

COMUNE DI GONNESA



PIANO URBANISTICO COMUNALE IN ADEGUAMENTO AL P.A.I. ED AL P.P.R.

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA (Ai Sensi Dell'Ar. 8 comma 2 e degli Artt. 24 e 25 delle N.T.A. del P.A.I.)

Ufficio Tecnico Comunale - Area Urbanistica, Territorio e Ambiente

Coordinamento Generale:

Ing. Alessandra Farigu

Consulenti specialisti

Geol. Aurelio Fadda

Ing. Nicola Todde

Geol. Pietrino Piras

Ing. Paolo Montisci

Sindaco:

On. Pietro Cocco

tav. n°:

R 02

scala:

data:

Novembre 2012

Titolo

Allegato I – Simulazione delle condizioni di deflusso in piena per i vari TR, sezioni trasversali e relativi livelli di piena, risultati delle elaborazioni numeriche, tabelle di calcolo

protocollo

nome file

formato

A - Bacino Sa Masa

- sub-bacino 1 - Rio Fadda (rami 2 e 3), affluente Rio Fadda (1-SN)
- sub-bacino 2 - Rio Fadda (ramo 1)
- sub-bacino 3 - affluente Rio Fadda (2-SN2)
- sub-bacino 4 - Rio Sibasca (ramo 1), Rio ArcaBascu
- sub-bacino 5 - Canale Monti
- sub-bacino 6 - Rio Sibasca (ramo 2)
- sub-bacino 7 - Canale Monte Lisau
- sub-bacino 8 - Rio Morimenta
- sub-bacino 10 e 11 - Gutturu Carboni
- sub-bacino 16 - affluenti Rio Cabriola (Gutturu Su Forru, Rio de Is Carres - ramo 2)
 - a. sub-bacino 16a - Rio de Is Carres (ramo 1)
 - b. sub-bacino 16b - affluente Gutturu Su Forru (16-SN)
 - c. sub-bacino 16c - Canale Bingias, Gutturu PaniCani (rami 1 e 2)
 - d. sub-bacino 16d - Gutturu Lisau
- sub-bacino 17 - Rio Cabriola (rami 1 e 2)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
Sibasca	ReachM1	1769.335	Tr=50 anni	19.98	48.67	49.49	49.72	0.006183	2.14	9.35	20.11	22.03	42.14
Sibasca	ReachM1	1769.335	Tr=100 anni	22.07	48.67	49.52	49.77	0.006244	2.21	9.99	20.60	21.89	42.50
Sibasca	ReachM1	1769.335	Tr=200 anni	24.17	48.67	49.56	49.82	0.006009	2.24	10.80	21.23	21.73	42.95
Sibasca	ReachM1	1769.335	Tr=500 anni	26.99	48.67	49.61	49.87	0.005906	2.29	11.76	21.97	21.50	43.48
Sibasca	ReachM1	1750.987	Tr=50 anni	19.98	48.60	49.01	49.48	0.035426	3.02	6.61	31.42	27.05	58.46
Sibasca	ReachM1	1750.987	Tr=100 anni	22.07	48.60	49.03	49.52	0.034962	3.12	7.06	31.63	26.95	58.58
Sibasca	ReachM1	1750.987	Tr=200 anni	24.17	48.60	49.04	49.57	0.034869	3.23	7.49	31.92	26.86	58.78
Sibasca	ReachM1	1750.987	Tr=500 anni	26.99	48.60	49.06	49.63	0.034639	3.35	8.06	32.36	26.74	59.10
Sibasca	ReachM1	1729.479	Tr=50 anni	19.98	48.20	48.93	49.21	0.006022	2.33	8.58	15.81	20.83	36.64
Sibasca	ReachM1	1729.479	Tr=100 anni	22.07	48.20	48.97	49.26	0.005882	2.39	9.24	16.06	20.68	36.74
Sibasca	ReachM1	1729.479	Tr=200 anni	24.17	48.20	49.01	49.32	0.005821	2.46	9.84	16.29	20.54	36.83
Sibasca	ReachM1	1729.479	Tr=500 anni	26.99	48.20	49.06	49.38	0.005708	2.53	10.66	16.80	20.35	36.96
Sibasca	ReachM1	1712.627	Tr=50 anni	19.98	47.49	48.11	48.95	0.031914	4.06	4.92	13.83	25.28	39.11
Sibasca	ReachM1	1712.627	Tr=100 anni	22.07	47.49	48.14	49.01	0.030263	4.13	5.34	14.05	25.19	39.24
Sibasca	ReachM1	1712.627	Tr=200 anni	24.17	47.49	48.17	49.07	0.028874	4.20	5.76	14.26	25.10	39.36
Sibasca	ReachM1	1712.627	Tr=500 anni	26.99	47.49	48.21	49.14	0.027296	4.28	6.30	14.54	24.98	39.52
Sibasca	ReachM1	1687.559	Tr=50 anni	19.98	47.10	47.90	48.34	0.013236	2.95	6.78	15.88	27.71	43.59
Sibasca	ReachM1	1687.559	Tr=100 anni	22.07	47.10	47.92	48.41	0.013608	3.08	7.17	16.07	27.63	43.70
Sibasca	ReachM1	1687.559	Tr=200 anni	24.17	47.10	47.95	48.47	0.013885	3.20	7.56	16.25	27.55	43.80
Sibasca	ReachM1	1687.559	Tr=500 anni	26.99	47.10	47.98	48.55	0.014361	3.35	8.04	16.47	27.45	43.93
Sibasca	ReachM1	1661.295	Tr=50 anni	19.98	46.43	47.07	47.84	0.025774	3.89	5.14	13.14	29.51	42.65
Sibasca	ReachM1	1661.295	Tr=100 anni	22.07	46.43	47.10	47.88	0.027313	3.92	5.63	14.83	28.93	43.76
Sibasca	ReachM1	1661.295	Tr=200 anni	24.17	46.43	47.13	47.94	0.026823	4.00	6.04	15.21	28.75	43.96
Sibasca	ReachM1	1661.295	Tr=500 anni	26.99	46.43	47.16	48.02	0.026077	4.11	6.56	15.53	28.67	44.20
Sibasca	ReachM1	1635.72	Tr=50 anni	19.98	45.90	46.76	47.27	0.014885	3.14	6.37	14.72	20.88	35.60
Sibasca	ReachM1	1635.72	Tr=100 anni	22.07	45.90	46.80	47.32	0.014009	3.18	6.95	15.06	20.82	35.88
Sibasca	ReachM1	1635.72	Tr=200 anni	24.17	45.90	46.83	47.38	0.014226	3.29	7.35	15.28	20.78	36.06
Sibasca	ReachM1	1635.72	Tr=500 anni	26.99	45.90	46.86	47.46	0.014451	3.43	7.87	15.56	20.73	36.29
Sibasca	ReachM1	1603.132	Tr=50 anni	19.98	45.24	45.98	46.68	0.020718	3.69	5.42	12.80	25.50	38.10
Sibasca	ReachM1	1603.132	Tr=100 anni	22.07	45.24	46.01	46.75	0.020403	3.80	5.81	12.78	25.44	38.22
Sibasca	ReachM1	1603.132	Tr=200 anni	24.17	45.24	46.05	46.82	0.019864	3.88	6.22	12.96	25.37	38.33
Sibasca	ReachM1	1603.132	Tr=500 anni	26.99	45.24	46.09	46.90	0.019266	3.99	6.76	13.18	25.29	38.46
Sibasca	ReachM1	1569.741	Tr=50 anni	19.98	44.47	45.24	45.87	0.026861	3.53	5.66	17.09	34.10	51.21
Sibasca	ReachM1	1569.741	Tr=100 anni	22.07	44.47	45.26	45.94	0.027701	3.67	6.02	17.54	33.81	51.35
Sibasca	ReachM1	1569.741	Tr=200 anni	24.17	44.47	45.28	46.02	0.028510	3.81	6.34	17.81	33.63	51.44
Sibasca	ReachM1	1569.741	Tr=500 anni	26.99	44.47	45.30	46.12	0.029341	4.00	6.74	18.00	33.57	51.56
Sibasca	ReachM1	1539.114	Tr=50 anni	19.98	44.11	45.11	45.41	0.006740	2.39	8.35	16.08	56.83	72.91
Sibasca	ReachM1	1539.114	Tr=100 anni	22.07	44.11	45.16	45.46	0.006730	2.44	9.05	16.94	56.14	73.08
Sibasca	ReachM1	1539.114	Tr=200 anni	24.17	44.11	45.19	45.51	0.006909	2.51	9.63	17.61	55.59	73.21
Sibasca	ReachM1	1539.114	Tr=500 anni	26.99	44.11	45.22	45.58	0.007324	2.65	10.20	18.02	55.31	73.33
Sibasca	ReachM1	1506.141	Tr=50 anni	19.98	43.35	44.26	44.95	0.032506	3.68	5.43	17.70	63.54	86.60
Sibasca	ReachM1	1506.141	Tr=100 anni	22.07	43.35	44.28	45.00	0.032198	3.76	5.87	18.43	63.25	86.66
Sibasca	ReachM1	1506.141	Tr=200 anni	24.17	43.35	44.31	45.05	0.031556	3.81	6.34	19.17	62.96	86.72
Sibasca	ReachM1	1506.141	Tr=500 anni	26.99	43.35	44.34	45.10	0.030305	3.88	6.96	19.94	62.78	86.80
Sibasca	ReachM1	1477.643	Tr=50 anni	19.98	42.80	43.72	44.22	0.017745	3.12	6.40	17.07	53.75	70.81
Sibasca	ReachM1	1477.643	Tr=100 anni	22.07	42.80	43.75	44.28	0.017681	3.23	6.83	17.23	53.67	70.90
Sibasca	ReachM1	1477.643	Tr=200 anni	24.17	42.80	43.78	44.34	0.017465	3.33	7.27	17.40	53.59	70.99
Sibasca	ReachM1	1477.643	Tr=500 anni	26.99	42.80	43.81	44.41	0.017423	3.46	7.81	17.61	53.49	71.09
Sibasca	ReachM1	1452.646	Tr=50 anni	19.98	42.81	43.51	43.83	0.010758	2.53	7.90	19.99	51.15	71.13
Sibasca	ReachM1	1452.646	Tr=100 anni	22.07	42.81	43.53	43.88	0.011156	2.65	8.33	20.19	51.03	71.21
Sibasca	ReachM1	1452.646	Tr=200 anni	24.17	42.81	43.55	43.94	0.011487	2.76	8.76	20.38	50.91	71.29
Sibasca	ReachM1	1452.646	Tr=500 anni	26.99	42.81	43.57	44.00	0.011907	2.90	9.30	20.62	50.77	71.39
Sibasca	ReachM1	1428.213	Tr=50 anni	19.98	42.48	43.18	43.57	0.010253	2.77	7.22	15.37	47.70	63.07
Sibasca	ReachM1	1428.213	Tr=100 anni	22.07	42.48	43.21	43.62	0.010118	2.84	7.76	15.72	47.51	63.23
Sibasca	ReachM1	1428.213	Tr=200 anni	24.17	42.48	43.25	43.67	0.009847	2.90	8.34	16.07	47.32	63.39
Sibasca	ReachM1	1428.213	Tr=500 anni	26.99	42.48	43.29	43.74	0.009546	2.97	9.09	16.49	47.06	63.55
Sibasca	ReachM1	1397.141	Tr=50 anni	19.98	41.81	42.67	43.21	0.011804	3.26	6.13	11.22	57.90	69.13
Sibasca	ReachM1	1397.141	Tr=100 anni	22.07	41.81	42.71	43.27	0.011363	3.32	6.65	11.50	57.73	69.23
Sibasca	ReachM1	1397.141	Tr=200 anni	24.17	41.81	42.76	43.34	0.010959	3.37	7.17	11.76	57.57	69.33
Sibasca	ReachM1	1397.141	Tr=500 anni	26.99	41.81	42.81	43.42	0.010544	3.44	7.84	12.09	57.36	69.46
Sibasca	ReachM1	1374.036	Tr=50 anni	19.98	41.58	42.32	42.87	0.018209	3.31	6.04	15.20	49.00	64.20
Sibasca	ReachM1	1374.036	Tr=100 anni	22.07	41.58	42.34	42.94	0.018453	3.42	6.45	15.54	48.78	64.32
Sibasca	ReachM1	1374.036	Tr=200 anni	24.17	41.58	42.37	43.00	0.018775	3.54	6.83	15.86	48.58	64.44
Sibasca	ReachM1	1374.036	Tr=500 anni	26.99	41.58	42.40	43.09	0.019152	3.68	7.34	16.30	48.29	64.59
Sibasca	ReachM1	1350.412	Tr=50 anni	19.98	41.11	42.38	42.57	0.007096	1.94	10.30	28.24	49.85	78.10
Sibasca	ReachM1	1350.412	Tr=100 anni	22.07	41.11	42.37	42.61	0.009002	2.17	10.18	28.22	49.86	78.08
Sibasca	ReachM1	1350.412	Tr=200 anni	24.17	41.11	42.41	42.64	0.007461	2.12	11.41	28.44	49.77	78.21
Sibasca	ReachM1	1350.412	Tr=500 anni	26.99	41.11	42.45	42.69	0.007242	2.19	12.33	28.60	49.70	78.30
Sibasca	ReachM1	1325.673	Tr=50 anni	19.98	41.07	41.91	42.29	0.017100	2.71	7.37	23.72	59.39	83.12
Sibasca	ReachM1	1325.673	Tr=100 anni	22.07	41.07	41.95	42.31	0.015268	2.67	8.28	25.12	58.77	83.89
Sibasca	ReachM1	1325.673	Tr=200 anni	24.17	41.07	41.97	42.36	0.016223	2.79	8.65	25.62	58.53	84.15
Sibasca	ReachM1	1325.673	Tr=500 anni	26.99	41.07	41.99	42.41	0.016356	2.87	9.40	26.89	57.77	84.66
Sibasca	ReachM1	1302.387	Tr=50 anni	19.98	40.57	41.90	41.96	0.001353	1.11	17.96	32.82	58.16	90.98

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
Sibasca	ReachM1	1302.387	Tr=100 anni	22.07	40.57	41.93	42.00	0.001410	1.16	19.01	33.64	57.45	91.09
Sibasca	ReachM1	1302.387	Tr=200 anni	24.17	40.57	41.96	42.03	0.001464	1.21	20.00	34.27	56.90	91.16
Sibasca	ReachM1	1302.387	Tr=500 anni	26.99	40.57	42.00	42.08	0.001517	1.27	21.32	35.01	56.26	91.27
Sibasca	ReachM1	1276.238	Tr=50 anni	19.98	40.36	41.77	41.90	0.004300	1.55	12.85	33.75	56.58	90.32
Sibasca	ReachM1	1276.238	Tr=100 anni	22.07	40.36	41.81	41.93	0.003975	1.57	14.05	34.26	56.31	90.58
Sibasca	ReachM1	1276.238	Tr=200 anni	24.17	40.36	41.83	41.97	0.003934	1.62	14.95	34.65	56.12	90.76
Sibasca	ReachM1	1276.238	Tr=500 anni	26.99	40.36	41.87	42.01	0.003987	1.66	16.23	36.41	55.80	92.22
Sibasca	ReachM1	1248.297	Tr=50 anni	19.98	40.22	41.53	41.74	0.006283	2.04	9.80	22.81	59.41	85.37
Sibasca	ReachM1	1248.297	Tr=100 anni	22.07	40.22	41.58	41.78	0.006875	1.99	11.12	28.83	58.94	87.78
Sibasca	ReachM1	1248.297	Tr=200 anni	24.17	40.22	41.61	41.82	0.006745	2.01	12.01	30.09	58.74	88.83
Sibasca	ReachM1	1248.297	Tr=500 anni	26.99	40.22	41.66	41.86	0.006510	2.02	13.34	32.29	58.45	94.27
Sibasca	ReachM1	1226.264	Tr=50 anni	19.98	39.98	41.22	41.56	0.010120	2.59	7.72	17.80	57.66	75.46
Sibasca	ReachM1	1226.264	Tr=100 anni	22.07	39.98	41.27	41.60	0.009019	2.55	8.65	18.69	57.40	76.09
Sibasca	ReachM1	1226.264	Tr=200 anni	24.17	39.98	41.31	41.64	0.008446	2.56	9.45	19.38	57.21	76.59
Sibasca	ReachM1	1226.264	Tr=500 anni	26.99	39.98	41.37	41.70	0.007626	2.53	10.65	20.54	56.93	77.47
Sibasca	ReachM1	1200.669	Tr=50 anni	19.98	39.85	40.82	41.25	0.013795	2.90	6.89	16.93	57.46	74.39
Sibasca	ReachM1	1200.669	Tr=100 anni	22.07	39.85	40.85	41.30	0.013730	2.98	7.40	17.33	57.13	74.47
Sibasca	ReachM1	1200.669	Tr=200 anni	24.17	39.85	40.88	41.36	0.013737	3.07	7.88	17.71	56.83	74.54
Sibasca	ReachM1	1200.669	Tr=500 anni	26.99	39.85	40.91	41.42	0.013653	3.16	8.54	18.26	56.38	74.64
Sibasca	ReachM1	1164.449	Tr=50 anni	19.98	39.27	40.81	40.99	0.007164	1.84	10.85	31.86	49.70	81.56
Sibasca	ReachM1	1164.449	Tr=100 anni	22.07	39.27	40.83	41.02	0.007471	1.94	11.38	31.90	49.66	81.56
Sibasca	ReachM1	1164.449	Tr=200 anni	24.17	39.27	40.85	41.06	0.007229	1.99	12.15	31.96	49.60	81.56
Sibasca	ReachM1	1164.449	Tr=500 anni	26.99	39.27	40.89	41.10	0.006534	2.01	13.40	32.06	49.50	81.56
Sibasca	ReachM1	1139.787	Tr=50 anni	19.98	39.26	40.60	40.81	0.007377	2.00	9.97	26.57	45.94	72.51
Sibasca	ReachM1	1139.787	Tr=100 anni	22.07	39.26	40.64	40.85	0.006867	2.03	10.89	26.99	45.52	72.51
Sibasca	ReachM1	1139.787	Tr=200 anni	24.17	39.26	40.66	40.88	0.006745	2.08	11.61	27.28	45.23	72.51
Sibasca	ReachM1	1139.787	Tr=500 anni	26.99	39.26	40.74	40.94	0.005108	1.98	13.66	28.09	44.42	72.51
Sibasca	ReachM1	1123.661	Tr=50 anni	19.98	38.94	40.39	40.68	0.007867	2.37	8.44	18.21	52.31	70.52
Sibasca	ReachM1	1123.661	Tr=100 anni	22.07	38.94	40.43	40.72	0.007187	2.39	9.25	18.38	52.14	70.52
Sibasca	ReachM1	1123.661	Tr=200 anni	24.17	38.94	40.48	40.77	0.006410	2.38	10.16	18.57	51.95	70.52
Sibasca	ReachM1	1123.661	Tr=500 anni	26.99	38.94	40.85	40.97	0.001594	1.56	17.30	20.67	49.85	70.52
Sibasca	ReachM2	1103.938	Tr=50 anni	55.91	38.95	40.25	40.86	0.022012	3.45	16.20	43.72	70.14	113.86
Sibasca	ReachM2	1103.938	Tr=100 anni	61.76	38.95	40.28	40.92	0.021341	3.55	17.39	43.92	69.99	113.91
Sibasca	ReachM2	1103.938	Tr=200 anni	67.64	38.95	40.30	40.98	0.020687	3.64	18.57	44.12	69.85	113.97
Sibasca	ReachM2	1103.938	Tr=500 anni	75.53	38.95	40.34	41.06	0.019951	3.76	20.11	44.38	69.66	114.03
Sibasca	ReachM2	1078.885	Tr=50 anni	55.91	38.53	39.87	40.36	0.015484	3.10	18.02	43.72	55.31	99.04
Sibasca	ReachM2	1078.885	Tr=100 anni	61.76	38.53	39.89	40.43	0.015740	3.24	19.06	43.89	55.19	99.07
Sibasca	ReachM2	1078.885	Tr=200 anni	67.64	38.53	39.92	40.50	0.015946	3.37	20.08	44.04	55.07	99.11
Sibasca	ReachM2	1078.885	Tr=500 anni	75.53	38.53	39.95	40.58	0.016171	3.53	21.41	44.25	54.91	99.16
Sibasca	ReachM2	1051.098	Tr=50 anni	55.91	38.32	39.51	39.94	0.013586	2.93	19.07	45.74	48.06	93.81
Sibasca	ReachM2	1051.098	Tr=100 anni	61.76	38.32	39.53	40.01	0.013575	3.04	20.29	45.93	47.99	93.91
Sibasca	ReachM2	1051.098	Tr=200 anni	67.64	38.32	39.56	40.07	0.013629	3.16	21.43	46.10	47.91	94.01
Sibasca	ReachM2	1051.098	Tr=500 anni	75.53	38.32	39.59	40.14	0.013659	3.29	22.93	46.33	47.82	94.15
Sibasca	ReachM2	1026.932	Tr=50 anni	55.91	37.99	39.10	39.60	0.014501	3.12	17.93	41.47	56.62	98.08
Sibasca	ReachM2	1026.932	Tr=100 anni	61.76	37.99	39.14	39.66	0.014965	3.19	19.35	44.24	56.54	100.78
Sibasca	ReachM2	1026.932	Tr=200 anni	67.64	37.99	39.17	39.71	0.015631	3.27	20.71	47.28	56.47	104.01
Sibasca	ReachM2	1026.932	Tr=500 anni	75.53	37.99	39.20	39.78	0.016014	3.38	22.36	49.41	56.39	105.79
Sibasca	ReachM2	1001.855	Tr=50 anni	55.91	37.48	38.68	39.21	0.016501	3.22	17.35	41.83	45.62	87.45
Sibasca	ReachM2	1001.855	Tr=100 anni	61.76	37.48	38.71	39.26	0.015845	3.29	18.75	42.43	45.30	87.73
Sibasca	ReachM2	1001.855	Tr=200 anni	67.64	37.48	38.74	39.32	0.015191	3.36	20.15	42.94	45.06	88.00
Sibasca	ReachM2	1001.855	Tr=500 anni	75.53	37.48	38.78	39.39	0.014760	3.46	21.83	43.54	44.78	88.33
Sibasca	ReachM2	970.5838	Tr=50 anni	55.91	37.32	38.32	38.78	0.010684	2.99	18.70	36.68	40.84	77.51
Sibasca	ReachM2	970.5838	Tr=100 anni	61.76	37.32	38.35	38.84	0.010698	3.10	19.93	37.05	40.51	77.56
Sibasca	ReachM2	970.5838	Tr=200 anni	67.64	37.32	38.38	38.91	0.010741	3.21	21.10	37.37	40.23	77.59
Sibasca	ReachM2	970.5838	Tr=500 anni	75.53	37.32	38.43	38.99	0.010638	3.33	22.65	37.53	40.11	77.65
Sibasca	ReachM2	944.3656	Tr=50 anni	55.91	36.94	38.24	38.49	0.006684	2.21	25.34	55.05	32.68	87.73
Sibasca	ReachM2	944.3656	Tr=100 anni	61.76	36.94	38.25	38.55	0.007837	2.41	25.65	55.07	32.68	87.75
Sibasca	ReachM2	944.3656	Tr=200 anni	67.64	36.94	38.26	38.60	0.008733	2.58	26.24	55.12	32.67	87.79
Sibasca	ReachM2	944.3656	Tr=500 anni	75.53	36.94	38.27	38.67	0.009997	2.80	26.93	55.18	32.65	87.83
Sibasca	ReachM2	896.7666	Tr=50 anni	58.67	36.31	37.25	37.89	0.025804	3.53	16.63	49.34	48.53	97.87
Sibasca	ReachM2	896.7666	Tr=100 anni	64.81	36.31	37.29	37.92	0.022334	3.51	18.48	49.68	48.38	98.06
Sibasca	ReachM2	896.7666	Tr=200 anni	70.99	36.31	37.32	37.96	0.020335	3.53	20.13	49.98	48.24	98.22
Sibasca	ReachM2	896.7666	Tr=500 anni	79.26	36.31	37.36	38.01	0.018422	3.57	22.22	50.36	48.07	98.43
Sibasca	ReachM2	851.5602	Tr=50 anni	58.67	35.73	37.09	37.31	0.006598	2.09	28.02	65.20	48.80	114.00
Sibasca	ReachM2	851.5602	Tr=100 anni	64.81	35.73	37.12	37.35	0.006418	2.16	30.05	65.48	48.68	114.16
Sibasca	ReachM2	851.5602	Tr=200 anni	70.99	35.73	37.12	37.40	0.007392	2.33	30.43	65.54	48.66	114.19
Sibasca	ReachM2	851.5602	Tr=500 anni	79.26	35.73	37.19	37.45	0.006146	2.29	34.54	66.38	48.41	114.79
Sibasca	ReachM2	814.3616	Tr=50 anni	58.67	34.83	36.24	36.85	0.023977	3.46	16.93	48.39	96.95	145.34
Sibasca	ReachM2	814.3616	Tr=100 anni	64.81	34.83	36.27	36.91	0.023241	3.54	18.29	49.34	96.03	145.37
Sibasca	ReachM2	814.3616	Tr=200 anni	70.99	34.83	36.30	36.93	0.020732	3.51	20.20	50.66	94.75	145.41
Sibasca	ReachM2	814.3616	Tr=500 anni	79.26	34.83	36.33	37.02	0.021435	3.69	21.47	51.26	94.18	145.43
Sibasca	ReachM2	775.9459	Tr=50 anni	58.67	34.50	35.72	36.02	0.015594	2.45	23.99	84.29	38.14	129.12
Sibasca	ReachM2	775.9459	Tr=100 anni	64.81	34.50	35.73	36.07	0.016483	2.55	25.41	87.33	37.49	129.14

