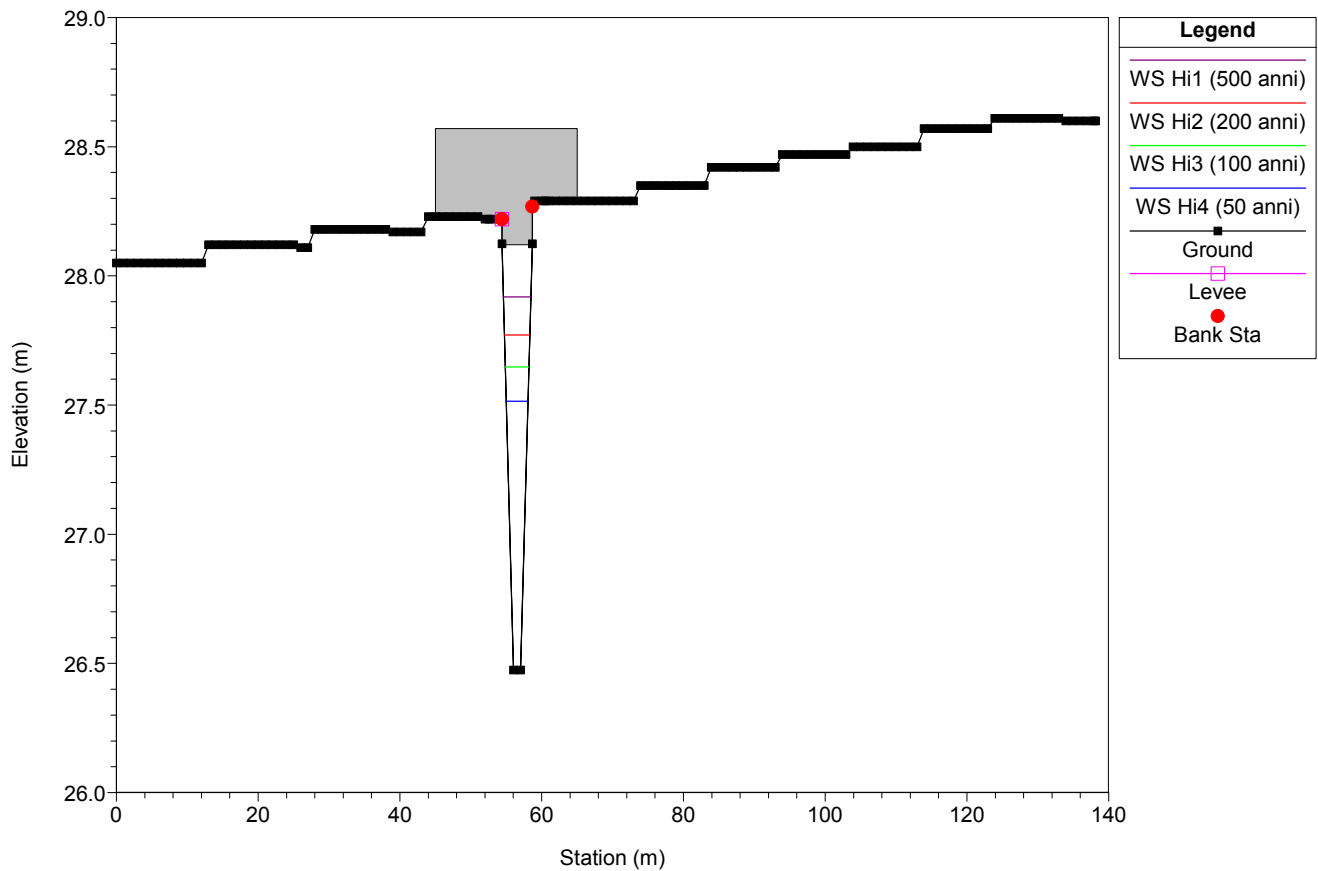
River = PBE Reach = PBE RS = 19.0



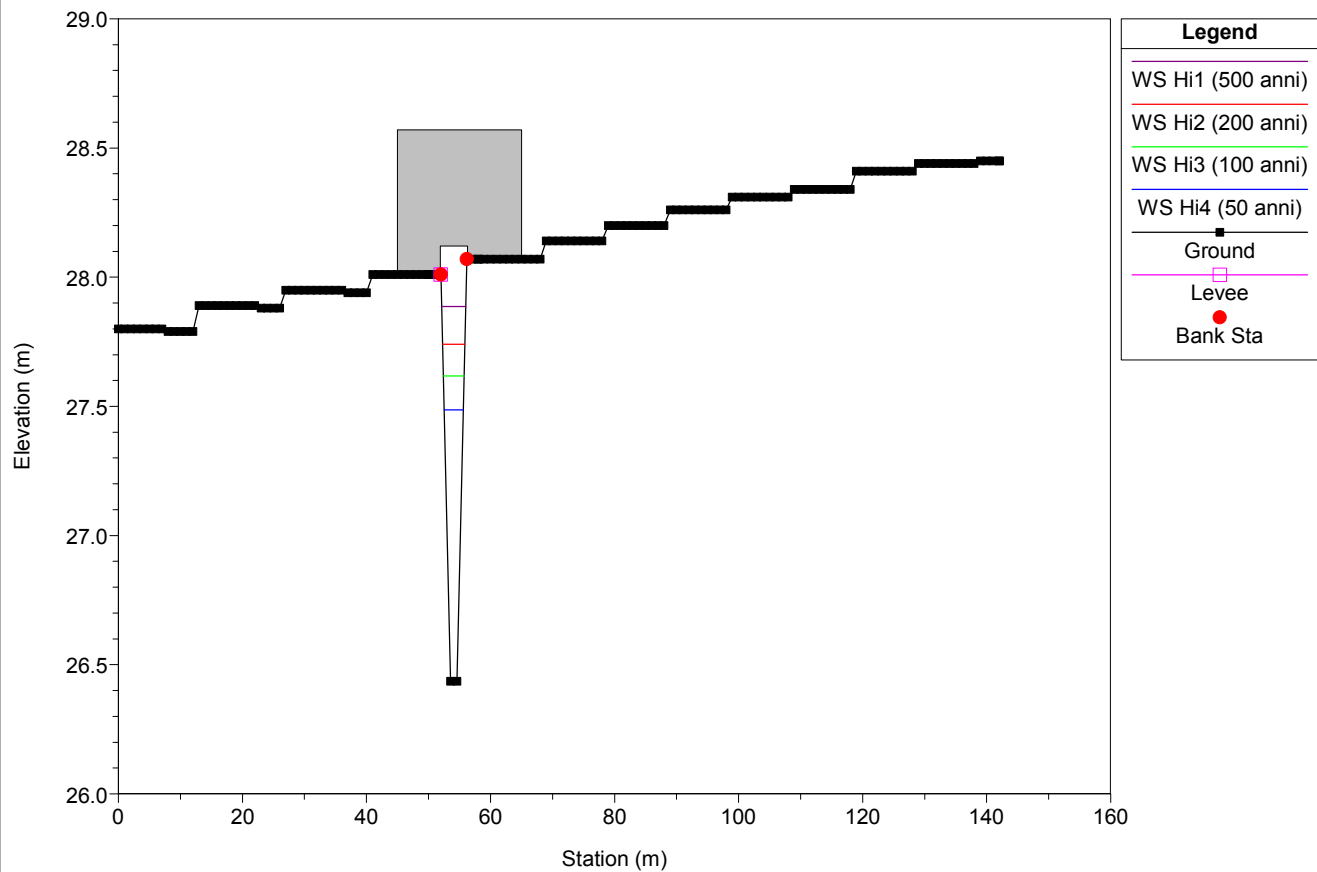
River = PBE Reach = PBE RS = 18.0



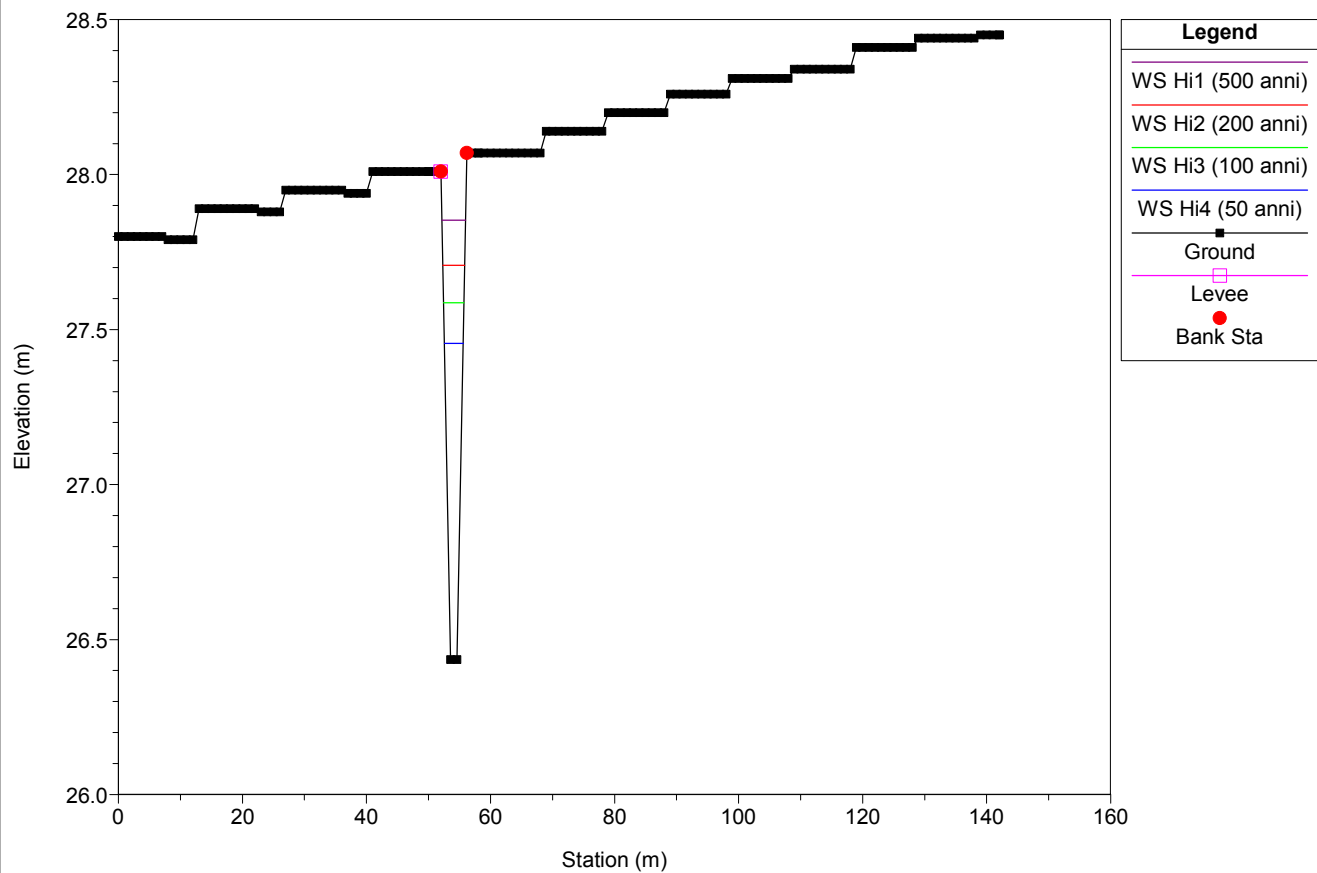
River = PBE Reach = PBE RS = 17.5 BR SC_0039



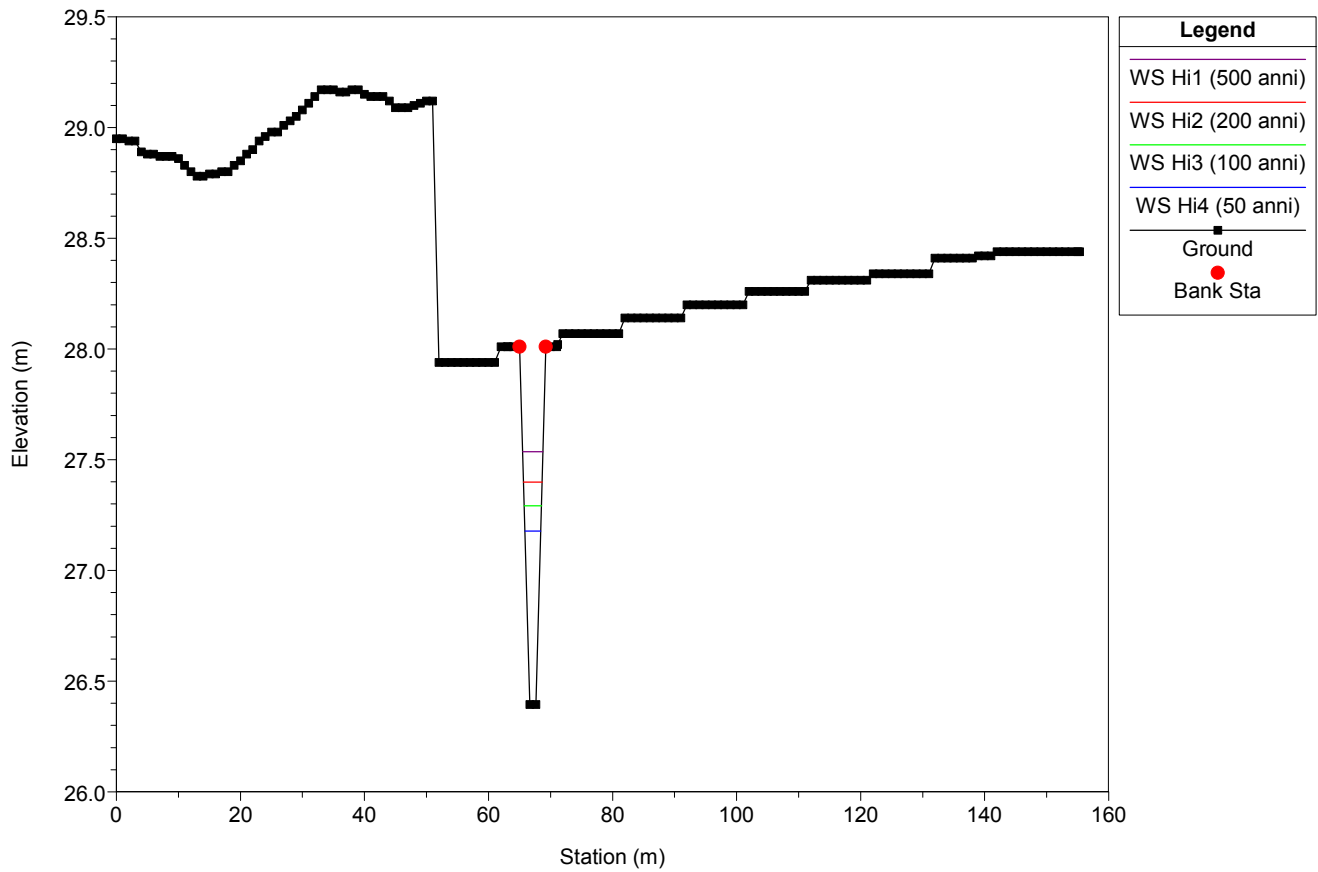
River = PBE Reach = PBE RS = 17.5 BR SC_0039