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
Sibasca	ReachM2	775.9459	Tr=200 anni	70.99	34.50	35.75	36.12	0.017919	2.70	26.34	88.74	37.34	129.16
Sibasca	ReachM2	775.9459	Tr=500 anni	79.26	34.50	35.76	36.17	0.018493	2.83	27.96	89.40	37.08	129.18
Sibasca	ReachM2	741.1652	Tr=50 anni	58.67	33.53	35.01	35.38	0.022050	2.70	21.74	85.34	35.40	126.48
Sibasca	ReachM2	741.1652	Tr=100 anni	64.81	33.53	35.03	35.41	0.021221	2.75	23.56	87.36	35.26	127.00
Sibasca	ReachM2	741.1652	Tr=200 anni	70.99	33.53	35.05	35.45	0.020550	2.79	25.44	90.09	35.12	128.26
Sibasca	ReachM2	741.1652	Tr=500 anni	79.26	33.53	35.07	35.50	0.020356	2.89	27.42	91.49	34.98	128.41
Sibasca	ReachM2	704.3105	Tr=50 anni	58.67	34.08	34.84	35.01	0.006796	1.86	31.63	90.60	49.49	140.54
Sibasca	ReachM2	704.3105	Tr=100 anni	64.81	34.08	34.86	35.05	0.006653	1.91	33.94	91.64	49.41	141.04
Sibasca	ReachM2	704.3105	Tr=200 anni	70.99	34.08	34.88	35.08	0.006751	1.98	35.78	92.18	49.34	141.52
Sibasca	ReachM2	704.3105	Tr=500 anni	79.26	34.08	34.92	35.13	0.006516	2.04	38.82	93.29	49.24	142.53
Sibasca	ReachM2	675.8331	Tr=50 anni	58.67	33.03	34.31	34.70	0.016746	2.78	21.08	64.29	49.43	113.76
Sibasca	ReachM2	675.8331	Tr=100 anni	64.81	33.03	34.33	34.74	0.015986	2.85	22.78	64.92	48.89	113.82
Sibasca	ReachM2	675.8331	Tr=200 anni	70.99	33.03	34.36	34.78	0.015106	2.89	24.56	65.54	48.34	113.88
Sibasca	ReachM2	675.8331	Tr=500 anni	79.26	33.03	34.39	34.84	0.014317	2.96	26.75	66.05	47.90	113.95
Sibasca	ReachM2	654.949	Tr=50 anni	58.67	32.93	34.05	34.37	0.013283	2.49	23.54	71.49	67.98	139.48
Sibasca	ReachM2	654.949	Tr=100 anni	64.81	32.93	34.07	34.42	0.013744	2.62	24.78	71.83	67.77	139.60
Sibasca	ReachM2	654.949	Tr=200 anni	70.99	32.93	34.08	34.47	0.014336	2.74	25.89	72.10	67.60	139.71
Sibasca	ReachM2	654.949	Tr=500 anni	79.26	32.93	34.10	34.53	0.014832	2.89	27.42	72.40	67.39	139.79
Sibasca	ReachM2	624.535	Tr=50 anni	58.67	31.95	33.58	33.91	0.016909	2.54	23.09	81.18	37.65	118.83
Sibasca	ReachM2	624.535	Tr=100 anni	64.81	31.95	33.60	33.95	0.017004	2.62	24.73	83.41	36.30	119.71
Sibasca	ReachM2	624.535	Tr=200 anni	70.99	31.95	33.62	33.99	0.016809	2.68	26.48	85.53	36.21	125.39
Sibasca	ReachM2	624.535	Tr=500 anni	79.26	31.95	33.65	34.04	0.016793	2.78	28.53	87.32	36.10	125.55
Sibasca	ReachM2	573.6597	Tr=50 anni	58.67	31.75	33.01	33.25	0.009514	2.20	26.65	75.64	30.69	106.34
Sibasca	ReachM2	573.6597	Tr=100 anni	64.81	31.75	33.03	33.30	0.009442	2.28	28.38	75.79	30.63	106.41
Sibasca	ReachM2	573.6597	Tr=200 anni	70.99	31.75	33.05	33.34	0.009454	2.37	29.99	75.93	30.56	106.49
Sibasca	ReachM2	573.6597	Tr=500 anni	79.26	31.75	33.08	33.39	0.009395	2.47	32.13	76.11	30.48	106.58
Sibasca	ReachM2	526.6006	Tr=50 anni	59.43	31.57	32.65	32.91	0.007735	2.25	26.44	62.37	40.12	102.48
Sibasca	ReachM2	526.6006	Tr=100 anni	65.64	31.57	32.69	32.96	0.007057	2.27	28.89	62.62	39.98	102.59
Sibasca	ReachM2	526.6006	Tr=200 anni	71.90	31.57	32.72	33.00	0.006989	2.35	30.64	62.80	39.88	102.68
Sibasca	ReachM2	526.6006	Tr=500 anni	80.28	31.57	32.75	33.06	0.007194	2.47	32.50	63.00	39.77	102.77
Sibasca	ReachM2	466.4181	Tr=50 anni	59.43	30.91	31.93	32.33	0.011939	2.79	21.29	50.36	54.81	105.18
Sibasca	ReachM2	466.4181	Tr=100 anni	65.64	30.91	31.95	32.39	0.012299	2.93	22.44	50.58	54.62	105.21
Sibasca	ReachM2	466.4181	Tr=200 anni	71.90	30.91	31.98	32.44	0.011926	3.00	23.98	50.88	54.37	105.25
Sibasca	ReachM2	466.4181	Tr=500 anni	80.28	30.91	32.02	32.51	0.011378	3.08	26.07	51.30	54.00	105.30
Sibasca	ReachM2	424.0206	Tr=50 anni	59.43	31.00	31.60	31.87	0.008372	2.31	25.75	62.15	63.24	125.59
Sibasca	ReachM2	424.0206	Tr=100 anni	65.64	31.00	31.63	31.92	0.008444	2.40	27.35	62.63	63.02	125.65
Sibasca	ReachM2	424.0206	Tr=200 anni	71.90	31.00	31.64	31.97	0.008866	2.52	28.51	62.84	62.86	125.70
Sibasca	ReachM2	424.0206	Tr=500 anni	80.28	31.00	31.67	32.03	0.009361	2.67	30.02	63.10	62.65	125.75
Sibasca	ReachM2	390.7011	Tr=50 anni	59.43	30.65	31.26	31.55	0.011023	2.37	25.03	70.97	40.97	138.66
Sibasca	ReachM2	390.7011	Tr=100 anni	65.64	30.65	31.28	31.60	0.011229	2.48	26.49	71.43	40.85	138.81
Sibasca	ReachM2	390.7011	Tr=200 anni	71.90	30.65	31.31	31.64	0.011096	2.55	28.18	72.08	40.59	138.99
Sibasca	ReachM2	390.7011	Tr=500 anni	80.28	30.65	31.34	31.69	0.011056	2.65	30.30	72.99	40.27	139.20
Sibasca	ReachM2	364.6094	Tr=50 anni	59.43	30.45	30.84	31.15	0.021765	2.49	23.90	105.82	44.99	157.11
Sibasca	ReachM2	364.6094	Tr=100 anni	65.64	30.45	30.85	31.19	0.022059	2.59	25.33	106.42	44.91	157.16
Sibasca	ReachM2	364.6094	Tr=200 anni	71.90	30.45	30.86	31.23	0.022364	2.70	26.67	106.70	44.83	157.20
Sibasca	ReachM2	364.6094	Tr=500 anni	80.28	30.45	30.88	31.29	0.022627	2.82	28.43	107.05	44.72	157.25
Sibasca	ReachM2	337.9826	Tr=50 anni	59.43	29.90	30.78	30.93	0.007298	1.74	34.25	114.37	60.53	175.42
Sibasca	ReachM2	337.9826	Tr=100 anni	65.64	29.90	30.80	30.96	0.007285	1.80	36.48	115.16	60.36	175.75
Sibasca	ReachM2	337.9826	Tr=200 anni	71.90	29.90	30.82	30.99	0.006946	1.83	39.19	115.97	60.15	176.12
Sibasca	ReachM2	337.9826	Tr=500 anni	80.28	29.90	30.85	31.03	0.006608	1.88	42.60	116.69	59.89	176.58
Sibasca	ReachM2	314.5742	Tr=50 anni	59.43	28.19	29.48	30.61	0.012475	4.72	12.60	13.45	50.73	64.18
Sibasca	ReachM2	314.5742	Tr=100 anni	65.64	28.19	29.61	30.67	0.010257	4.57	14.37	13.84	50.54	64.39
Sibasca	ReachM2	314.5742	Tr=200 anni	71.90	28.19	29.75	30.73	0.008331	4.39	16.38	14.27	50.34	64.62
Sibasca	ReachM2	314.5742	Tr=500 anni	80.28	28.19	30.02	30.80	0.007819	3.91	20.52	20.42	49.96	94.36
Sibasca	ReachM2	285.4051	Tr=50 anni	59.43	28.97	30.02	30.17	0.007513	1.71	34.73	120.72	87.19	246.48
Sibasca	ReachM2	285.4051	Tr=100 anni	65.64	28.97	30.04	30.20	0.007360	1.76	37.37	123.00	87.14	246.70
Sibasca	ReachM2	285.4051	Tr=200 anni	71.90	28.97	30.03	30.23	0.010172	2.02	35.65	121.52	87.17	246.56
Sibasca	ReachM2	285.4051	Tr=500 anni	80.28	28.97	29.98	30.33	0.019155	2.62	30.64	113.42	87.27	246.10
Sibasca	ReachM2	207.2934	Tr=50 anni	59.43	28.07	29.34	29.52	0.009027	1.90	31.24	106.21	135.31	289.57
Sibasca	ReachM2	207.2934	Tr=100 anni	65.64	28.07	29.36	29.55	0.009298	1.98	33.18	108.77	134.88	290.65
Sibasca	ReachM2	207.2934	Tr=200 anni	71.90	28.07	29.37	29.59	0.009902	2.08	34.62	110.57	134.57	290.99
Sibasca	ReachM2	207.2934	Tr=500 anni	80.28	28.07	29.43	29.62	0.007365	1.94	41.36	117.16	133.38	291.45
Sibasca	ReachM2	140.5987	Tr=50 anni	59.43	27.49	28.80	28.95	0.007906	1.71	34.81	125.91	167.00	349.08
Sibasca	ReachM2	140.5987	Tr=100 anni	65.64	27.49	28.82	28.98	0.007731	1.75	37.60	129.34	166.69	349.40
Sibasca	ReachM2	140.5987	Tr=200 anni	71.90	27.49	28.84	29.01	0.007776	1.79	40.12	133.28	166.42	349.67
Sibasca	ReachM2	140.5987	Tr=500 anni	80.28	27.49	28.84	29.05	0.010004	2.02	39.65	132.49	166.47	349.62
Sibasca	ReachM2	85.3499	Tr=50 anni	59.43	27.11	28.37	28.47	0.004671	1.39	42.88	143.05	223.57	375.03
Sibasca	ReachM2	85.3499	Tr=100 anni	65.64	27.11	28.38	28.49	0.005165	1.48	44.21	143.43	223.41	375.06
Sibasca	ReachM2	85.3499	Tr=200 anni	71.90	27.11	28.40	28.52	0.004743	1.50	48.01	144.25	222.93	375.12
Sibasca	ReachM2	85.3499	Tr=500 anni	80.28	27.11	28.43	28.55	0.004787	1.57	51.24	144.82	222.54	375.18
R.Fadda	ReachM1	4042.529	Tr=50 anni	5.29	146.06	146.38	146.48	0.008224	1.43	3.69	18.02	157.74	175.75
R.Fadda	ReachM1	4042.529	Tr=100 anni	5.84	146.06	146.40	146.51	0.008098	1.47	3.98	18.48	157.50	175.97
R.Fadda	ReachM1	4042.529	Tr=200 anni	6.40	146.06	146.41	146.53	0.007977	1.50	4.27	19.00	157.26	176.26

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Fadda	ReachM1	4042.529	Tr=500 anni	7.14	146.06	146.43	146.55	0.007866	1.54	4.64	19.69	156.96	176.65
R.Fadda	ReachM1	3919.044	Tr=50 anni	5.29	142.18	142.29	143.21	0.507853	4.24	1.25	26.28	206.37	237.17
R.Fadda	ReachM1	3919.044	Tr=100 anni	5.84	142.18	142.30	143.27	0.509305	4.37	1.34	27.01	206.28	237.18
R.Fadda	ReachM1	3919.044	Tr=200 anni	6.40	142.18	142.30	143.33	0.510604	4.49	1.43	27.72	206.19	237.19
R.Fadda	ReachM1	3919.044	Tr=500 anni	7.14	142.18	142.30	143.39	0.503469	4.61	1.55	28.66	205.83	237.20
R.Fadda	ReachM1	3819.727	Tr=50 anni	5.29	134.14	134.36	134.53	0.033643	1.79	2.95	29.56	172.89	211.53
R.Fadda	ReachM1	3819.727	Tr=100 anni	5.84	134.14	134.37	134.54	0.033767	1.84	3.17	30.59	172.78	211.65
R.Fadda	ReachM1	3819.727	Tr=200 anni	6.40	134.14	134.38	134.56	0.033885	1.89	3.39	31.57	172.67	211.77
R.Fadda	ReachM1	3819.727	Tr=500 anni	7.14	134.14	134.39	134.58	0.034142	1.92	3.72	33.95	172.51	211.95
R.Fadda	ReachM1	3735.992	Tr=50 anni	5.29	129.07	129.26	129.87	0.106346	3.44	1.54	13.70	128.61	155.08
R.Fadda	ReachM1	3735.992	Tr=100 anni	5.84	129.07	129.28	129.80	0.112040	3.18	1.83	19.15	127.33	161.19
R.Fadda	ReachM1	3735.992	Tr=200 anni	6.40	129.07	129.29	129.81	0.111312	3.21	2.00	20.50	127.20	161.42
R.Fadda	ReachM1	3735.992	Tr=500 anni	7.14	129.07	129.30	129.83	0.109714	3.23	2.21	22.14	127.03	161.70
R.Fadda	ReachM1	3571.552	Tr=50 anni	5.29	121.37	121.54	121.67	0.028054	1.59	3.33	34.81	87.36	154.19
R.Fadda	ReachM1	3571.552	Tr=100 anni	5.84	121.37	121.55	121.68	0.027047	1.62	3.60	35.56	87.26	154.38
R.Fadda	ReachM1	3571.552	Tr=200 anni	6.40	121.37	121.56	121.70	0.027152	1.66	3.86	36.97	87.18	154.56
R.Fadda	ReachM1	3571.552	Tr=500 anni	7.14	121.37	121.56	121.71	0.027352	1.71	4.17	38.24	87.07	154.76
R.Fadda	ReachM1	3520.058	Tr=50 anni	5.29	119.76	119.99	120.15	0.031046	1.76	3.00	29.10	72.77	104.32
R.Fadda	ReachM1	3520.058	Tr=100 anni	5.84	119.76	120.00	120.17	0.031939	1.84	3.18	29.49	72.62	104.46
R.Fadda	ReachM1	3520.058	Tr=200 anni	6.40	119.76	120.00	120.19	0.031741	1.89	3.38	29.95	72.45	104.62
R.Fadda	ReachM1	3520.058	Tr=500 anni	7.14	119.76	120.01	120.21	0.031229	1.95	3.66	30.58	72.20	104.84
R.Fadda	ReachM1	3450.275	Tr=50 anni	5.29	116.66	117.05	117.58	0.042956	3.22	1.64	8.19	86.88	95.07
R.Fadda	ReachM1	3450.275	Tr=100 anni	5.84	116.66	117.07	117.60	0.041446	3.24	1.81	8.69	86.50	95.18
R.Fadda	ReachM1	3450.275	Tr=200 anni	6.40	116.66	117.09	117.62	0.042017	3.21	1.99	9.79	85.51	95.30
R.Fadda	ReachM1	3450.275	Tr=500 anni	7.14	116.66	117.11	117.62	0.043399	3.16	2.26	11.66	83.78	95.45
R.Fadda	ReachM1	3395.55	Tr=50 anni	5.29	114.95	115.27	115.66	0.027993	2.76	1.92	8.73	87.92	96.66
R.Fadda	ReachM1	3395.55	Tr=100 anni	5.84	114.95	115.29	115.70	0.028524	2.85	2.05	8.99	87.84	96.83
R.Fadda	ReachM1	3395.55	Tr=200 anni	6.40	114.95	115.30	115.73	0.027895	2.90	2.21	9.32	87.73	97.06
R.Fadda	ReachM1	3395.55	Tr=500 anni	7.14	114.95	115.33	115.76	0.026745	2.92	2.44	9.88	87.59	97.47
R.Fadda	ReachM1	3349.486	Tr=50 anni	5.29	112.26	112.79	113.94	0.047090	4.76	1.11	3.03	87.26	90.29
R.Fadda	ReachM1	3349.486	Tr=100 anni	5.84	112.26	112.82	114.00	0.044952	4.81	1.21	3.14	87.20	90.34
R.Fadda	ReachM1	3349.486	Tr=200 anni	6.40	112.26	112.85	114.06	0.043774	4.88	1.31	3.24	87.15	90.39
R.Fadda	ReachM1	3349.486	Tr=500 anni	7.14	112.26	112.89	114.15	0.042515	4.98	1.43	3.36	87.08	90.44
R.Fadda	ReachM1	3309.141	Tr=50 anni	5.29	110.83	111.30	111.98	0.043069	3.66	1.45	5.89	94.74	100.64
R.Fadda	ReachM1	3309.141	Tr=100 anni	5.84	110.83	111.32	112.05	0.044947	3.80	1.54	6.12	94.58	100.70
R.Fadda	ReachM1	3309.141	Tr=200 anni	6.40	110.83	111.33	112.12	0.046504	3.92	1.63	6.34	94.41	100.76
R.Fadda	ReachM1	3309.141	Tr=500 anni	7.14	110.83	111.35	112.20	0.048392	4.08	1.75	6.61	94.21	100.83
R.Fadda	ReachM1	3266.625	Tr=50 anni	5.29	110.28	110.53	110.72	0.017588	1.92	2.76	15.32	18.63	33.95
R.Fadda	ReachM1	3266.625	Tr=100 anni	5.84	110.28	110.54	110.75	0.017933	2.00	2.92	15.48	18.54	34.02
R.Fadda	ReachM1	3266.625	Tr=200 anni	6.40	110.28	110.55	110.77	0.018262	2.08	3.08	15.64	18.45	34.09
R.Fadda	ReachM1	3266.625	Tr=500 anni	7.14	110.28	110.56	110.81	0.018697	2.18	3.28	15.83	18.34	34.18
R.Fadda	ReachM1	3216.145	Tr=50 anni	5.29	109.01	109.20	109.37	0.044607	1.85	2.85	33.60	8.11	93.82
R.Fadda	ReachM1	3216.145	Tr=100 anni	5.84	109.01	109.21	109.39	0.044052	1.89	3.09	35.06	8.01	93.88
R.Fadda	ReachM1	3216.145	Tr=200 anni	6.40	109.01	109.21	109.40	0.043731	1.93	3.32	36.24	7.92	93.93
R.Fadda	ReachM1	3216.145	Tr=500 anni	7.14	109.01	109.22	109.42	0.043230	1.97	3.62	37.83	7.80	94.00
R.Fadda	ReachM1	3171.865	Tr=50 anni	9.63	108.27	108.60	108.68	0.009996	1.24	7.78	54.74	16.12	74.02
R.Fadda	ReachM1	3171.865	Tr=100 anni	10.64	108.27	108.61	108.69	0.010041	1.28	8.28	55.24	15.98	74.11
R.Fadda	ReachM1	3171.865	Tr=200 anni	11.65	108.27	108.62	108.71	0.010003	1.33	8.78	55.73	15.84	74.20
R.Fadda	ReachM1	3171.865	Tr=500 anni	13.01	108.27	108.63	108.72	0.009991	1.38	9.45	56.67	15.66	74.32
R.Fadda	ReachM1	3129.865	Tr=50 anni	9.63	107.90	108.18	108.27	0.009313	1.34	7.20	42.73	38.68	97.26
R.Fadda	ReachM1	3129.865	Tr=100 anni	10.64	107.90	108.19	108.29	0.009171	1.37	7.77	44.04	38.56	97.32
R.Fadda	ReachM1	3129.865	Tr=200 anni	11.65	107.90	108.21	108.30	0.009159	1.39	8.37	46.25	38.44	97.39
R.Fadda	ReachM1	3129.865	Tr=500 anni	13.01	107.90	108.23	108.32	0.009065	1.38	9.41	52.02	37.30	97.49
R.Fadda	ReachM1	3086.74	Tr=50 anni	9.63	106.55	106.85	107.35	0.074956	3.14	3.07	24.18	80.75	107.30
R.Fadda	ReachM1	3086.74	Tr=100 anni	10.64	106.55	106.86	107.38	0.074548	3.19	3.34	25.59	80.66	107.44
R.Fadda	ReachM1	3086.74	Tr=200 anni	11.65	106.55	106.87	107.40	0.073347	3.22	3.62	27.00	80.58	107.58
R.Fadda	ReachM1	3086.74	Tr=500 anni	13.01	106.55	106.88	107.44	0.069270	3.30	3.95	27.25	80.48	107.73
R.Fadda	ReachM1	3061.257	Tr=50 anni	9.63	105.90	106.13	106.33	0.021437	1.97	4.90	30.47	56.16	86.64
R.Fadda	ReachM1	3061.257	Tr=100 anni	10.64	105.90	106.14	106.36	0.021526	2.04	5.21	30.75	56.08	86.84
R.Fadda	ReachM1	3061.257	Tr=200 anni	11.65	105.90	106.15	106.38	0.021596	2.11	5.51	30.95	56.01	86.96
R.Fadda	ReachM1	3061.257	Tr=500 anni	13.01	105.90	106.16	106.42	0.022314	2.22	5.85	31.17	55.93	87.09
R.Fadda	ReachM1	3031.196	Tr=50 anni	9.63	105.42	105.74	105.88	0.010356	1.62	5.93	28.45	33.96	62.40
R.Fadda	ReachM1	3031.196	Tr=100 anni	10.64	105.42	105.76	105.90	0.010348	1.69	6.31	28.62	33.85	62.47
R.Fadda	ReachM1	3031.196	Tr=200 anni	11.65	105.42	105.77	105.93	0.010348	1.74	6.68	28.79	33.74	62.53
R.Fadda	ReachM1	3031.196	Tr=500 anni	13.01	105.42	105.79	105.96	0.010206	1.81	7.19	29.02	33.59	62.61
R.Fadda	ReachM1	2984.258	Tr=50 anni	9.63	103.57	103.82	104.70	0.095951	4.17	2.31	14.34	63.66	78.00
R.Fadda	ReachM1	2984.258	Tr=100 anni	10.64	103.57	103.83	104.74	0.089926	4.22	2.52	14.59	63.55	78.14
R.Fadda	ReachM1	2984.258	Tr=200 anni	11.65	103.57	103.85	104.78	0.086342	4.27	2.73	15.06	63.23	78.28
R.Fadda	ReachM1	2984.258	Tr=500 anni	13.01	103.57	103.87	104.82	0.083714	4.34	3.00	15.82	62.64	78.46
R.Fadda	ReachM1	2941.722	Tr=50 anni	9.63	102.86	103.24	103.43	0.011332	1.89	5.10	20.85	73.84	94.70
R.Fadda	ReachM1	2941.722	Tr=100 anni	10.64	102.86	103.26	103.46	0.011676	1.97	5.39	21.16	73.72	94.87
R.Fadda	ReachM1	2941.722	Tr=200 anni	11.65	102.86	103.27	103.49	0.011912	2.05	5.68	21.38	73.59	94.97
R.Fadda	ReachM1	2941.722	Tr=500 anni	13.01	102.86	103.29	103.52	0.012137	2.14	6.07	21.67	73.43	95.10

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Fadda	ReachM1	2908.457	Tr=50 anni	9.63	101.55	101.94	102.66	0.055299	3.75	2.57	12.36	68.92	81.28
R.Fadda	ReachM1	2908.457	Tr=100 anni	10.64	101.55	101.96	102.68	0.052418	3.76	2.83	13.00	68.49	81.50
R.Fadda	ReachM1	2908.457	Tr=200 anni	11.65	101.55	101.98	102.72	0.049632	3.80	3.07	13.33	68.37	81.69
R.Fadda	ReachM1	2908.457	Tr=500 anni	13.01	101.55	102.01	102.76	0.046883	3.85	3.38	13.73	68.21	81.94
R.Fadda	ReachM1	2856.337	Tr=50 anni	9.63	100.06	100.90	101.15	0.015282	2.21	4.37	17.38	57.64	75.02
R.Fadda	ReachM1	2856.337	Tr=100 anni	10.64	100.06	100.92	101.19	0.015678	2.30	4.62	17.61	57.43	75.04
R.Fadda	ReachM1	2856.337	Tr=200 anni	11.65	100.06	100.93	101.22	0.016121	2.39	4.87	17.88	57.23	77.04
R.Fadda	ReachM1	2856.337	Tr=500 anni	13.01	100.06	100.95	101.27	0.016731	2.49	5.23	18.60	56.95	77.19
R.Fadda	ReachM1	2812.248	Tr=50 anni	9.63	99.34	99.83	100.20	0.031865	2.67	3.60	19.01	49.13	68.15
R.Fadda	ReachM1	2812.248	Tr=100 anni	10.64	99.34	99.85	100.23	0.031280	2.73	3.90	19.70	48.75	68.46
R.Fadda	ReachM1	2812.248	Tr=200 anni	11.65	99.34	99.86	100.26	0.030571	2.77	4.20	20.34	48.38	68.72
R.Fadda	ReachM1	2812.248	Tr=500 anni	13.01	99.34	99.88	100.29	0.029568	2.85	4.57	20.75	48.15	68.90
R.Fadda	ReachM1	2776.208	Tr=50 anni	9.63	98.78	99.08	99.29	0.018431	2.06	4.67	24.14	52.15	76.29
R.Fadda	ReachM1	2776.208	Tr=100 anni	10.64	98.78	99.09	99.32	0.018558	2.15	4.95	24.42	52.00	76.43
R.Fadda	ReachM1	2776.208	Tr=200 anni	11.65	98.78	99.10	99.35	0.019211	2.23	5.22	24.70	51.86	76.56
R.Fadda	ReachM1	2776.208	Tr=500 anni	13.01	98.78	99.11	99.39	0.019792	2.34	5.55	25.03	51.69	76.72
R.Fadda	ReachM1	2751.362	Tr=50 anni	9.63	97.68	98.48	98.84	0.017414	2.65	3.63	12.14	61.83	73.97
R.Fadda	ReachM1	2751.362	Tr=100 anni	10.64	97.68	98.51	98.87	0.016694	2.67	3.99	12.83	61.27	74.10
R.Fadda	ReachM1	2751.362	Tr=200 anni	11.65	97.68	98.53	98.90	0.016434	2.70	4.32	13.52	60.77	74.29
R.Fadda	ReachM1	2751.362	Tr=500 anni	13.01	97.68	98.57	98.93	0.016951	2.65	4.90	16.11	60.15	76.26
R.Fadda	ReachM1	2725.624	Tr=50 anni	9.63	94.48	94.60	97.10	2.292748	7.01	1.37	42.22	16.52	64.38
R.Fadda	ReachM1	2725.624	Tr=100 anni	10.64	94.48	94.60	97.18	2.387232	7.12	1.49	46.30	16.49	64.47
R.Fadda	ReachM1	2725.624	Tr=200 anni	11.65	94.48	94.60	97.24	2.229227	7.20	1.62	46.88	16.46	64.56
R.Fadda	ReachM1	2725.624	Tr=500 anni	13.01	94.48	94.61	97.24	1.966360	7.19	1.81	47.75	16.42	64.70
R.Fadda	ReachM1	2701.855	Tr=50 anni	9.63	93.88	94.06	94.22	0.028326	1.77	5.45	49.13	56.03	105.16
R.Fadda	ReachM1	2701.855	Tr=100 anni	10.64	93.88	94.06	94.24	0.028777	1.84	5.77	49.42	55.87	105.29
R.Fadda	ReachM1	2701.855	Tr=200 anni	11.65	93.88	94.07	94.26	0.029382	1.92	6.08	49.90	53.99	105.42
R.Fadda	ReachM1	2701.855	Tr=500 anni	13.01	93.88	94.08	94.28	0.029562	1.96	6.63	52.61	53.02	105.63
R.Fadda	ReachM1	2674.928	Tr=50 anni	9.63	93.28	93.56	93.70	0.013676	1.65	5.85	33.91	53.35	91.88
R.Fadda	ReachM1	2674.928	Tr=100 anni	10.64	93.28	93.57	93.72	0.013449	1.69	6.30	34.78	53.10	92.21
R.Fadda	ReachM1	2674.928	Tr=200 anni	11.65	93.28	93.59	93.74	0.013206	1.72	6.76	35.60	52.87	92.50
R.Fadda	ReachM1	2674.928	Tr=500 anni	13.01	93.28	93.60	93.76	0.012939	1.77	7.34	36.60	52.58	92.83
R.Fadda	ReachM1	2650.987	Tr=50 anni	9.63	92.83	93.13	93.31	0.019928	1.83	5.26	34.38	43.69	88.39
R.Fadda	ReachM1	2650.987	Tr=100 anni	10.64	92.83	93.14	93.33	0.019885	1.89	5.62	34.99	43.57	88.80
R.Fadda	ReachM1	2650.987	Tr=200 anni	11.65	92.83	93.16	93.35	0.019988	1.95	5.99	35.89	43.45	89.32
R.Fadda	ReachM1	2650.987	Tr=500 anni	13.01	92.83	93.17	93.37	0.020151	2.01	6.48	37.31	43.30	89.99
R.Fadda	ReachM1	2627.205	Tr=50 anni	9.63	91.98	92.67	92.86	0.017132	1.93	4.99	26.90	56.52	93.89
R.Fadda	ReachM1	2627.205	Tr=100 anni	10.64	91.98	92.69	92.89	0.017339	1.97	5.41	28.63	56.37	94.35
R.Fadda	ReachM1	2627.205	Tr=200 anni	11.65	91.98	92.71	92.91	0.017118	1.98	5.88	30.49	56.21	94.83
R.Fadda	ReachM1	2627.205	Tr=500 anni	13.01	91.98	92.72	92.93	0.017355	2.01	6.49	33.31	55.81	95.40
R.Fadda	ReachM1	2600.226	Tr=50 anni	9.63	82.64	84.20	84.21	0.000043	0.32	30.32	27.14	37.38	64.52
R.Fadda	ReachM1	2600.226	Tr=100 anni	10.64	82.64	84.24	84.24	0.000049	0.34	31.16	27.34	37.34	64.68
R.Fadda	ReachM1	2600.226	Tr=200 anni	11.65	82.64	84.27	84.27	0.000054	0.36	31.97	27.51	37.30	64.81
R.Fadda	ReachM1	2600.226	Tr=500 anni	13.01	82.64	84.30	84.31	0.000061	0.39	33.01	27.61	37.26	64.87
R.Fadda	ReachM1	2575.825	Tr=50 anni	9.63	80.54	84.21	84.21	0.000002	0.10	94.35	37.94	21.17	59.11
R.Fadda	ReachM1	2575.825	Tr=100 anni	10.64	80.54	84.24	84.24	0.000002	0.11	95.55	38.05	21.12	59.17
R.Fadda	ReachM1	2575.825	Tr=200 anni	11.65	80.54	84.27	84.27	0.000002	0.12	96.69	38.15	21.08	59.23
R.Fadda	ReachM1	2575.825	Tr=500 anni	13.01	80.54	84.31	84.31	0.000003	0.13	98.15	38.28	21.02	59.30
R.Fadda	ReachM1	2550.688	Tr=50 anni	9.63	80.24	84.21	84.21	0.000002	0.10	92.78	45.31	11.68	87.49
R.Fadda	ReachM1	2550.688	Tr=100 anni	10.64	80.24	84.24	84.24	0.000002	0.11	94.22	46.08	11.31	87.68
R.Fadda	ReachM1	2550.688	Tr=200 anni	11.65	80.24	84.27	84.27	0.000003	0.12	95.61	46.82	10.97	87.87
R.Fadda	ReachM1	2550.688	Tr=500 anni	13.01	80.24	84.31	84.31	0.000003	0.13	97.42	47.77	10.53	88.13
R.Fadda	ReachM1	2519.167	Tr=50 anni	9.63	80.86	84.21	84.21	0.000001	0.07	133.77	66.23	21.38	87.61
R.Fadda	ReachM1	2519.167	Tr=100 anni	10.64	80.86	84.24	84.24	0.000001	0.08	135.85	66.34	21.30	87.64
R.Fadda	ReachM1	2519.167	Tr=200 anni	11.65	80.86	84.27	84.27	0.000001	0.08	137.85	66.44	21.22	87.67
R.Fadda	ReachM1	2519.167	Tr=500 anni	13.01	80.86	84.31	84.31	0.000002	0.09	140.40	66.58	21.12	87.70
R.Fadda	ReachM1	2474.756	Tr=50 anni	9.63	81.33	84.21	84.21	0.000004	0.11	84.12	57.56	29.32	96.25
R.Fadda	ReachM1	2474.756	Tr=100 anni	10.64	81.33	84.24	84.24	0.000005	0.12	85.96	59.80	29.20	96.37
R.Fadda	ReachM1	2474.756	Tr=200 anni	11.65	81.33	84.27	84.27	0.000006	0.13	87.81	63.50	29.09	96.49
R.Fadda	ReachM1	2474.756	Tr=500 anni	13.01	81.33	84.31	84.31	0.000007	0.14	90.26	64.53	28.94	96.62
R.Fadda	ReachM1	2450.635	Tr=50 anni	9.63	83.29	84.14	84.20	0.002374	1.11	8.69	24.38	60.31	84.69
R.Fadda	ReachM1	2450.635	Tr=100 anni	10.64	83.29	84.17	84.23	0.002314	1.13	9.38	24.95	59.91	84.85
R.Fadda	ReachM1	2450.635	Tr=200 anni	11.65	83.29	84.19	84.26	0.002259	1.16	10.06	25.49	59.52	85.01
R.Fadda	ReachM1	2450.635	Tr=500 anni	13.01	83.29	84.23	84.30	0.002234	1.19	10.96	26.50	58.72	85.22
R.Fadda	ReachM1	2420.032	Tr=50 anni	9.63	83.36	84.11	84.15	0.001050	0.93	10.40	20.79	53.03	73.82
R.Fadda	ReachM1	2420.032	Tr=100 anni	10.64	83.36	84.13	84.18	0.001101	0.97	10.95	21.08	52.88	73.96
R.Fadda	ReachM1	2420.032	Tr=200 anni	11.65	83.36	84.16	84.21	0.001145	1.01	11.49	21.36	52.74	74.10
R.Fadda	ReachM1	2420.032	Tr=500 anni	13.01	83.36	84.19	84.25	0.001204	1.07	12.17	21.70	52.58	74.28
R.Fadda	ReachM1	2402.028	Tr=50 anni	9.63	83.43	83.95	84.10	0.007457	1.71	5.64	19.61	50.33	69.94
R.Fadda	ReachM1	2402.028	Tr=100 anni	10.64	83.43	83.98	84.13	0.007185	1.74	6.12	20.16	50.06	70.22
R.Fadda	ReachM1	2402.028	Tr=200 anni	11.65	83.43	84.00	84.16	0.007150	1.78	6.55	20.74	49.77	70.51
R.Fadda	ReachM1	2402.028	Tr=500 anni	13.01	83.43	84.02	84.19	0.007032	1.82	7.14	21.53	49.38	70.91