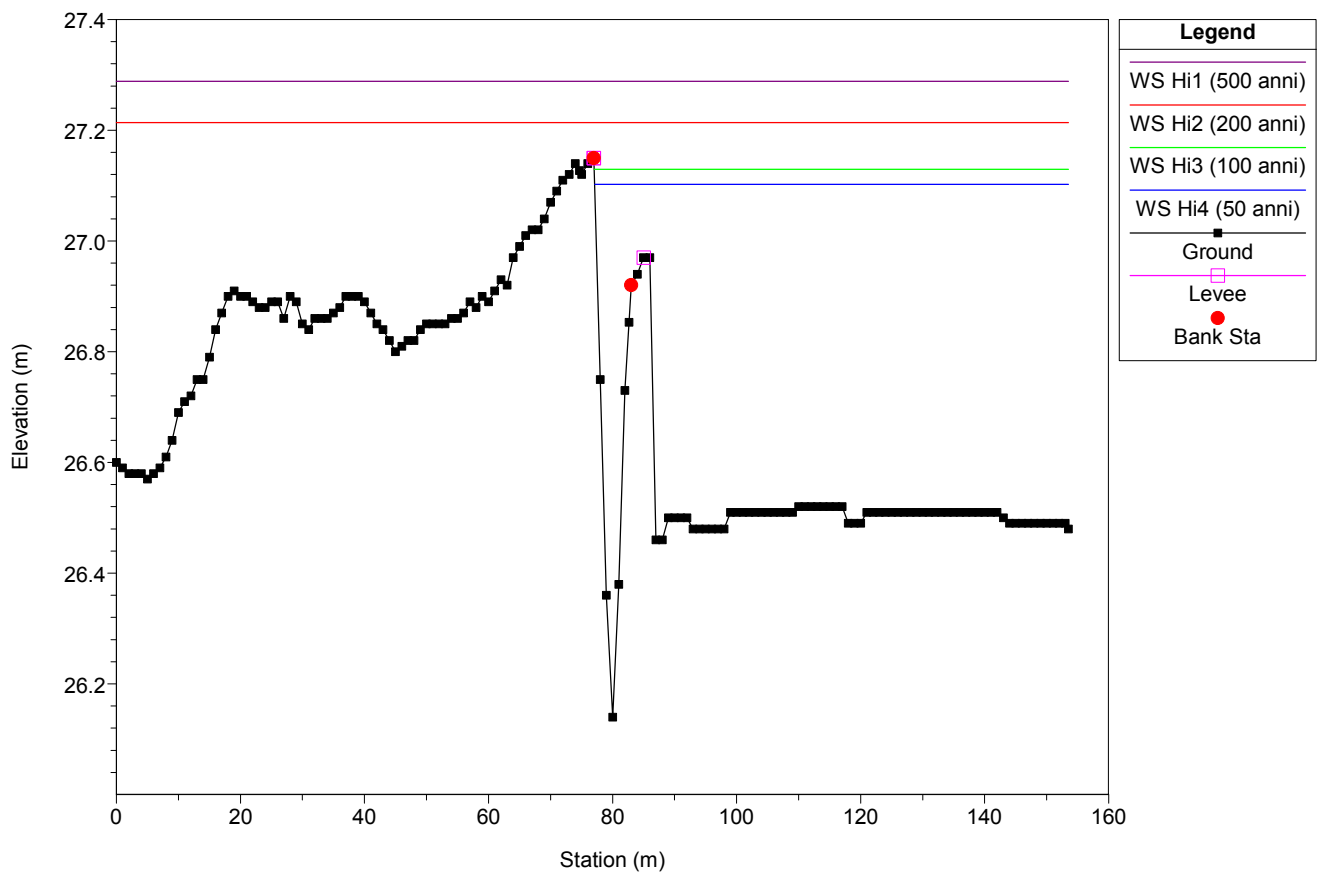
River = PBE Reach = PBE RS = 17.0



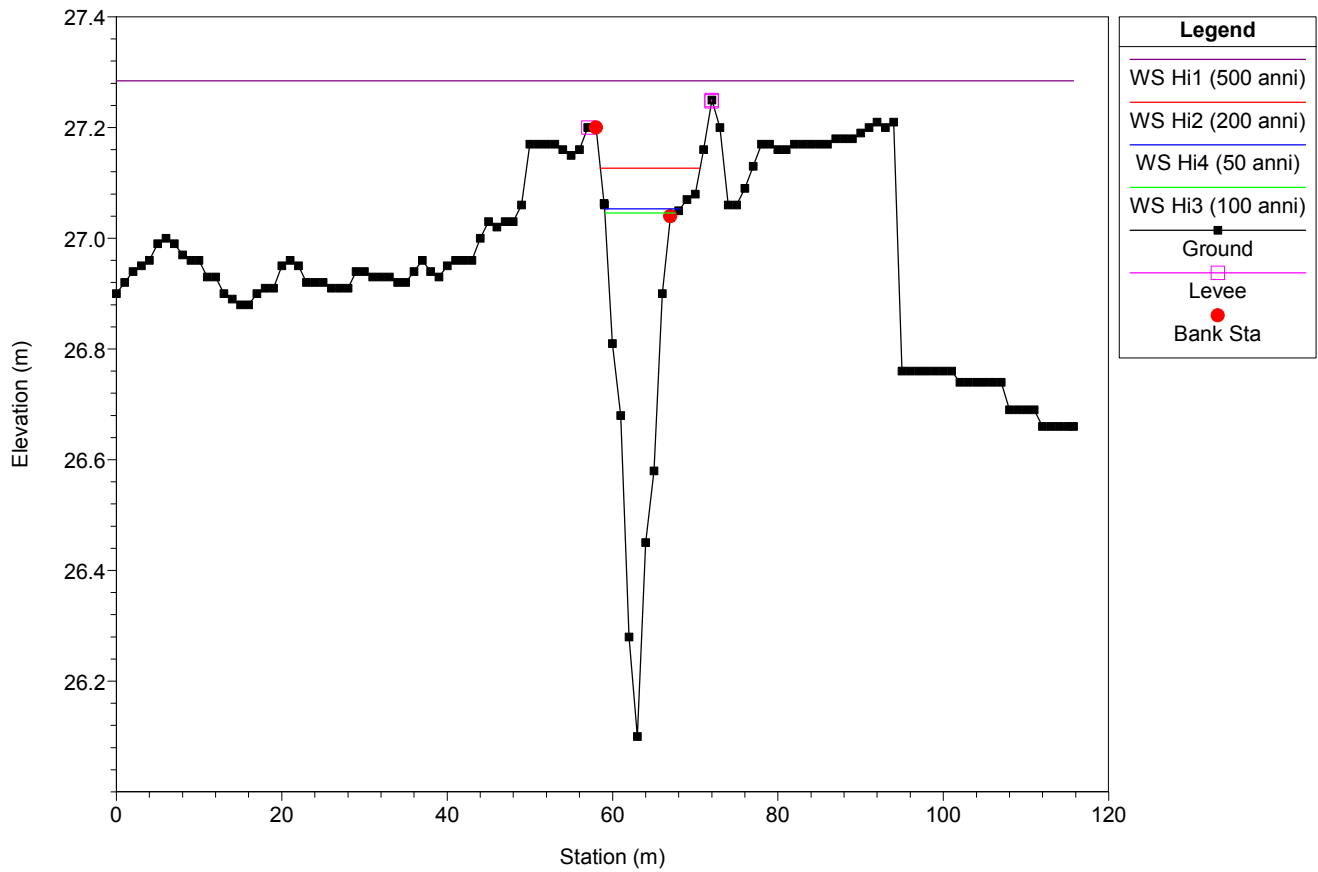
River = PBE Reach = PBE RS = 16.0



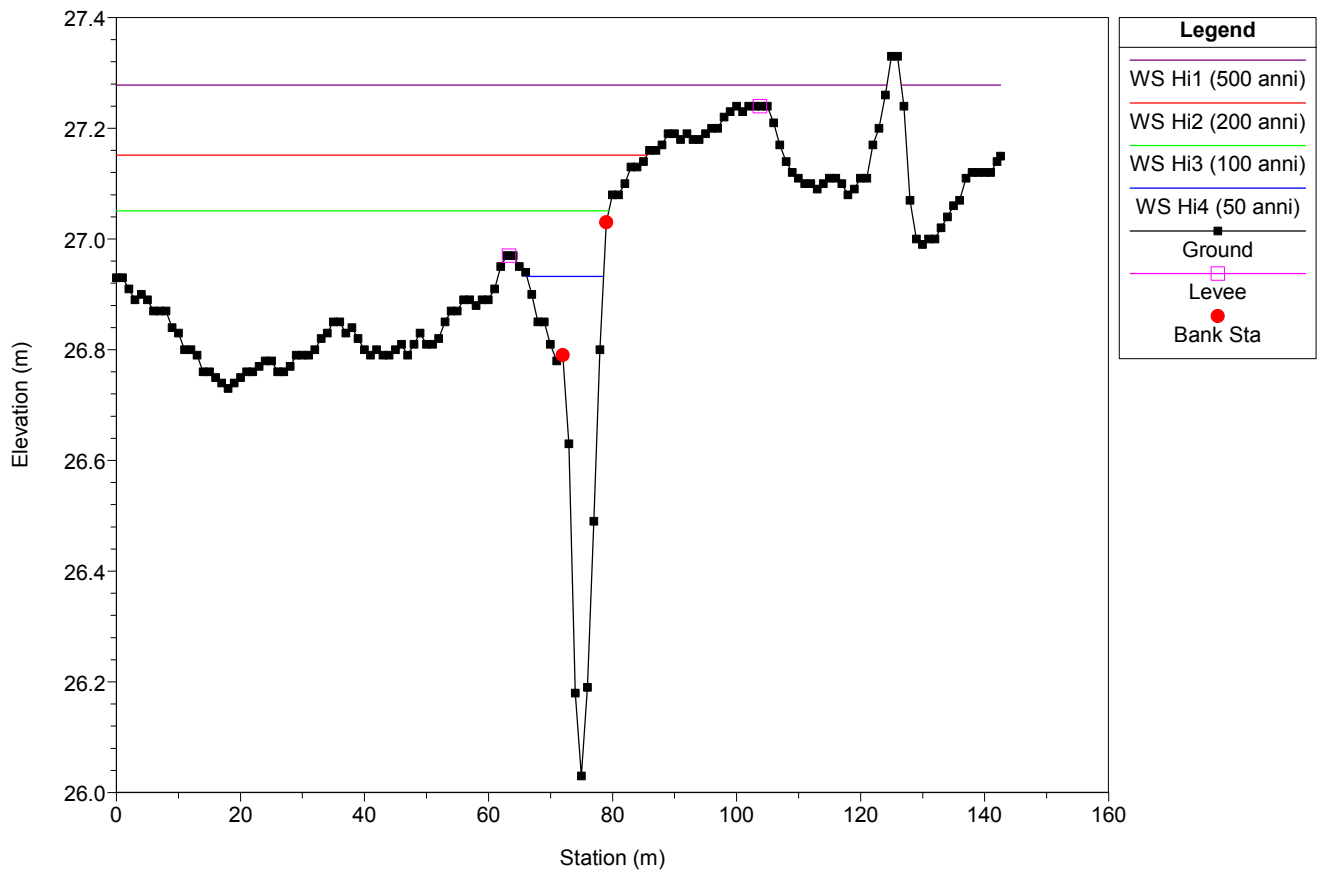
River = PBE Reach = PBE RS = 15.0



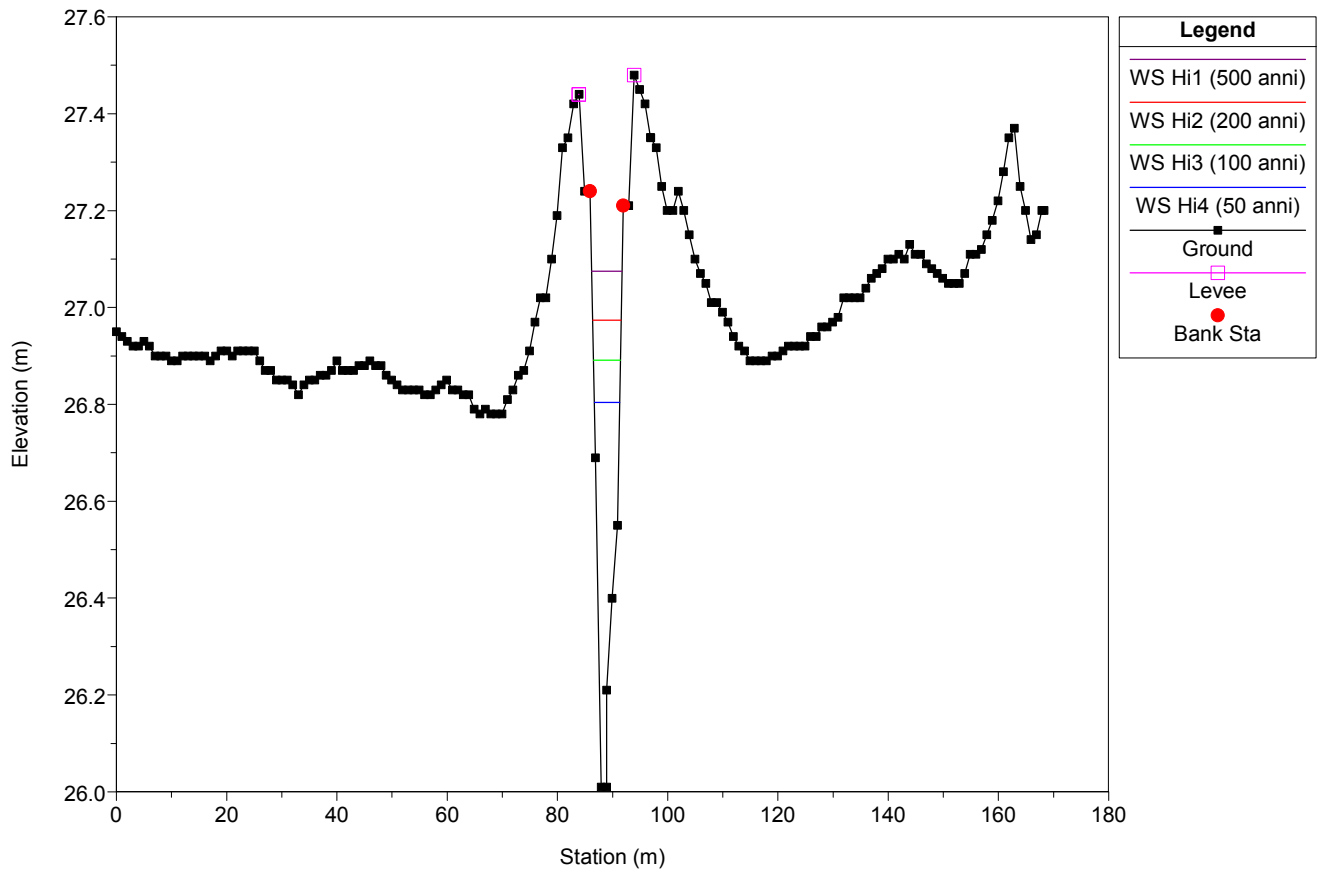
River = PBE Reach = PBE RS = 14.0



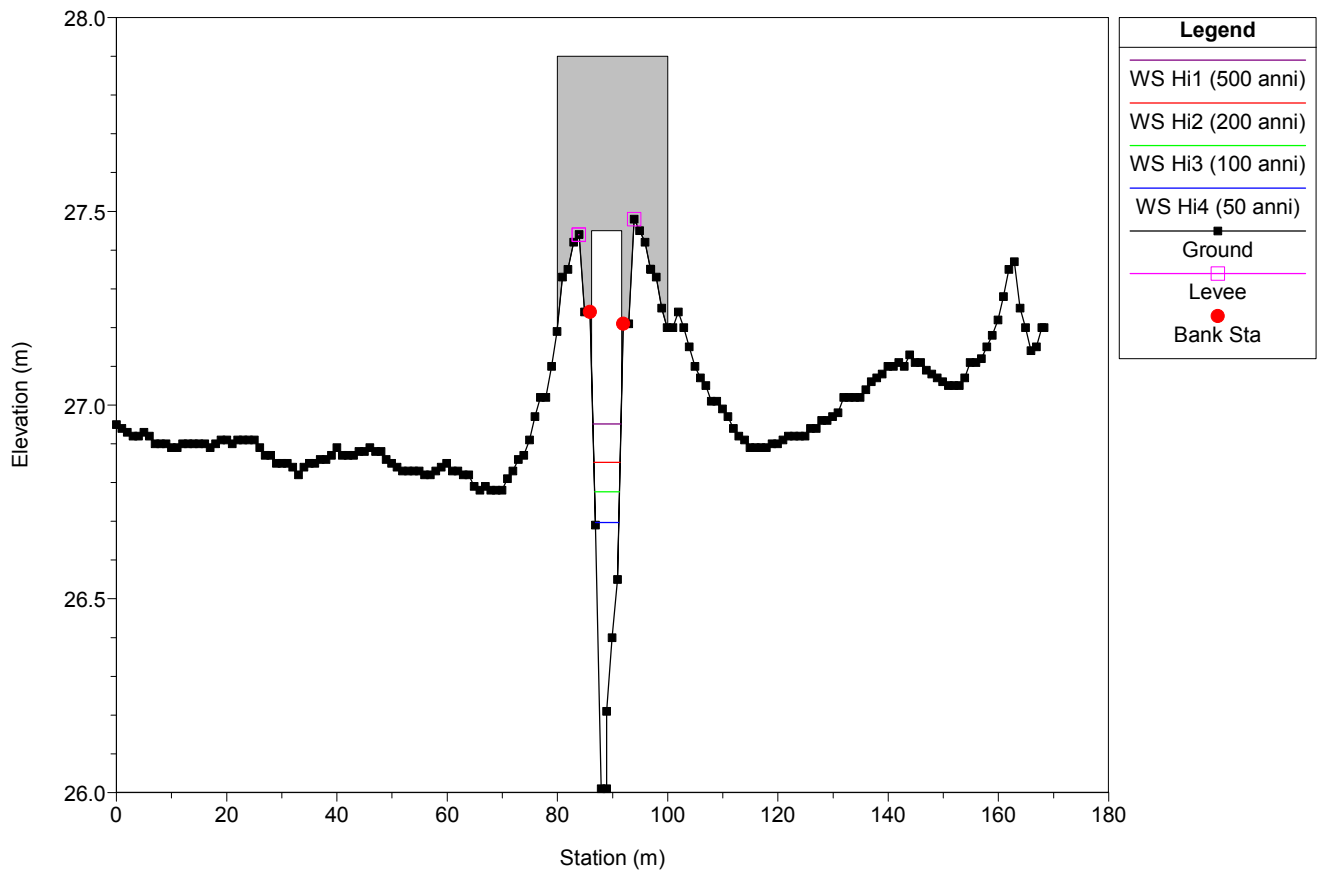
River = PBE Reach = PBE RS = 13.0



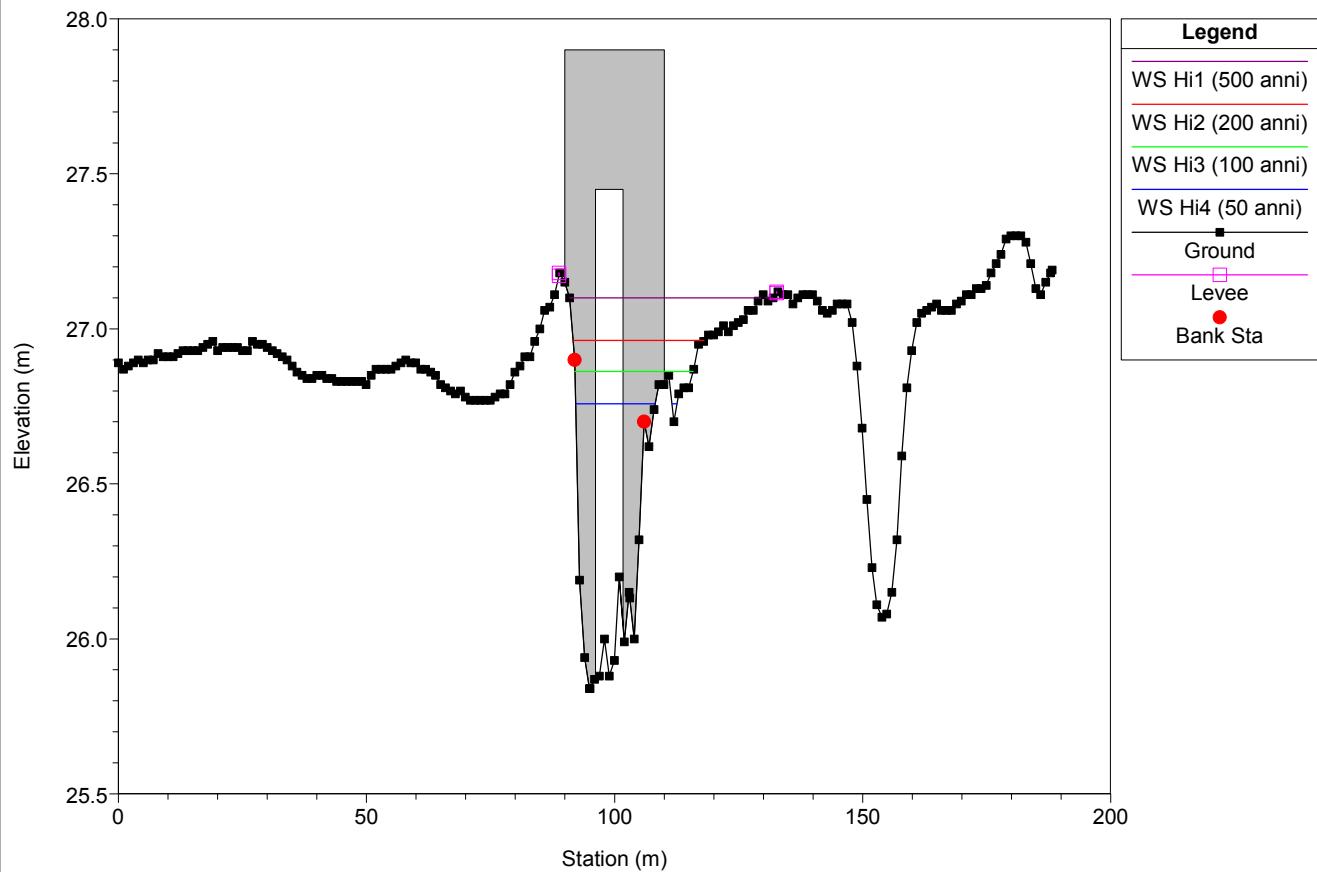
River = PBE Reach = PBE RS = 12.0



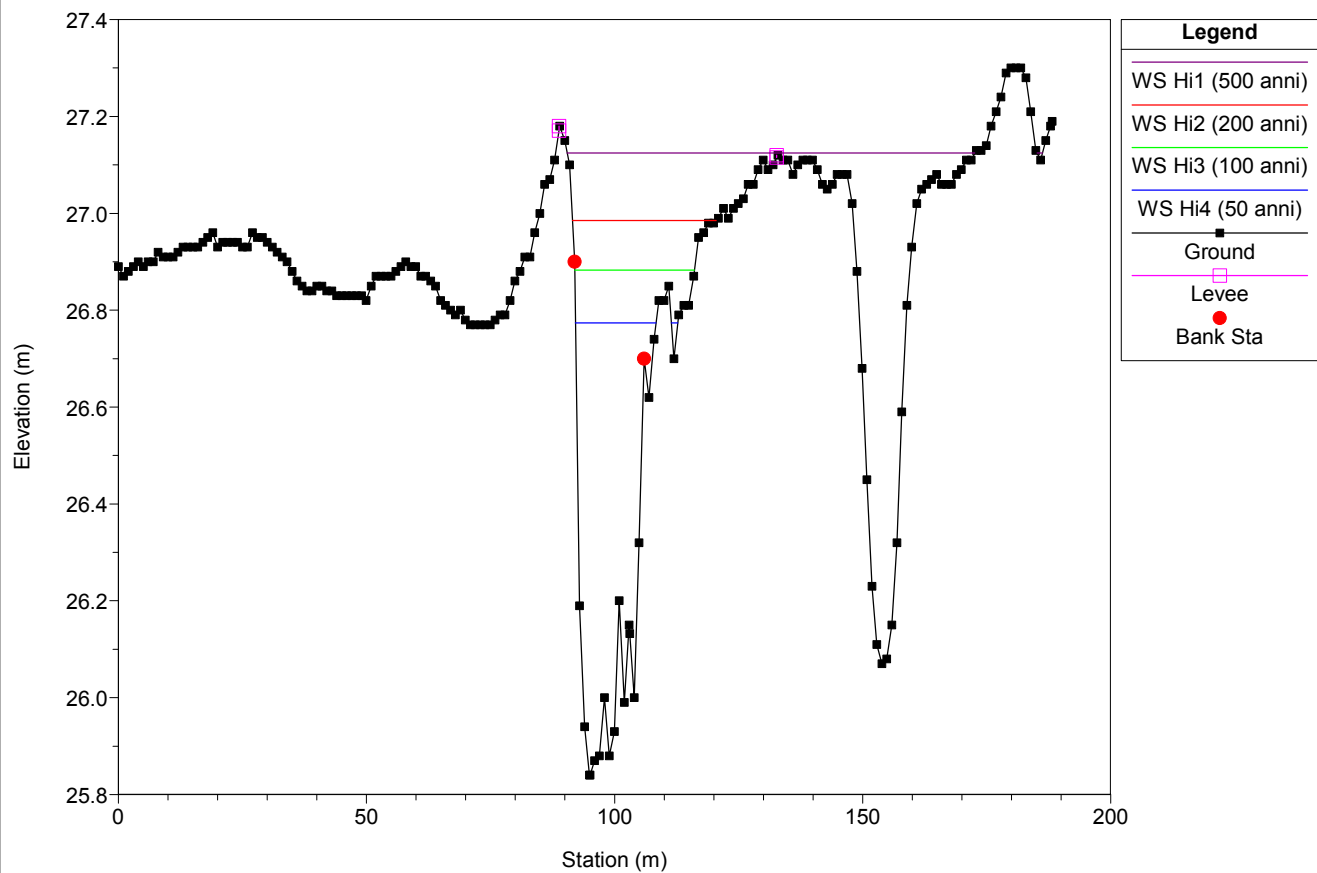
River = PBE Reach = PBE RS = 11.5 BR SC_0038



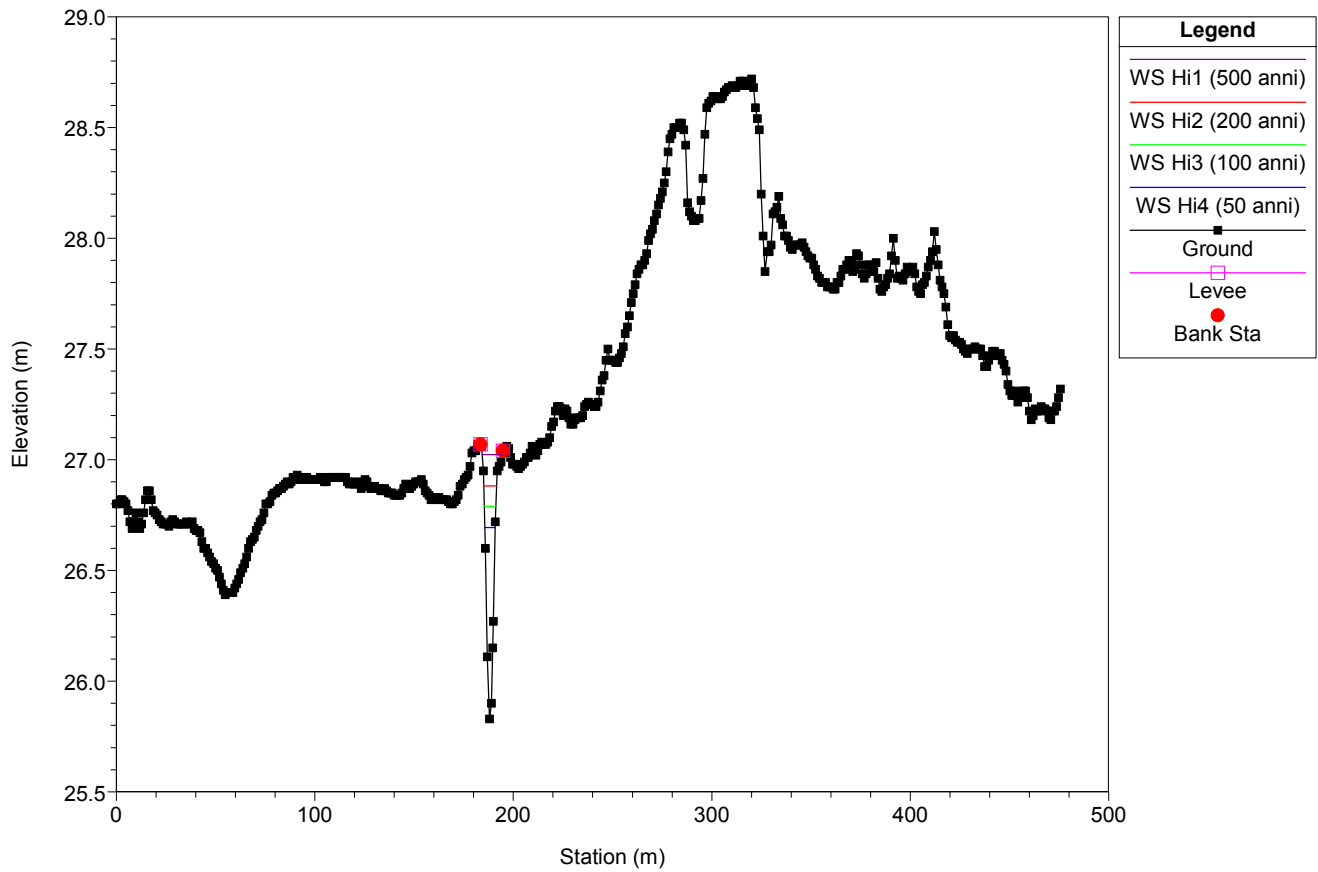
River = PBE Reach = PBE RS = 11.5 BR SC_0038