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Fadda	ReachM1	2376.123	Tr=50 anni	9.63	82.50	82.81	83.60	0.066119	3.94	2.44	12.47	75.63	88.09
R.Fadda	ReachM1	2376.123	Tr=100 anni	10.64	82.50	82.83	83.65	0.063783	4.00	2.66	12.87	75.35	88.21
R.Fadda	ReachM1	2376.123	Tr=200 anni	11.65	82.50	82.85	83.68	0.060613	4.05	2.88	13.22	75.12	88.34
R.Fadda	ReachM1	2376.123	Tr=500 anni	13.01	82.50	82.87	83.73	0.056583	4.10	3.17	13.53	74.96	88.49
R.Fadda	ReachM1	2348.036	Tr=50 anni	9.63	81.90	82.24	82.51	0.020114	2.30	4.19	19.66	58.10	77.76
R.Fadda	ReachM1	2348.036	Tr=100 anni	10.64	81.90	82.25	82.54	0.020657	2.39	4.44	20.01	57.94	77.94
R.Fadda	ReachM1	2348.036	Tr=200 anni	11.65	81.90	82.26	82.58	0.021272	2.49	4.68	20.33	57.79	78.11
R.Fadda	ReachM1	2348.036	Tr=500 anni	13.01	81.90	82.28	82.63	0.022298	2.62	4.97	20.71	57.60	78.31
R.Fadda	ReachM1	2303.008	Tr=50 anni	9.63	80.96	81.51	81.84	0.011325	2.55	3.78	9.78	88.34	98.12
R.Fadda	ReachM1	2303.008	Tr=100 anni	10.64	80.96	81.54	81.88	0.010894	2.58	4.13	10.20	88.03	98.23
R.Fadda	ReachM1	2303.008	Tr=200 anni	11.65	80.96	81.58	81.92	0.010620	2.59	4.49	10.78	87.72	98.50
R.Fadda	ReachM1	2303.008	Tr=500 anni	13.01	80.96	81.66	81.94	0.010498	2.38	5.47	14.84	87.02	101.87
R.Fadda	ReachM1	2272.484	Tr=50 anni	15.21	80.53	81.06	81.41	0.016379	2.60	5.84	19.43	69.60	89.03
R.Fadda	ReachM1	2272.484	Tr=100 anni	16.80	80.53	81.08	81.45	0.016654	2.70	6.21	19.76	69.56	89.32
R.Fadda	ReachM1	2272.484	Tr=200 anni	18.40	80.53	81.10	81.49	0.016567	2.78	6.62	20.12	69.52	89.64
R.Fadda	ReachM1	2272.484	Tr=500 anni	20.55	80.53	81.14	81.53	0.015119	2.79	7.35	20.70	69.44	90.15
R.Fadda	ReachM1	2229.907	Tr=50 anni	15.21	79.68	80.16	80.58	0.023032	2.87	5.29	19.64	59.08	78.72
R.Fadda	ReachM1	2229.907	Tr=100 anni	16.80	79.68	80.18	80.62	0.022918	2.93	5.73	20.54	58.72	79.26
R.Fadda	ReachM1	2229.907	Tr=200 anni	18.40	79.68	80.20	80.66	0.023069	3.01	6.12	21.24	58.41	79.64
R.Fadda	ReachM1	2229.907	Tr=500 anni	20.55	79.68	80.22	80.72	0.023953	3.15	6.53	21.79	58.17	79.97
R.Fadda	ReachM1	2204.729	Tr=50 anni	15.21	78.65	79.29	79.94	0.026500	3.55	4.28	12.75	53.72	66.48
R.Fadda	ReachM1	2204.729	Tr=100 anni	16.80	78.65	79.32	79.98	0.025992	3.60	4.67	13.43	53.64	67.06
R.Fadda	ReachM1	2204.729	Tr=200 anni	18.40	78.65	79.35	80.03	0.025548	3.65	5.04	14.06	53.56	67.62
R.Fadda	ReachM1	2204.729	Tr=500 anni	20.55	78.65	79.38	80.09	0.025134	3.71	5.54	14.84	53.46	68.29
R.Fadda	ReachM1	2172.622	Tr=50 anni	15.21	78.16	78.94	79.33	0.011225	2.77	5.48	12.42	58.45	70.87
R.Fadda	ReachM1	2172.622	Tr=100 anni	16.80	78.16	78.97	79.39	0.011139	2.85	5.89	12.72	58.27	70.99
R.Fadda	ReachM1	2172.622	Tr=200 anni	18.40	78.16	79.00	79.44	0.011039	2.92	6.30	13.02	58.09	71.11
R.Fadda	ReachM1	2172.622	Tr=500 anni	20.55	78.16	79.05	79.50	0.010924	2.99	6.87	13.59	57.69	71.28
R.Fadda	ReachM1	2126.25	Tr=50 anni	15.21	77.34	77.89	78.53	0.028169	3.52	4.32	13.89	52.89	66.58
R.Fadda	ReachM1	2126.25	Tr=100 anni	16.80	77.34	77.92	78.59	0.027875	3.63	4.63	13.94	52.80	66.74
R.Fadda	ReachM1	2126.25	Tr=200 anni	18.40	77.34	77.94	78.65	0.027581	3.72	4.94	14.19	52.71	66.90
R.Fadda	ReachM1	2126.25	Tr=500 anni	20.55	77.34	77.97	78.72	0.026955	3.83	5.36	14.51	52.60	67.11
R.Fadda	ReachM1	2098.083	Tr=50 anni	15.21	76.41	77.03	77.59	0.037996	3.33	4.56	19.70	70.80	90.50
R.Fadda	ReachM1	2098.083	Tr=100 anni	16.80	76.41	77.04	77.64	0.039078	3.44	4.89	20.61	70.62	91.23
R.Fadda	ReachM1	2098.083	Tr=200 anni	18.40	76.41	77.06	77.70	0.039877	3.56	5.16	20.92	70.47	91.39
R.Fadda	ReachM1	2098.083	Tr=500 anni	20.55	76.41	77.07	77.78	0.040925	3.73	5.52	21.31	70.29	91.60
R.Fadda	ReachM1	2055.79	Tr=50 anni	15.21	75.69	76.17	76.55	0.015813	2.74	5.56	16.73	89.14	105.88
R.Fadda	ReachM1	2055.79	Tr=100 anni	16.80	75.69	76.19	76.59	0.015584	2.81	5.99	17.15	89.00	106.16
R.Fadda	ReachM1	2055.79	Tr=200 anni	18.40	75.69	76.21	76.64	0.015536	2.89	6.38	17.49	88.88	106.36
R.Fadda	ReachM1	2055.79	Tr=500 anni	20.55	75.69	76.24	76.70	0.015515	2.99	6.88	17.88	88.72	106.60
R.Fadda	ReachM1	2027.833	Tr=50 anni	15.21	74.58	75.16	75.91	0.030576	3.85	3.95	11.65	105.94	117.59
R.Fadda	ReachM1	2027.833	Tr=100 anni	16.80	74.58	75.19	75.97	0.029633	3.92	4.29	11.99	105.76	117.75
R.Fadda	ReachM1	2027.833	Tr=200 anni	18.40	74.58	75.22	76.02	0.028724	3.98	4.62	12.32	105.59	117.91
R.Fadda	ReachM1	2027.833	Tr=500 anni	20.55	74.58	75.25	76.09	0.028034	4.05	5.07	12.93	105.37	118.30
R.Fadda	ReachM1	1976.102	Tr=50 anni	15.21	72.13	73.31	73.37	0.000784	1.08	14.03	17.53	103.51	121.04
R.Fadda	ReachM1	1976.102	Tr=100 anni	16.80	72.13	73.34	73.41	0.000857	1.15	14.58	17.75	103.37	121.12
R.Fadda	ReachM1	1976.102	Tr=200 anni	18.40	72.13	72.60	73.88	0.061613	5.01	3.67	12.35	107.34	119.69
R.Fadda	ReachM1	1976.102	Tr=500 anni	20.55	72.13	72.63	73.99	0.060178	5.17	3.97	12.49	107.24	119.73
R.Fadda	ReachM1	1940.685	Tr=50 anni	15.21	72.68	73.12	73.29	0.006811	1.83	8.29	24.21	112.12	138.00
R.Fadda	ReachM1	1940.685	Tr=100 anni	16.80	72.68	73.15	73.33	0.006891	1.87	8.98	25.65	111.97	138.47
R.Fadda	ReachM1	1940.685	Tr=200 anni	18.40	72.68	73.18	73.36	0.006749	1.88	9.78	27.28	108.64	138.99
R.Fadda	ReachM1	1940.685	Tr=500 anni	20.55	72.68	73.22	73.40	0.006731	1.91	10.76	29.28	108.10	139.59
R.Fadda	ReachM1	1929.508	Tr=50 anni	15.21	71.54	72.04	73.04	0.058009	4.44	3.42	13.03	53.34	66.37
R.Fadda	ReachM1	1929.508	Tr=100 anni	16.80	71.54	72.06	73.08	0.052840	4.47	3.76	13.23	53.30	66.53
R.Fadda	ReachM1	1929.508	Tr=200 anni	18.40	71.54	72.09	73.12	0.048748	4.50	4.09	13.42	53.25	66.68
R.Fadda	ReachM1	1929.508	Tr=500 anni	20.55	71.54	72.12	73.16	0.043868	4.52	4.55	13.68	53.20	66.88
R.Fadda	ReachM1	1913.446	Tr=50 anni	15.21	70.84	71.33	72.27	0.038522	4.31	3.53	10.41	45.40	55.81
R.Fadda	ReachM1	1913.446	Tr=100 anni	16.80	70.84	71.35	72.36	0.038389	4.45	3.78	10.60	45.28	55.88
R.Fadda	ReachM1	1913.446	Tr=200 anni	18.40	70.84	71.37	72.43	0.037743	4.55	4.04	10.81	45.15	55.96
R.Fadda	ReachM1	1913.446	Tr=500 anni	20.55	70.84	71.41	72.51	0.036333	4.66	4.41	11.08	44.99	56.06
R.Fadda	ReachM1	1880.702	Tr=50 anni	15.21	69.67	70.44	71.29	0.023035	4.08	3.73	7.98	33.36	41.33
R.Fadda	ReachM1	1880.702	Tr=100 anni	16.80	69.67	70.48	71.36	0.022931	4.18	4.02	8.28	33.28	41.56
R.Fadda	ReachM1	1880.702	Tr=200 anni	18.40	69.67	70.51	71.44	0.023033	4.28	4.30	8.55	33.21	41.76
R.Fadda	ReachM1	1880.702	Tr=500 anni	20.55	69.67	70.55	71.54	0.023242	4.40	4.67	8.96	33.12	42.09
R.Fadda	ReachM1	1860.072	Tr=50 anni	15.21	69.27	70.01	70.73	0.027896	3.75	4.06	11.52	25.87	37.39
R.Fadda	ReachM1	1860.072	Tr=100 anni	16.80	69.27	70.03	70.80	0.028703	3.89	4.32	11.89	25.58	37.47
R.Fadda	ReachM1	1860.072	Tr=200 anni	18.40	69.27	70.05	70.88	0.029100	4.02	4.58	12.10	25.44	37.54
R.Fadda	ReachM1	1860.072	Tr=500 anni	20.55	69.27	70.08	70.97	0.029373	4.17	4.93	12.38	25.25	37.63
R.Fadda	ReachM1	1842.873	Tr=50 anni	15.21	69.03	69.39	70.14	0.042378	3.82	3.98	15.19	66.15	81.35
R.Fadda	ReachM1	1842.873	Tr=100 anni	16.80	69.03	69.41	70.21	0.041994	3.95	4.26	15.38	66.02	81.41
R.Fadda	ReachM1	1842.873	Tr=200 anni	18.40	69.03	69.43	70.28	0.042005	4.07	4.52	15.56	65.90	81.46
R.Fadda	ReachM1	1842.873	Tr=500 anni	20.55	69.03	69.45	70.36	0.042142	4.23	4.86	15.84	65.70	81.53
R.Fadda	ReachM1	1800.044	Tr=50 anni	15.21	68.02	68.43	68.69	0.023018	2.25	6.77	36.40	67.14	103.56

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.Fadda	ReachM1	1800.044	Tr=100 anni	16.80	68.02	68.44	68.72	0.023995	2.36	7.11	36.50	67.09	103.59
R.Fadda	ReachM1	1800.044	Tr=200 anni	18.40	68.02	68.45	68.76	0.024810	2.47	7.44	36.59	67.03	103.62
R.Fadda	ReachM1	1800.044	Tr=500 anni	20.55	68.02	68.46	68.81	0.025687	2.61	7.88	36.70	66.96	103.66
R.Fadda	ReachM1	1760.683	Tr=50 anni	15.21	66.43	67.27	67.84	0.018612	3.35	4.54	11.19	193.24	204.44
R.Fadda	ReachM1	1760.683	Tr=100 anni	16.80	66.43	67.31	67.89	0.017532	3.38	4.97	11.55	192.95	204.50
R.Fadda	ReachM1	1760.683	Tr=200 anni	18.40	66.43	67.34	67.94	0.016731	3.42	5.38	11.89	192.68	204.57
R.Fadda	ReachM1	1760.683	Tr=500 anni	20.55	66.43	67.40	67.99	0.016356	3.40	6.05	13.26	191.40	204.66
R.Fadda	ReachM1	1726.965	Tr=50 anni	15.21	65.11	65.57	66.71	0.067364	4.72	3.22	12.61	144.94	157.55
R.Fadda	ReachM1	1726.965	Tr=100 anni	16.80	65.11	65.59	66.79	0.066972	4.87	3.45	12.87	144.74	157.61
R.Fadda	ReachM1	1726.965	Tr=200 anni	18.40	65.11	65.61	66.87	0.066234	4.99	3.69	13.14	144.53	157.67
R.Fadda	ReachM1	1726.965	Tr=500 anni	20.55	65.11	65.63	66.95	0.062999	5.08	4.05	13.52	144.19	157.72
R.Fadda	ReachM1	1692.168	Tr=50 anni	15.21	64.59	65.30	65.77	0.010166	3.04	5.01	9.01	64.26	73.27
R.Fadda	ReachM1	1692.168	Tr=100 anni	16.80	64.59	65.34	65.84	0.010322	3.14	5.34	9.23	64.11	73.34
R.Fadda	ReachM1	1692.168	Tr=200 anni	18.40	64.59	65.38	65.91	0.010432	3.24	5.68	9.45	63.96	73.41
R.Fadda	ReachM1	1692.168	Tr=500 anni	20.55	64.59	65.43	65.99	0.010363	3.34	6.16	9.75	63.76	73.50
R.Fadda	ReachM1	1638.834	Tr=50 anni	15.21	63.78	65.21	65.23	0.000154	0.53	28.67	31.10	43.56	74.66
R.Fadda	ReachM1	1638.834	Tr=100 anni	16.80	63.78	65.24	65.25	0.000177	0.57	29.38	31.63	43.33	74.96
R.Fadda	ReachM1	1638.834	Tr=200 anni	18.40	63.78	65.26	65.28	0.000201	0.61	30.07	32.14	43.15	75.29
R.Fadda	ReachM1	1638.834	Tr=500 anni	20.55	63.78	65.28	65.31	0.000234	0.66	30.92	32.71	43.00	75.71
R.Fadda	ReachM1	1579.245	Tr=50 anni	15.21	63.01	65.22	65.22	0.000014	0.20	75.57	57.00	48.71	105.71
R.Fadda	ReachM1	1579.245	Tr=100 anni	16.80	63.01	65.24	65.25	0.000016	0.22	76.93	57.28	48.61	105.88
R.Fadda	ReachM1	1579.245	Tr=200 anni	18.40	63.01	65.27	65.27	0.000018	0.24	78.22	57.54	48.50	106.04
R.Fadda	ReachM1	1579.245	Tr=500 anni	20.55	63.01	65.30	65.30	0.000021	0.26	79.83	57.87	48.38	106.24
R.Fadda	ReachM1	1539.42	Tr=50 anni	16.87	63.42	65.21	65.22	0.000124	0.35	47.53	80.30	32.11	115.45
R.Fadda	ReachM1	1539.42	Tr=100 anni	18.64	63.42	65.24	65.25	0.000139	0.38	49.42	83.27	31.46	116.10
R.Fadda	ReachM1	1539.42	Tr=200 anni	20.41	63.42	65.26	65.27	0.000154	0.40	51.28	85.97	30.74	116.71
R.Fadda	ReachM1	1539.42	Tr=500 anni	22.79	63.42	65.29	65.30	0.000170	0.42	53.63	87.75	29.21	116.96
R.Fadda	ReachM1	1498.404	Tr=50 anni	16.87	64.30	65.08	65.19	0.007823	1.50	11.26	49.25	27.81	79.60
R.Fadda	ReachM1	1498.404	Tr=100 anni	18.64	64.30	65.11	65.22	0.007838	1.47	12.68	57.19	26.26	85.38
R.Fadda	ReachM1	1498.404	Tr=200 anni	20.41	64.30	65.12	65.24	0.007931	1.51	13.49	58.79	25.32	85.61
R.Fadda	ReachM1	1498.404	Tr=500 anni	22.79	64.30	65.14	65.26	0.007742	1.55	14.74	61.08	24.01	85.96
R.Fadda	ReachM1	1445.609	Tr=50 anni	16.87	61.48	62.10	64.08	0.069129	6.24	2.70	6.99	126.19	133.18
R.Fadda	ReachM1	1445.609	Tr=100 anni	18.64	61.48	62.14	64.10	0.062690	6.20	3.00	7.26	125.99	133.25
R.Fadda	ReachM1	1445.609	Tr=200 anni	20.41	61.48	62.18	64.16	0.058748	6.23	3.28	7.50	125.82	133.32
R.Fadda	ReachM1	1445.609	Tr=500 anni	22.79	61.48	62.23	64.21	0.053901	6.23	3.66	7.82	125.58	133.40
R.Fadda	ReachM1	1389.173	Tr=50 anni	16.87	58.36	58.80	59.86	0.070649	4.57	3.69	15.70	164.32	185.06
R.Fadda	ReachM1	1389.173	Tr=100 anni	18.64	58.36	58.81	60.00	0.075505	4.83	3.86	15.90	164.25	185.10
R.Fadda	ReachM1	1389.173	Tr=200 anni	20.41	58.36	58.82	60.12	0.079361	5.06	4.03	16.11	164.19	185.15
R.Fadda	ReachM1	1389.173	Tr=500 anni	22.79	58.36	58.84	60.28	0.085028	5.32	4.28	16.68	164.10	185.22
R.Fadda	ReachM1	1347.59	Tr=50 anni	16.87	54.03	57.50	57.50	0.000023	0.34	49.08	23.14	30.98	54.13
R.Fadda	ReachM1	1347.59	Tr=100 anni	18.64	54.03	57.53	57.54	0.000027	0.37	49.92	23.29	30.92	54.20
R.Fadda	ReachM1	1347.59	Tr=200 anni	20.41	54.03	57.57	57.58	0.000030	0.40	50.81	23.44	30.84	54.28
R.Fadda	ReachM1	1347.59	Tr=500 anni	22.79	54.03	57.62	57.63	0.000036	0.44	51.89	23.62	30.76	54.38
R.Fadda	ReachM1	1315.252	Tr=50 anni	16.87	55.81	57.46	57.50	0.000397	0.83	20.25	22.49	18.63	41.12
R.Fadda	ReachM1	1315.252	Tr=100 anni	18.64	55.81	57.49	57.53	0.000436	0.89	20.97	22.62	18.56	41.17
R.Fadda	ReachM1	1315.252	Tr=200 anni	20.41	55.81	57.53	57.57	0.000468	0.94	21.73	22.75	18.48	41.24
R.Fadda	ReachM1	1315.252	Tr=500 anni	22.79	55.81	57.57	57.62	0.000515	1.01	22.64	22.94	18.38	41.31
R.Fadda	ReachM1	1278.769	Tr=50 anni	16.87	55.88	57.26	57.44	0.007735	1.89	8.94	26.87	33.97	60.84
R.Fadda	ReachM1	1278.769	Tr=100 anni	18.64	55.88	57.30	57.48	0.006902	1.89	9.85	27.02	33.86	60.88
R.Fadda	ReachM1	1278.769	Tr=200 anni	20.41	55.88	57.31	57.51	0.007167	1.98	10.29	27.09	33.81	60.90
R.Fadda	ReachM1	1278.769	Tr=500 anni	22.79	55.88	57.35	57.56	0.006616	2.02	11.29	27.25	33.69	60.94
R.Fadda	ReachM1	1217.914	Tr=50 anni	16.87	52.73	53.23	55.99	0.130888	7.36	2.29	7.57	84.38	91.94
R.Fadda	ReachM1	1217.914	Tr=100 anni	18.64	52.73	53.26	56.03	0.121978	7.37	2.53	7.89	84.18	92.07
R.Fadda	ReachM1	1217.914	Tr=200 anni	20.41	52.73	53.29	56.13	0.117788	7.46	2.73	8.16	84.01	92.17
R.Fadda	ReachM1	1217.914	Tr=500 anni	22.79	52.73	53.33	56.21	0.110784	7.52	3.03	8.54	83.77	92.32
R.Fadda	ReachM1	1173.843	Tr=50 anni	16.87	51.75	52.53	53.37	0.023554	4.06	4.16	9.22	84.79	94.00
R.Fadda	ReachM1	1173.843	Tr=100 anni	18.64	51.75	52.57	53.45	0.023799	4.17	4.47	9.58	84.52	94.10
R.Fadda	ReachM1	1173.843	Tr=200 anni	20.41	51.75	52.60	53.53	0.024361	4.28	4.77	10.01	84.18	94.19
R.Fadda	ReachM1	1173.843	Tr=500 anni	22.79	51.75	52.64	53.62	0.024837	4.40	5.18	10.57	83.74	94.30
R.Fadda	ReachM1	1130.7	Tr=50 anni	16.87	51.49	51.99	52.27	0.019909	2.33	7.25	33.12	122.14	155.26
R.Fadda	ReachM1	1130.7	Tr=100 anni	18.64	51.49	52.00	52.31	0.021106	2.46	7.59	33.40	121.89	155.28
R.Fadda	ReachM1	1130.7	Tr=200 anni	20.41	51.49	52.01	52.35	0.022009	2.57	7.94	33.66	121.65	155.31
R.Fadda	ReachM1	1130.7	Tr=500 anni	22.79	51.49	52.03	52.40	0.023187	2.72	8.38	33.95	121.39	155.34
R.Fadda	ReachM1	1094.283	Tr=50 anni	16.87	50.31	50.62	51.07	0.061057	3.00	5.62	40.57	19.49	72.31
R.Fadda	ReachM1	1094.283	Tr=100 anni	18.64	50.31	50.63	51.10	0.057666	3.04	6.13	41.62	19.18	72.32
R.Fadda	ReachM1	1094.283	Tr=200 anni	20.41	50.31	50.64	51.13	0.055564	3.10	6.59	42.25	18.97	72.33
R.Fadda	ReachM1	1094.283	Tr=500 anni	22.79	50.31	50.65	51.17	0.053170	3.17	7.19	43.06	18.73	72.35
R.Fadda	ReachM1	1072.442	Tr=50 anni	16.87	49.57	50.00	50.28	0.021685	2.33	7.23	35.11	18.98	54.10
R.Fadda	ReachM1	1072.442	Tr=100 anni	18.64	49.57	50.01	50.31	0.022072	2.43	7.68	35.57	18.89	54.45
R.Fadda	ReachM1	1072.442	Tr=200 anni	20.41	49.57	50.02	50.35	0.022433	2.52	8.11	36.02	18.80	54.82
R.Fadda	ReachM1	1072.442	Tr=500 anni	22.79	49.57	50.04	50.39	0.022987	2.60	8.77	37.87	18.66	62.68
R.Fadda	ReachM1	993.2373	Tr=50 anni	16.87	47.93	48.50	48.68	0.018085	1.92	8.80	49.86	2.22	52.07
R.Fadda	ReachM1	993.2373	Tr=100 anni	18.64	47.93	48.51	48.71	0.017995	1.99	9.36	49.94	2.17	52.11