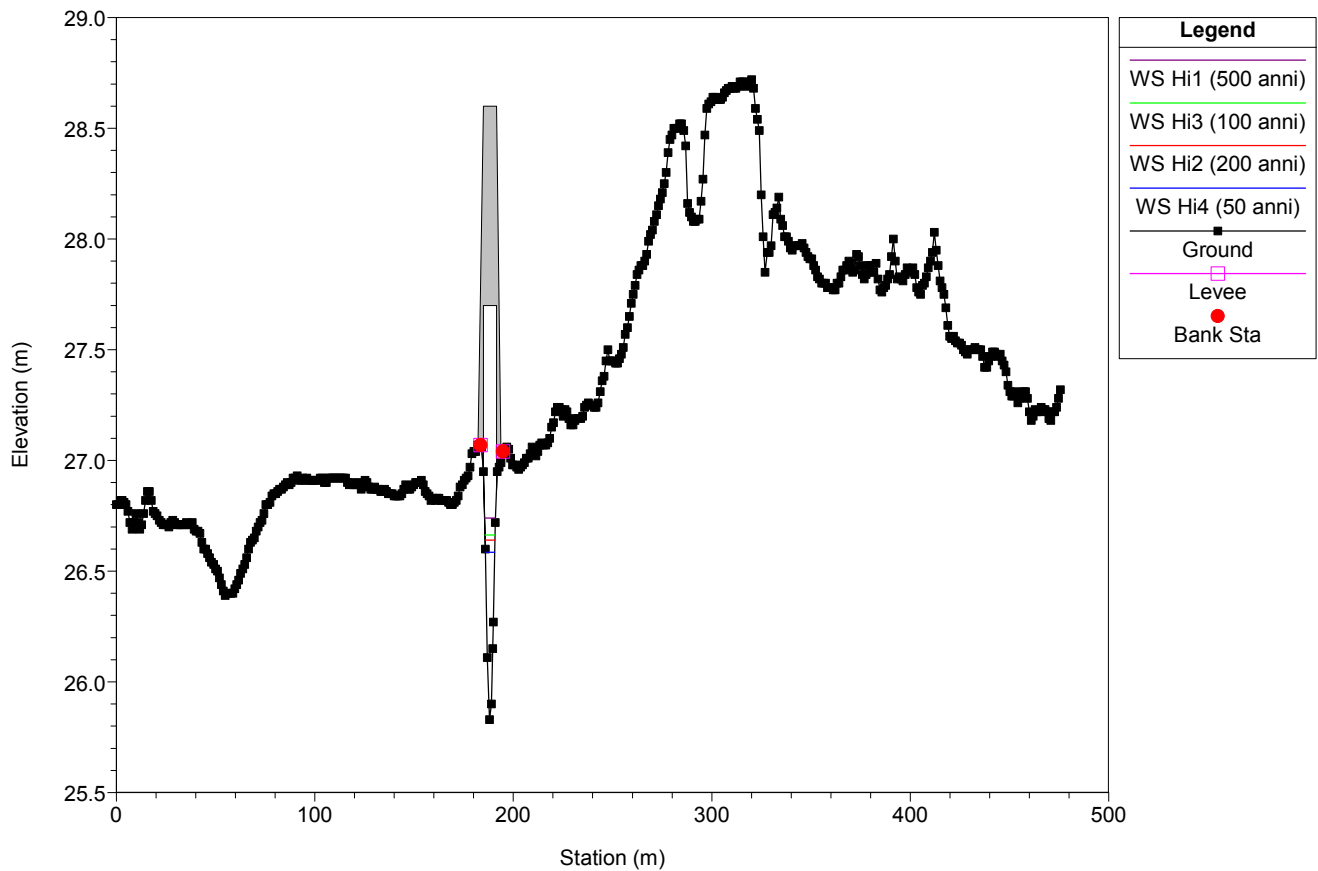
River = PBE Reach = PBE RS = 11.0



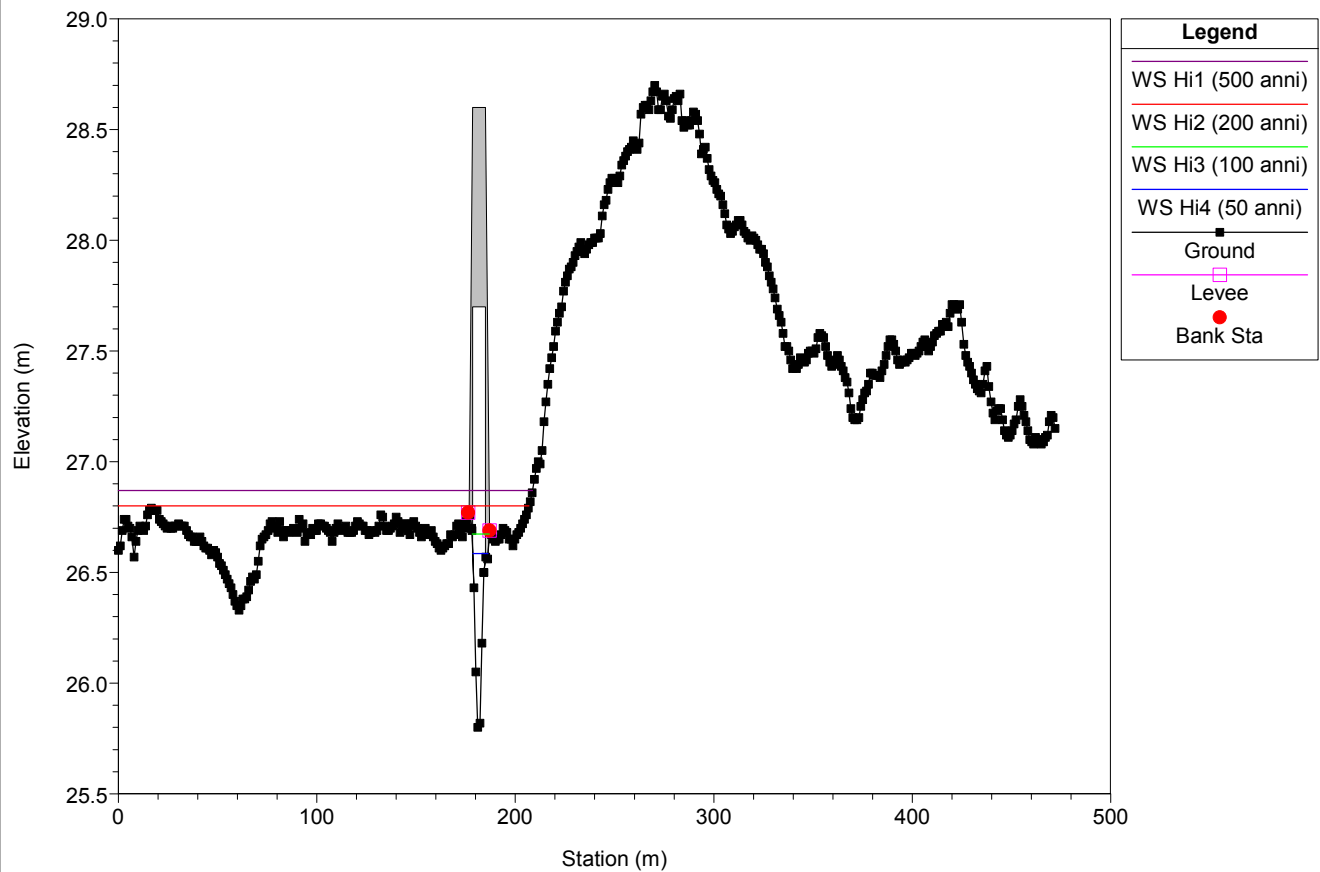
River = PBE Reach = PBE RS = 10



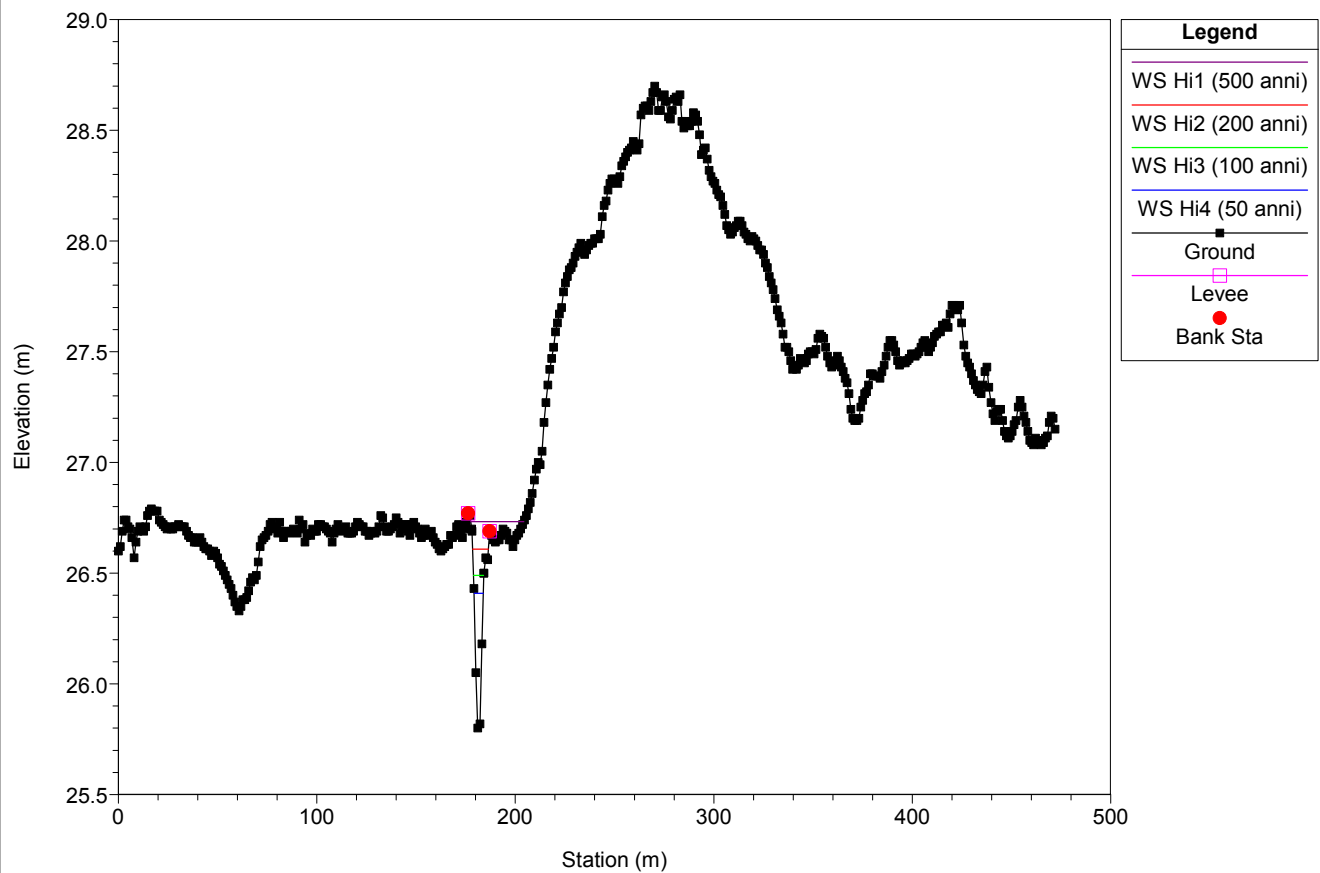
River = PBE Reach = PBE RS = 9.5 BR SP_0024



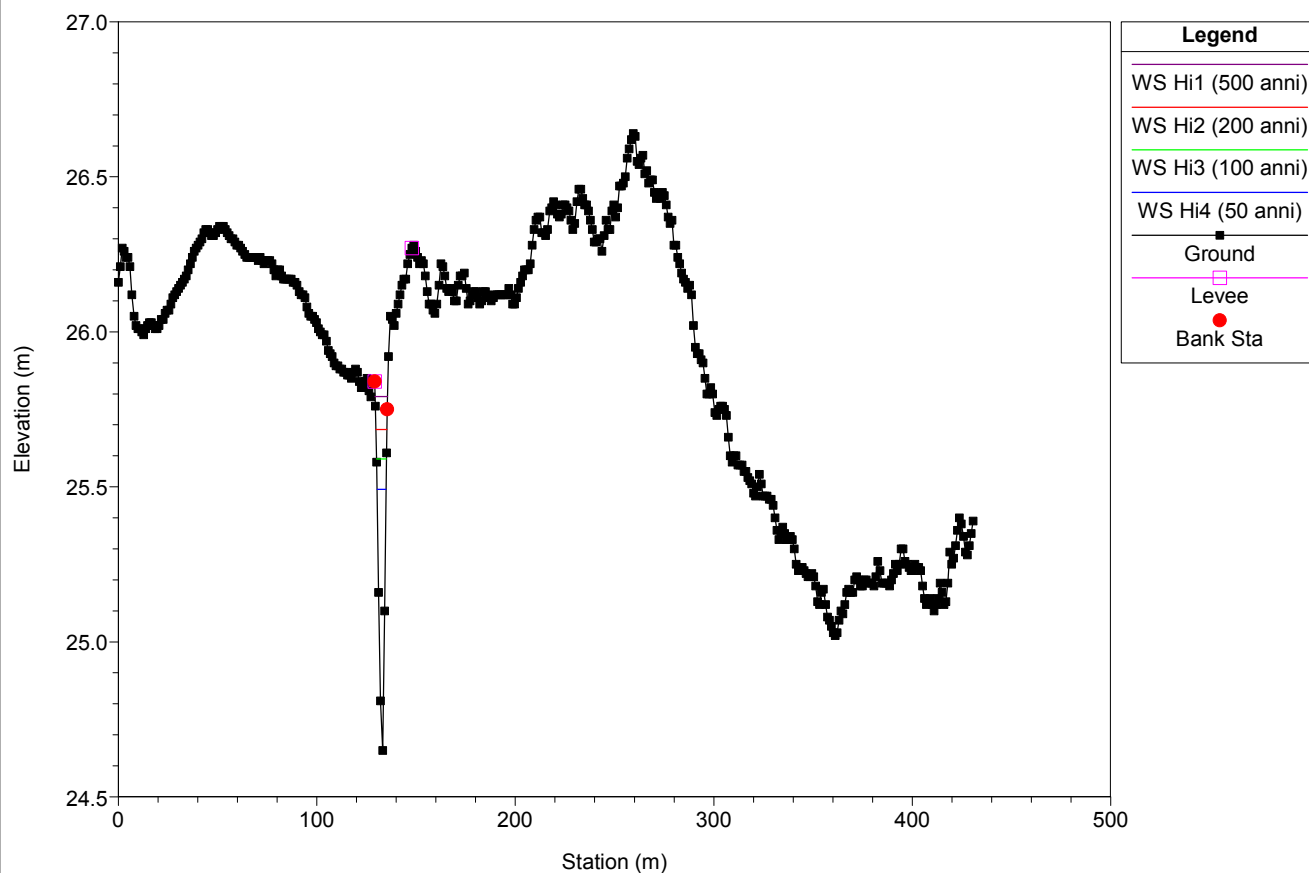
River = PBE Reach = PBE RS = 9.5 BR SP_0024



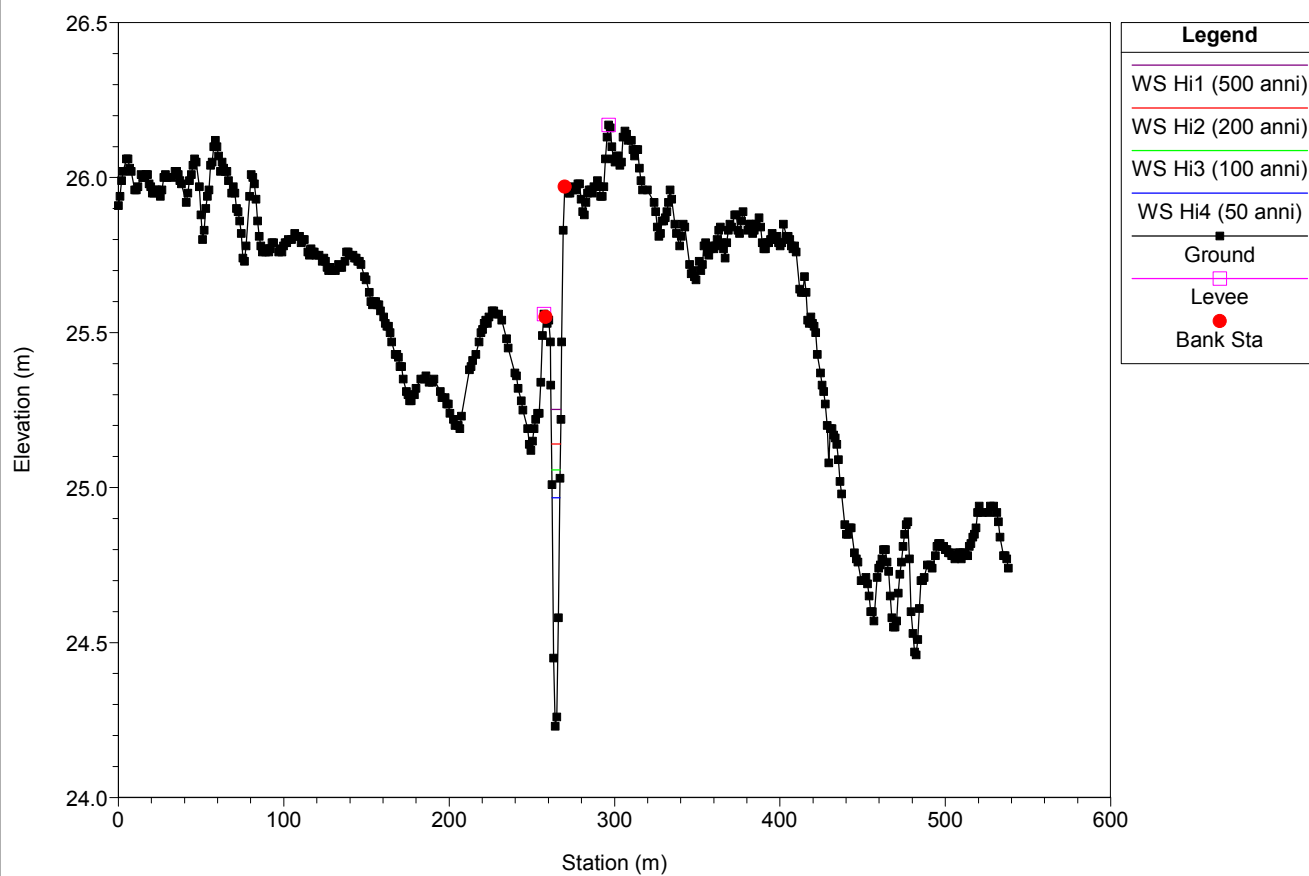
River = PBE Reach = PBE RS = 9



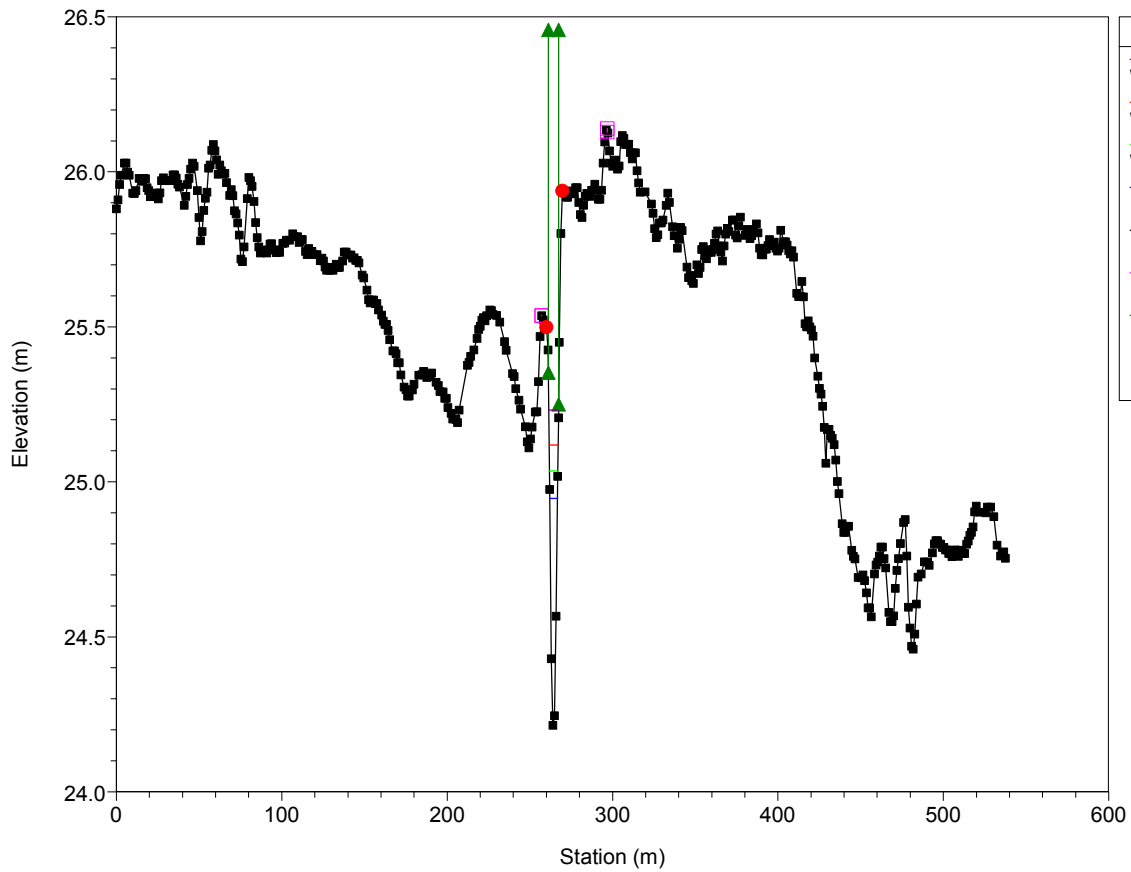
River = PBE Reach = PBE RS = 8



River = PBE Reach = PBE RS = 7

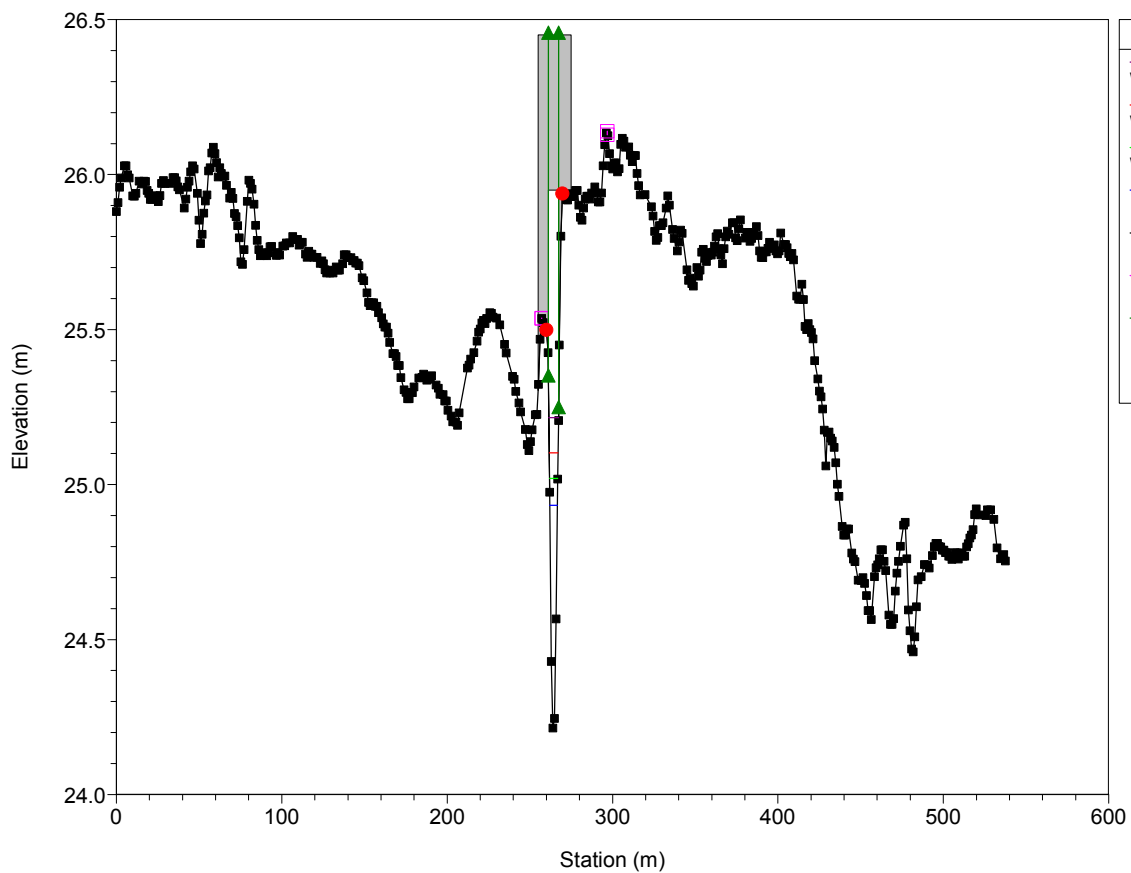


River = PBE Reach = PBE RS = 6.9720



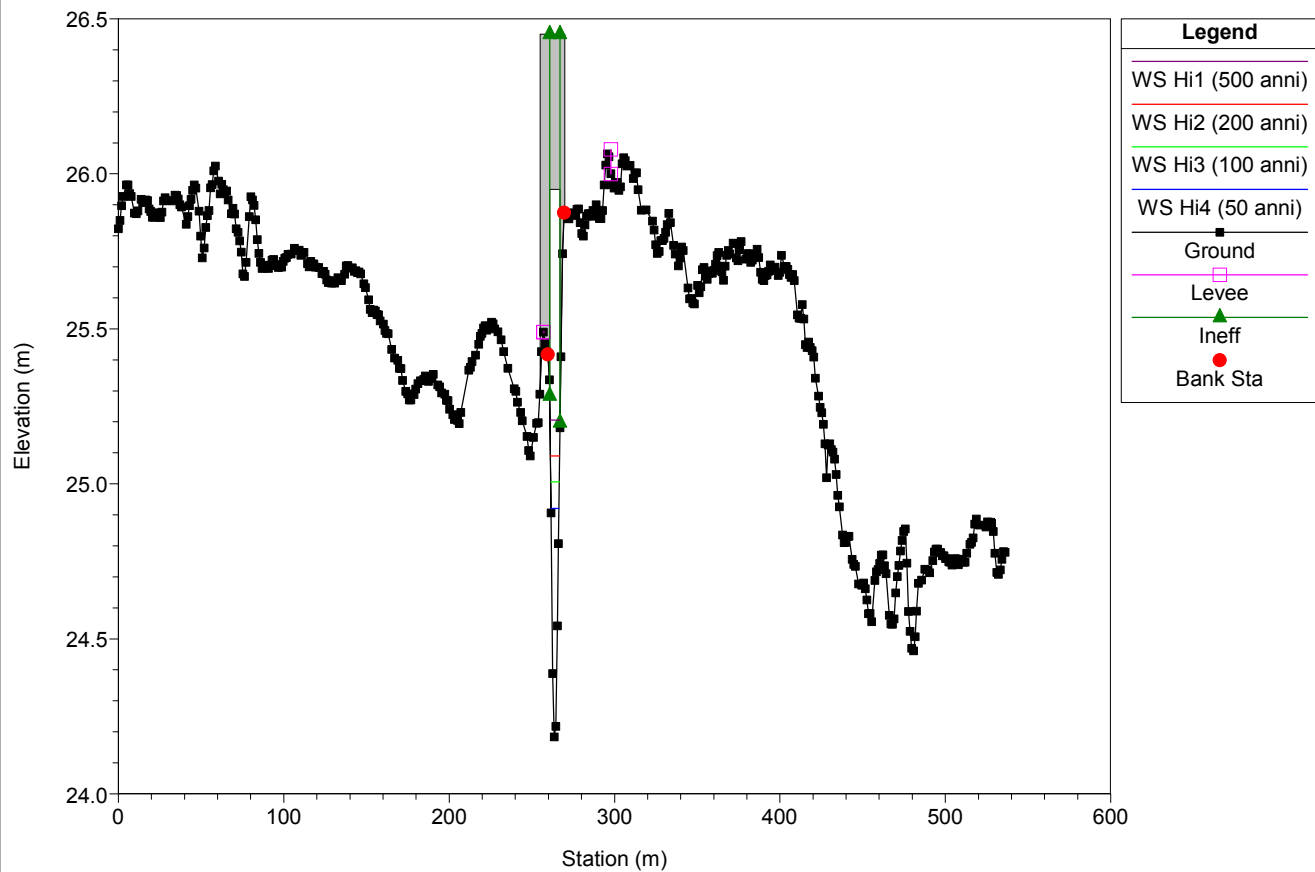
Legend	
WS Hi1 (500 anni)	
WS Hi2 (200 anni)	
WS Hi3 (100 anni)	
WS Hi4 (50 anni)	
Ground	
Levee	
Ineff	
Bank Sta	