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Fadda	ReachM1	993.2373	Tr=200 anni	20.41	47.93	48.52	48.74	0.017845	2.06	9.91	50.01	2.13	52.14
R.Fadda	ReachM1	993.2373	Tr=500 anni	22.79	47.93	48.53	48.77	0.017588	2.14	10.65	50.12	2.07	52.19
R.Fadda	ReachM1	962.7737	Tr=50 anni	16.87	46.17	46.60	47.63	0.071372	4.49	3.76	16.60	29.35	45.95
R.Fadda	ReachM1	962.7737	Tr=100 anni	18.64	46.17	46.62	47.68	0.066285	4.56	4.09	16.70	29.28	45.98
R.Fadda	ReachM1	962.7737	Tr=200 anni	20.41	46.17	46.64	47.73	0.061933	4.62	4.42	16.81	29.21	46.01
R.Fadda	ReachM1	962.7737	Tr=500 anni	22.79	46.17	46.66	47.79	0.057418	4.71	4.84	16.94	29.12	46.06
R.Fadda	ReachM1	917.9055	Tr=50 anni	16.87	45.39	45.87	46.03	0.016255	1.78	9.49	55.74	37.94	158.96
R.Fadda	ReachM1	917.9055	Tr=100 anni	18.64	45.39	45.89	46.05	0.017285	1.76	10.57	65.85	37.87	159.00
R.Fadda	ReachM1	917.9055	Tr=200 anni	20.41	45.39	45.90	46.06	0.018439	1.81	11.27	70.85	37.83	159.03
R.Fadda	ReachM1	917.9055	Tr=500 anni	22.79	45.39	45.91	46.09	0.019960	1.85	12.30	79.20	37.78	159.06
R.Fadda	ReachM1	877.4924	Tr=50 anni	16.87	44.72	45.49	45.59	0.009272	1.41	11.96	65.32	78.48	145.14
R.Fadda	ReachM1	877.4924	Tr=100 anni	18.64	44.72	45.50	45.61	0.008915	1.43	13.01	67.41	78.29	145.71
R.Fadda	ReachM1	877.4924	Tr=200 anni	20.41	44.72	45.52	45.63	0.008445	1.46	14.02	68.13	78.12	146.24
R.Fadda	ReachM1	877.4924	Tr=500 anni	22.79	44.72	45.54	45.65	0.008191	1.50	15.19	68.94	77.92	146.86
R.Fadda	ReachM1	742.4912	Tr=50 anni	16.87	36.99	37.60	41.94	0.154258	9.23	1.83	4.67	135.92	140.59
R.Fadda	ReachM1	742.4912	Tr=100 anni	18.64	36.99	37.63	42.18	0.153328	9.46	1.97	4.83	135.86	140.69
R.Fadda	ReachM1	742.4912	Tr=200 anni	20.41	36.99	37.66	42.23	0.144113	9.46	2.16	5.04	135.78	140.82
R.Fadda	ReachM1	742.4912	Tr=500 anni	22.79	36.99	37.71	42.35	0.136331	9.54	2.39	5.28	135.69	140.97
R.Fadda	ReachM2	697.1476	Tr=50 anni	25.27	36.33	37.12	38.68	0.032910	5.53	4.57	8.04	162.79	170.83
R.Fadda	ReachM2	697.1476	Tr=100 anni	27.91	36.33	37.15	38.84	0.033933	5.76	4.85	8.21	162.68	170.89
R.Fadda	ReachM2	697.1476	Tr=200 anni	30.57	36.33	37.19	38.97	0.033615	5.90	5.18	8.41	162.56	170.96
R.Fadda	ReachM2	697.1476	Tr=500 anni	34.14	36.33	37.24	39.13	0.033600	6.09	5.61	8.65	162.40	171.05
R.Fadda	ReachM2	609.8168	Tr=50 anni	25.27	34.52	35.40	36.16	0.021237	3.86	6.54	14.22	122.32	147.80
R.Fadda	ReachM2	609.8168	Tr=100 anni	27.91	34.52	35.43	36.24	0.021656	4.00	6.97	14.58	122.23	147.91
R.Fadda	ReachM2	609.8168	Tr=200 anni	30.57	34.52	35.45	36.33	0.022291	4.15	7.36	14.89	122.15	148.00
R.Fadda	ReachM2	609.8168	Tr=500 anni	34.14	34.52	35.49	36.44	0.023073	4.32	7.90	15.42	122.07	148.27
R.Fadda	ReachM2	557.1723	Tr=50 anni	25.27	33.88	35.20	35.58	0.005461	2.74	9.23	12.12	157.97	170.10
R.Fadda	ReachM2	557.1723	Tr=100 anni	27.91	33.88	35.26	35.66	0.005376	2.80	9.96	12.49	157.70	170.19
R.Fadda	ReachM2	557.1723	Tr=200 anni	30.57	33.88	35.32	35.74	0.005311	2.86	10.68	12.84	157.43	170.27
R.Fadda	ReachM2	557.1723	Tr=500 anni	34.14	33.88	35.39	35.83	0.005234	2.94	11.63	13.28	157.10	170.38
R.Fadda	ReachM2	529.282	Tr=50 anni	25.27	33.90	34.74	35.22	0.053891	3.08	8.21	51.93	95.98	154.75
R.Fadda	ReachM2	529.282	Tr=100 anni	27.91	33.90	34.75	35.29	0.058894	3.28	8.52	52.51	95.90	154.85
R.Fadda	ReachM2	529.282	Tr=200 anni	30.57	33.90	34.75	35.36	0.063601	3.45	8.85	53.38	95.82	154.96
R.Fadda	ReachM2	529.282	Tr=500 anni	34.14	33.90	34.76	35.45	0.069885	3.67	9.31	55.14	95.71	155.11
R.Fadda	ReachM2	504.5479	Tr=50 anni	25.27	32.96	34.50	34.66	0.009604	1.76	14.39	57.58	84.32	148.09
R.Fadda	ReachM2	504.5479	Tr=100 anni	27.91	32.96	34.52	34.68	0.009973	1.81	15.45	60.96	84.21	148.23
R.Fadda	ReachM2	504.5479	Tr=200 anni	30.57	32.96	34.53	34.71	0.010386	1.89	16.20	61.69	84.13	148.33
R.Fadda	ReachM2	504.5479	Tr=500 anni	34.14	32.96	34.54	34.75	0.010902	1.99	17.14	62.44	84.03	148.46
R.Fadda	ReachM2	476.739	Tr=50 anni	25.27	33.30	34.13	34.36	0.011677	2.09	12.10	43.27	80.50	152.45
R.Fadda	ReachM2	476.739	Tr=100 anni	27.91	33.30	34.16	34.39	0.010949	2.11	13.22	44.38	80.24	152.50
R.Fadda	ReachM2	476.739	Tr=200 anni	30.57	33.30	34.19	34.42	0.010419	2.13	14.34	45.67	79.99	152.55
R.Fadda	ReachM2	476.739	Tr=500 anni	34.14	33.30	34.22	34.45	0.009980	2.15	15.85	48.11	79.66	152.95
R.Fadda	ReachM2	460.0804	Tr=50 anni	25.27	32.27	33.66	34.08	0.021395	2.88	8.79	30.28	98.42	173.64
R.Fadda	ReachM2	460.0804	Tr=100 anni	27.91	32.27	33.68	34.12	0.022181	2.92	9.57	33.26	98.02	217.58
R.Fadda	ReachM2	460.0804	Tr=200 anni	30.57	32.27	33.71	34.14	0.026628	2.89	10.58	42.88	97.59	218.86
R.Fadda	ReachM2	460.0804	Tr=500 anni	34.14	32.27	33.73	34.18	0.026254	2.95	11.57	44.98	97.24	219.03
R.Fadda	ReachM2	397.8456	Tr=50 anni	25.27	31.36	32.21	32.43	0.031062	2.10	12.02	88.89	71.12	204.26
R.Fadda	ReachM2	397.8456	Tr=100 anni	27.91	31.36	32.22	32.45	0.030304	2.15	12.99	91.20	71.09	204.28
R.Fadda	ReachM2	397.8456	Tr=200 anni	30.57	31.36	32.23	32.46	0.025433	2.08	14.68	94.76	71.04	204.31
R.Fadda	ReachM2	397.8456	Tr=500 anni	34.14	31.36	32.25	32.48	0.026147	2.15	15.85	99.40	71.00	204.33
R.Fadda	ReachM3	354.7299	Tr=50 anni	56.24	29.95	30.44	30.92	0.036207	3.05	18.43	87.82	215.34	371.13
R.Fadda	ReachM3	354.7299	Tr=100 anni	62.12	29.95	30.46	30.96	0.035699	3.15	19.75	88.89	215.24	371.19
R.Fadda	ReachM3	354.7299	Tr=200 anni	68.05	29.95	30.47	31.02	0.036752	3.28	20.73	89.50	215.17	371.23
R.Fadda	ReachM3	354.7299	Tr=500 anni	75.98	29.95	30.49	31.05	0.035804	3.32	22.91	95.47	215.09	375.82
R.Fadda	ReachM3	322.3817	Tr=50 anni	56.24	29.39	30.57	30.69	0.008666	1.56	36.12	161.39	177.59	377.85
R.Fadda	ReachM3	322.3817	Tr=100 anni	62.12	29.39	30.58	30.72	0.008747	1.61	38.51	164.27	177.48	378.05
R.Fadda	ReachM3	322.3817	Tr=200 anni	68.05	29.39	30.60	30.74	0.008096	1.62	42.00	167.98	177.31	378.35
R.Fadda	ReachM3	322.3817	Tr=500 anni	75.98	29.39	30.63	30.77	0.007991	1.64	46.36	180.52	177.12	378.70
R.Fadda	ReachM3	295.7617	Tr=50 anni	56.24	28.97	30.18	30.40	0.014698	2.09	26.90	114.59	187.61	373.58
R.Fadda	ReachM3	295.7617	Tr=100 anni	62.12	28.97	30.21	30.42	0.013362	2.03	30.54	126.25	187.36	373.72
R.Fadda	ReachM3	295.7617	Tr=200 anni	68.05	28.97	30.22	30.45	0.014529	2.12	32.02	132.01	187.27	373.77
R.Fadda	ReachM3	295.7617	Tr=500 anni	75.98	28.97	30.25	30.48	0.014227	2.15	35.36	141.10	187.06	373.89
R.Fadda	ReachM3	256.0359	Tr=50 anni	56.24	28.94	29.90	30.01	0.006070	1.44	39.00	149.39	156.71	311.04
R.Fadda	ReachM3	256.0359	Tr=100 anni	62.12	28.94	29.87	30.04	0.011158	1.83	33.96	143.81	156.88	310.97
R.Fadda	ReachM3	256.0359	Tr=200 anni	68.05	28.94	29.94	30.06	0.006059	1.55	43.92	150.86	156.54	311.11
R.Fadda	ReachM3	256.0359	Tr=500 anni	75.98	28.94	29.91	30.10	0.011019	1.95	39.06	149.41	156.70	311.04
R.Fadda	ReachM3	223.683	Tr=50 anni	56.24	27.95	29.65	29.79	0.007604	1.63	34.46	129.27	150.49	322.20
R.Fadda	ReachM3	223.683	Tr=100 anni	62.12	27.95	29.68	29.81	0.007486	1.65	37.69	137.70	150.31	322.23
R.Fadda	ReachM3	223.683	Tr=200 anni	68.05	27.95	29.70	29.84	0.007514	1.69	40.35	142.85	150.18	322.25
R.Fadda	ReachM3	223.683	Tr=500 anni	75.98	27.95	29.72	29.87	0.007489	1.72	44.21	151.85	149.99	322.28
R.Fadda	ReachM3	198.8443	Tr=50 anni	56.24	27.64	29.00	29.41	0.033878	2.83	19.86	100.19	139.12	330.95
R.Fadda	ReachM3	198.8443	Tr=100 anni	62.12	27.64	29.02	29.44	0.032815	2.89	21.51	102.94	139.04	330.98
R.Fadda	ReachM3	198.8443	Tr=200 anni	68.05	27.64	29.04	29.47	0.031084	2.93	23.22	104.29	138.96	331.01

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Fadda	ReachM3	198.8443	Tr=500 anni	75.98	27.64	29.06	29.51	0.029230	2.99	25.41	105.77	138.85	331.05
R.Fadda	ReachM3	171.9253	Tr=50 anni	56.24	27.44	28.77	28.93	0.010666	1.78	31.54	133.89	135.31	340.97
R.Fadda	ReachM3	171.9253	Tr=100 anni	62.12	27.44	28.80	28.95	0.008765	1.73	35.82	136.90	135.13	341.01
R.Fadda	ReachM3	171.9253	Tr=200 anni	68.05	27.44	28.81	28.98	0.009182	1.82	37.39	137.57	135.06	341.02
R.Fadda	ReachM3	171.9253	Tr=500 anni	75.98	27.44	28.83	29.02	0.009598	1.92	39.59	139.08	134.97	341.04
R.Fadda	ReachM3	151.2846	Tr=50 anni	56.24	27.34	28.60	28.74	0.010596	1.71	32.95	148.87	136.39	365.22
R.Fadda	ReachM3	151.2846	Tr=100 anni	62.12	27.34	28.62	28.77	0.009313	1.70	36.54	150.73	136.27	365.26
R.Fadda	ReachM3	151.2846	Tr=200 anni	68.05	27.34	28.64	28.79	0.009003	1.74	39.14	152.21	136.18	365.30
R.Fadda	ReachM3	151.2846	Tr=500 anni	75.98	27.34	28.66	28.82	0.008730	1.79	42.38	153.85	136.07	365.34
R.Fadda	ReachM3	123.9747	Tr=50 anni	56.24	27.19	28.47	28.55	0.005453	1.21	46.39	212.96	129.23	388.57
R.Fadda	ReachM3	123.9747	Tr=100 anni	62.12	27.19	28.49	28.57	0.005238	1.24	49.99	214.80	129.19	388.58
R.Fadda	ReachM3	123.9747	Tr=200 anni	68.05	27.19	28.51	28.59	0.004961	1.27	53.78	215.70	129.15	388.60
R.Fadda	ReachM3	123.9747	Tr=500 anni	75.98	27.19	28.53	28.62	0.004635	1.29	58.85	217.53	129.09	388.62
R.Fadda	ReachM3	101.6092	Tr=50 anni	56.24	27.05	28.28	28.40	0.007574	1.56	36.12	236.05	116.71	369.87
R.Fadda	ReachM3	101.6092	Tr=100 anni	62.12	27.05	28.30	28.43	0.007338	1.60	38.72	237.87	116.67	370.49
R.Fadda	ReachM3	101.6092	Tr=200 anni	68.05	27.05	28.31	28.45	0.007212	1.65	41.12	240.45	116.63	386.50
R.Fadda	ReachM3	101.6092	Tr=500 anni	75.98	27.05	28.33	28.48	0.007044	1.72	44.25	240.98	116.61	263.00
R.Fadda	ReachM3	71.6459	Tr=50 anni	56.24	26.89	28.14	28.20	0.004423	1.09	51.40	235.05	112.93	423.75
R.Fadda	ReachM3	71.6459	Tr=100 anni	62.12	26.89	28.16	28.22	0.004413	1.13	55.12	240.78	112.89	423.84
R.Fadda	ReachM3	71.6459	Tr=200 anni	68.05	26.89	28.17	28.24	0.004415	1.16	58.70	245.82	112.86	423.93
R.Fadda	ReachM3	71.6459	Tr=500 anni	75.98	26.89	28.19	28.27	0.004417	1.20	63.17	250.46	112.82	424.03
R.Fadda	ReachM3	49.49495	Tr=50 anni	56.24	26.69	28.02	28.09	0.005396	1.24	45.34	199.30	103.35	424.69
R.Fadda	ReachM3	49.49495	Tr=100 anni	62.12	26.69	28.04	28.12	0.005057	1.24	50.00	208.92	101.85	424.79
R.Fadda	ReachM3	49.49495	Tr=200 anni	68.05	26.69	28.07	28.14	0.004555	1.21	56.03	223.98	101.39	424.91
R.Fadda	ReachM3	49.49495	Tr=500 anni	75.98	26.69	28.10	28.17	0.003999	1.20	63.40	234.53	100.94	425.05
R.Fadda	ReachM3	30.0783	Tr=50 anni	56.24	26.59	28.01	28.03	0.001232	0.71	78.91	263.46	102.89	472.61
R.Fadda	ReachM3	30.0783	Tr=100 anni	62.12	26.59	28.03	28.06	0.001177	0.73	85.40	267.24	102.81	472.70
R.Fadda	ReachM3	30.0783	Tr=200 anni	68.05	26.59	28.06	28.09	0.001073	0.73	93.23	270.63	102.72	472.80
R.Fadda	ReachM3	30.0783	Tr=500 anni	75.98	26.59	28.10	28.12	0.001013	0.74	102.24	276.70	102.61	472.92
R.delsCarres	ReachM1	1428.916	Tr=50 anni	0.91	129.32	129.57	129.63	0.009964	1.09	0.84	7.03	29.72	37.51
R.delsCarres	ReachM1	1428.916	Tr=100 anni	1.00	129.32	129.58	129.64	0.009834	1.10	0.91	7.50	29.63	37.54
R.delsCarres	ReachM1	1428.916	Tr=200 anni	1.10	129.32	129.59	129.65	0.009909	1.12	0.98	7.92	29.54	37.58
R.delsCarres	ReachM1	1428.916	Tr=500 anni	1.23	129.32	129.60	129.66	0.009949	1.16	1.06	8.15	29.46	37.61
R.delsCarres	ReachM1	1391.278	Tr=50 anni	0.91	121.54	121.60	127.67	5.179941	10.92	0.08	2.42	45.22	50.27
R.delsCarres	ReachM1	1391.278	Tr=100 anni	1.00	121.54	121.60	127.68	4.830397	10.92	0.09	2.52	45.20	50.30
R.delsCarres	ReachM1	1391.278	Tr=200 anni	1.10	121.54	121.61	127.69	4.497333	10.93	0.10	2.62	45.18	50.32
R.delsCarres	ReachM1	1391.278	Tr=500 anni	1.23	121.54	121.61	127.71	4.149233	10.94	0.11	2.75	45.16	50.35
R.delsCarres	ReachM1	1358.982	Tr=50 anni	0.91	115.68	115.85	116.30	0.096862	2.97	0.31	3.17	35.21	38.37
R.delsCarres	ReachM1	1358.982	Tr=100 anni	1.00	115.68	115.85	116.33	0.097647	3.06	0.33	3.26	35.17	38.43
R.delsCarres	ReachM1	1358.982	Tr=200 anni	1.10	115.68	115.86	116.37	0.098430	3.15	0.35	3.35	35.13	38.49
R.delsCarres	ReachM1	1358.982	Tr=500 anni	1.23	115.68	115.87	116.41	0.099392	3.26	0.38	3.46	35.09	38.55
R.delsCarres	ReachM1	1318.276	Tr=50 anni	0.91	108.35	108.44	109.42	0.357697	4.40	0.21	3.16	21.41	24.57
R.delsCarres	ReachM1	1318.276	Tr=100 anni	1.00	108.35	108.44	109.47	0.348785	4.51	0.22	3.21	21.39	24.60
R.delsCarres	ReachM1	1318.276	Tr=200 anni	1.10	108.35	108.45	109.53	0.340215	4.62	0.24	3.27	21.36	24.63
R.delsCarres	ReachM1	1318.276	Tr=500 anni	1.23	108.35	108.45	109.60	0.330388	4.75	0.26	3.33	21.33	24.67
R.delsCarres	ReachM1	1262.952	Tr=50 anni	0.91	100.27	100.38	100.68	0.085513	2.43	0.37	4.80	23.82	28.61
R.delsCarres	ReachM1	1262.952	Tr=100 anni	1.00	100.27	100.39	100.71	0.086890	2.51	0.40	4.93	23.73	28.66
R.delsCarres	ReachM1	1262.952	Tr=200 anni	1.10	100.27	100.39	100.73	0.088294	2.59	0.43	5.06	23.65	28.71
R.delsCarres	ReachM1	1262.952	Tr=500 anni	1.23	100.27	100.40	100.77	0.090048	2.69	0.46	5.22	23.54	28.76
R.delsCarres	ReachM1	1196.699	Tr=50 anni	0.91	92.88	93.00	93.48	0.141893	3.08	0.30	3.87	38.00	41.87
R.delsCarres	ReachM1	1196.699	Tr=100 anni	1.00	92.88	93.01	93.48	0.140122	3.06	0.33	4.29	37.96	42.25
R.delsCarres	ReachM1	1196.699	Tr=200 anni	1.10	92.88	93.02	93.49	0.138337	3.05	0.36	4.69	37.93	42.62
R.delsCarres	ReachM1	1196.699	Tr=500 anni	1.23	92.88	93.02	93.51	0.135519	3.10	0.40	4.98	37.90	42.88
R.delsCarres	ReachM1	1135.635	Tr=50 anni	0.91	83.40	83.55	83.99	0.170671	2.92	0.31	5.04	59.78	65.34
R.delsCarres	ReachM1	1135.635	Tr=100 anni	1.00	83.40	83.56	84.01	0.172368	3.00	0.33	5.23	59.77	65.38
R.delsCarres	ReachM1	1135.635	Tr=200 anni	1.10	83.40	83.56	84.04	0.174154	3.08	0.36	5.41	59.76	65.43
R.delsCarres	ReachM1	1135.635	Tr=500 anni	1.23	83.40	83.57	84.08	0.177335	3.19	0.39	5.64	59.74	65.49
R.delsCarres	ReachM1	1081.78	Tr=50 anni	0.91	77.38	77.56	77.91	0.079496	2.65	0.34	3.61	56.79	60.40
R.delsCarres	ReachM1	1081.78	Tr=100 anni	1.00	77.38	77.56	77.94	0.079005	2.72	0.37	3.72	56.71	60.43
R.delsCarres	ReachM1	1081.78	Tr=200 anni	1.10	77.38	77.57	77.97	0.078545	2.79	0.39	3.83	56.63	60.46
R.delsCarres	ReachM1	1081.78	Tr=500 anni	1.23	77.38	77.58	78.00	0.077681	2.86	0.43	3.96	56.53	60.50
R.delsCarres	ReachM1	1043.243	Tr=50 anni	0.91	73.67	73.87	74.45	0.101090	3.39	0.27	2.32	65.94	68.26
R.delsCarres	ReachM1	1043.243	Tr=100 anni	1.00	73.67	73.87	74.49	0.100927	3.47	0.29	2.40	65.88	68.28
R.delsCarres	ReachM1	1043.243	Tr=200 anni	1.10	73.67	73.88	74.53	0.100697	3.56	0.31	2.48	65.82	68.30
R.delsCarres	ReachM1	1043.243	Tr=500 anni	1.23	73.67	73.89	74.58	0.100686	3.66	0.34	2.57	65.74	68.32
R.delsCarres	ReachM1	1000.287	Tr=50 anni	0.91	68.41	68.63	69.37	0.139562	3.81	0.24	2.21	73.71	75.91
R.delsCarres	ReachM1	1000.287	Tr=100 anni	1.00	68.41	68.63	69.41	0.139469	3.90	0.26	2.29	73.67	75.96
R.delsCarres	ReachM1	1000.287	Tr=200 anni	1.10	68.41	68.64	69.45	0.139398	3.99	0.28	2.37	73.63	76.00
R.delsCarres	ReachM1	1000.287	Tr=500 anni	1.23	68.41	68.65	69.51	0.139068	4.10	0.30	2.47	73.58	76.05
R.delsCarres	ReachM1	956.5189	Tr=50 anni	0.91	62.61	62.76	63.26	0.136285	3.14	0.29	3.57	63.13	66.70
R.delsCarres	ReachM1	956.5189	Tr=100 anni	1.00	62.61	62.76	63.29	0.136711	3.23	0.31	3.67	63.07	66.74
R.delsCarres	ReachM1	956.5189	Tr=200 anni	1.10	62.61	62.77	63.33	0.137106	3.32	0.33	3.77	63.01	66.78
R.delsCarres	ReachM1	956.5189	Tr=500 anni	1.23	62.61	62.78	63.38	0.137765	3.43	0.36	3.89	62.94	66.83

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.delsCarres	ReachM1	913.8979	Tr=50 anni	0.91	56.32	56.47	57.14	0.150777	3.61	0.25	2.70	67.93	70.63
R.delsCarres	ReachM1	913.8979	Tr=100 anni	1.00	56.32	56.48	57.18	0.150042	3.69	0.27	2.79	67.90	70.69
R.delsCarres	ReachM1	913.8979	Tr=200 anni	1.10	56.32	56.49	57.22	0.149348	3.78	0.29	2.88	67.88	70.76
R.delsCarres	ReachM1	913.8979	Tr=500 anni	1.23	56.32	56.50	57.27	0.148395	3.89	0.32	2.99	67.85	70.84
R.delsCarres	ReachM1	876.9736	Tr=50 anni	2.15	51.55	51.79	52.69	0.109439	4.21	0.51	3.41	66.25	69.66
R.delsCarres	ReachM1	876.9736	Tr=100 anni	2.38	51.55	51.80	52.76	0.108797	4.33	0.55	3.50	66.21	69.71
R.delsCarres	ReachM1	876.9736	Tr=200 anni	2.61	51.55	51.81	52.82	0.108249	4.44	0.59	3.59	66.16	69.75
R.delsCarres	ReachM1	876.9736	Tr=500 anni	2.93	51.55	51.83	52.89	0.107478	4.58	0.64	3.71	66.10	69.81
R.delsCarres	ReachM1	840.7737	Tr=50 anni	2.15	45.73	45.96	47.42	0.198801	5.34	0.40	2.93	71.52	74.45
R.delsCarres	ReachM1	840.7737	Tr=100 anni	2.38	45.73	45.97	47.50	0.197921	5.48	0.43	3.03	71.47	74.51
R.delsCarres	ReachM1	840.7737	Tr=200 anni	2.61	45.73	45.98	47.59	0.197014	5.61	0.47	3.13	71.43	74.56
R.delsCarres	ReachM1	840.7737	Tr=500 anni	2.93	45.73	46.00	47.70	0.195917	5.78	0.51	3.25	71.38	74.63
R.delsCarres	ReachM1	798.267	Tr=50 anni	2.15	40.76	41.04	41.58	0.092684	3.25	0.66	5.71	59.50	68.09
R.delsCarres	ReachM1	798.267	Tr=100 anni	2.38	40.76	41.05	41.59	0.094362	3.27	0.73	6.32	59.49	68.17
R.delsCarres	ReachM1	798.267	Tr=200 anni	2.61	40.76	41.06	41.61	0.096067	3.28	0.80	6.98	59.48	68.21
R.delsCarres	ReachM1	798.267	Tr=500 anni	2.93	40.76	41.07	41.63	0.098135	3.33	0.88	7.69	59.46	68.26
R.delsCarres	ReachM1	773.8558	Tr=50 anni	2.15	37.86	38.05	38.69	0.154418	3.56	0.60	6.79	67.49	74.28
R.delsCarres	ReachM1	773.8558	Tr=100 anni	2.38	37.86	38.06	38.73	0.148427	3.63	0.65	6.90	67.47	74.37
R.delsCarres	ReachM1	773.8558	Tr=200 anni	2.61	37.86	38.06	38.76	0.142771	3.70	0.70	7.01	67.45	74.46
R.delsCarres	ReachM1	773.8558	Tr=500 anni	2.93	37.86	38.07	38.81	0.137016	3.80	0.77	7.16	67.42	74.57
R.delsCarres	ReachM1	736.7088	Tr=50 anni	2.15	34.12	34.34	34.73	0.075471	2.77	0.78	7.39	80.87	88.84
R.delsCarres	ReachM1	736.7088	Tr=100 anni	2.38	34.12	34.35	34.77	0.077717	2.86	0.83	7.73	80.81	88.89
R.delsCarres	ReachM1	736.7088	Tr=200 anni	2.61	34.12	34.36	34.80	0.079997	2.94	0.89	8.05	80.75	88.94
R.delsCarres	ReachM1	736.7088	Tr=500 anni	2.93	34.12	34.36	34.85	0.082507	3.07	0.95	8.31	80.68	88.99
R.delsCarres	ReachM1	689.4188	Tr=50 anni	2.15	30.91	31.23	31.71	0.054603	3.06	0.70	4.47	62.53	67.00
R.delsCarres	ReachM1	689.4188	Tr=100 anni	2.38	30.91	31.25	31.74	0.053462	3.11	0.77	4.70	62.35	67.05
R.delsCarres	ReachM1	689.4188	Tr=200 anni	2.61	30.91	31.26	31.76	0.052436	3.15	0.83	4.91	62.18	67.09
R.delsCarres	ReachM1	689.4188	Tr=500 anni	2.93	30.91	31.27	31.80	0.051417	3.23	0.91	5.11	62.03	67.14
R.delsCarres	ReachM1	664.8049	Tr=50 anni	2.15	28.79	29.00	29.79	0.114771	3.94	0.55	4.17	59.56	63.73
R.delsCarres	ReachM1	664.8049	Tr=100 anni	2.38	28.79	29.01	29.85	0.113390	4.06	0.59	4.25	59.51	63.76
R.delsCarres	ReachM1	664.8049	Tr=200 anni	2.61	28.79	29.02	29.91	0.111981	4.17	0.63	4.33	59.45	63.78
R.delsCarres	ReachM1	664.8049	Tr=500 anni	2.93	28.79	29.03	29.98	0.110389	4.30	0.68	4.44	59.36	63.81
R.delsCarres	ReachM1	640.6149	Tr=50 anni	2.15	26.74	27.01	27.73	0.064769	3.78	0.57	2.96	61.46	64.42
R.delsCarres	ReachM1	640.6149	Tr=100 anni	2.38	26.74	27.02	27.79	0.065148	3.90	0.61	3.04	61.42	64.47
R.delsCarres	ReachM1	640.6149	Tr=200 anni	2.61	26.74	27.03	27.85	0.065563	4.01	0.65	3.12	61.38	64.50
R.delsCarres	ReachM1	640.6149	Tr=500 anni	2.93	26.74	27.05	27.93	0.065931	4.15	0.71	3.22	61.33	64.56
R.delsCarres	ReachM1	613.5142	Tr=50 anni	2.15	26.12	26.46	26.68	0.020237	2.09	1.03	5.46	65.55	71.01
R.delsCarres	ReachM1	613.5142	Tr=100 anni	2.38	26.12	26.47	26.71	0.020900	2.19	1.09	5.53	65.53	71.06
R.delsCarres	ReachM1	613.5142	Tr=200 anni	2.61	26.12	26.48	26.74	0.021530	2.28	1.14	5.59	65.52	71.11
R.delsCarres	ReachM1	613.5142	Tr=500 anni	2.93	26.12	26.49	26.78	0.022405	2.40	1.22	5.67	65.50	71.17
R.delsCarres	ReachM1	586.4987	Tr=50 anni	2.15	22.94	23.19	25.23	0.209340	6.32	0.34	1.92	59.48	61.39
R.delsCarres	ReachM1	586.4987	Tr=100 anni	2.38	22.94	23.21	25.25	0.193953	6.33	0.38	1.99	59.43	61.42
R.delsCarres	ReachM1	586.4987	Tr=200 anni	2.61	22.94	23.23	25.28	0.181365	6.34	0.41	2.06	59.39	61.45
R.delsCarres	ReachM1	586.4987	Tr=500 anni	2.93	22.94	23.25	25.31	0.166744	6.36	0.46	2.15	59.33	61.49
R.delsCarres	ReachM1	537.4987	Tr=50 anni	2.15	20.93	21.26	21.63	0.030097	2.70	0.80	3.90	70.10	74.00
R.delsCarres	ReachM1	537.4987	Tr=100 anni	2.38	20.93	21.27	21.67	0.030829	2.81	0.85	4.00	70.05	74.04
R.delsCarres	ReachM1	537.4987	Tr=200 anni	2.61	20.93	21.28	21.71	0.031553	2.91	0.90	4.08	70.00	74.08
R.delsCarres	ReachM1	537.4987	Tr=500 anni	2.93	20.93	21.30	21.77	0.032525	3.04	0.97	4.20	69.94	74.14
R.delsCarres	ReachM1	494.6235	Tr=50 anni	2.15	18.24	18.48	19.39	0.105242	4.21	0.51	3.30	51.64	54.94
R.delsCarres	ReachM1	494.6235	Tr=100 anni	2.38	18.24	18.50	19.42	0.101301	4.26	0.56	3.43	51.60	55.03
R.delsCarres	ReachM1	494.6235	Tr=200 anni	2.61	18.24	18.51	19.46	0.097969	4.32	0.60	3.55	51.57	55.12
R.delsCarres	ReachM1	494.6235	Tr=500 anni	2.93	18.24	18.53	19.51	0.093916	4.38	0.67	3.72	51.52	55.24
R.delsCarres	ReachM1	450.6393	Tr=50 anni	2.15	17.29	17.55	17.64	0.016671	1.37	1.57	13.95	60.01	82.56
R.delsCarres	ReachM1	450.6393	Tr=100 anni	2.38	17.29	17.56	17.66	0.017222	1.42	1.68	14.43	59.94	82.65
R.delsCarres	ReachM1	450.6393	Tr=200 anni	2.61	17.29	17.56	17.67	0.017757	1.47	1.78	14.87	59.87	82.75
R.delsCarres	ReachM1	450.6393	Tr=500 anni	2.93	17.29	17.57	17.69	0.018464	1.53	1.91	15.44	59.79	82.86
R.delsCarres	ReachM1	423.6967	Tr=50 anni	2.15	16.46	16.64	16.88	0.054536	2.20	0.98	10.38	76.93	87.31
R.delsCarres	ReachM1	423.6967	Tr=100 anni	2.38	16.46	16.64	16.90	0.050891	2.23	1.07	10.48	76.88	87.36
R.delsCarres	ReachM1	423.6967	Tr=200 anni	2.61	16.46	16.65	16.92	0.048318	2.27	1.15	10.58	76.83	87.41
R.delsCarres	ReachM1	423.6967	Tr=500 anni	2.93	16.46	16.66	16.93	0.045526	2.30	1.27	11.00	76.75	87.47
R.delsCarres	ReachM1	395.1577	Tr=50 anni	2.15	16.17	16.41	16.50	0.008787	1.32	1.63	9.30	85.18	99.62
R.delsCarres	ReachM1	395.1577	Tr=100 anni	2.38	16.17	16.43	16.52	0.008669	1.35	1.76	9.59	85.05	99.62
R.delsCarres	ReachM1	395.1577	Tr=200 anni	2.61	16.17	16.44	16.54	0.008548	1.38	1.89	9.86	84.92	99.62
R.delsCarres	ReachM1	395.1577	Tr=500 anni	2.93	16.17	16.46	16.56	0.008428	1.42	2.07	10.23	84.76	99.62
R.delsCarres	ReachM1	358.7982	Tr=50 anni	2.15	14.66	15.03	15.67	0.111578	3.54	0.61	5.00	76.87	87.24
R.delsCarres	ReachM1	358.7982	Tr=100 anni	2.38	14.66	15.04	15.70	0.108831	3.59	0.66	5.24	76.75	87.24
R.delsCarres	ReachM1	358.7982	Tr=200 anni	2.61	14.66	15.05	15.73	0.106473	3.63	0.72	5.48	76.64	87.24
R.delsCarres	ReachM1	358.7982	Tr=500 anni	2.93	14.66	15.07	15.77	0.104566	3.71	0.79	5.77	76.50	87.24
R.delsCarres	ReachM2	224.7745	Tr=50 anni	49.86	11.49	12.10	13.37	0.078335	4.99	9.99	40.54	26.84	67.38
R.delsCarres	ReachM2	224.7745	Tr=100 anni	96.08	11.49	12.31	13.64	0.038346	5.11	18.79	42.96	24.77	67.73
R.delsCarres	ReachM2	224.7745	Tr=200 anni	109.50	11.49	12.35	13.78	0.036411	5.29	20.70	43.30	24.51	67.81
R.delsCarres	ReachM2	224.7745	Tr=500 anni	127.28	11.49	12.41	13.95	0.034507	5.50	23.13	43.75	24.16	67.90