River = PBE Reach = PBE RS = 6.95 BR SC_0069

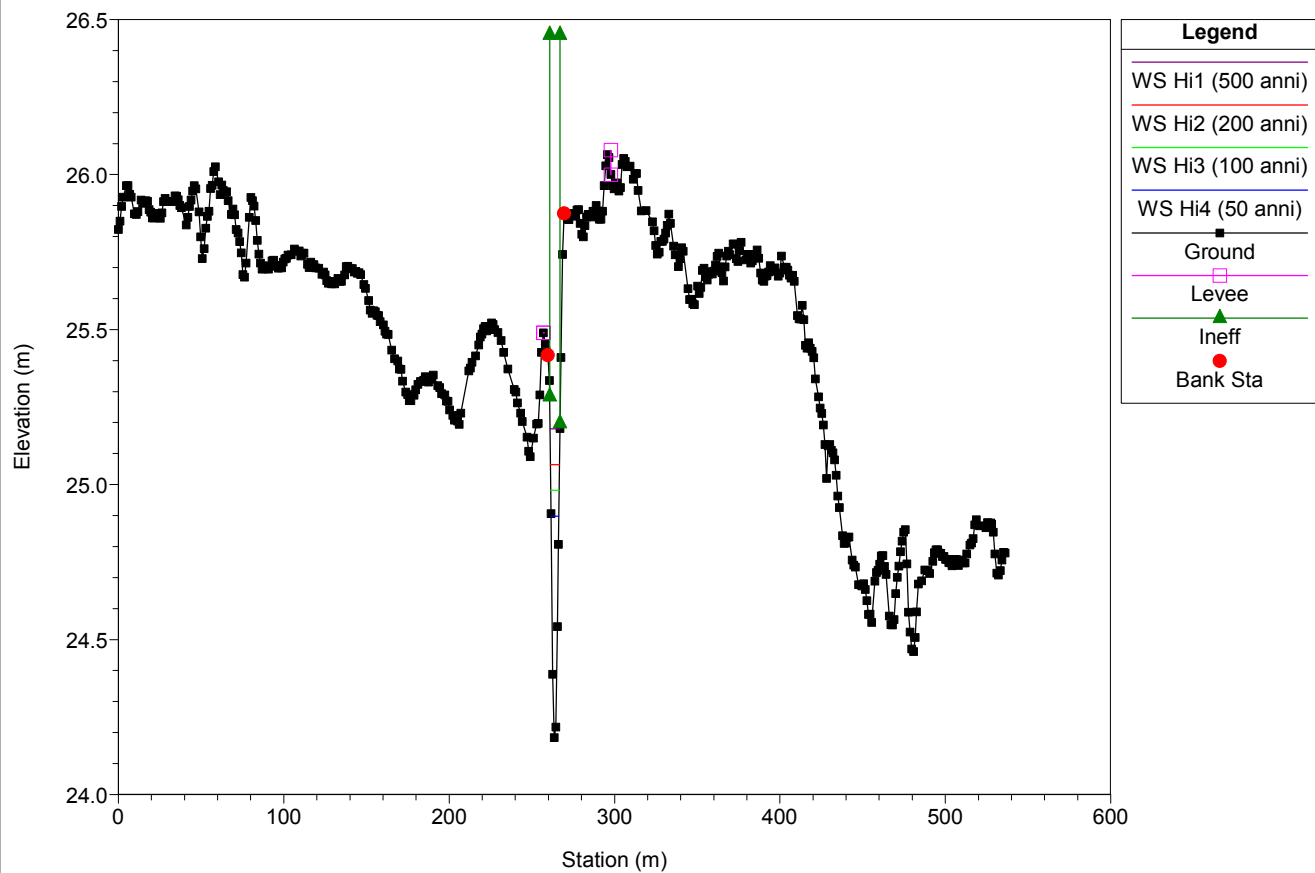


Legend	
WS Hi1 (500 anni)	
WS Hi2 (200 anni)	
WS Hi3 (100 anni)	
WS Hi4 (50 anni)	
Ground	
Levee	
Ineff	
Bank Sta	

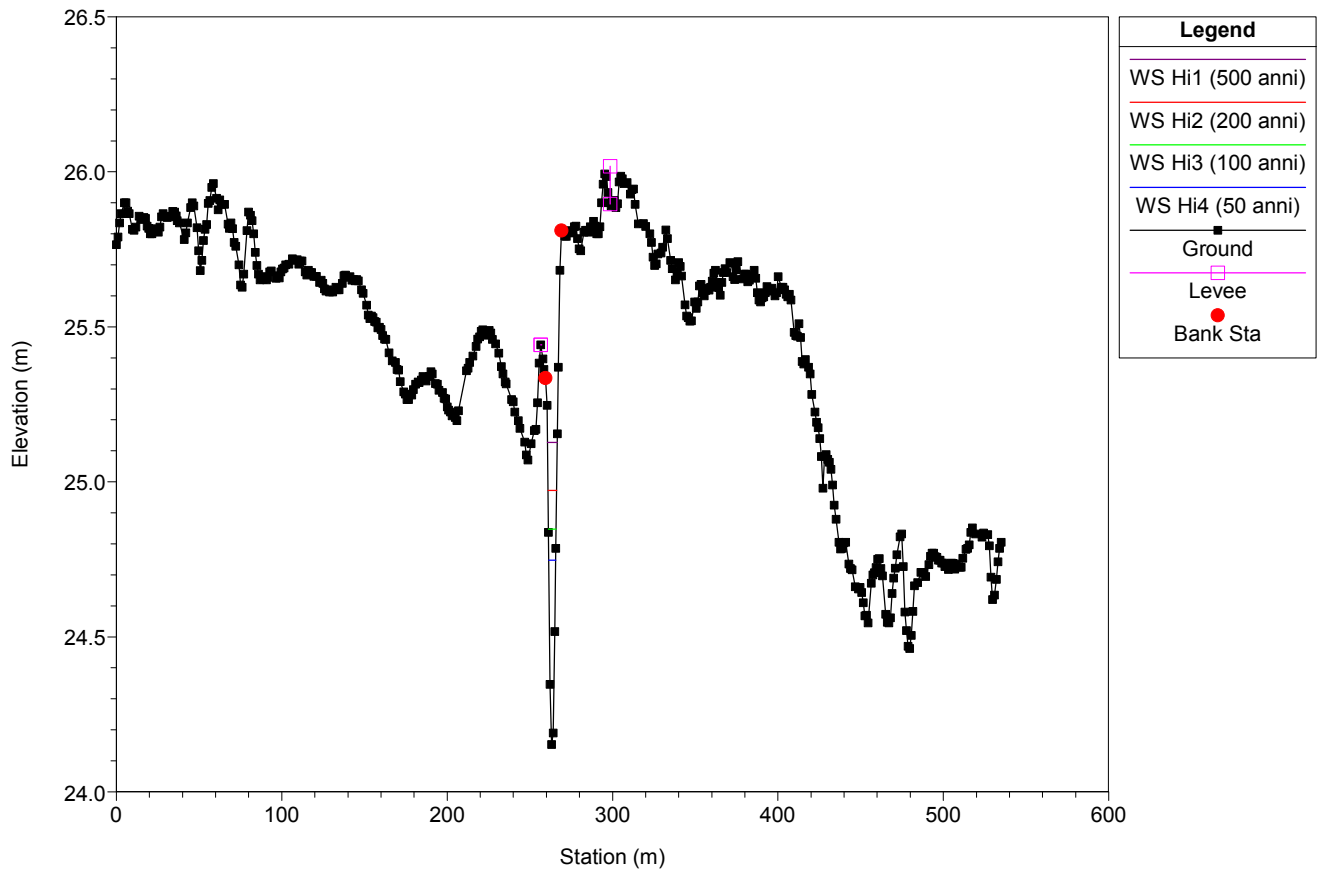
River = PBE Reach = PBE RS = 6.95 BR SC_0069



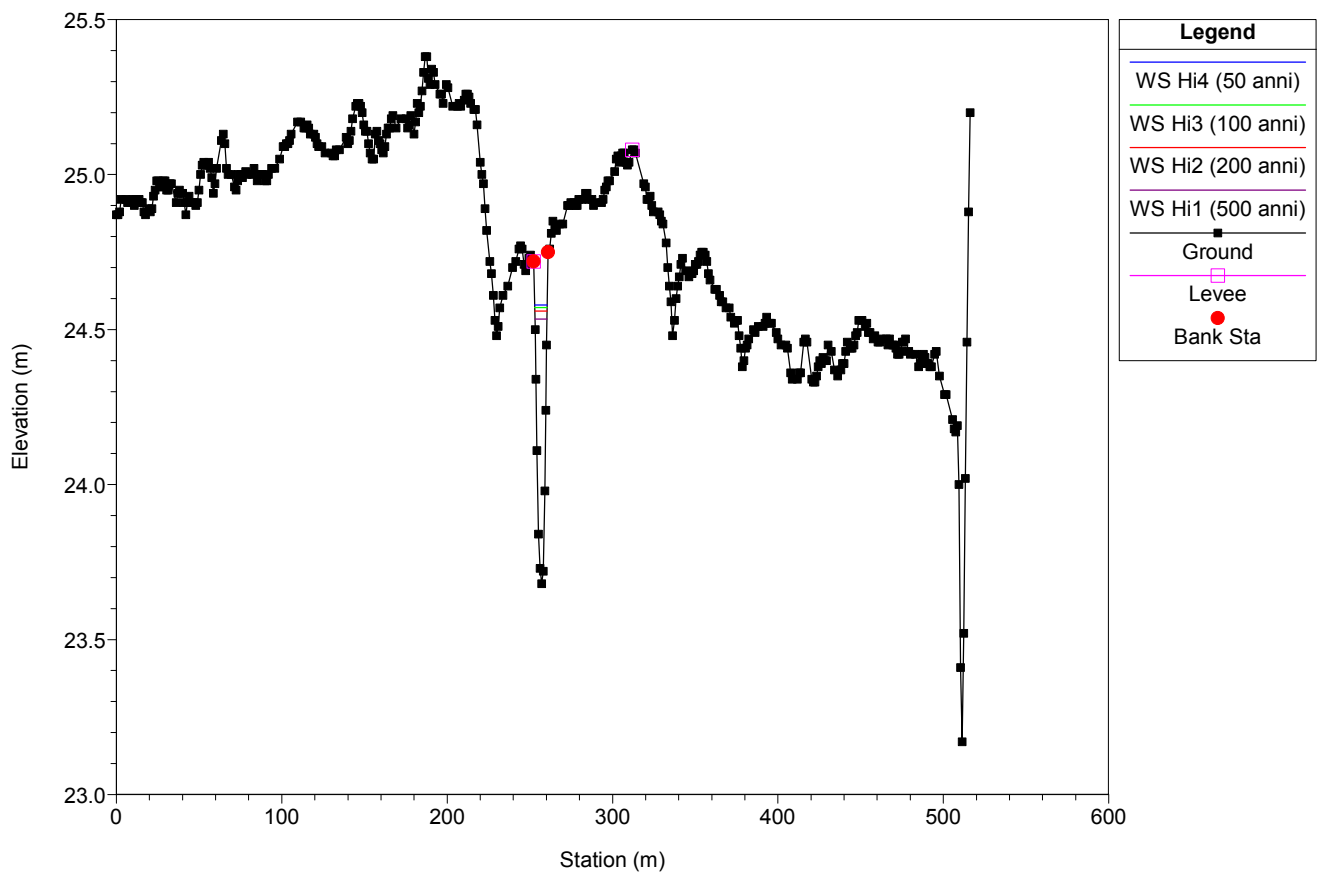
River = PBE Reach = PBE RS = 6.9160



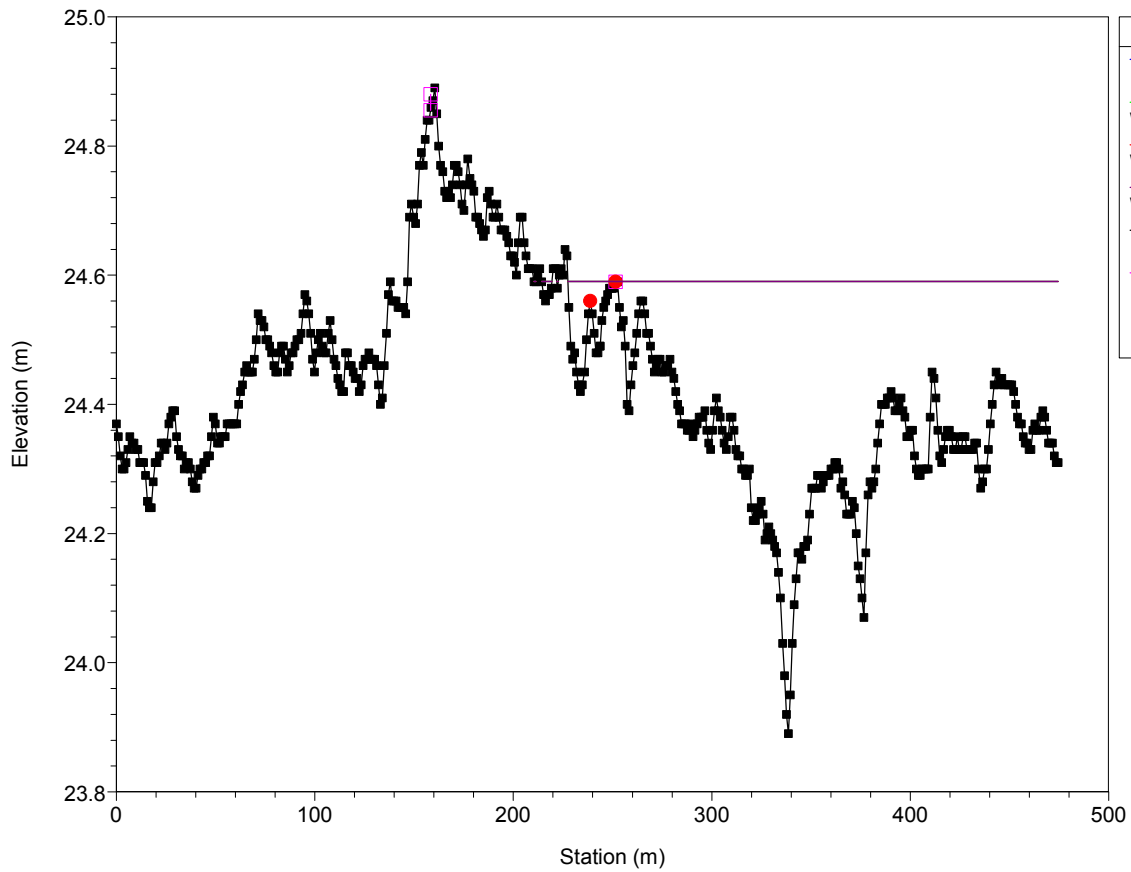
River = PBE Reach = PBE RS = 6.8600



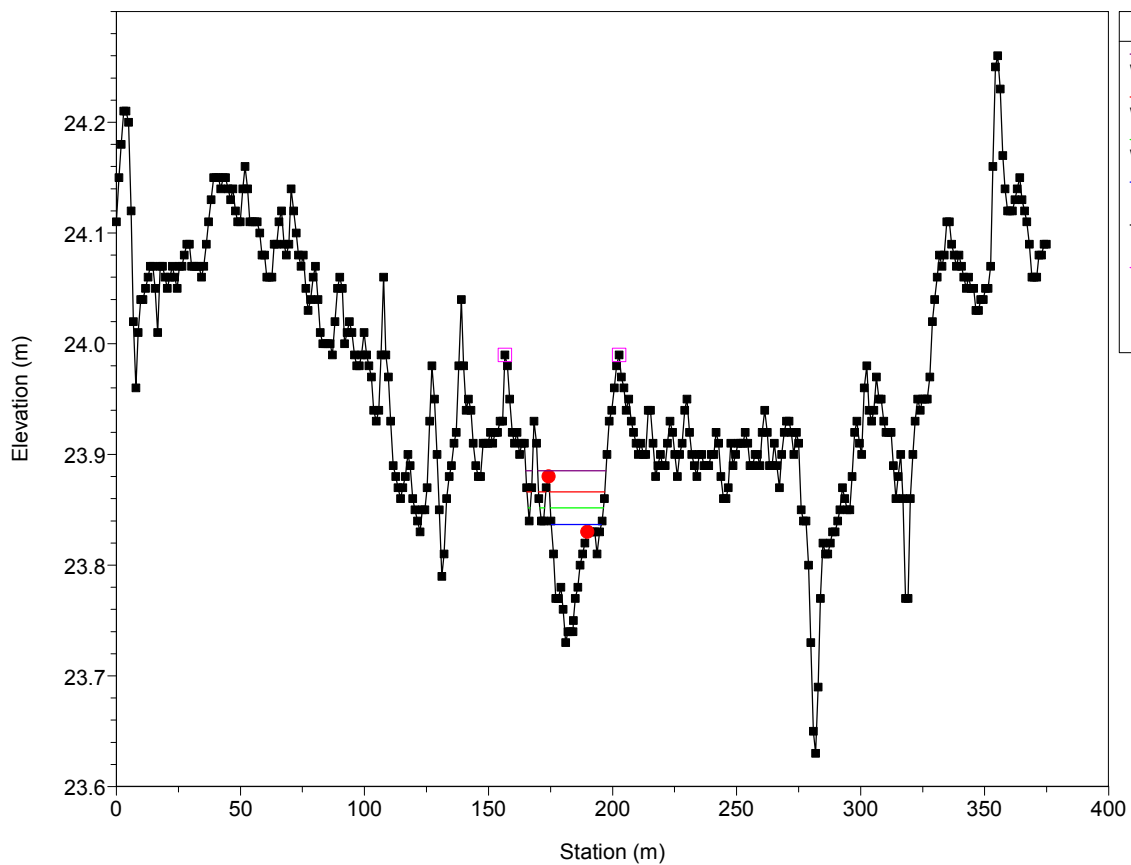
River = PBE Reach = PBE RS = 6



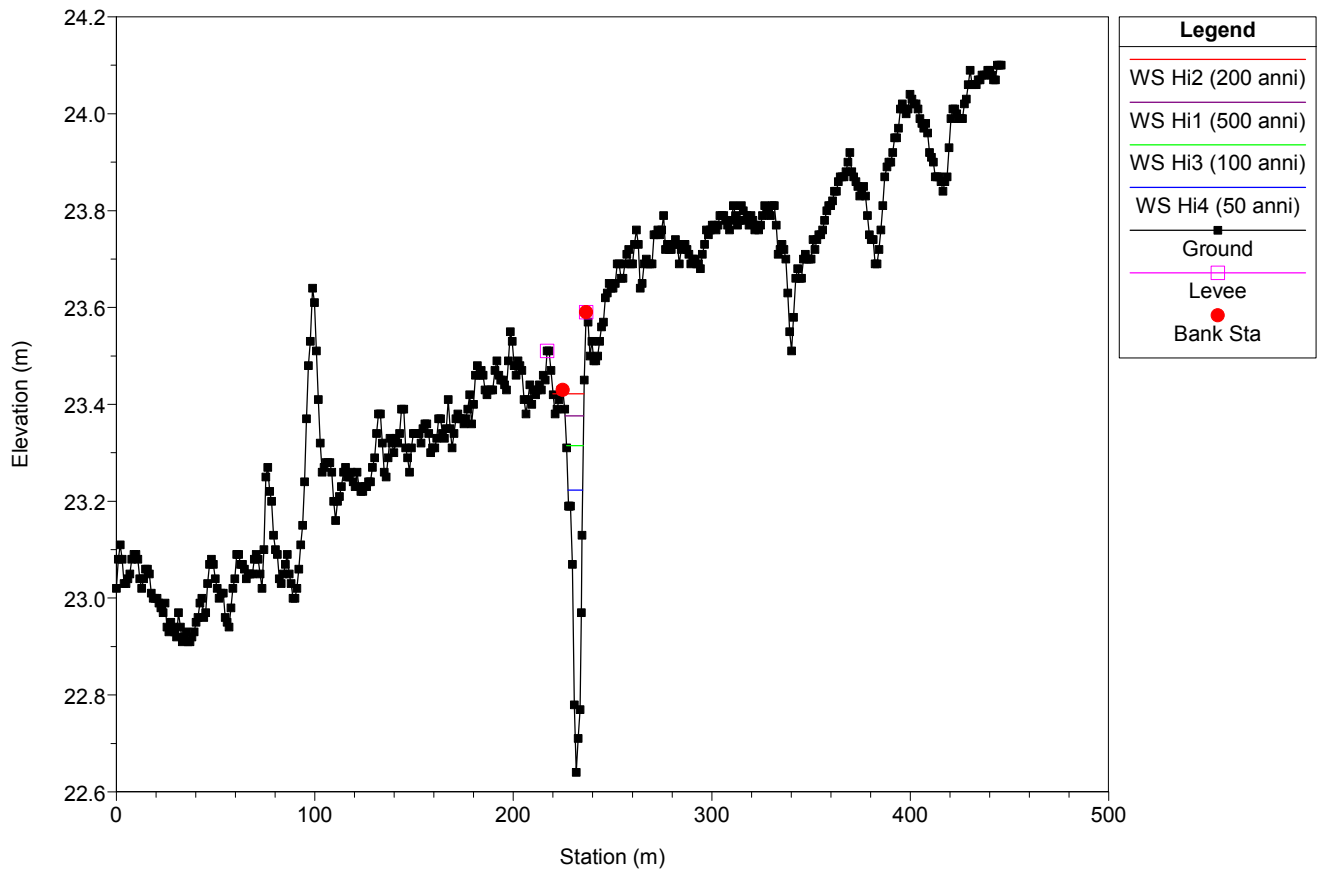
River = PBE Reach = PBE RS = 5



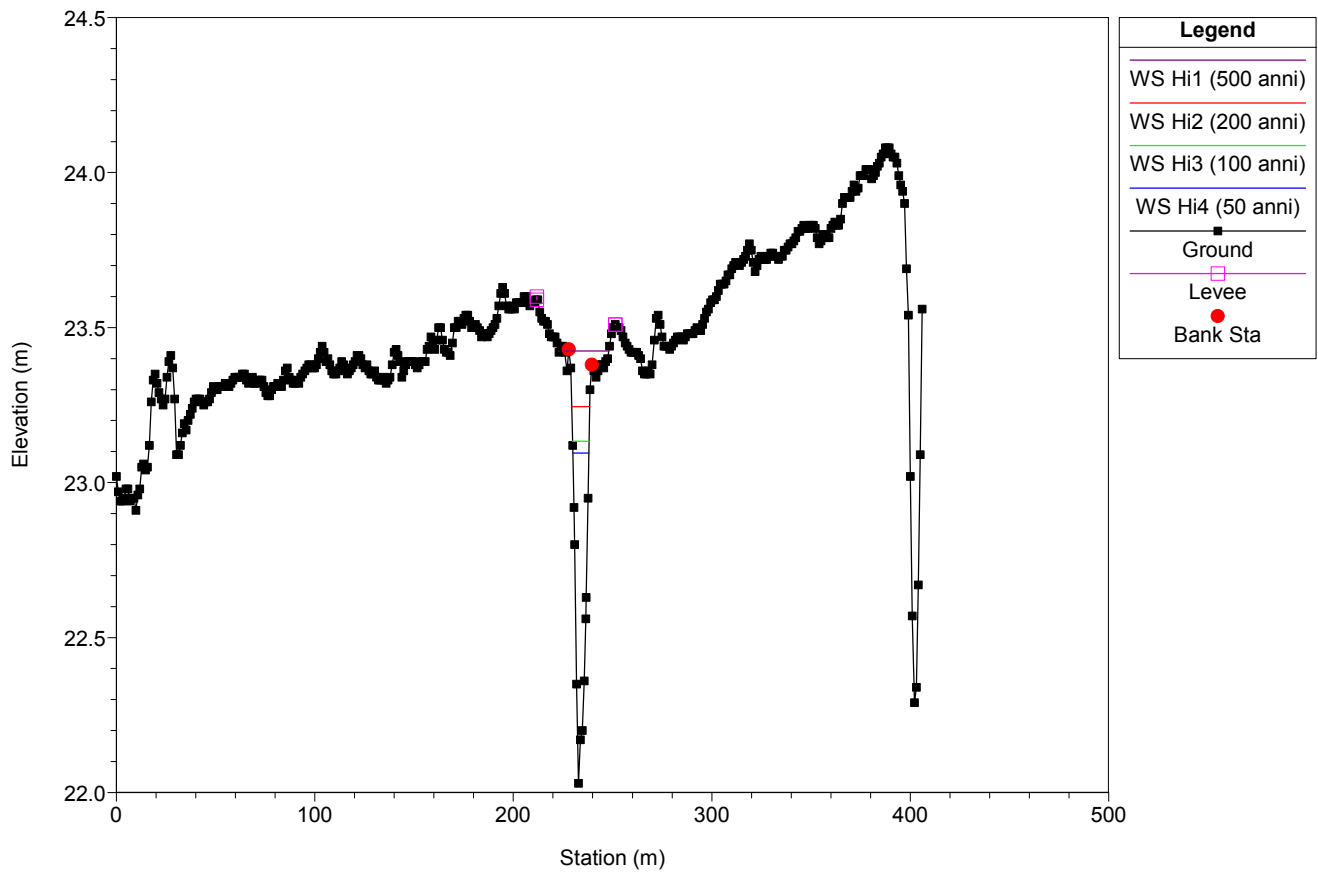
River = PBE Reach = PBE RS = 4



River = PBE Reach = PBE RS = 3



River = PBE Reach = PBE RS = 2



River = PBE Reach = PBE RS = 1

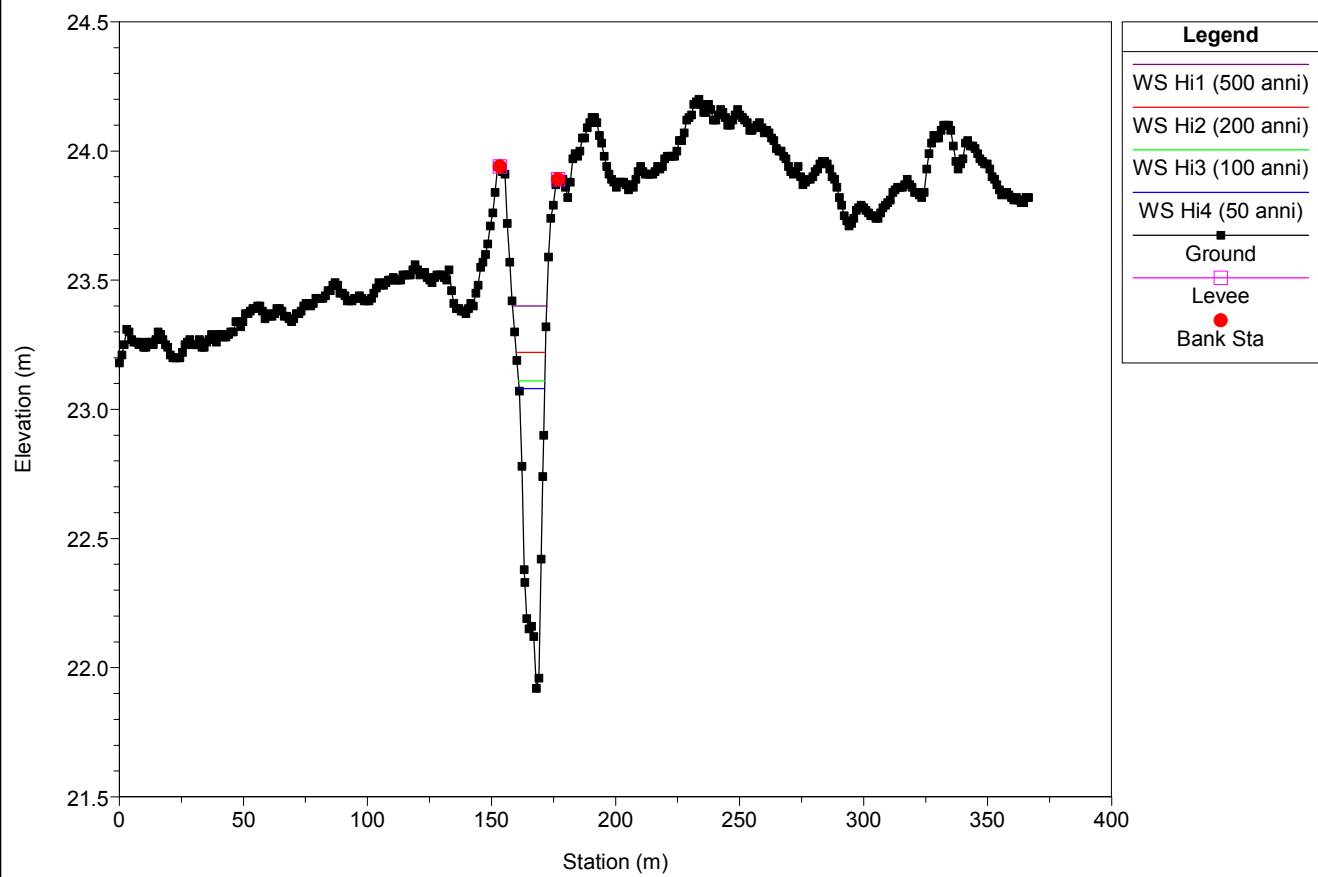


Tabelle con risultati modello idraulico per i tempi di ritorno di 50, 100, 200 e
500 anni