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.delsCarres	ReachM2	201.5862	Tr=50 anni	49.86	10.96	12.03	12.44	0.014934	2.85	17.47	46.78	81.57	128.35
R.delsCarres	ReachM2	201.5862	Tr=100 anni	96.08	10.96	12.21	12.89	0.016393	3.65	26.32	52.20	76.26	128.46
R.delsCarres	ReachM2	201.5862	Tr=200 anni	109.50	10.96	12.25	13.01	0.017722	3.88	28.26	54.34	74.15	128.49
R.delsCarres	ReachM2	201.5862	Tr=500 anni	127.28	10.96	12.29	13.17	0.019209	4.16	30.58	56.14	70.97	128.51
R.delsCarres	ReachM2	179.1657	Tr=50 anni	49.86	10.32	11.67	12.14	0.011938	3.03	16.44	33.82	107.24	141.06
R.delsCarres	ReachM2	179.1657	Tr=100 anni	96.08	10.32	11.93	12.54	0.013049	3.47	27.68	49.97	91.50	141.47
R.delsCarres	ReachM2	179.1657	Tr=200 anni	109.50	10.32	11.98	12.64	0.012895	3.61	30.35	51.22	90.33	141.55
R.delsCarres	ReachM2	179.1657	Tr=500 anni	127.28	10.32	12.05	12.76	0.013641	3.72	34.23	57.64	84.01	141.66
R.delsCarres	ReachM2	112.8727	Tr=50 anni	49.86	8.80	9.96	10.71	0.046983	3.84	12.98	52.85	109.24	244.70
R.delsCarres	ReachM2	112.8727	Tr=100 anni	96.08	8.80	10.11	10.95	0.055319	4.06	23.68	100.73	96.86	245.84
R.delsCarres	ReachM2	112.8727	Tr=200 anni	109.50	8.80	10.14	11.03	0.059509	4.18	26.18	112.43	95.94	245.98
R.delsCarres	ReachM2	112.8727	Tr=500 anni	127.28	8.80	10.17	11.09	0.059188	4.24	30.00	125.72	94.84	246.17
R.delsCarres	ReachM2	54.62282	Tr=50 anni	49.86	8.09	8.85	9.04	0.016254	1.95	25.61	131.42	186.66	321.01
R.delsCarres	ReachM2	54.62282	Tr=100 anni	96.08	8.09	8.95	9.25	0.015419	2.44	39.30	137.76	185.75	323.51
R.delsCarres	ReachM2	54.62282	Tr=200 anni	109.50	8.09	8.98	9.31	0.015035	2.55	42.90	138.32	185.52	323.84
R.delsCarres	ReachM2	54.62282	Tr=500 anni	127.28	8.09	9.01	9.38	0.014997	2.70	47.11	139.17	185.26	324.42
R.Cabriola	ReachM1	3402.067	Tr=50 anni	161.49	13.86	15.91	16.62	0.025765	3.75	43.11	115.73	521.26	734.05
R.Cabriola	ReachM1	3402.067	Tr=100 anni	178.39	13.86	15.93	16.70	0.026209	3.89	45.82	117.55	521.19	734.27
R.Cabriola	ReachM1	3402.067	Tr=200 anni	195.40	13.86	15.96	16.77	0.026069	4.00	48.80	119.58	521.12	734.51
R.Cabriola	ReachM1	3402.067	Tr=500 anni	218.19	13.86	15.99	16.85	0.026614	4.09	53.30	128.40	521.01	734.85
R.Cabriola	ReachM1	3355.514	Tr=50 anni	161.49	13.73	15.43	15.75	0.011195	2.51	64.42	170.65	555.54	734.42
R.Cabriola	ReachM1	3355.514	Tr=100 anni	178.39	13.73	15.45	15.80	0.011559	2.62	68.03	172.54	555.49	735.49
R.Cabriola	ReachM1	3355.514	Tr=200 anni	195.40	13.73	15.47	15.85	0.011986	2.74	71.35	174.20	555.45	736.13
R.Cabriola	ReachM1	3355.514	Tr=500 anni	218.19	13.73	15.50	15.91	0.012064	2.85	76.61	177.24	555.32	737.12
R.Cabriola	ReachM1	3301.1	Tr=50 anni	161.49	13.49	14.72	15.10	0.012376	2.73	59.16	148.56	578.39	734.01
R.Cabriola	ReachM1	3301.1	Tr=100 anni	178.39	13.49	14.75	15.15	0.012098	2.79	63.93	152.71	578.34	734.77
R.Cabriola	ReachM1	3301.1	Tr=200 anni	195.40	13.49	14.78	15.20	0.011870	2.85	68.56	156.40	578.29	737.76
R.Cabriola	ReachM1	3301.1	Tr=500 anni	218.19	13.49	14.82	15.26	0.011717	2.94	74.14	159.66	578.23	738.35
R.Cabriola	ReachM1	3168.398	Tr=50 anni	161.49	12.66	13.63	13.83	0.007111	1.95	82.77	227.50	46.52	306.13
R.Cabriola	ReachM1	3168.398	Tr=100 anni	178.39	12.66	13.66	13.86	0.007355	2.02	88.40	236.88	46.45	306.76
R.Cabriola	ReachM1	3168.398	Tr=200 anni	195.40	12.66	13.67	13.90	0.007587	2.11	92.81	238.92	46.37	307.13
R.Cabriola	ReachM1	3168.398	Tr=500 anni	218.19	12.66	13.70	13.95	0.007829	2.21	98.56	240.86	46.25	307.60
R.Cabriola	ReachM1	3062.601	Tr=50 anni	161.49	11.62	12.57	12.86	0.011909	2.38	67.84	203.72	514.03	805.87
R.Cabriola	ReachM1	3062.601	Tr=100 anni	178.39	11.62	12.60	12.90	0.011374	2.40	74.18	211.92	513.59	806.41
R.Cabriola	ReachM1	3062.601	Tr=200 anni	195.40	11.62	12.63	12.93	0.011011	2.44	80.08	218.46	512.60	806.99
R.Cabriola	ReachM1	3062.601	Tr=500 anni	218.19	11.62	12.66	12.98	0.010705	2.49	87.71	227.57	512.34	807.95
R.Cabriola	ReachM1	2968.143	Tr=50 anni	161.49	10.88	12.03	12.18	0.004721	1.71	94.62	233.17	490.54	859.74
R.Cabriola	ReachM1	2968.143	Tr=100 anni	178.39	10.88	12.06	12.22	0.004731	1.75	102.11	243.39	490.31	859.91
R.Cabriola	ReachM1	2968.143	Tr=200 anni	195.40	10.88	12.09	12.25	0.004686	1.79	108.88	247.52	490.11	860.05
R.Cabriola	ReachM1	2968.143	Tr=500 anni	218.19	10.88	12.12	12.30	0.004907	1.88	116.21	255.52	489.89	860.24
R.Cabriola	ReachM1	2871.677	Tr=50 anni	164.19	10.41	11.43	11.64	0.006438	2.03	80.92	194.41	742.67	1078.14
R.Cabriola	ReachM1	2871.677	Tr=100 anni	181.38	10.41	11.47	11.68	0.006430	2.04	88.93	211.80	742.59	1078.26
R.Cabriola	ReachM1	2871.677	Tr=200 anni	198.68	10.41	11.50	11.72	0.006346	2.08	95.69	219.71	742.53	1078.35
R.Cabriola	ReachM1	2871.677	Tr=500 anni	221.86	10.41	11.55	11.77	0.005965	2.08	106.66	233.12	742.43	1078.49
R.Cabriola	ReachM1	2716.281	Tr=50 anni	164.19	9.90	11.20	11.25	0.000906	1.02	161.43	251.05	398.42	813.75
R.Cabriola	ReachM1	2716.281	Tr=100 anni	181.38	9.90	11.24	11.30	0.000967	1.06	171.48	264.21	397.23	814.98
R.Cabriola	ReachM1	2716.281	Tr=200 anni	198.68	9.90	11.29	11.35	0.000966	1.07	186.06	282.35	395.55	816.67
R.Cabriola	ReachM1	2716.281	Tr=500 anni	221.86	9.90	11.35	11.41	0.000989	1.09	202.93	302.51	394.63	818.48
R.Cabriola	ReachM1	2615.254	Tr=50 anni	164.19	9.70	11.13	11.18	0.000641	0.99	166.51	209.18	323.19	716.00
R.Cabriola	ReachM1	2615.254	Tr=100 anni	181.38	9.70	11.16	11.22	0.000699	1.05	173.13	211.87	322.82	716.39
R.Cabriola	ReachM1	2615.254	Tr=200 anni	198.68	9.70	11.21	11.27	0.000702	1.08	184.02	216.13	322.22	717.08
R.Cabriola	ReachM1	2615.254	Tr=500 anni	221.86	9.70	11.26	11.33	0.000756	1.14	194.88	223.26	321.64	717.74
R.Cabriola	ReachM1	2502.215	Tr=50 anni	164.19	9.88	10.93	11.04	0.002632	1.46	112.44	226.56	367.66	747.04
R.Cabriola	ReachM1	2502.215	Tr=100 anni	181.38	9.88	10.88	11.05	0.004133	1.79	101.45	211.60	368.67	743.46
R.Cabriola	ReachM1	2502.215	Tr=200 anni	198.68	9.88	10.84	11.07	0.006209	2.13	93.26	202.96	369.12	742.60
R.Cabriola	ReachM1	2502.215	Tr=500 anni	221.86	9.88	10.90	11.13	0.005584	2.10	105.86	218.06	368.25	746.90
R.Cabriola	ReachM1	2353.042	Tr=50 anni	164.19	9.47	10.26	10.43	0.006954	1.87	87.99	254.56	377.86	726.52
R.Cabriola	ReachM1	2353.042	Tr=100 anni	181.38	9.47	10.41	10.51	0.002994	1.39	130.67	313.07	349.64	744.84
R.Cabriola	ReachM1	2353.042	Tr=200 anni	198.68	9.47	10.62	10.67	0.001026	0.97	203.94	372.30	343.36	767.53
R.Cabriola	ReachM1	2353.042	Tr=500 anni	221.86	9.47	10.88	10.91	0.000438	0.71	311.22	479.29	266.80	808.61
R.Cabriola	ReachM1	2205.93	Tr=50 anni	164.19	8.79	10.22	10.23	0.000200	0.49	336.16	505.39	265.00	891.07
R.Cabriola	ReachM1	2205.93	Tr=100 anni	181.38	8.79	10.43	10.44	0.000106	0.41	446.45	550.20	262.09	891.30
R.Cabriola	ReachM1	2205.93	Tr=200 anni	198.68	8.79	10.63	10.63	0.000065	0.35	562.23	594.36	258.84	891.52
R.Cabriola	ReachM1	2205.93	Tr=500 anni	221.86	8.79	10.88	10.89	0.000037	0.31	716.60	607.93	251.75	891.80
R.Cabriola	ReachM1	2114.951	Tr=50 anni	164.19	8.32	10.22	10.22	0.000024	0.24	674.03	593.63	189.93	848.22
R.Cabriola	ReachM1	2114.951	Tr=100 anni	181.38	8.32	10.43	10.43	0.000017	0.23	799.21	608.16	189.11	848.43
R.Cabriola	ReachM1	2114.951	Tr=200 anni	198.68	8.32	10.63	10.63	0.000014	0.22	923.05	635.11	188.54	848.64
R.Cabriola	ReachM1	2114.951	Tr=500 anni	221.86	8.32	10.88	10.89	0.000010	0.20	1089.41	654.66	188.00	848.90
R.Cabriola	ReachM1	2052.697	Tr=50 anni	164.19	7.71	10.22	10.22	0.000005	0.15	1132.13	709.94	228.03	949.99
R.Cabriola	ReachM1	2052.697	Tr=100 anni	181.38	7.71	10.43	10.43	0.000004	0.14	1280.22	714.53	226.87	951.03
R.Cabriola	ReachM1	2052.697	Tr=200 anni	198.68	7.71	10.63	10.63	0.000004	0.14	1423.24	718.97	225.76	951.51
R.Cabriola	ReachM1	2052.697	Tr=500 anni	221.86	7.71	10.88	10.89	0.000003	0.14	1608.15	727.64	210.19	952.11
R.Cabriola	ReachM1	1946.209	Tr=50 anni	164.19	6.55	10.22	10.22	0.000001	0.10	1677.97	660.07	125.97	792.21

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.Cabriola	ReachM1	1946.209	Tr=100 anni	181.38	6.55	10.43	10.43	0.000001	0.10	1815.57	664.54	125.08	792.56
R.Cabriola	ReachM1	1946.209	Tr=200 anni	198.68	6.55	10.63	10.63	0.000001	0.10	1948.53	668.68	124.22	792.90
R.Cabriola	ReachM1	1946.209	Tr=500 anni	221.86	6.55	10.88	10.88	0.000001	0.10	2119.75	670.22	123.45	793.67
R.Cabriola	ReachM1	1882.109	Tr=50 anni	166.02	4.10	10.22	10.22	0.000001	0.07	2250.28	670.79	85.91	756.70
R.Cabriola	ReachM1	1882.109	Tr=100 anni	183.40	4.10	10.43	10.43	0.000001	0.08	2390.15	679.03	84.59	769.32
R.Cabriola	ReachM1	1882.109	Tr=200 anni	200.90	4.10	10.63	10.63	0.000001	0.08	2527.08	693.56	81.74	779.04
R.Cabriola	ReachM1	1882.109	Tr=500 anni	224.35	4.10	10.88	10.88	0.000001	0.08	2705.89	704.63	81.19	785.83
R.Cabriola	ReachM1	1700.942	Tr=50 anni	166.02	6.84	10.21	10.22	0.000038	0.44	381.31	195.31	57.51	258.24
R.Cabriola	ReachM1	1700.942	Tr=100 anni	183.40	6.84	10.42	10.43	0.000034	0.43	422.22	198.30	57.07	259.37
R.Cabriola	ReachM1	1700.942	Tr=200 anni	200.90	6.84	10.62	10.63	0.000031	0.43	462.15	202.03	56.66	260.90
R.Cabriola	ReachM1	1700.942	Tr=500 anni	224.35	6.84	10.87	10.88	0.000028	0.44	515.01	210.15	54.27	264.43
R.Cabriola	ReachM1	1631.129	Tr=50 anni	166.02	6.69	9.12	10.11	0.004274	4.41	37.66	19.03	115.22	134.25
R.Cabriola	ReachM1	1631.129	Tr=100 anni	183.40	6.69	9.26	10.32	0.004260	4.55	40.35	19.35	115.03	134.38
R.Cabriola	ReachM1	1631.129	Tr=200 anni	200.90	6.69	9.41	10.51	0.004185	4.65	43.20	19.69	114.82	134.51
R.Cabriola	ReachM1	1631.129	Tr=500 anni	224.35	6.69	9.59	10.76	0.004109	4.78	46.89	20.11	114.57	134.67
R.Cabriola	ReachM1	1561.509	Tr=50 anni	166.02	6.15	9.08	9.72	0.002589	3.56	46.64	22.43	108.03	130.45
R.Cabriola	ReachM1	1561.509	Tr=100 anni	183.40	6.15	9.20	9.90	0.002665	3.71	49.43	22.79	107.79	130.57
R.Cabriola	ReachM1	1561.509	Tr=200 anni	200.90	6.15	8.68	10.11	0.006969	5.29	37.95	21.30	108.77	130.06
R.Cabriola	ReachM1	1561.509	Tr=500 anni	224.35	6.15	8.81	10.35	0.007056	5.51	40.70	21.65	108.54	130.19
R.Cabriola	ReachM1	1469.344	Tr=50 anni	166.02	5.61	8.53	9.40	0.004303	4.14	40.15	23.34	181.66	205.01
R.Cabriola	ReachM1	1469.344	Tr=100 anni	183.40	5.61	8.65	9.57	0.004276	4.25	43.17	23.98	181.41	205.39
R.Cabriola	ReachM1	1469.344	Tr=200 anni	200.90	5.61	8.79	9.74	0.004206	4.31	46.57	24.97	181.14	206.11
R.Cabriola	ReachM1	1469.344	Tr=500 anni	224.35	5.61	8.96	9.95	0.004321	4.42	50.77	26.86	180.20	207.07
R.Cabriola	ReachM1	1396.348	Tr=50 anni	166.02	5.12	7.25	8.89	0.008704	5.67	29.30	17.84	229.73	247.56
R.Cabriola	ReachM1	1396.348	Tr=100 anni	183.40	5.12	7.40	9.08	0.008200	5.74	31.96	18.18	229.54	247.72
R.Cabriola	ReachM1	1396.348	Tr=200 anni	200.90	5.12	7.55	9.26	0.007733	5.79	34.67	18.52	229.35	247.87
R.Cabriola	ReachM1	1396.348	Tr=500 anni	224.35	5.12	7.76	9.48	0.007100	5.81	38.59	19.15	228.94	248.09
R.Cabriola	ReachM1	1320.579	Tr=50 anni	167.68	4.37	6.50	8.20	0.009455	5.77	29.04	18.56	69.09	87.66
R.Cabriola	ReachM1	1320.579	Tr=100 anni	185.24	4.37	6.61	8.41	0.009277	5.93	31.23	18.82	68.95	87.77
R.Cabriola	ReachM1	1320.579	Tr=200 anni	202.92	4.37	6.73	8.61	0.009074	6.07	33.41	19.04	68.85	87.89
R.Cabriola	ReachM1	1320.579	Tr=500 anni	226.61	4.37	6.89	8.86	0.008732	6.22	36.42	19.33	68.72	88.05
R.Cabriola	ReachM2	1233.364	Tr=50 anni	217.54	2.36	5.31	5.32	0.000051	0.41	524.53	358.30	66.55	643.54
R.Cabriola	ReachM2	1233.364	Tr=100 anni	240.44	2.36	5.20	5.21	0.000077	0.49	487.07	350.10	66.66	643.37
R.Cabriola	ReachM2	1233.364	Tr=200 anni	263.51	2.36	5.28	5.29	0.000079	0.51	513.14	355.69	66.59	643.49
R.Cabriola	ReachM2	1233.364	Tr=500 anni	294.44	2.36	5.37	5.38	0.000084	0.54	546.49	366.09	66.49	643.65
R.Cabriola	ReachM2	1101.81	Tr=50 anni	217.54	2.46	5.30	5.31	0.000067	0.44	491.08	374.02	23.78	518.78
R.Cabriola	ReachM2	1101.81	Tr=100 anni	240.44	2.46	5.19	5.20	0.000103	0.53	450.39	360.26	23.93	518.59
R.Cabriola	ReachM2	1101.81	Tr=200 anni	263.51	2.46	5.26	5.28	0.000106	0.55	477.18	370.83	23.83	518.71
R.Cabriola	ReachM2	1101.81	Tr=500 anni	294.44	2.46	5.35	5.37	0.000108	0.58	511.80	378.82	23.71	518.93
R.Cabriola	ReachM2	1002.322	Tr=50 anni	217.54	2.47	5.30	5.30	0.000029	0.34	646.21	397.52	14.99	437.89
R.Cabriola	ReachM2	1002.322	Tr=100 anni	240.44	2.47	5.19	5.19	0.000045	0.40	601.98	396.04	15.45	437.75
R.Cabriola	ReachM2	1002.322	Tr=200 anni	263.51	2.47	5.26	5.27	0.000046	0.42	631.07	397.01	15.14	437.84
R.Cabriola	ReachM2	1002.322	Tr=500 anni	294.44	2.47	5.35	5.36	0.000048	0.44	667.78	398.09	14.76	437.96
R.Cabriola	ReachM2	905.0133	Tr=50 anni	217.54	1.91	5.29	5.30	0.000043	0.40	539.91	343.44	31.48	402.28
R.Cabriola	ReachM2	905.0133	Tr=100 anni	240.44	1.91	5.18	5.19	0.000067	0.48	500.80	339.14	31.96	402.19
R.Cabriola	ReachM2	905.0133	Tr=200 anni	263.51	1.91	5.25	5.26	0.000069	0.50	525.62	342.09	31.66	402.25
R.Cabriola	ReachM2	905.0133	Tr=500 anni	294.44	1.91	5.34	5.36	0.000072	0.53	557.11	344.34	31.28	402.32
R.Cabriola	ReachM2	806.4158	Tr=50 anni	217.54	1.52	5.29	5.30	0.000033	0.39	554.51	298.60	133.15	485.53
R.Cabriola	ReachM2	806.4158	Tr=100 anni	240.44	1.52	5.17	5.18	0.000048	0.46	520.25	290.24	133.58	485.42
R.Cabriola	ReachM2	806.4158	Tr=200 anni	263.51	1.52	5.24	5.26	0.000052	0.49	541.51	296.79	133.31	485.49
R.Cabriola	ReachM2	806.4158	Tr=500 anni	294.44	1.52	5.34	5.35	0.000056	0.52	568.75	300.10	132.97	485.57
R.Cabriola	ReachM2	671.3107	Tr=50 anni	217.54	1.66	5.28	5.29	0.000052	0.48	454.14	253.59	34.12	443.62
R.Cabriola	ReachM2	671.3107	Tr=100 anni	240.44	1.66	5.16	5.17	0.000079	0.57	423.65	251.56	35.38	443.49
R.Cabriola	ReachM2	671.3107	Tr=200 anni	263.51	1.66	5.23	5.25	0.000083	0.60	441.64	253.04	34.36	443.57
R.Cabriola	ReachM2	671.3107	Tr=500 anni	294.44	1.66	5.32	5.34	0.000088	0.63	464.40	254.05	33.92	443.67
R.Cabriola	ReachM2	529.4893	Tr=50 anni	217.54	1.35	5.27	5.28	0.000044	0.44	499.28	283.87	7.39	418.17
R.Cabriola	ReachM2	529.4893	Tr=100 anni	240.44	1.35	5.15	5.16	0.000063	0.52	465.46	267.40	14.63	417.79
R.Cabriola	ReachM2	529.4893	Tr=200 anni	263.51	1.35	5.22	5.23	0.000068	0.54	484.62	275.15	8.75	418.04
R.Cabriola	ReachM2	529.4893	Tr=500 anni	294.44	1.35	5.31	5.33	0.000077	0.58	509.80	290.49	6.66	418.20
R.Cabriola	ReachM2	365.2326	Tr=50 anni	219.69	1.07	4.81	5.22	0.005467	2.83	77.60	98.02	33.03	240.58
R.Cabriola	ReachM2	365.2326	Tr=100 anni	187.62	1.07	4.70	5.10	0.005747	2.79	67.25	90.09	33.50	240.42
R.Cabriola	ReachM2	365.2326	Tr=200 anni	205.54	1.07	4.76	5.17	0.005672	2.82	72.86	95.09	33.24	240.51
R.Cabriola	ReachM2	365.2326	Tr=500 anni	229.54	1.07	4.84	5.25	0.005304	2.84	80.88	99.52	32.88	240.62
R.Cabriola	ReachM2	147.1451	Tr=50 anni	219.69	0.05	2.70	2.78	0.000398	1.30	169.02	94.40	0.00	133.16
R.Cabriola	ReachM2	147.1451	Tr=100 anni	187.62	0.05	2.53	2.61	0.000390	1.22	153.69	93.05	0.00	133.01
R.Cabriola	ReachM2	147.1451	Tr=200 anni	205.54	0.05	2.63	2.71	0.000394	1.27	162.43	93.87	0.00	133.09
R.Cabriola	ReachM2	147.1451	Tr=500 anni	229.54	0.05	2.74	2.83	0.000400	1.32	173.54	94.77	0.00	133.21
R.Cabriola	ReachM2	0.948683	Tr=50 anni	219.69	0.14	2.03	2.59	0.004796	3.33	65.97	58.60	0.00	58.60
R.Cabriola	ReachM2	0.948683	Tr=100 anni	187.62	0.14	1.90	2.42	0.005059	3.20	58.66	57.70	0.00	57.70
R.Cabriola	ReachM2	0.948683	Tr=200 anni	205.54	0.14	1.97	2.52	0.004963	3.29	62.54	58.18	0.00	58.18
R.Cabriola	ReachM2	0.948683	Tr=500 anni	229.54	0.14	2.07	2.64	0.004803	3.36	68.39	60.11	0.00	60.11
Morimonta	ReachM1	1120.657	Tr=50 anni	120.12	26.17	27.75	27.92	0.007558	1.80	66.60	215.07	142.49	460.42
Morimonta	ReachM1	1120.657	Tr=100 anni	132.95	26.17	27.79	27.95	0.006937	1.78	74.49	229.16	107.79	460.53