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
PBE	22.0	Hi4 (50 anni)	3.25	27.14	28.30	27.92	28.39	0.003032	1.29	2.52	3.33	0.47
PBE	22.0	Hi3 (100 anni)	4.20	27.14	28.46	28.04	28.55	0.003047	1.38	3.05	3.64	0.48
PBE	22.0	Hi2 (200 anni)	5.21	27.14	28.60	28.14	28.70	0.003061	1.45	3.58	3.92	0.49
PBE	22.0	Hi1 (500 anni)	6.62	27.14	28.58	28.28	28.76	0.005145	1.87	3.53	3.89	0.63
PBE	21.0	Hi4 (50 anni)	3.25	26.86	28.02	27.65	28.11	0.003127	1.30	2.50	3.31	0.48
PBE	21.0	Hi3 (100 anni)	4.20	26.86	28.17	27.76	28.27	0.003164	1.39	3.01	3.61	0.49
PBE	21.0	Hi2 (200 anni)	5.21	26.86	28.31	27.87	28.42	0.003198	1.48	3.53	3.89	0.50
PBE	21.0	Hi1 (500 anni)	6.62	26.86	28.49	28.01	28.52	0.001139	0.95	12.84	55.74	0.30
PBE	20.0	Hi4 (50 anni)	3.25	26.69	27.83	27.48	27.92	0.003318	1.33	2.44	3.28	0.49
PBE	20.0	Hi3 (100 anni)	4.20	26.69	27.98	27.59	28.08	0.003381	1.43	2.94	3.57	0.50
PBE	20.0	Hi2 (200 anni)	5.21	26.69	28.11	27.70	28.23	0.003437	1.52	3.43	3.84	0.51
PBE	20.0	Hi1 (500 anni)	6.62	26.69	28.27	27.84	28.41	0.003503	1.62	4.08	4.16	0.52
PBE	19.0	Hi4 (50 anni)	3.25	26.51	27.59	27.30	27.70	0.004143	1.45	2.25	3.16	0.55
PBE	19.0	Hi3 (100 anni)	4.20	26.51	27.73	27.41	27.85	0.004250	1.56	2.70	3.43	0.56
PBE	19.0	Hi2 (200 anni)	5.21	26.51	27.85	27.52	27.99	0.004339	1.66	3.14	3.68	0.57
PBE	19.0	Hi1 (500 anni)	6.62	26.51	28.00	27.65	28.16	0.004449	1.78	3.73	3.99	0.59
PBE	18.0	Hi4 (50 anni)	3.25	26.47	27.53	27.26	27.65	0.004502	1.49	2.18	3.12	0.57
PBE	18.0	Hi3 (100 anni)	4.20	26.47	27.67	27.38	27.80	0.004629	1.61	2.61	3.38	0.58
PBE	18.0	Hi2 (200 anni)	5.21	26.47	27.79	27.48	27.94	0.004724	1.71	3.05	3.63	0.60
PBE	18.0	Hi1 (500 anni)	6.62	26.47	27.94	27.62	28.11	0.004843	1.83	3.61	3.93	0.61
PBE	17.5		Bridge									
PBE	17.0	Hi4 (50 anni)	3.25	26.44	27.46	27.22	27.58	0.005217	1.58	2.06	3.04	0.61
PBE	17.0	Hi3 (100 anni)	4.20	26.44	27.59	27.34	27.73	0.005347	1.70	2.47	3.30	0.63
PBE	17.0	Hi2 (200 anni)	5.21	26.44	27.71	27.45	27.87	0.005449	1.80	2.89	3.54	0.64
PBE	17.0	Hi1 (500 anni)	6.62	26.44	27.85	27.58	28.04	0.005583	1.93	3.42	3.83	0.65
PBE	16.0	Hi4 (50 anni)	3.25	26.39	27.18	27.18	27.45	0.014797	2.33	1.40	2.57	1.01
PBE	16.0	Hi3 (100 anni)	4.20	26.39	27.29	27.29	27.60	0.014475	2.46	1.70	2.80	1.01
PBE	16.0	Hi2 (200 anni)	5.21	26.39	27.40	27.40	27.74	0.014202	2.58	2.02	3.01	1.01
PBE	16.0	Hi1 (500 anni)	6.62	26.39	27.54	27.54	27.91	0.013656	2.70	2.45	3.29	1.00
PBE	15.0	Hi4 (50 anni)	3.25	26.14	27.10	26.83	27.10	0.000014	0.10	43.92	76.37	0.04
PBE	15.0	Hi3 (100 anni)	4.20	26.14	27.13	26.91	27.13	0.000019	0.12	46.01	76.44	0.05
PBE	15.0	Hi2 (200 anni)	5.21	26.14	27.21	26.97	27.21	0.000011	0.10	79.68	153.49	0.04
PBE	15.0	Hi1 (500 anni)	6.62	26.14	27.29	26.97	27.29	0.000012	0.11	91.13	153.49	0.04
PBE	14.0	Hi4 (50 anni)	3.25	26.10	27.05	26.79	27.10	0.001568	0.91	3.59	9.14	0.43
PBE	14.0	Hi3 (100 anni)	4.20	26.10	27.05	26.86	27.12	0.002756	1.19	3.52	8.52	0.57
PBE	14.0	Hi2 (200 anni)	5.21	26.10	27.13	26.93	27.20	0.002549	1.23	4.39	12.06	0.56
PBE	14.0	Hi1 (500 anni)	6.62	26.10	27.28	27.01	27.29	0.000125	0.32	38.86	115.76	0.13
PBE	13.0	Hi4 (50 anni)	3.25	26.03	26.93	26.66	26.98	0.001451	0.94	3.86	12.39	0.42
PBE	13.0	Hi3 (100 anni)	4.20	26.03	27.05	26.74	27.06	0.000228	0.41	19.99	79.39	0.17
PBE	13.0	Hi2 (200 anni)	5.21	26.03	27.15	26.82	27.15	0.000130	0.35	28.25	85.54	0.13
PBE	13.0	Hi1 (500 anni)	6.62	26.03	27.28	26.93	27.28	0.000068	0.28	46.55	140.21	0.10
PBE	12.0	Hi4 (50 anni)	3.25	26.01	26.80	26.70	26.92	0.004642	1.52	2.14	4.59	0.71
PBE	12.0	Hi3 (100 anni)	4.20	26.01	26.89	26.78	27.03	0.004693	1.65	2.55	4.88	0.73
PBE	12.0	Hi2 (200 anni)	5.21	26.01	26.97	26.85	27.13	0.004716	1.76	2.96	5.16	0.74
PBE	12.0	Hi1 (500 anni)	6.62	26.01	27.08	26.95	27.26	0.004757	1.89	3.50	5.50	0.76
PBE	11.5		Bridge									
PBE	11.0	Hi4 (50 anni)	3.25	25.84	26.77	26.18	26.78	0.000110	0.33	10.11	17.55	0.12
PBE	11.0	Hi3 (100 anni)	4.20	25.84	26.88	26.22	26.89	0.000113	0.36	12.45	24.13	0.13
PBE	11.0	Hi2 (200 anni)	5.21	25.84	26.99	26.26	26.99	0.000113	0.39	15.06	28.95	0.13
PBE	11.0	Hi1 (500 anni)	6.62	25.84	27.12	26.31	27.13	0.000078	0.36	29.54	83.24	0.11
PBE	10	Hi4 (50 anni)	3.25	25.83	26.69	26.47	26.77	0.002458	1.23	2.65	5.09	0.54
PBE	10	Hi3 (100 anni)	4.20	25.83	26.79	26.56	26.88	0.002632	1.33	3.16	5.71	0.57
PBE	10	Hi2 (200 anni)	5.21	25.83	26.88	26.64	26.98	0.002711	1.40	3.72	6.37	0.58
PBE	10	Hi1 (500 anni)	6.62	25.83	27.02	26.74	27.12	0.003365	1.38	4.81	10.09	0.64
PBE	9.5		Bridge									
PBE	9	Hi4 (50 anni)	3.25	25.80	26.41	26.41	26.59	0.008909	1.91	1.71	4.56	0.99
PBE	9	Hi3 (100 anni)	4.20	25.80	26.49	26.49	26.70	0.008709	2.01	2.09	5.08	1.00
PBE	9	Hi2 (200 anni)	5.21	25.80	26.61	26.60	26.78	0.008479	1.83	2.85	7.88	0.97
PBE	9	Hi1 (500 anni)	6.62	25.80	26.73	26.73	26.86	0.005278	1.59	5.05	26.72	0.79
PBE	8	Hi4 (50 anni)	3.25	24.65	25.49	25.37	25.61	0.004334	1.53	2.13	4.47	0.71
PBE	8	Hi3 (100 anni)	4.20	24.65	25.59	25.46	25.72	0.004293	1.63	2.58	4.90	0.72
PBE	8	Hi2 (200 anni)	5.21	24.65	25.68	25.54	25.83	0.004307	1.69	3.08	5.53	0.72

HEC-RAS Plan: Plan p09 River: PBE Reach: PBE (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
PBE	8	Hi1 (500 anni)	6.62	24.65	25.79	25.65	25.95	0.004304	1.79	3.70	6.26	0.74
PBE	7	Hi4 (50 anni)	3.25	24.23	24.97	24.83	25.07	0.003736	1.44	2.26	4.69	0.66
PBE	7	Hi3 (100 anni)	4.20	24.23	25.06	24.91	25.18	0.003853	1.56	2.69	5.06	0.68
PBE	7	Hi2 (200 anni)	5.21	24.23	25.14	24.99	25.28	0.003940	1.66	3.13	5.43	0.70
PBE	7	Hi1 (500 anni)	6.62	24.23	25.25	25.09	25.41	0.003867	1.76	3.77	5.91	0.70
PBE	6.9720	Hi4 (50 anni)	3.25	24.22	24.95	24.81	25.05	0.003819	1.45	2.24	4.69	0.67
PBE	6.9720	Hi3 (100 anni)	4.20	24.22	25.04	24.90	25.16	0.003943	1.57	2.67	5.07	0.69
PBE	6.9720	Hi2 (200 anni)	5.21	24.22	25.12	24.97	25.26	0.004029	1.68	3.11	5.44	0.71
PBE	6.9720	Hi1 (500 anni)	6.62	24.22	25.23	25.07	25.39	0.003922	1.76	3.75	5.93	0.71
PBE	6.95	Bridge										
PBE	6.9160	Hi4 (50 anni)	3.25	24.18	24.90	24.78	25.01	0.004198	1.50	2.17	4.67	0.70
PBE	6.9160	Hi3 (100 anni)	4.20	24.18	24.98	24.86	25.12	0.004408	1.63	2.58	5.04	0.73
PBE	6.9160	Hi2 (200 anni)	5.21	24.18	25.06	24.94	25.22	0.004473	1.73	3.00	5.41	0.74
PBE	6.9160	Hi1 (500 anni)	6.62	24.18	25.18	25.04	25.35	0.004231	1.81	3.66	5.93	0.73
PBE	6.8600	Hi4 (50 anni)	3.25	24.15	24.75	24.75	24.95	0.009018	1.97	1.65	4.21	1.00
PBE	6.8600	Hi3 (100 anni)	4.20	24.15	24.85	24.83	25.05	0.007826	2.01	2.09	4.63	0.95
PBE	6.8600	Hi2 (200 anni)	5.21	24.15	24.97	24.91	25.16	0.006004	1.93	2.71	5.21	0.85
PBE	6.8600	Hi1 (500 anni)	6.62	24.15	25.13	25.00	25.30	0.004594	1.86	3.57	5.92	0.76
PBE	6	Hi4 (50 anni)	3.25	23.68	24.58	24.16	24.61	0.000710	0.73	4.46	7.62	0.30
PBE	6	Hi3 (100 anni)	4.20	23.68	24.57	24.23	24.62	0.001229	0.95	4.40	7.55	0.40
PBE	6	Hi2 (200 anni)	5.21	23.68	24.56	24.30	24.63	0.001993	1.21	4.31	7.46	0.51
PBE	6	Hi1 (500 anni)	6.62	23.68	24.53	24.38	24.67	0.003606	1.61	4.12	7.26	0.68
PBE	5	Hi4 (50 anni)	3.25	24.48	24.59	24.59	24.59	0.000023	0.03	59.63	254.10	0.04
PBE	5	Hi3 (100 anni)	4.20	24.48	24.59	24.59	24.59	0.000038	0.03	59.63	254.09	0.05
PBE	5	Hi2 (200 anni)	5.21	24.48	24.59	24.59	24.59	0.000059	0.04	59.62	254.09	0.06
PBE	5	Hi1 (500 anni)	6.62	24.48	24.59	24.59	24.59	0.000095	0.05	59.62	254.09	0.08
PBE	4	Hi4 (50 anni)	3.25	23.73	23.84	23.93	24.51	0.357290	3.67	0.93	20.13	4.78
PBE	4	Hi3 (100 anni)	4.20	23.73	23.85	23.95	24.51	0.272807	3.66	1.26	24.10	4.32
PBE	4	Hi2 (200 anni)	5.21	23.73	23.87	23.97	24.50	0.219022	3.64	1.64	26.95	3.97
PBE	4	Hi1 (500 anni)	6.62	23.73	23.89	23.99	24.48	0.168620	3.61	2.18	30.10	3.59
PBE	3	Hi4 (50 anni)	3.25	22.64	23.22	23.17	23.33	0.006950	1.47	2.21	7.39	0.86
PBE	3	Hi3 (100 anni)	4.20	22.64	23.32	23.25	23.42	0.005358	1.43	2.94	8.45	0.77
PBE	3	Hi2 (200 anni)	5.21	22.64	23.42	23.30	23.51	0.004118	1.32	4.02	14.01	0.69
PBE	3	Hi1 (500 anni)	6.62	22.64	23.38	23.38	23.56	0.008685	1.90	3.48	9.38	1.00
PBE	2	Hi4 (50 anni)	3.25	22.03	23.10	22.60	23.12	0.000498	0.64	5.11	8.16	0.26
PBE	2	Hi3 (100 anni)	4.20	22.03	23.13	22.67	23.16	0.000708	0.77	5.42	8.40	0.31
PBE	2	Hi2 (200 anni)	5.21	22.03	23.24	22.74	23.28	0.000704	0.81	6.40	9.14	0.31
PBE	2	Hi1 (500 anni)	6.62	22.03	23.42	22.82	23.46	0.000664	0.80	8.71	22.45	0.30
PBE	1	Hi4 (50 anni)	3.25	21.92	23.08	22.41	23.09	0.000180	0.43	7.60	10.27	0.16
PBE	1	Hi3 (100 anni)	4.20	21.92	23.11	22.47	23.12	0.000274	0.53	7.91	10.59	0.20
PBE	1	Hi2 (200 anni)	5.21	21.92	23.22	22.52	23.24	0.000299	0.57	9.14	11.76	0.21
PBE	1	Hi1 (500 anni)	6.62	21.92	23.40	22.59	23.42	0.000282	0.58	11.44	13.81	0.20