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
Morimenta	ReachM1	1120.657	Tr=200 anni	145.63	26.17	27.80	27.98	0.007335	1.87	78.06	234.32	107.28	460.59
Morimenta	ReachM1	1120.657	Tr=500 anni	162.60	26.17	27.83	28.02	0.007161	1.90	85.59	245.62	105.87	460.69
Morimenta	ReachM1	1097.171	Tr=50 anni	120.12	26.01	27.33	27.63	0.019612	2.45	49.04	204.76	165.44	449.20
Morimenta	ReachM1	1097.171	Tr=100 anni	132.95	26.01	27.34	27.67	0.020144	2.55	52.17	209.38	162.54	449.21
Morimenta	ReachM1	1097.171	Tr=200 anni	145.63	26.01	27.36	27.70	0.019061	2.57	56.60	214.85	160.46	449.24
Morimenta	ReachM1	1097.171	Tr=500 anni	162.60	26.01	27.38	27.74	0.018772	2.65	61.39	220.51	157.40	449.26
Morimenta	ReachM1	1082.194	Tr=50 anni	122.43	26.24	27.19	27.40	0.009789	2.05	59.71	193.50	186.77	444.70
Morimenta	ReachM1	1082.194	Tr=100 anni	135.23	26.24	27.22	27.44	0.009725	2.08	64.92	204.42	185.21	444.75
Morimenta	ReachM1	1082.194	Tr=200 anni	148.12	26.24	27.24	27.47	0.009784	2.13	69.55	212.81	167.61	444.79
Morimenta	ReachM1	1082.194	Tr=500 anni	165.39	26.24	27.26	27.51	0.009920	2.21	74.68	217.71	160.49	444.84
Morimenta	ReachM1	1039.758	Tr=50 anni	122.43	25.68	26.81	26.93	0.003398	1.56	78.30	172.10	237.67	441.94
Morimenta	ReachM1	1039.758	Tr=100 anni	135.23	25.68	26.84	26.97	0.003357	1.62	83.69	173.53	237.45	442.16
Morimenta	ReachM1	1039.758	Tr=200 anni	148.12	25.68	26.87	27.01	0.003243	1.65	89.63	175.05	237.20	442.43
Morimenta	ReachM1	1039.758	Tr=500 anni	165.39	25.68	26.92	27.06	0.003284	1.70	97.10	182.99	236.32	452.95
Morimenta	ReachM1	989.6694	Tr=50 anni	122.43	25.37	26.66	26.77	0.002969	1.47	83.47	182.41	239.46	445.83
Morimenta	ReachM1	989.6694	Tr=100 anni	135.23	25.37	26.69	26.81	0.003041	1.52	89.17	188.72	210.20	445.94
Morimenta	ReachM1	989.6694	Tr=200 anni	148.12	25.37	26.72	26.85	0.003195	1.55	95.84	204.69	193.65	446.06
Morimenta	ReachM1	989.6694	Tr=500 anni	165.39	25.37	26.76	26.89	0.003335	1.59	104.08	220.19	191.65	446.20
Morimenta	ReachM1	939.2295	Tr=50 anni	122.43	25.03	26.37	26.54	0.006951	1.83	66.95	198.98	187.10	426.27
Morimenta	ReachM1	939.2295	Tr=100 anni	135.23	25.03	26.40	26.58	0.007016	1.87	72.14	208.05	186.74	426.31
Morimenta	ReachM1	939.2295	Tr=200 anni	148.12	25.03	26.42	26.61	0.006947	1.92	77.29	214.02	186.39	426.34
Morimenta	ReachM1	939.2295	Tr=500 anni	165.39	25.03	26.46	26.65	0.006811	1.96	84.47	223.18	185.57	426.39
Morimenta	ReachM1	890.611	Tr=50 anni	122.43	24.17	25.50	25.95	0.024074	2.97	41.23	149.98	165.15	394.51
Morimenta	ReachM1	890.611	Tr=100 anni	135.23	24.17	25.52	25.98	0.023246	3.00	45.02	156.84	165.08	394.54
Morimenta	ReachM1	890.611	Tr=200 anni	148.12	24.17	25.54	26.02	0.023263	3.06	48.43	164.27	165.03	394.56
Morimenta	ReachM1	890.611	Tr=500 anni	165.39	24.17	25.57	26.07	0.022725	3.13	52.86	170.31	164.96	394.59
Morimenta	ReachM1	839.8134	Tr=50 anni	124.16	23.77	24.83	25.08	0.011243	2.22	55.92	178.39	164.90	346.67
Morimenta	ReachM1	839.8134	Tr=100 anni	137.15	23.77	24.85	25.12	0.011447	2.31	59.39	181.03	164.79	346.71
Morimenta	ReachM1	839.8134	Tr=200 anni	150.22	23.77	24.87	25.16	0.011529	2.39	62.73	182.06	164.69	346.76
Morimenta	ReachM1	839.8134	Tr=500 anni	167.73	23.77	24.89	25.21	0.011598	2.51	66.93	182.24	164.57	346.81
Morimenta	ReachM1	788.0307	Tr=50 anni	124.16	23.43	24.24	24.53	0.010212	2.37	52.28	140.19	200.76	341.86
Morimenta	ReachM1	788.0307	Tr=100 anni	137.15	23.43	24.27	24.57	0.009901	2.44	56.12	140.82	200.69	341.93
Morimenta	ReachM1	788.0307	Tr=200 anni	150.22	23.43	24.29	24.61	0.009614	2.51	59.89	141.36	200.63	341.99
Morimenta	ReachM1	788.0307	Tr=500 anni	167.73	23.43	24.33	24.67	0.009390	2.60	64.47	141.51	200.55	342.07
Morimenta	ReachM1	732.0327	Tr=50 anni	124.16	22.25	23.57	23.90	0.012392	2.54	48.95	137.38	190.44	341.93
Morimenta	ReachM1	732.0327	Tr=100 anni	137.15	22.25	23.59	23.94	0.012638	2.64	51.98	139.55	190.29	341.97
Morimenta	ReachM1	732.0327	Tr=200 anni	150.22	22.25	23.61	23.99	0.012734	2.74	54.91	140.43	190.14	342.01
Morimenta	ReachM1	732.0327	Tr=500 anni	167.73	22.25	23.64	24.05	0.012953	2.86	58.69	142.37	189.20	342.06
Morimenta	ReachM1	680.5768	Tr=50 anni	124.16	20.80	23.19	23.50	0.005960	2.49	49.89	82.42	286.24	405.21
Morimenta	ReachM1	680.5768	Tr=100 anni	137.15	20.80	23.24	23.57	0.005728	2.54	53.93	83.68	285.67	405.35
Morimenta	ReachM1	680.5768	Tr=200 anni	150.22	20.80	23.29	23.62	0.005604	2.55	58.82	89.27	283.86	405.52
Morimenta	ReachM1	680.5768	Tr=500 anni	167.73	20.80	23.33	23.70	0.005757	2.68	62.62	90.31	283.47	405.65
Morimenta	ReachM1	642.9413	Tr=50 anni	124.16	20.98	22.63	23.14	0.015107	3.17	39.22	91.46	317.18	408.64
Morimenta	ReachM1	642.9413	Tr=100 anni	137.15	20.98	22.66	23.21	0.015390	3.29	41.73	93.26	313.08	408.77
Morimenta	ReachM1	642.9413	Tr=200 anni	150.22	20.98	22.69	23.27	0.015519	3.38	44.48	96.04	312.11	408.91
Morimenta	ReachM1	642.9413	Tr=500 anni	167.73	20.98	22.73	23.34	0.015219	3.47	48.35	98.82	310.37	409.19
Morimenta	ReachM1	585.9761	Tr=50 anni	124.16	19.28	22.02	22.36	0.011189	2.59	47.99	119.96	314.68	434.69
Morimenta	ReachM1	585.9761	Tr=100 anni	137.15	19.28	22.04	22.41	0.011307	2.69	51.03	121.46	313.30	434.76
Morimenta	ReachM1	585.9761	Tr=200 anni	150.22	19.28	22.07	22.46	0.011373	2.78	53.98	122.50	312.31	434.81
Morimenta	ReachM1	585.9761	Tr=500 anni	167.73	19.28	22.09	22.53	0.011794	2.93	57.26	123.65	311.23	434.88
Morimenta	ReachM1	530.6062	Tr=50 anni	124.16	18.39	21.53	21.63	0.002236	1.44	86.47	156.75	283.57	442.91
Morimenta	ReachM1	530.6062	Tr=100 anni	137.15	18.39	21.57	21.68	0.002155	1.47	93.45	159.43	283.10	443.20
Morimenta	ReachM1	530.6062	Tr=200 anni	150.22	18.39	21.61	21.73	0.002065	1.50	100.29	160.74	282.65	443.39
Morimenta	ReachM1	530.6062	Tr=500 anni	167.73	18.39	21.67	21.79	0.001944	1.53	109.32	161.53	282.10	443.63
Morimenta	ReachM1	490.3635	Tr=50 anni	125.52	19.81	21.22	21.48	0.006153	2.26	55.65	110.21	386.69	496.90
Morimenta	ReachM1	490.3635	Tr=100 anni	138.64	19.81	21.25	21.53	0.005999	2.33	59.62	110.64	386.38	497.01
Morimenta	ReachM1	490.3635	Tr=200 anni	151.86	19.81	21.29	21.58	0.005857	2.39	63.52	111.05	386.07	497.12
Morimenta	ReachM1	490.3635	Tr=500 anni	169.56	19.81	21.33	21.64	0.005748	2.48	68.38	111.58	385.68	497.25
Morimenta	ReachM1	357.0574	Tr=50 anni	127.33	16.56	19.33	20.16	0.016309	4.02	31.69	53.24	444.21	517.47
Morimenta	ReachM1	357.0574	Tr=100 anni	140.64	16.56	19.38	20.24	0.015917	4.10	34.33	55.05	443.53	517.60
Morimenta	ReachM1	357.0574	Tr=200 anni	154.05	16.56	19.43	20.32	0.015574	4.17	36.92	56.68	442.95	517.81
Morimenta	ReachM1	357.0574	Tr=500 anni	172.01	16.56	19.49	20.41	0.015201	4.24	40.58	59.84	440.63	518.10
Morimenta	ReachM1	282.437	Tr=50 anni	127.33	15.75	18.85	19.15	0.008465	2.41	52.84	118.76	465.26	584.01
Morimenta	ReachM1	282.437	Tr=100 anni	140.64	15.75	18.87	19.20	0.009140	2.56	54.91	119.31	465.01	584.31
Morimenta	ReachM1	282.437	Tr=200 anni	154.05	15.75	18.88	19.26	0.009767	2.70	57.09	120.57	463.97	584.54
Morimenta	ReachM1	282.437	Tr=500 anni	172.01	15.75	18.91	19.33	0.010367	2.85	60.28	122.46	462.40	584.87
Morimenta	ReachM1	233.0032	Tr=50 anni	127.33	15.07	18.41	18.73	0.008074	2.51	50.74	103.26	468.39	571.66
Morimenta	ReachM1	233.0032	Tr=100 anni	140.64	15.07	18.45	18.79	0.007764	2.56	54.96	105.55	466.93	573.94
Morimenta	ReachM1	233.0032	Tr=200 anni	154.05	15.07	18.50	18.83	0.007244	2.56	60.20	109.82	464.86	574.69
Morimenta	ReachM1	233.0032	Tr=500 anni	172.01	15.07	18.56	18.90	0.006716	2.56	67.18	115.78	461.92	580.24
Morimenta	ReachM1	173.6433	Tr=50 anni	127.33	15.88	17.85	18.28	0.007031	2.89	44.10	66.01	491.29	557.30
Morimenta	ReachM1	173.6433	Tr=100 anni	140.64	15.88	18.03	18.35	0.004105	2.50	56.25	69.81	488.31	558.12
Morimenta	ReachM1	173.6433	Tr=200 anni	154.05	15.88	18.08	18.42	0.004145	2.59	59.46	70.46	487.93	558.39

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
Morimenta	ReachM1	173.6433	Tr=500 anni	172.01	15.88	18.03	18.51	0.006070	3.05	56.45	69.85	488.28	558.14
Morimenta	ReachM1	125.0951	Tr=50 anni	127.33	15.17	17.64	18.04	0.004877	2.79	45.58	54.13	530.51	593.52
Morimenta	ReachM1	125.0951	Tr=100 anni	140.64	15.17	17.74	18.11	0.005479	2.72	51.73	70.12	525.65	595.77
Morimenta	ReachM1	125.0951	Tr=200 anni	154.05	15.17	17.80	18.18	0.005527	2.75	56.00	75.15	521.32	596.47
Morimenta	ReachM1	125.0951	Tr=500 anni	172.01	15.17	17.87	18.27	0.005337	2.80	61.51	78.47	518.85	597.32
Morimenta	ReachM1	74.33189	Tr=50 anni	127.33	14.72	17.45	17.73	0.005925	2.34	54.48	98.71	494.08	602.23
Morimenta	ReachM1	74.33189	Tr=100 anni	140.64	14.72	17.46	17.79	0.006864	2.54	55.40	99.01	494.04	602.36
Morimenta	ReachM1	74.33189	Tr=200 anni	154.05	14.72	17.47	17.85	0.007834	2.74	56.31	99.31	494.00	602.50
Morimenta	ReachM1	74.33189	Tr=500 anni	172.01	14.72	17.50	17.93	0.008354	2.90	59.23	100.26	493.87	602.94
Morimenta	ReachM1	44.25603	Tr=50 anni	127.33	14.18	17.04	17.47	0.012750	2.90	43.95	102.08	465.85	567.93
Morimenta	ReachM1	44.25603	Tr=100 anni	140.64	14.18	17.08	17.51	0.011544	2.92	48.16	102.59	465.55	568.15
Morimenta	ReachM1	44.25603	Tr=200 anni	154.05	14.18	17.11	17.57	0.011091	2.99	51.56	103.00	465.32	568.32
Morimenta	ReachM1	44.25603	Tr=500 anni	172.01	14.18	17.15	17.64	0.010878	3.10	55.51	103.47	465.05	568.51
G.suForru	ReachM1	2334.859	Tr=50 anni	37.84	101.68	103.10	104.84	0.025344	5.84	6.48	8.38	36.23	44.61
G.suForru	ReachM1	2334.859	Tr=100 anni	41.90	101.68	103.17	104.97	0.025066	5.95	7.04	8.79	35.93	44.72
G.suForru	ReachM1	2334.859	Tr=200 anni	45.99	101.68	103.23	105.10	0.024844	6.06	7.59	9.16	35.66	44.82
G.suForru	ReachM1	2334.859	Tr=500 anni	51.48	101.68	103.30	105.26	0.024582	6.20	8.31	9.62	35.33	44.94
G.suForru	ReachM1	2297.877	Tr=50 anni	37.84	99.67	100.63	103.16	0.090892	7.04	5.38	14.21	37.90	60.13
G.suForru	ReachM1	2297.877	Tr=100 anni	41.90	99.67	100.66	103.28	0.093680	7.17	5.85	15.41	37.28	60.22
G.suForru	ReachM1	2297.877	Tr=200 anni	45.99	99.67	100.69	103.38	0.099712	7.27	6.33	17.15	36.01	60.29
G.suForru	ReachM1	2297.877	Tr=500 anni	51.48	99.67	100.73	103.54	0.101855	7.43	6.93	18.46	35.32	60.37
G.suForru	ReachM1	2256.012	Tr=50 anni	37.84	97.16	97.93	99.66	0.067156	5.83	6.50	18.31	21.65	48.90
G.suForru	ReachM1	2256.012	Tr=100 anni	41.90	97.16	97.96	99.77	0.065823	5.96	7.03	18.83	21.48	49.16
G.suForru	ReachM1	2256.012	Tr=200 anni	45.99	97.16	97.99	99.85	0.063156	6.04	7.61	19.38	21.31	49.42
G.suForru	ReachM1	2256.012	Tr=500 anni	51.48	97.16	98.03	100.00	0.062308	6.23	8.27	19.89	21.12	49.53
G.suForru	ReachM1	2226.183	Tr=50 anni	37.84	94.89	95.93	97.38	0.081091	5.35	7.08	26.31	51.79	82.56
G.suForru	ReachM1	2226.183	Tr=100 anni	41.90	94.89	95.94	97.52	0.081852	5.55	7.54	26.68	51.68	82.62
G.suForru	ReachM1	2226.183	Tr=200 anni	45.99	94.89	95.96	97.65	0.082952	5.76	7.99	27.02	51.57	82.69
G.suForru	ReachM1	2226.183	Tr=500 anni	51.48	94.89	95.98	97.82	0.083689	6.00	8.58	27.47	51.42	82.77
G.suForru	ReachM1	2172.711	Tr=50 anni	37.84	93.68	94.23	94.93	0.025354	3.71	10.21	27.78	135.44	163.22
G.suForru	ReachM1	2172.711	Tr=100 anni	41.90	93.68	94.25	95.01	0.025811	3.87	10.84	28.04	135.34	163.38
G.suForru	ReachM1	2172.711	Tr=200 anni	45.99	93.68	94.27	95.10	0.026187	4.02	11.44	28.22	135.25	163.47
G.suForru	ReachM1	2172.711	Tr=500 anni	51.48	93.68	94.30	95.21	0.026736	4.22	12.20	28.44	135.14	163.58
G.suForru	ReachM1	2136.906	Tr=50 anni	37.84	91.68	92.56	93.80	0.036347	4.92	7.68	17.77	92.83	110.59
G.suForru	ReachM1	2136.906	Tr=100 anni	41.90	91.68	92.60	93.87	0.036220	5.00	8.39	18.93	91.75	110.69
G.suForru	ReachM1	2136.906	Tr=200 anni	45.99	91.68	92.63	93.95	0.036342	5.08	9.05	19.98	90.97	110.95
G.suForru	ReachM1	2136.906	Tr=500 anni	51.48	91.68	92.67	94.06	0.035392	5.22	9.86	20.49	90.76	111.26
G.suForru	ReachM1	2092.465	Tr=50 anni	37.84	88.57	89.92	91.98	0.042150	6.36	5.95	10.04	65.69	75.73
G.suForru	ReachM1	2092.465	Tr=100 anni	41.90	88.57	89.97	92.08	0.041008	6.43	6.52	10.62	65.42	76.04
G.suForru	ReachM1	2092.465	Tr=200 anni	45.99	88.57	90.03	92.17	0.040004	6.49	7.09	11.17	65.05	76.22
G.suForru	ReachM1	2092.465	Tr=500 anni	51.48	88.57	90.09	92.32	0.039386	6.62	7.78	11.78	64.64	76.42
G.suForru	ReachM1	2050.602	Tr=50 anni	37.84	86.88	87.84	89.99	0.053638	6.48	5.84	11.77	42.73	54.50
G.suForru	ReachM1	2050.602	Tr=100 anni	41.90	86.88	87.88	90.14	0.051895	6.65	6.30	11.91	42.64	54.55
G.suForru	ReachM1	2050.602	Tr=200 anni	45.99	86.88	87.92	90.28	0.050255	6.80	6.76	12.05	42.55	54.60
G.suForru	ReachM1	2050.602	Tr=500 anni	51.48	86.88	87.97	90.47	0.048578	7.00	7.35	12.23	42.43	54.66
G.suForru	ReachM1	2002.484	Tr=50 anni	38.68	84.86	85.95	87.87	0.034900	6.14	6.30	9.91	52.17	62.08
G.suForru	ReachM1	2002.484	Tr=100 anni	42.83	84.86	85.99	88.05	0.035156	6.35	6.74	10.12	52.09	62.21
G.suForru	ReachM1	2002.484	Tr=200 anni	47.01	84.86	86.03	88.22	0.035358	6.55	7.18	10.32	52.02	62.34
G.suForru	ReachM1	2002.484	Tr=500 anni	52.62	84.86	86.09	88.42	0.035943	6.76	7.78	10.79	51.92	62.71
G.suForru	ReachM1	1958.335	Tr=50 anni	38.68	82.69	83.82	86.05	0.047338	6.62	5.84	10.24	59.45	69.68
G.suForru	ReachM1	1958.335	Tr=100 anni	42.83	82.69	83.86	86.23	0.047013	6.81	6.29	10.48	59.36	69.84
G.suForru	ReachM1	1958.335	Tr=200 anni	47.01	82.69	83.90	86.40	0.046859	7.00	6.71	10.71	59.28	69.99
G.suForru	ReachM1	1958.335	Tr=500 anni	52.62	82.69	83.96	86.60	0.046092	7.21	7.30	11.02	59.18	70.19
G.suForru	ReachM1	1925.231	Tr=50 anni	38.68	81.90	82.66	84.12	0.055773	5.35	7.23	20.28	47.57	67.86
G.suForru	ReachM1	1925.231	Tr=100 anni	42.83	81.90	82.68	84.28	0.057400	5.60	7.64	20.45	47.45	67.90
G.suForru	ReachM1	1925.231	Tr=200 anni	47.01	81.90	82.70	84.44	0.058851	5.84	8.05	20.61	47.34	67.95
G.suForru	ReachM1	1925.231	Tr=500 anni	52.62	81.90	82.73	84.65	0.060389	6.13	8.58	20.80	47.21	68.01
G.suForru	ReachM1	1875.77	Tr=50 anni	38.68	80.63	81.25	82.20	0.024800	4.31	8.97	19.09	44.95	64.04
G.suForru	ReachM1	1875.77	Tr=100 anni	42.83	80.63	81.28	82.31	0.025174	4.48	9.56	19.45	44.74	64.19
G.suForru	ReachM1	1875.77	Tr=200 anni	47.01	80.63	81.31	82.41	0.025582	4.64	10.13	19.78	44.55	64.32
G.suForru	ReachM1	1875.77	Tr=500 anni	52.62	80.63	81.35	82.54	0.026130	4.84	10.87	20.20	44.30	64.50
G.suForru	ReachM1	1848.183	Tr=50 anni	38.68	79.26	79.90	81.14	0.062189	4.94	7.84	27.19	56.99	84.18
G.suForru	ReachM1	1848.183	Tr=100 anni	42.83	79.26	79.92	81.25	0.060926	5.10	8.40	27.36	56.91	84.27
G.suForru	ReachM1	1848.183	Tr=200 anni	47.01	79.26	79.94	81.35	0.059981	5.25	8.95	27.51	56.83	84.34
G.suForru	ReachM1	1848.183	Tr=500 anni	52.62	79.26	79.97	81.48	0.058608	5.44	9.67	27.72	56.72	84.45
G.suForru	ReachM1	1824.39	Tr=50 anni	38.68	78.38	79.27	80.02	0.028963	3.83	10.09	28.72	36.57	65.29
G.suForru	ReachM1	1824.39	Tr=100 anni	42.83	78.38	79.29	80.11	0.029755	4.02	10.67	28.91	36.43	65.34
G.suForru	ReachM1	1824.39	Tr=200 anni	47.01	78.38	79.31	80.21	0.030472	4.19	11.22	29.08	36.31	65.39
G.suForru	ReachM1	1824.39	Tr=500 anni	52.62	78.38	79.34	80.33	0.031331	4.41	11.95	29.29	36.17	65.45
G.suForru	ReachM1	1798.838	Tr=50 anni	38.68	77.32	77.97	79.04	0.048932	4.59	8.43	27.29	39.63	66.91
G.suForru	ReachM1	1798.838	Tr=100 anni	42.83	77.32	77.99	79.13	0.047775	4.73	9.06	27.53	39.46	67.00
G.suForru	ReachM1	1798.838	Tr=200 anni	47.01	77.32	78.02	79.22	0.046883	4.86	9.67	27.77	39.31	67.08
G.suForru	ReachM1	1798.838	Tr=500 anni	52.62	77.32	78.04	79.33	0.045941	5.03	10.46	28.07	39.11	67.18

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.suForru	ReachM1	1746.67	Tr=50 anni	38.68	75.33	76.12	77.17	0.027298	4.55	8.50	17.85	92.90	110.75
G.suForru	ReachM1	1746.67	Tr=100 anni	42.83	75.33	76.15	77.27	0.027497	4.70	9.11	18.35	92.74	111.09
G.suForru	ReachM1	1746.67	Tr=200 anni	47.01	75.33	76.18	77.37	0.027619	4.83	9.74	18.90	92.53	111.43
G.suForru	ReachM1	1746.67	Tr=500 anni	52.62	75.33	76.22	77.50	0.027745	4.99	10.54	19.49	92.26	111.76
G.suForru	ReachM1	1694.469	Tr=50 anni	38.68	72.42	73.16	74.95	0.068775	5.93	6.52	18.41	48.16	66.57
G.suForru	ReachM1	1694.469	Tr=100 anni	42.83	72.42	73.18	75.07	0.066476	6.09	7.04	18.64	48.00	66.63
G.suForru	ReachM1	1694.469	Tr=200 anni	47.01	72.42	73.21	75.19	0.064168	6.23	7.55	18.79	47.90	66.69
G.suForru	ReachM1	1694.469	Tr=500 anni	52.62	72.42	73.25	75.34	0.061544	6.41	8.21	18.97	47.80	66.77
G.suForru	ReachM1	1670.129	Tr=50 anni	38.68	71.85	72.34	73.38	0.045483	4.52	8.56	26.67	20.75	47.42
G.suForru	ReachM1	1670.129	Tr=100 anni	42.83	71.85	72.35	73.50	0.046990	4.75	9.03	26.75	20.73	47.47
G.suForru	ReachM1	1670.129	Tr=200 anni	47.01	71.85	72.37	73.62	0.048194	4.96	9.48	26.82	20.70	47.52
G.suForru	ReachM1	1670.129	Tr=500 anni	52.62	71.85	72.39	73.79	0.049784	5.23	10.06	26.91	20.67	47.58
G.suForru	ReachM1	1649.605	Tr=50 anni	38.68	70.79	71.68	72.49	0.035180	3.99	9.70	30.07	25.28	58.79
G.suForru	ReachM1	1649.605	Tr=100 anni	42.83	70.79	71.70	72.58	0.036102	4.16	10.30	30.64	25.19	58.85
G.suForru	ReachM1	1649.605	Tr=200 anni	47.01	70.79	71.72	72.67	0.037092	4.32	10.88	31.17	25.11	58.90
G.suForru	ReachM1	1649.605	Tr=500 anni	52.62	70.79	71.74	72.78	0.038877	4.51	11.67	32.43	25.00	58.96
G.suForru	ReachM2	1603.44	Tr=50 anni	43.43	69.15	69.91	71.00	0.028905	4.64	9.37	20.01	34.64	54.65
G.suForru	ReachM2	1603.44	Tr=100 anni	48.09	69.15	69.94	71.10	0.028067	4.76	10.10	20.24	34.55	54.79
G.suForru	ReachM2	1603.44	Tr=200 anni	52.79	69.15	69.98	71.19	0.027347	4.88	10.81	20.46	34.46	54.92
G.suForru	ReachM2	1603.44	Tr=500 anni	59.09	69.15	70.03	71.31	0.026313	5.02	11.77	20.76	34.33	55.09
G.suForru	ReachM2	1568.408	Tr=50 anni	43.43	67.09	67.96	69.63	0.050556	5.72	7.59	17.88	56.13	74.01
G.suForru	ReachM2	1568.408	Tr=100 anni	48.09	67.09	67.99	69.76	0.049226	5.89	8.17	18.09	56.07	74.15
G.suForru	ReachM2	1568.408	Tr=200 anni	52.79	67.09	68.02	69.88	0.048044	6.04	8.74	18.28	56.01	74.29
G.suForru	ReachM2	1568.408	Tr=500 anni	59.09	67.09	68.07	70.04	0.046477	6.22	9.50	18.54	55.93	74.47
G.suForru	ReachM2	1518.802	Tr=50 anni	43.43	64.99	66.64	68.10	0.019384	5.36	8.11	9.66	35.65	45.31
G.suForru	ReachM2	1518.802	Tr=100 anni	48.09	64.99	66.71	68.22	0.019598	5.44	8.84	10.41	35.56	45.97
G.suForru	ReachM2	1518.802	Tr=200 anni	52.79	64.99	66.78	68.33	0.019830	5.52	9.56	11.12	35.48	46.60
G.suForru	ReachM2	1518.802	Tr=500 anni	59.09	64.99	66.86	68.47	0.020215	5.61	10.53	12.17	35.37	47.55
G.suForru	ReachM2	1464.666	Tr=50 anni	43.43	61.82	62.69	65.93	0.095920	7.97	5.45	12.56	35.72	48.28
G.suForru	ReachM2	1464.666	Tr=100 anni	48.09	61.82	62.73	66.06	0.091000	8.08	5.95	12.91	35.60	48.51
G.suForru	ReachM2	1464.666	Tr=200 anni	52.79	61.82	62.77	66.18	0.086797	8.18	6.45	13.24	35.49	48.73
G.suForru	ReachM2	1464.666	Tr=500 anni	59.09	61.82	62.82	66.33	0.081723	8.29	7.12	13.70	35.34	49.04
G.suForru	ReachM2	1415.174	Tr=50 anni	43.43	60.14	61.38	63.13	0.028365	5.85	7.43	10.66	40.25	50.91
G.suForru	ReachM2	1415.174	Tr=100 anni	48.09	60.14	61.44	63.27	0.028954	5.99	8.03	11.29	40.17	51.46
G.suForru	ReachM2	1415.174	Tr=200 anni	52.79	60.14	61.48	63.43	0.029201	6.18	8.54	11.50	40.11	51.61
G.suForru	ReachM2	1415.174	Tr=500 anni	59.09	60.14	61.54	63.64	0.029181	6.42	9.20	11.67	40.01	51.69
G.suForru	ReachM2	1370.113	Tr=50 anni	43.43	57.70	58.82	61.37	0.051084	7.06	6.15	10.52	65.17	75.68
G.suForru	ReachM2	1370.113	Tr=100 anni	48.09	57.70	58.87	61.50	0.050239	7.18	6.70	11.06	65.02	76.08
G.suForru	ReachM2	1370.113	Tr=200 anni	52.79	57.70	58.92	61.65	0.050503	7.32	7.21	11.60	64.83	76.42
G.suForru	ReachM2	1370.113	Tr=500 anni	59.09	57.70	58.98	61.84	0.052897	7.49	7.89	12.70	64.32	77.03
G.suForru	ReachM2	1325.722	Tr=50 anni	43.43	55.92	57.15	59.29	0.038366	6.49	6.69	10.29	93.15	103.45
G.suForru	ReachM2	1325.722	Tr=100 anni	48.09	55.92	57.20	59.46	0.038009	6.67	7.21	10.57	92.98	103.55
G.suForru	ReachM2	1325.722	Tr=200 anni	52.79	55.92	57.24	59.62	0.037623	6.83	7.73	10.84	92.81	103.66
G.suForru	ReachM2	1325.722	Tr=500 anni	59.09	55.92	57.31	59.79	0.036399	6.98	8.47	11.22	92.58	103.80
G.suForru	ReachM2	1280.944	Tr=50 anni	43.43	54.47	55.65	57.33	0.043279	5.75	7.56	15.64	45.31	60.95
G.suForru	ReachM2	1280.944	Tr=100 anni	48.09	54.47	55.68	57.50	0.043944	5.99	8.03	15.81	45.20	61.01
G.suForru	ReachM2	1280.944	Tr=200 anni	52.79	54.47	55.71	57.67	0.044379	6.21	8.51	15.98	45.10	61.08
G.suForru	ReachM2	1280.944	Tr=500 anni	59.09	54.47	55.75	57.88	0.044841	6.48	9.12	16.19	44.96	61.16
G.suForru	ReachM2	1238.602	Tr=50 anni	43.43	53.14	54.31	55.45	0.038300	4.73	9.19	23.08	34.08	58.10
G.suForru	ReachM2	1238.602	Tr=100 anni	48.09	53.14	54.33	55.56	0.039491	4.91	9.80	23.82	33.95	58.12
G.suForru	ReachM2	1238.602	Tr=200 anni	52.79	53.14	54.36	55.68	0.040648	5.10	10.36	24.30	33.84	58.14
G.suForru	ReachM2	1238.602	Tr=500 anni	59.09	53.14	54.39	55.85	0.041767	5.36	11.02	24.46	33.70	58.16
G.suForru	ReachM2	1204.453	Tr=50 anni	43.43	50.85	52.35	53.92	0.049513	5.55	7.82	18.42	52.15	72.51
G.suForru	ReachM2	1204.453	Tr=100 anni	48.09	50.85	52.39	54.03	0.048236	5.68	8.46	18.85	52.05	72.54
G.suForru	ReachM2	1204.453	Tr=200 anni	52.79	50.85	52.42	54.14	0.047426	5.82	9.07	19.25	51.97	72.56
G.suForru	ReachM2	1204.453	Tr=500 anni	59.09	50.85	52.46	54.30	0.047254	6.01	9.84	19.84	51.86	72.59
G.suForru	ReachM2	1177.858	Tr=50 anni	43.43	50.11	51.39	52.97	0.026868	5.58	7.79	11.68	60.44	72.12
G.suForru	ReachM2	1177.858	Tr=100 anni	48.09	50.11	51.44	53.09	0.027054	5.69	8.45	12.37	60.20	72.57
G.suForru	ReachM2	1177.858	Tr=200 anni	52.79	50.11	51.50	53.20	0.027172	5.79	9.13	13.08	59.93	73.01
G.suForru	ReachM2	1177.858	Tr=500 anni	59.09	50.11	51.56	53.34	0.027248	5.91	10.00	13.91	59.61	73.52
G.suForru	ReachM2	1146.735	Tr=50 anni	43.43	47.90	49.04	51.75	0.049367	7.30	5.95	9.25	40.23	49.49
G.suForru	ReachM2	1146.735	Tr=100 anni	48.09	47.90	49.09	51.88	0.047550	7.40	6.50	9.63	40.15	49.78
G.suForru	ReachM2	1146.735	Tr=200 anni	52.79	47.90	49.15	52.01	0.045889	7.49	7.05	9.99	40.07	50.06
G.suForru	ReachM2	1146.735	Tr=500 anni	59.09	47.90	49.22	52.16	0.044320	7.59	7.78	10.51	39.97	50.48
G.suForru	ReachM2	1102.94	Tr=50 anni	44.91	45.29	45.99	48.94	0.084481	7.61	5.90	13.34	31.40	44.74
G.suForru	ReachM2	1102.94	Tr=100 anni	49.73	45.29	46.02	49.14	0.083184	7.82	6.36	13.64	31.26	44.90
G.suForru	ReachM2	1102.94	Tr=200 anni	54.59	45.29	46.06	49.33	0.081564	8.02	6.81	13.87	31.12	44.99
G.suForru	ReachM2	1102.94	Tr=500 anni	61.11	45.29	46.10	49.56	0.079024	8.24	7.42	14.13	30.97	45.11
G.suForru	ReachM2	1077.016	Tr=50 anni	44.91	43.78	44.70	46.92	0.057904	6.60	6.80	14.22	23.78	38.00
G.suForru	ReachM2	1077.016	Tr=100 anni	49.73	43.78	44.73	47.13	0.058524	6.86	7.25	14.43	23.65	38.08
G.suForru	ReachM2	1077.016	Tr=200 anni	54.59	43.78	44.76	47.33	0.059035	7.10	7.69	14.62	23.52	38.15
G.suForru	ReachM2	1077.016	Tr=500 anni	61.11	43.78	44.80	47.59	0.059500	7.39	8.27	14.88	23.36	38.24

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.suForr	ReachM2	1050.271	Tr=50 anni	44.91	42.70	43.54	45.42	0.047520	6.09	7.37	15.13	44.27	59.40
G.suForr	ReachM2	1050.271	Tr=100 anni	49.73	42.70	43.57	45.56	0.050411	6.24	7.97	16.48	44.13	60.62
G.suForr	ReachM2	1050.271	Tr=200 anni	54.59	42.70	43.60	45.73	0.051140	6.47	8.44	16.71	44.04	60.75
G.suForr	ReachM2	1050.271	Tr=500 anni	61.11	42.70	43.64	45.96	0.051984	6.76	9.04	16.97	43.94	60.91
G.suForr	ReachM2	1021.018	Tr=50 anni	44.91	41.61	42.68	44.27	0.028694	5.59	8.03	12.70	38.58	51.28
G.suForr	ReachM2	1021.018	Tr=100 anni	49.73	41.61	42.73	44.38	0.027874	5.69	8.74	13.18	38.30	51.48
G.suForr	ReachM2	1021.018	Tr=200 anni	54.59	41.61	42.78	44.52	0.028498	5.86	9.32	13.69	37.95	51.64
G.suForr	ReachM2	1021.018	Tr=500 anni	61.11	41.61	42.83	44.70	0.029515	6.07	10.08	14.43	37.52	51.95
G.suForr	ReachM2	996.9495	Tr=50 anni	44.91	41.22	42.20	43.33	0.039138	4.72	9.52	24.48	64.03	88.51
G.suForr	ReachM2	996.9495	Tr=100 anni	49.73	41.22	42.22	43.46	0.040001	4.94	10.07	24.55	64.01	88.56
G.suForr	ReachM2	996.9495	Tr=200 anni	54.59	41.22	42.24	43.59	0.040589	5.14	10.62	24.63	63.99	88.61
G.suForr	ReachM2	996.9495	Tr=500 anni	61.11	41.22	42.27	43.75	0.041018	5.38	11.35	24.73	63.95	88.68
G.suForr	ReachM2	970.4279	Tr=50 anni	44.91	40.02	40.93	42.25	0.041355	5.09	8.82	21.22	21.49	42.71
G.suForr	ReachM2	970.4279	Tr=100 anni	49.73	40.02	40.96	42.37	0.041058	5.27	9.44	21.42	21.37	42.79
G.suForr	ReachM2	970.4279	Tr=200 anni	54.59	40.02	40.99	42.49	0.040865	5.44	10.03	21.61	21.26	42.87
G.suForr	ReachM2	970.4279	Tr=500 anni	61.11	40.02	41.02	42.65	0.040527	5.66	10.80	21.78	21.19	42.97
G.suForr	ReachM2	941.2056	Tr=50 anni	44.91	39.26	40.38	41.32	0.020132	4.28	10.48	19.08	38.42	57.50
G.suForr	ReachM2	941.2056	Tr=100 anni	49.73	39.26	40.42	41.43	0.020422	4.47	11.14	19.24	38.34	57.58
G.suForr	ReachM2	941.2056	Tr=200 anni	54.59	39.26	40.45	41.54	0.020735	4.63	11.78	19.47	38.27	57.74
G.suForr	ReachM2	941.2056	Tr=500 anni	61.11	39.26	40.49	41.69	0.021211	4.84	12.62	19.84	38.17	58.01
G.suForr	ReachM2	885.1722	Tr=50 anni	44.91	36.61	37.46	39.40	0.060265	6.18	7.27	17.23	66.34	83.57
G.suForr	ReachM2	885.1722	Tr=100 anni	49.73	36.61	37.49	39.53	0.057667	6.32	7.87	17.41	66.23	83.64
G.suForr	ReachM2	885.1722	Tr=200 anni	54.59	36.61	37.53	39.65	0.055410	6.46	8.46	17.60	66.11	83.72
G.suForr	ReachM2	885.1722	Tr=500 anni	61.11	36.61	37.57	39.80	0.052731	6.62	9.24	17.85	65.97	83.82
G.suForr	ReachM2	861.4163	Tr=50 anni	44.91	35.48	36.17	38.05	0.052573	6.07	7.40	16.56	65.65	82.21
G.suForr	ReachM2	861.4163	Tr=100 anni	49.73	35.48	36.21	38.22	0.052715	6.28	7.92	16.84	65.54	82.38
G.suForr	ReachM2	861.4163	Tr=200 anni	54.59	35.48	36.24	38.37	0.052494	6.47	8.44	17.11	65.43	82.54
G.suForr	ReachM2	861.4163	Tr=500 anni	61.11	35.48	36.28	38.56	0.051741	6.69	9.14	17.44	65.29	82.72
G.suForr	ReachM2	819.6576	Tr=50 anni	44.91	33.38	34.54	36.03	0.039959	5.41	8.29	17.45	48.04	65.49
G.suForr	ReachM2	819.6576	Tr=100 anni	49.73	33.38	34.57	36.19	0.040189	5.64	8.82	17.55	47.98	65.52
G.suForr	ReachM2	819.6576	Tr=200 anni	54.59	33.38	34.60	36.34	0.040388	5.84	9.34	17.64	47.92	65.55
G.suForr	ReachM2	819.6576	Tr=500 anni	61.11	33.38	34.63	36.53	0.040596	6.10	10.01	17.75	47.84	65.59
G.suForr	ReachM2	788.357	Tr=50 anni	44.91	32.85	33.87	35.00	0.022435	4.71	9.53	16.34	56.89	73.24
G.suForr	ReachM2	788.357	Tr=100 anni	49.73	32.85	33.91	35.13	0.023062	4.90	10.16	16.79	56.66	73.45
G.suForr	ReachM2	788.357	Tr=200 anni	54.59	32.85	33.94	35.26	0.023662	5.07	10.76	17.21	56.45	73.66
G.suForr	ReachM2	788.357	Tr=500 anni	61.11	32.85	33.99	35.42	0.024535	5.30	11.52	17.71	56.19	73.91
G.suForr	ReachM2	760.6349	Tr=50 anni	44.91	31.45	33.04	34.40	0.019144	5.18	8.67	10.98	30.20	41.18
G.suForr	ReachM2	760.6349	Tr=100 anni	49.73	31.45	33.10	34.52	0.019469	5.28	9.41	11.74	30.12	41.86
G.suForr	ReachM2	760.6349	Tr=200 anni	54.59	31.45	33.16	34.64	0.019813	5.38	10.14	12.47	30.04	42.51
G.suForr	ReachM2	760.6349	Tr=500 anni	61.11	31.45	33.25	34.74	0.024311	5.41	11.29	16.23	29.93	50.12
G.suForr	ReachM2	735.342	Tr=50 anni	44.91	30.70	32.00	33.76	0.030576	5.88	7.64	11.69	30.58	42.27
G.suForr	ReachM2	735.342	Tr=100 anni	49.73	30.70	32.06	33.88	0.030545	5.98	8.32	12.41	30.42	42.83
G.suForr	ReachM2	735.342	Tr=200 anni	54.59	30.70	32.11	33.98	0.031195	6.06	9.01	13.40	30.27	43.67
G.suForr	ReachM2	735.342	Tr=500 anni	61.11	30.70	32.19	34.01	0.031810	5.96	10.24	15.85	30.04	45.90
G.suForr	ReachM2	713.8664	Tr=50 anni	44.91	29.91	31.43	32.85	0.047556	5.26	8.53	21.47	42.62	66.80
G.suForr	ReachM2	713.8664	Tr=100 anni	49.73	29.91	31.46	32.97	0.048233	5.44	9.14	22.14	42.57	66.87
G.suForr	ReachM2	713.8664	Tr=200 anni	54.59	29.91	31.50	33.04	0.050509	5.51	9.91	24.42	42.52	66.94
G.suForr	ReachM2	713.8664	Tr=500 anni	61.11	29.91	31.54	33.12	0.045860	5.58	10.95	24.59	42.45	67.04
G.suForr	ReachM2	681.6066	Tr=50 anni	44.91	29.15	30.17	31.72	0.026189	5.52	8.14	12.25	33.34	45.59
G.suForr	ReachM2	681.6066	Tr=100 anni	49.73	29.15	30.22	31.85	0.025805	5.65	8.80	12.64	33.12	45.76
G.suForr	ReachM2	681.6066	Tr=200 anni	54.59	29.15	30.28	31.93	0.024482	5.69	9.59	13.08	32.89	45.96
G.suForr	ReachM2	681.6066	Tr=500 anni	61.11	29.15	30.35	32.08	0.023744	5.82	10.50	13.54	32.65	46.19
G.suForr	ReachM2	655.2656	Tr=50 anni	44.91	28.31	29.27	30.99	0.028086	5.81	7.73	11.28	66.48	77.76
G.suForr	ReachM2	655.2656	Tr=100 anni	49.73	28.31	29.32	31.13	0.027533	5.95	8.36	11.57	66.37	77.94
G.suForr	ReachM2	655.2656	Tr=200 anni	54.59	28.31	29.38	31.24	0.026590	6.04	9.04	11.90	66.22	78.13
G.suForr	ReachM2	655.2656	Tr=500 anni	61.11	28.31	29.45	31.40	0.025875	6.18	9.88	12.30	66.05	78.35
G.suForr	ReachM2	631.2346	Tr=50 anni	44.91	27.45	28.76	30.32	0.023768	5.54	8.11	11.16	58.94	70.09
G.suForr	ReachM2	631.2346	Tr=100 anni	49.73	27.45	28.82	30.46	0.024192	5.68	8.76	11.75	58.69	70.44
G.suForr	ReachM2	631.2346	Tr=200 anni	54.59	27.45	28.87	30.58	0.024539	5.79	9.42	12.42	58.44	70.86
G.suForr	ReachM2	631.2346	Tr=500 anni	61.11	27.45	28.95	30.69	0.028116	5.83	10.48	15.23	58.09	73.31
G.suForr	ReachM2	607.6316	Tr=50 anni	44.91	27.45	28.29	29.40	0.050165	4.66	9.64	31.01	59.51	90.52
G.suForr	ReachM2	607.6316	Tr=100 anni	49.73	27.45	28.31	29.52	0.052084	4.88	10.19	31.42	59.44	90.87
G.suForr	ReachM2	607.6316	Tr=200 anni	54.59	27.45	28.33	29.64	0.053323	5.08	10.75	31.79	59.37	91.16
G.suForr	ReachM2	607.6316	Tr=500 anni	61.11	27.45	28.36	29.71	0.049130	5.14	11.89	32.52	59.24	91.76
G.suForr	ReachM2	574.8351	Tr=50 anni	44.91	26.38	27.42	28.00	0.029517	3.37	13.31	46.70	50.96	97.66
G.suForr	ReachM2	574.8351	Tr=100 anni	49.73	26.38	27.44	28.07	0.030454	3.51	14.19	48.11	49.66	97.76
G.suForr	ReachM2	574.8351	Tr=200 anni	54.59	26.38	27.46	28.13	0.031321	3.65	14.95	48.71	49.13	97.84
G.suForr	ReachM2	574.8351	Tr=500 anni	61.11	26.38	27.48	28.23	0.032668	3.84	15.89	49.45	48.49	97.95
G.suForr	ReachM2	552.7308	Tr=50 anni	46.66	25.89	26.72	27.31	0.033545	3.39	13.77	52.82	122.18	176.52
G.suForr	ReachM2	552.7308	Tr=100 anni	51.66	25.89	26.74	27.36	0.033107	3.49	14.78	53.63	121.82	176.76
G.suForr	ReachM2	552.7308	Tr=200 anni	56.70	25.89	26.76	27.42	0.032940	3.61	15.72	54.18	121.68	176.98
G.suForr	ReachM2	552.7308	Tr=500 anni	63.47	25.89	26.78	27.50	0.032582	3.74	16.96	54.90	121.50	177.26
G.suForr	ReachM2	525.5593	Tr=50 anni	46.66	24.70	25.97	26.50	0.025763	3.22	14.47	48.83	72.67	121.50

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
G.suFornu	ReachM2	525.5593	Tr=100 anni	51.66	24.70	25.99	26.55	0.026135	3.32	15.57	50.86	70.54	121.56
G.suFornu	ReachM2	525.5593	Tr=200 anni	56.70	24.70	26.01	26.61	0.026185	3.44	16.49	51.16	70.44	121.61
G.suFornu	ReachM2	525.5593	Tr=500 anni	63.47	24.70	26.03	26.69	0.026221	3.59	17.67	51.36	70.31	121.67
G.suFornu	ReachM2	505.2959	Tr=50 anni	46.66	24.35	25.30	25.91	0.031783	3.45	13.51	48.05	14.86	65.61
G.suFornu	ReachM2	505.2959	Tr=100 anni	51.66	24.35	25.32	25.97	0.030946	3.55	14.55	48.66	14.72	65.94
G.suFornu	ReachM2	505.2959	Tr=200 anni	56.70	24.35	25.34	26.03	0.030728	3.67	15.47	49.07	14.59	66.11
G.suFornu	ReachM2	505.2959	Tr=500 anni	63.47	24.35	25.37	26.11	0.030593	3.81	16.65	49.59	14.43	66.32
G.suFornu	ReachM2	475.1559	Tr=50 anni	46.66	23.81	24.54	25.04	0.024364	3.14	14.87	50.30	8.93	59.79
G.suFornu	ReachM2	475.1559	Tr=100 anni	51.66	23.81	24.56	25.10	0.024771	3.27	15.78	50.68	8.86	59.90
G.suFornu	ReachM2	475.1559	Tr=200 anni	56.70	23.81	24.58	25.16	0.024972	3.40	16.69	51.06	8.79	60.00
G.suFornu	ReachM2	475.1559	Tr=500 anni	63.47	23.81	24.60	25.24	0.025130	3.55	17.88	51.43	8.71	60.14
G.suFornu	ReachM2	450.9987	Tr=50 anni	46.66	23.45	23.92	24.45	0.024844	3.21	14.52	48.00	3.42	61.10
G.suFornu	ReachM2	450.9987	Tr=100 anni	51.66	23.45	23.94	24.51	0.024702	3.33	15.50	48.32	3.38	61.14
G.suFornu	ReachM2	450.9987	Tr=200 anni	56.70	23.45	23.96	24.56	0.024561	3.44	16.47	48.67	3.33	61.17
G.suFornu	ReachM2	450.9987	Tr=500 anni	63.47	23.45	23.98	24.64	0.024530	3.59	17.69	49.10	3.28	61.21
G.suFornu	ReachM2	428.7596	Tr=50 anni	46.66	23.10	23.52	23.92	0.019399	2.83	16.49	55.08	6.95	65.28
G.suFornu	ReachM2	428.7596	Tr=100 anni	51.66	23.10	23.53	23.98	0.019821	2.96	17.48	55.59	6.89	65.46
G.suFornu	ReachM2	428.7596	Tr=200 anni	56.70	23.10	23.55	24.03	0.020202	3.07	18.44	56.10	6.83	65.64
G.suFornu	ReachM2	428.7596	Tr=500 anni	63.47	23.10	23.57	24.10	0.020654	3.22	19.70	56.80	6.76	65.86
G.suFornu	ReachM2	403.2306	Tr=50 anni	46.66	22.28	22.99	23.38	0.023266	2.76	16.93	67.26	4.86	83.06
G.suFornu	ReachM2	403.2306	Tr=100 anni	51.66	22.28	23.01	23.42	0.023308	2.84	18.20	69.26	4.77	83.50
G.suFornu	ReachM2	403.2306	Tr=200 anni	56.70	22.28	23.02	23.46	0.023720	2.93	19.37	71.30	4.69	84.26
G.suFornu	ReachM2	403.2306	Tr=500 anni	63.47	22.28	23.05	23.52	0.024123	3.04	20.88	73.56	4.59	85.56
G.suFornu	ReachM2	366.1614	Tr=50 anni	46.66	21.10	21.89	22.28	0.038712	2.78	16.77	96.37	11.43	127.22
G.suFornu	ReachM2	366.1614	Tr=100 anni	51.66	21.10	21.90	22.32	0.038996	2.86	18.04	99.83	11.22	127.52
G.suFornu	ReachM2	366.1614	Tr=200 anni	56.70	21.10	21.91	22.35	0.038953	2.92	19.39	103.94	11.10	127.88
G.suFornu	ReachM2	366.1614	Tr=500 anni	63.47	21.10	21.93	22.40	0.038647	3.03	20.94	105.73	10.96	128.37
G.suFornu	ReachM2	251.9132	Tr=50 anni	46.66	17.84	18.27	18.72	0.025576	2.99	15.62	59.31	51.35	184.42
G.suFornu	ReachM2	251.9132	Tr=100 anni	51.66	17.84	18.29	18.77	0.025265	3.08	16.78	60.27	51.23	184.86
G.suFornu	ReachM2	251.9132	Tr=200 anni	56.70	17.84	18.30	18.81	0.025080	3.17	17.91	61.37	51.12	185.23
G.suFornu	ReachM2	251.9132	Tr=500 anni	63.47	17.84	18.33	18.88	0.025053	3.28	19.34	62.74	50.99	185.69
G.suFornu	ReachM2	178.956	Tr=50 anni	46.66	15.67	17.18	17.57	0.010361	2.77	16.84	35.32	0.00	35.32
G.suFornu	ReachM2	178.956	Tr=100 anni	51.66	15.67	17.21	17.63	0.010253	2.87	17.97	35.34	0.00	35.34
G.suFornu	ReachM2	178.956	Tr=200 anni	56.70	15.67	17.24	17.69	0.010096	2.97	19.11	35.37	0.00	35.37
G.suFornu	ReachM2	178.956	Tr=500 anni	63.47	15.67	17.29	17.77	0.009851	3.08	20.62	35.41	0.00	35.41
G.PaniCani	ReachM1	652.1122	Tr=50 anni	4.63	170.83	171.23	171.35	0.007927	1.57	2.95	12.08	11.07	29.89
G.PaniCani	ReachM1	652.1122	Tr=100 anni	5.13	170.83	171.25	171.38	0.007763	1.61	3.19	12.37	11.05	29.96
G.PaniCani	ReachM1	652.1122	Tr=200 anni	5.63	170.83	171.26	171.40	0.007565	1.64	3.43	12.65	11.03	30.02
G.PaniCani	ReachM1	652.1122	Tr=500 anni	6.31	170.83	171.29	171.43	0.007520	1.70	3.72	12.97	11.00	30.11
G.PaniCani	ReachM1	583.6375	Tr=50 anni	4.63	159.75	159.90	168.59	1.821213	13.06	0.35	3.59	36.84	40.43
G.PaniCani	ReachM1	583.6375	Tr=100 anni	5.13	159.75	159.91	168.65	1.682915	13.10	0.39	3.72	36.80	40.52
G.PaniCani	ReachM1	583.6375	Tr=200 anni	5.63	159.75	159.92	168.72	1.571582	13.15	0.43	3.84	36.77	40.61
G.PaniCani	ReachM1	583.6375	Tr=500 anni	6.31	159.75	159.93	168.77	1.437795	13.17	0.48	4.01	36.73	40.73
G.PaniCani	ReachM1	532.7896	Tr=50 anni	4.63	154.06	154.38	155.30	0.078566	4.26	1.09	5.58	17.79	23.37
G.PaniCani	ReachM1	532.7896	Tr=100 anni	5.13	154.06	154.39	155.39	0.079744	4.43	1.16	5.66	17.74	23.40
G.PaniCani	ReachM1	532.7896	Tr=200 anni	5.63	154.06	154.40	155.47	0.080877	4.59	1.23	5.74	17.69	23.43
G.PaniCani	ReachM1	532.7896	Tr=500 anni	6.31	154.06	154.42	155.59	0.082164	4.79	1.32	5.85	17.63	23.47
G.PaniCani	ReachM1	503.3701	Tr=50 anni	4.63	149.50	149.80	151.61	0.217075	5.95	0.78	5.17	22.50	27.66
G.PaniCani	ReachM1	503.3701	Tr=100 anni	5.13	149.50	149.81	151.70	0.210772	6.09	0.84	5.30	22.40	27.70
G.PaniCani	ReachM1	503.3701	Tr=200 anni	5.63	149.50	149.83	151.79	0.205398	6.21	0.91	5.42	22.31	27.73
G.PaniCani	ReachM1	503.3701	Tr=500 anni	6.31	149.50	149.84	151.91	0.199547	6.37	0.99	5.58	22.19	27.77
G.PaniCani	ReachM1	450.0701	Tr=50 anni	4.63	143.47	143.70	144.39	0.085504	3.68	1.26	8.58	29.70	38.28
G.PaniCani	ReachM1	450.0701	Tr=100 anni	5.13	143.47	143.71	144.46	0.087494	3.84	1.33	8.70	29.68	38.38
G.PaniCani	ReachM1	450.0701	Tr=200 anni	5.63	143.47	143.72	144.53	0.089325	3.99	1.41	8.82	29.65	38.47
G.PaniCani	ReachM1	450.0701	Tr=500 anni	6.31	143.47	143.73	144.62	0.091515	4.18	1.51	8.97	29.63	38.59
G.PaniCani	ReachM1	407.6434	Tr=50 anni	4.63	135.79	136.12	138.68	0.221837	7.09	0.65	3.33	42.23	45.56
G.PaniCani	ReachM1	407.6434	Tr=100 anni	5.13	135.79	136.14	138.71	0.218042	7.11	0.72	3.62	42.18	45.80
G.PaniCani	ReachM1	407.6434	Tr=200 anni	5.63	135.79	136.16	138.75	0.214371	7.14	0.79	3.89	42.13	46.03
G.PaniCani	ReachM1	407.6434	Tr=500 anni	6.31	135.79	136.18	138.81	0.209768	7.19	0.88	4.22	42.08	46.30
G.PaniCani	ReachM1	378.3963	Tr=50 anni	4.63	129.83	130.09	132.12	0.216265	6.31	0.73	4.43	37.33	41.75
G.PaniCani	ReachM1	378.3963	Tr=100 anni	5.13	129.83	130.10	132.26	0.214973	6.51	0.79	4.53	37.25	41.77
G.PaniCani	ReachM1	378.3963	Tr=200 anni	5.63	129.83	130.11	132.39	0.214148	6.69	0.84	4.62	37.18	41.79
G.PaniCani	ReachM1	378.3963	Tr=500 anni	6.31	129.83	130.13	132.57	0.213273	6.92	0.91	4.74	37.08	41.82
G.PaniCani	ReachM1	349.7182	Tr=50 anni	4.63	125.68	126.11	127.66	0.110568	5.51	0.84	3.64	24.00	27.64
G.PaniCani	ReachM1	349.7182	Tr=100 anni	5.13	125.68	126.13	127.79	0.111338	5.70	0.90	3.72	23.95	27.66
G.PaniCani	ReachM1	349.7182	Tr=200 anni	5.63	125.68	126.15	127.91	0.111984	5.88	0.96	3.78	23.90	27.68
G.PaniCani	ReachM1	349.7182	Tr=500 anni	6.31	125.68	126.16	128.07	0.112748	6.11	1.03	3.87	23.84	27.71
G.PaniCani	ReachM1	313.2519	Tr=50 anni	4.63	121.81	122.16	123.47	0.115656	5.06	0.91	4.80	37.74	42.54
G.PaniCani	ReachM1	313.2519	Tr=100 anni	5.13	121.81	122.17	123.57	0.115810	5.23	0.98	4.91	37.65	42.56
G.PaniCani	ReachM1	313.2519	Tr=200 anni	5.63	121.81	122.19	123.66	0.116151	5.39	1.04	5.01	37.57	42.58
G.PaniCani	ReachM1	313.2519	Tr=500 anni	6.31	121.81	122.20	123.80	0.116312	5.60	1.13	5.10	37.51	42.61
G.PaniCani	ReachM2	297.3268	Tr=50 anni	28.28	120.56	121.14	123.49	0.096852	6.79	4.16	12.42	25.87	38.29
G.PaniCani	ReachM2	297.3268	Tr=100 anni	31.31	120.56	121.16	123.69	0.097871	7.04	4.45	12.66	25.78	38.44

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.PaniCani	ReachM2	297.3268	Tr=200 anni	34.37	120.56	121.18	123.88	0.098659	7.28	4.72	12.89	25.69	38.58
G.PaniCani	ReachM2	297.3268	Tr=500 anni	38.47	120.56	121.21	124.12	0.099602	7.56	5.09	13.18	25.57	38.75
G.PaniCani	ReachM2	271.1344	Tr=50 anni	28.28	119.26	120.00	121.50	0.047893	5.43	5.21	12.65	28.93	41.58
G.PaniCani	ReachM2	271.1344	Tr=100 anni	31.31	119.26	120.03	121.66	0.048787	5.67	5.52	12.72	28.89	41.62
G.PaniCani	ReachM2	271.1344	Tr=200 anni	34.37	119.26	120.05	121.82	0.049555	5.90	5.83	12.79	28.86	41.65
G.PaniCani	ReachM2	271.1344	Tr=500 anni	38.47	119.26	120.08	122.03	0.050472	6.18	6.22	12.89	28.81	41.70
G.PaniCani	ReachM2	233.2009	Tr=50 anni	28.28	118.00	118.87	120.10	0.026627	4.92	5.75	10.24	34.68	53.87
G.PaniCani	ReachM2	233.2009	Tr=100 anni	31.31	118.00	118.91	120.22	0.027012	5.08	6.17	10.57	34.60	53.94
G.PaniCani	ReachM2	233.2009	Tr=200 anni	34.37	118.00	118.95	120.34	0.027499	5.23	6.57	10.87	34.52	54.01
G.PaniCani	ReachM2	233.2009	Tr=500 anni	38.47	118.00	118.99	120.49	0.028335	5.42	7.10	11.37	34.42	54.09
G.PaniCani	ReachM2	196.7835	Tr=50 anni	28.28	114.36	115.14	117.95	0.169166	7.44	3.80	14.88	19.80	34.68
G.PaniCani	ReachM2	196.7835	Tr=100 anni	31.31	114.36	115.16	118.08	0.160510	7.58	4.13	15.12	19.76	34.88
G.PaniCani	ReachM2	196.7835	Tr=200 anni	34.37	114.36	115.18	118.21	0.152261	7.71	4.46	15.27	19.73	35.00
G.PaniCani	ReachM2	196.7835	Tr=500 anni	38.47	114.36	115.21	118.35	0.142116	7.86	4.90	15.47	19.68	35.15
G.PaniCani	ReachM2	170.3341	Tr=50 anni	28.28	110.89	111.66	114.52	0.102193	7.50	3.77	10.00	29.96	39.96
G.PaniCani	ReachM2	170.3341	Tr=100 anni	31.31	110.89	111.68	114.71	0.103112	7.71	4.06	10.43	29.70	40.13
G.PaniCani	ReachM2	170.3341	Tr=200 anni	34.37	110.89	111.71	114.88	0.105066	7.88	4.36	10.99	29.30	40.30
G.PaniCani	ReachM2	170.3341	Tr=500 anni	38.47	110.89	111.75	115.06	0.108693	8.06	4.77	11.91	28.59	40.50
G.PaniCani	ReachM2	145.8918	Tr=50 anni	28.28	109.31	110.48	112.56	0.051606	6.39	4.43	8.65	25.46	34.11
G.PaniCani	ReachM2	145.8918	Tr=100 anni	31.31	109.31	110.53	112.63	0.055232	6.42	4.88	9.99	25.42	35.42
G.PaniCani	ReachM2	145.8918	Tr=200 anni	34.37	109.31	110.57	112.75	0.055897	6.55	5.25	10.54	25.39	35.93
G.PaniCani	ReachM2	145.8918	Tr=500 anni	38.47	109.31	110.61	112.90	0.055822	6.70	5.74	11.13	25.36	36.48
G.PaniCani	ReachM2	121.7821	Tr=50 anni	28.28	108.06	109.06	111.22	0.059961	6.51	4.35	9.45	16.78	26.22
G.PaniCani	ReachM2	121.7821	Tr=100 anni	31.31	108.06	109.10	111.28	0.055718	6.54	4.78	9.76	16.66	26.42
G.PaniCani	ReachM2	121.7821	Tr=200 anni	34.37	108.06	109.14	111.41	0.054447	6.68	5.14	9.98	16.59	26.57
G.PaniCani	ReachM2	121.7821	Tr=500 anni	38.47	108.06	109.19	111.58	0.053010	6.86	5.61	10.27	16.51	26.77
G.PaniCani	ReachM2	102.2016	Tr=50 anni	28.28	107.41	108.46	109.97	0.048151	5.45	5.19	12.42	19.91	32.34
G.PaniCani	ReachM2	102.2016	Tr=100 anni	31.31	107.41	108.49	110.11	0.047756	5.63	5.56	12.58	19.81	32.39
G.PaniCani	ReachM2	102.2016	Tr=200 anni	34.37	107.41	108.51	110.25	0.048206	5.84	5.89	12.72	19.72	32.44
G.PaniCani	ReachM2	102.2016	Tr=500 anni	38.47	107.41	108.55	110.43	0.048568	6.08	6.32	12.90	19.60	32.50
G.PaniCani	ReachM2	69.34519	Tr=50 anni	28.28	106.21	106.76	108.24	0.057361	5.38	5.26	15.01	8.56	23.57
G.PaniCani	ReachM2	69.34519	Tr=100 anni	31.31	106.21	106.79	108.38	0.057634	5.59	5.60	15.14	8.52	23.66
G.PaniCani	ReachM2	69.34519	Tr=200 anni	34.37	106.21	106.81	108.51	0.057648	5.78	5.94	15.27	8.47	23.74
G.PaniCani	ReachM2	69.34519	Tr=500 anni	38.47	106.21	106.84	108.69	0.057727	6.02	6.39	15.44	8.42	23.85
G.PaniCani	ReachM2	43.56633	Tr=50 anni	28.28	104.76	105.26	106.51	0.072797	4.95	5.71	22.10	13.08	35.19
G.PaniCani	ReachM2	43.56633	Tr=100 anni	31.31	104.76	105.28	106.63	0.073680	5.16	6.07	22.33	13.05	35.38
G.PaniCani	ReachM2	43.56633	Tr=200 anni	34.37	104.76	105.30	106.76	0.074895	5.35	6.42	22.59	13.01	35.60
G.PaniCani	ReachM2	43.56633	Tr=500 anni	38.47	104.76	105.32	106.91	0.076207	5.60	6.87	22.92	12.96	35.88
G.Lisau	ReachM1	635.8386	Tr=50 anni	8.58	167.84	168.65	168.89	0.006407	2.16	3.98	8.54	25.44	33.98
G.Lisau	ReachM1	635.8386	Tr=100 anni	9.50	167.84	168.69	168.94	0.006337	2.20	4.32	8.92	25.30	34.22
G.Lisau	ReachM1	635.8386	Tr=200 anni	10.43	167.84	168.73	168.98	0.006149	2.22	4.69	9.31	25.15	34.46
G.Lisau	ReachM1	635.8386	Tr=500 anni	11.68	167.84	168.77	169.04	0.006172	2.29	5.09	9.68	24.99	34.67
G.Lisau	ReachM1	585.4382	Tr=50 anni	8.58	160.96	161.17	167.21	0.906357	10.88	0.79	6.23	27.03	33.26
G.Lisau	ReachM1	585.4382	Tr=100 anni	9.50	160.96	161.19	167.27	0.828094	10.93	0.87	6.37	26.98	33.35
G.Lisau	ReachM1	585.4382	Tr=200 anni	10.43	160.96	161.20	167.35	0.784665	10.98	0.95	6.63	26.92	33.56
G.Lisau	ReachM1	585.4382	Tr=500 anni	11.68	160.96	161.22	167.40	0.736948	11.02	1.06	7.03	26.86	33.88
G.Lisau	ReachM1	516.804	Tr=50 anni	8.58	152.72	153.11	153.82	0.070169	3.74	2.29	13.18	27.12	44.59
G.Lisau	ReachM1	516.804	Tr=100 anni	9.50	152.72	153.13	153.82	0.072371	3.67	2.59	15.66	27.06	44.78
G.Lisau	ReachM1	516.804	Tr=200 anni	10.43	152.72	153.14	153.86	0.073731	3.76	2.78	16.45	27.02	44.91
G.Lisau	ReachM1	516.804	Tr=500 anni	11.68	152.72	153.16	153.92	0.075207	3.87	3.02	17.37	26.97	45.07
G.Lisau	ReachM1	483.276	Tr=50 anni	8.58	147.94	148.24	150.31	0.156293	6.37	1.35	6.30	68.13	74.43
G.Lisau	ReachM1	483.276	Tr=100 anni	9.50	147.94	148.26	150.35	0.144109	6.40	1.48	6.49	68.01	74.50
G.Lisau	ReachM1	483.276	Tr=200 anni	10.43	147.94	148.28	150.42	0.137231	6.49	1.61	6.65	67.91	74.56
G.Lisau	ReachM1	483.276	Tr=500 anni	11.68	147.94	148.31	150.52	0.129877	6.59	1.77	6.86	67.78	74.64
G.Lisau	ReachM1	434.798	Tr=50 anni	8.58	143.21	143.47	144.22	0.091425	3.83	2.24	15.22	58.24	73.47
G.Lisau	ReachM1	434.798	Tr=100 anni	9.50	143.21	143.48	144.30	0.096783	4.02	2.37	15.63	58.04	73.67
G.Lisau	ReachM1	434.798	Tr=200 anni	10.43	143.21	143.49	144.38	0.100809	4.18	2.50	16.02	57.85	73.87
G.Lisau	ReachM1	434.798	Tr=500 anni	11.68	143.21	143.50	144.49	0.105675	4.40	2.65	16.32	57.79	74.11
G.Lisau	ReachM1	376.9192	Tr=50 anni	8.58	136.00	136.34	137.61	0.144323	5.00	1.72	10.99	38.79	49.78
G.Lisau	ReachM1	376.9192	Tr=100 anni	9.50	136.00	136.35	137.65	0.136517	5.06	1.88	11.32	38.70	50.02
G.Lisau	ReachM1	376.9192	Tr=200 anni	10.43	136.00	136.36	137.71	0.131297	5.13	2.03	11.63	38.62	50.24
G.Lisau	ReachM1	376.9192	Tr=500 anni	11.68	136.00	136.38	137.78	0.125978	5.24	2.23	11.96	38.51	50.48
G.Lisau	ReachM1	338.4136	Tr=50 anni	8.58	131.38	131.62	132.58	0.114534	4.34	1.98	13.13	43.20	56.33
G.Lisau	ReachM1	338.4136	Tr=100 anni	9.50	131.38	131.63	132.69	0.118604	4.56	2.08	13.22	43.16	56.38
G.Lisau	ReachM1	338.4136	Tr=200 anni	10.43	131.38	131.64	132.79	0.121514	4.75	2.19	13.31	43.12	56.43
G.Lisau	ReachM1	338.4136	Tr=500 anni	11.68	131.38	131.65	132.92	0.124650	4.99	2.34	13.42	43.07	56.50
G.Lisau	ReachM1	310.9418	Tr=50 anni	8.58	128.87	129.24	130.13	0.070185	4.18	2.05	9.97	49.97	59.94
G.Lisau	ReachM1	310.9418	Tr=100 anni	9.50	128.87	129.26	130.20	0.069657	4.29	2.21	10.27	49.88	60.15
G.Lisau	ReachM1	310.9418	Tr=200 anni	10.43	128.87	129.27	130.26	0.069606	4.40	2.37	10.59	49.79	60.39
G.Lisau	ReachM1	310.9418	Tr=500 anni	11.68	128.87	129.29	130.34	0.069800	4.54	2.57	10.99	49.69	60.68
G.Lisau	ReachM1	286.5807	Tr=50 anni	8.58	126.43	126.71	127.97	0.112219	4.96	1.73	9.25	60.21	69.46
G.Lisau	ReachM1	286.5807	Tr=100 anni	9.50	126.43	126.73	128.05	0.110476	5.10	1.86	9.45	60.08	69.53
G.Lisau	ReachM1	286.5807	Tr=200 anni	10.43	126.43	126.74	128.13	0.108539	5.23	2.00	9.64	59.96	69.60

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.Lisau	ReachM1	286.5807	Tr=500 anni	11.68	126.43	126.76	128.23	0.105813	5.38	2.17	9.85	59.84	69.69
G.Lisau	ReachM1	260.0173	Tr=50 anni	8.58	123.90	124.35	125.69	0.067054	5.13	1.67	5.72	65.75	71.47
G.Lisau	ReachM1	260.0173	Tr=100 anni	9.50	123.90	124.38	125.79	0.066865	5.28	1.80	5.87	65.71	71.58
G.Lisau	ReachM1	260.0173	Tr=200 anni	10.43	123.90	124.40	125.89	0.066767	5.42	1.92	6.02	65.66	71.68
G.Lisau	ReachM1	260.0173	Tr=500 anni	11.68	123.90	124.42	126.02	0.066666	5.60	2.09	6.21	65.61	71.82
G.Lisau	ReachM1	235.669	Tr=50 anni	8.58	121.89	122.36	123.69	0.103010	5.11	1.68	8.03	65.03	73.05
G.Lisau	ReachM1	235.669	Tr=100 anni	9.50	121.89	122.37	123.79	0.103705	5.27	1.80	8.26	64.86	73.12
G.Lisau	ReachM1	235.669	Tr=200 anni	10.43	121.89	122.39	123.89	0.104182	5.42	1.92	8.49	64.70	73.19
G.Lisau	ReachM1	235.669	Tr=500 anni	11.68	121.89	122.41	124.01	0.104545	5.61	2.08	8.74	64.53	73.27
G.Lisau	ReachM1	202.7462	Tr=50 anni	8.58	118.82	119.36	120.89	0.070746	5.47	1.57	4.98	65.43	70.40
G.Lisau	ReachM1	202.7462	Tr=100 anni	9.50	118.82	119.39	120.99	0.070233	5.61	1.69	5.14	65.38	70.53
G.Lisau	ReachM1	202.7462	Tr=200 anni	10.43	118.82	119.41	121.09	0.069818	5.74	1.82	5.30	65.34	70.64
G.Lisau	ReachM1	202.7462	Tr=500 anni	11.68	118.82	119.44	121.22	0.069470	5.91	1.98	5.50	65.29	70.79
G.Lisau	ReachM1	151.34	Tr=50 anni	8.58	114.50	114.93	116.64	0.096819	5.79	1.48	5.56	32.89	38.46
G.Lisau	ReachM1	151.34	Tr=100 anni	9.50	114.50	114.95	116.73	0.098112	5.91	1.61	5.90	32.83	38.73
G.Lisau	ReachM1	151.34	Tr=200 anni	10.43	114.50	114.97	116.83	0.099079	6.04	1.73	6.20	32.78	38.98
G.Lisau	ReachM1	151.34	Tr=500 anni	11.68	114.50	115.00	116.95	0.100024	6.19	1.89	6.56	32.73	39.29
G.Lisau	ReachM1	111.1752	Tr=50 anni	8.58	111.09	111.71	113.48	0.064773	5.90	1.45	3.75	30.70	34.45
G.Lisau	ReachM1	111.1752	Tr=100 anni	9.50	111.09	111.74	113.59	0.063602	6.02	1.58	3.88	30.64	34.52
G.Lisau	ReachM1	111.1752	Tr=200 anni	10.43	111.09	111.77	113.70	0.062749	6.15	1.70	4.00	30.58	34.58
G.Lisau	ReachM1	111.1752	Tr=500 anni	11.68	111.09	111.81	113.83	0.061699	6.30	1.85	4.15	30.51	34.67
G.Lisau	ReachM1	85.96014	Tr=50 anni	8.58	109.53	109.96	111.54	0.086965	5.57	1.54	5.66	24.23	29.89
G.Lisau	ReachM1	85.96014	Tr=100 anni	9.50	109.53	109.98	111.67	0.088159	5.75	1.65	5.85	24.10	29.94
G.Lisau	ReachM1	85.96014	Tr=200 anni	10.43	109.53	110.00	111.79	0.089155	5.92	1.76	6.02	23.97	30.00
G.Lisau	ReachM1	85.96014	Tr=500 anni	11.68	109.53	110.03	111.94	0.090291	6.12	1.91	6.25	23.81	30.06
G.Lisau	ReachM1	54.54274	Tr=50 anni	8.58	106.28	106.88	108.67	0.094862	5.93	1.45	5.03	17.29	22.31
G.Lisau	ReachM1	54.54274	Tr=100 anni	9.50	106.28	106.90	108.78	0.094268	6.08	1.56	5.21	17.25	22.46
G.Lisau	ReachM1	54.54274	Tr=200 anni	10.43	106.28	106.93	108.89	0.094443	6.20	1.68	5.44	17.16	22.60
G.Lisau	ReachM1	54.54274	Tr=500 anni	11.68	106.28	106.95	109.01	0.094922	6.36	1.84	5.76	17.01	22.78
G.Lisau	ReachM1	32.42926	Tr=50 anni	8.58	104.16	104.94	106.90	0.067185	6.21	1.38	3.17	14.08	17.25
G.Lisau	ReachM1	32.42926	Tr=100 anni	9.50	104.16	104.97	107.03	0.066540	6.36	1.49	3.28	13.99	17.27
G.Lisau	ReachM1	32.42926	Tr=200 anni	10.43	104.16	105.01	107.14	0.065929	6.47	1.61	3.42	13.88	17.30
G.Lisau	ReachM1	32.42926	Tr=500 anni	11.68	104.16	105.05	107.27	0.065006	6.61	1.77	3.59	13.74	17.33
G.Carboni	ReachM1	3068.481	Tr=50 anni	21.21	118.86	119.44	119.64	0.006625	1.98	10.74	27.47	12.90	40.38
G.Carboni	ReachM1	3068.481	Tr=100 anni	23.43	118.86	119.47	119.68	0.006526	2.02	11.58	28.28	12.43	40.71
G.Carboni	ReachM1	3068.481	Tr=200 anni	25.67	118.86	119.50	119.72	0.006428	2.07	12.42	29.06	11.96	41.03
G.Carboni	ReachM1	3068.481	Tr=500 anni	28.66	118.86	119.54	119.76	0.006305	2.12	13.53	30.06	11.37	41.43
G.Carboni	ReachM1	3026.895	Tr=50 anni	21.21	116.79	117.26	118.82	0.090957	5.53	3.83	14.93	55.97	70.90
G.Carboni	ReachM1	3026.895	Tr=100 anni	23.43	116.79	117.28	118.87	0.085641	5.59	4.19	15.36	55.73	71.09
G.Carboni	ReachM1	3026.895	Tr=200 anni	25.67	116.79	117.31	118.93	0.080379	5.64	4.55	15.68	55.60	71.28
G.Carboni	ReachM1	3026.895	Tr=500 anni	28.66	116.79	117.34	118.99	0.074579	5.70	5.02	16.08	55.43	71.51
G.Carboni	ReachM1	2985.752	Tr=50 anni	21.21	114.93	115.30	116.09	0.043394	3.94	5.38	20.02	54.78	74.80
G.Carboni	ReachM1	2985.752	Tr=100 anni	23.43	114.93	115.31	116.18	0.044796	4.11	5.70	20.35	54.63	74.98
G.Carboni	ReachM1	2985.752	Tr=200 anni	25.67	114.93	115.33	116.26	0.046253	4.28	6.00	20.67	54.48	75.15
G.Carboni	ReachM1	2985.752	Tr=500 anni	28.66	114.93	115.35	116.37	0.048022	4.49	6.38	21.07	54.29	75.36
G.Carboni	ReachM1	2934.667	Tr=50 anni	21.21	110.23	110.57	112.57	0.114617	6.27	3.38	12.95	32.20	45.15
G.Carboni	ReachM1	2934.667	Tr=100 anni	23.43	110.23	110.59	112.66	0.108824	6.37	3.68	13.20	32.11	45.31
G.Carboni	ReachM1	2934.667	Tr=200 anni	25.67	110.23	110.61	112.74	0.103825	6.47	3.97	13.45	32.02	45.47
G.Carboni	ReachM1	2934.667	Tr=500 anni	28.66	110.23	110.64	112.85	0.098490	6.59	4.35	13.76	31.90	45.66
G.Carboni	ReachM1	2888.225	Tr=50 anni	21.21	107.98	108.30	108.93	0.046611	3.50	6.06	28.50	41.35	69.84
G.Carboni	ReachM1	2888.225	Tr=100 anni	23.43	107.98	108.31	109.00	0.048633	3.66	6.40	28.99	41.16	70.15
G.Carboni	ReachM1	2888.225	Tr=200 anni	25.67	107.98	108.33	109.07	0.050545	3.82	6.73	29.45	40.98	70.43
G.Carboni	ReachM1	2888.225	Tr=500 anni	28.66	107.98	108.34	109.16	0.052918	4.01	7.14	30.04	40.75	70.80
G.Carboni	ReachM1	2836.092	Tr=50 anni	21.21	105.82	106.27	106.88	0.033381	3.47	6.11	22.56	56.48	79.04
G.Carboni	ReachM1	2836.092	Tr=100 anni	23.43	105.82	106.29	106.93	0.032612	3.54	6.62	23.33	56.01	79.34
G.Carboni	ReachM1	2836.092	Tr=200 anni	25.67	105.82	106.31	106.97	0.032030	3.61	7.11	24.06	55.57	79.63
G.Carboni	ReachM1	2836.092	Tr=500 anni	28.66	105.82	106.34	107.03	0.031448	3.69	7.76	24.96	55.02	79.98
G.Carboni	ReachM1	2780.333	Tr=50 anni	21.21	103.68	104.13	104.84	0.039956	3.73	5.68	21.53	50.12	71.66
G.Carboni	ReachM1	2780.333	Tr=100 anni	23.43	103.68	104.15	104.91	0.040058	3.86	6.07	21.93	49.95	71.87
G.Carboni	ReachM1	2780.333	Tr=200 anni	25.67	103.68	104.17	104.97	0.039993	3.98	6.46	22.30	49.77	72.07
G.Carboni	ReachM1	2780.333	Tr=500 anni	28.66	103.68	104.19	105.05	0.039818	4.11	6.97	22.78	49.55	72.33
G.Carboni	ReachM1	2736.149	Tr=50 anni	21.21	102.48	102.92	103.36	0.025660	2.96	7.17	27.66	58.58	86.24
G.Carboni	ReachM1	2736.149	Tr=100 anni	23.43	102.48	102.93	103.42	0.025972	3.07	7.62	28.02	58.41	86.43
G.Carboni	ReachM1	2736.149	Tr=200 anni	25.67	102.48	102.95	103.47	0.026272	3.18	8.06	28.37	58.25	86.62
G.Carboni	ReachM1	2736.149	Tr=500 anni	28.66	102.48	102.97	103.53	0.026739	3.32	8.62	28.80	58.04	86.85
G.Carboni	ReachM1	2687.314	Tr=50 anni	21.21	99.97	100.97	101.01	0.000603	0.89	23.80	33.25	45.13	78.38
G.Carboni	ReachM1	2687.314	Tr=100 anni	23.43	99.97	101.02	101.06	0.000608	0.92	25.43	34.01	44.77	78.78
G.Carboni	ReachM1	2687.314	Tr=200 anni	25.67	99.97	101.07	101.11	0.000610	0.95	27.06	34.75	44.41	79.17
G.Carboni	ReachM1	2687.314	Tr=500 anni	28.66	99.97	101.13	101.18	0.000612	0.98	29.21	35.70	43.96	79.66
G.Carboni	ReachM1	2651.984	Tr=50 anni	26.89	99.83	100.68	100.94	0.006184	2.24	12.02	24.20	52.58	76.79
G.Carboni	ReachM1	2651.984	Tr=100 anni	29.70	99.83	100.72	100.99	0.005909	2.28	13.05	24.73	52.27	77.00
G.Carboni	ReachM1	2651.984	Tr=200 anni	32.53	99.83	100.76	101.04	0.005816	2.33	13.95	25.18	52.00	77.19
G.Carboni	ReachM1	2651.984	Tr=500 anni	36.33	99.83	100.81	101.10	0.005707	2.40	15.13	25.76	51.66	77.42

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.Carboni	ReachM1	2612.149	Tr=50 anni	26.89	98.79	100.17	100.22	0.000540	0.99	27.22	29.89	51.37	81.26
G.Carboni	ReachM1	2612.149	Tr=100 anni	29.70	98.79	100.22	100.27	0.000568	1.04	28.64	30.36	51.15	81.51
G.Carboni	ReachM1	2612.149	Tr=200 anni	32.53	98.79	100.26	100.32	0.000594	1.08	30.00	30.78	50.95	81.72
G.Carboni	ReachM1	2612.149	Tr=500 anni	36.33	98.79	100.32	100.38	0.000626	1.14	31.76	31.28	50.68	81.96
G.Carboni	ReachM1	2552.738	Tr=50 anni	26.89	99.13	99.88	100.12	0.006220	2.19	12.30	25.76	41.94	67.71
G.Carboni	ReachM1	2552.738	Tr=100 anni	29.70	99.13	99.92	100.17	0.006127	2.24	13.26	26.50	41.64	68.14
G.Carboni	ReachM1	2552.738	Tr=200 anni	32.53	99.13	99.95	100.22	0.006019	2.29	14.23	27.22	41.35	68.57
G.Carboni	ReachM1	2552.738	Tr=500 anni	36.33	99.13	100.00	100.28	0.005935	2.35	15.47	28.11	40.99	69.10
G.Carboni	ReachM1	2512.352	Tr=50 anni	26.89	96.61	97.15	99.28	0.105250	6.47	4.16	14.25	51.46	65.71
G.Carboni	ReachM1	2512.352	Tr=100 anni	29.70	96.61	97.18	99.34	0.100725	6.52	4.56	14.95	51.13	66.07
G.Carboni	ReachM1	2512.352	Tr=200 anni	32.53	96.61	97.20	99.40	0.096281	6.57	4.95	15.53	50.81	66.34
G.Carboni	ReachM1	2512.352	Tr=500 anni	36.33	96.61	97.24	99.47	0.090534	6.62	5.48	16.20	50.41	66.61
G.Carboni	ReachM1	2460.006	Tr=50 anni	26.89	90.73	91.26	93.44	0.118356	6.54	4.11	15.14	59.82	74.95
G.Carboni	ReachM1	2460.006	Tr=100 anni	29.70	90.73	91.28	93.60	0.119167	6.75	4.40	15.53	59.57	75.10
G.Carboni	ReachM1	2460.006	Tr=200 anni	32.53	90.73	91.30	93.75	0.120587	6.95	4.68	16.00	59.23	75.23
G.Carboni	ReachM1	2460.006	Tr=500 anni	36.33	90.73	91.32	93.95	0.122552	7.19	5.05	16.59	58.81	75.41
G.Carboni	ReachM1	2408.249	Tr=50 anni	26.89	89.37	89.88	90.43	0.026400	3.27	8.23	27.97	44.22	72.20
G.Carboni	ReachM1	2408.249	Tr=100 anni	29.70	89.37	89.90	90.49	0.027366	3.41	8.71	28.53	44.10	72.62
G.Carboni	ReachM1	2408.249	Tr=200 anni	32.53	89.37	89.92	90.56	0.028193	3.54	9.19	29.09	43.98	73.06
G.Carboni	ReachM1	2408.249	Tr=500 anni	36.33	89.37	89.94	90.64	0.029271	3.70	9.81	29.79	43.82	73.61
G.Carboni	ReachM1	2348.636	Tr=50 anni	26.89	87.52	87.92	88.60	0.035391	3.66	7.35	26.26	53.06	79.31
G.Carboni	ReachM1	2348.636	Tr=100 anni	29.70	87.52	87.94	88.66	0.034373	3.74	7.94	26.79	52.88	79.67
G.Carboni	ReachM1	2348.636	Tr=200 anni	32.53	87.52	87.96	88.71	0.033679	3.83	8.50	27.29	52.72	80.01
G.Carboni	ReachM1	2348.636	Tr=500 anni	36.33	87.52	87.99	88.78	0.032910	3.94	9.23	27.93	52.50	80.44
G.Carboni	ReachM1	2291.63	Tr=50 anni	26.89	86.73	87.40	87.62	0.008072	2.08	12.91	35.42	55.84	91.26
G.Carboni	ReachM1	2291.63	Tr=100 anni	29.70	86.73	87.42	87.66	0.008328	2.18	13.65	35.89	55.71	91.61
G.Carboni	ReachM1	2291.63	Tr=200 anni	32.53	86.73	87.44	87.70	0.008562	2.26	14.37	36.35	55.59	91.94
G.Carboni	ReachM1	2291.63	Tr=500 anni	36.33	86.73	87.47	87.75	0.008858	2.38	15.29	36.89	55.43	92.32
G.Carboni	ReachM1	2214.229	Tr=50 anni	26.89	84.49	85.19	86.32	0.042571	4.71	5.71	15.79	60.64	80.68
G.Carboni	ReachM1	2214.229	Tr=100 anni	29.70	84.49	85.23	86.35	0.040882	4.70	6.32	17.02	59.97	80.77
G.Carboni	ReachM1	2214.229	Tr=200 anni	32.53	84.49	85.26	86.38	0.039151	4.70	6.92	18.04	59.66	80.86
G.Carboni	ReachM1	2214.229	Tr=500 anni	36.33	84.49	85.30	86.43	0.036993	4.71	7.71	19.19	59.33	80.94
G.Carboni	ReachM1	2171.054	Tr=50 anni	27.88	83.00	83.48	84.28	0.047297	3.96	7.04	27.64	63.70	92.78
G.Carboni	ReachM1	2171.054	Tr=100 anni	30.80	83.00	83.50	84.36	0.047787	4.12	7.48	27.91	63.62	92.81
G.Carboni	ReachM1	2171.054	Tr=200 anni	33.73	83.00	83.51	84.44	0.048656	4.27	7.90	28.26	63.54	92.84
G.Carboni	ReachM1	2171.054	Tr=500 anni	37.66	83.00	83.53	84.55	0.049827	4.47	8.43	28.69	63.44	92.87
G.Carboni	ReachM1	2118.764	Tr=50 anni	27.88	80.97	81.56	82.42	0.027743	4.10	6.80	16.85	64.38	81.24
G.Carboni	ReachM1	2118.764	Tr=100 anni	30.80	80.97	81.59	82.50	0.027459	4.23	7.28	17.05	64.31	81.36
G.Carboni	ReachM1	2118.764	Tr=200 anni	33.73	80.97	81.62	82.58	0.027151	4.35	7.75	17.25	64.23	81.48
G.Carboni	ReachM1	2118.764	Tr=500 anni	37.66	80.97	81.65	82.68	0.026750	4.50	8.36	17.50	64.13	81.63
G.Carboni	ReachM1	2058.816	Tr=50 anni	27.88	79.16	79.97	80.70	0.028334	3.78	7.37	20.99	67.75	92.73
G.Carboni	ReachM1	2058.816	Tr=100 anni	30.80	79.16	79.99	80.77	0.028937	3.92	7.85	21.54	67.51	92.78
G.Carboni	ReachM1	2058.816	Tr=200 anni	33.73	79.16	80.01	80.85	0.029435	4.06	8.31	21.90	67.44	92.82
G.Carboni	ReachM1	2058.816	Tr=500 anni	37.66	79.16	80.04	80.95	0.030066	4.23	8.89	22.36	67.34	92.88
G.Carboni	ReachM1	2009.888	Tr=50 anni	27.88	77.65	78.34	79.10	0.037933	3.87	7.20	24.71	54.60	80.38
G.Carboni	ReachM1	2009.888	Tr=100 anni	30.80	77.65	78.36	79.16	0.037834	3.97	7.75	25.50	54.53	80.43
G.Carboni	ReachM1	2009.888	Tr=200 anni	33.73	77.65	78.38	79.23	0.037642	4.08	8.26	26.00	54.47	80.47
G.Carboni	ReachM1	2009.888	Tr=500 anni	37.66	77.65	78.40	79.32	0.037213	4.24	8.87	26.13	54.40	80.53
G.Carboni	ReachM1	1954.796	Tr=50 anni	27.88	75.94	76.51	77.13	0.032218	3.49	7.99	28.32	63.28	91.60
G.Carboni	ReachM1	1954.796	Tr=100 anni	30.80	75.94	76.53	77.20	0.032248	3.63	8.49	28.39	63.27	91.66
G.Carboni	ReachM1	1954.796	Tr=200 anni	33.73	75.94	76.55	77.27	0.032307	3.76	8.97	28.46	63.26	91.71
G.Carboni	ReachM1	1954.796	Tr=500 anni	37.66	75.94	76.57	77.36	0.032716	3.94	9.56	28.54	63.24	91.78
G.Carboni	ReachM1	1898.959	Tr=50 anni	27.88	74.01	74.45	75.27	0.034121	4.01	6.96	21.05	49.03	70.08
G.Carboni	ReachM1	1898.959	Tr=100 anni	30.80	74.01	74.47	75.34	0.033817	4.13	7.46	21.42	48.95	70.37
G.Carboni	ReachM1	1898.959	Tr=200 anni	33.73	74.01	74.49	75.41	0.033568	4.25	7.95	21.77	48.88	70.65
G.Carboni	ReachM1	1898.959	Tr=500 anni	37.66	74.01	74.52	75.50	0.033136	4.38	8.60	22.24	48.79	71.04
G.Carboni	ReachM1	1851.621	Tr=50 anni	27.88	72.54	73.24	73.87	0.023758	3.53	7.89	21.80	77.63	99.43
G.Carboni	ReachM1	1851.621	Tr=100 anni	30.80	72.54	73.26	73.95	0.023953	3.68	8.38	21.93	77.57	99.49
G.Carboni	ReachM1	1851.621	Tr=200 anni	33.73	72.54	73.28	74.02	0.024105	3.81	8.85	22.04	77.50	99.55
G.Carboni	ReachM1	1851.621	Tr=500 anni	37.66	72.54	73.31	74.12	0.024350	3.98	9.45	22.19	77.43	99.62
G.Carboni	ReachM1	1825.215	Tr=50 anni	27.88	71.50	72.14	73.10	0.033848	4.33	6.44	17.20	52.57	69.77
G.Carboni	ReachM1	1825.215	Tr=100 anni	30.80	71.50	72.17	73.17	0.033244	4.44	6.94	17.59	52.23	69.82
G.Carboni	ReachM1	1825.215	Tr=200 anni	33.73	71.50	72.20	73.25	0.032864	4.54	7.42	18.03	51.85	69.87
G.Carboni	ReachM1	1825.215	Tr=500 anni	37.66	71.50	72.23	73.34	0.032788	4.66	8.07	18.81	51.13	69.94
G.Carboni	ReachM1	1772.572	Tr=50 anni	27.88	68.85	69.77	71.07	0.042625	5.05	5.52	13.74	57.96	71.69
G.Carboni	ReachM1	1772.572	Tr=100 anni	30.80	68.85	69.80	71.17	0.042226	5.19	5.93	14.07	57.83	71.90
G.Carboni	ReachM1	1772.572	Tr=200 anni	33.73	68.85	69.83	71.27	0.041730	5.32	6.34	14.39	57.71	72.11
G.Carboni	ReachM1	1772.572	Tr=500 anni	37.66	68.85	69.87	71.38	0.040792	5.45	6.90	14.82	57.55	72.38
G.Carboni	ReachM1	1723.314	Tr=50 anni	27.88	67.43	68.24	69.39	0.026584	4.75	5.88	11.21	58.06	69.27
G.Carboni	ReachM1	1723.314	Tr=100 anni	30.80	67.43	68.28	69.50	0.026511	4.90	6.28	11.37	57.94	69.32
G.Carboni	ReachM1	1723.314	Tr=200 anni	33.73	67.43	68.31	69.61	0.026435	5.05	6.68	11.53	57.83	69.36
G.Carboni	ReachM1	1723.314	Tr=500 anni	37.66	67.43	68.36	69.75	0.026365	5.23	7.21	11.78	57.64	69.42

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
G.Carboni	ReachM1	1669.65	Tr=50 anni	27.88	65.66	66.51	67.75	0.035142	4.93	5.66	12.51	67.49	80.00
G.Carboni	ReachM1	1669.65	Tr=100 anni	30.80	65.66	66.54	67.85	0.035972	5.06	6.09	13.17	66.86	80.04
G.Carboni	ReachM1	1669.65	Tr=200 anni	33.73	65.66	66.57	67.95	0.036113	5.21	6.47	13.43	66.64	80.07
G.Carboni	ReachM1	1669.65	Tr=500 anni	37.66	65.66	66.61	68.09	0.036193	5.39	6.98	13.76	66.36	80.11
G.Carboni	ReachM1	1624.705	Tr=50 anni	28.12	64.19	64.81	66.37	0.025924	5.53	5.08	12.36	59.72	72.08
G.Carboni	ReachM1	1624.705	Tr=100 anni	31.06	64.19	64.84	66.46	0.025562	5.64	5.50	12.86	59.39	72.24
G.Carboni	ReachM1	1624.705	Tr=200 anni	34.02	64.19	64.87	66.57	0.025627	5.77	5.89	13.33	59.06	72.39
G.Carboni	ReachM1	1624.705	Tr=500 anni	37.98	64.19	64.91	66.70	0.025604	5.94	6.39	13.85	58.65	72.49
G.Carboni	ReachM1	1567.526	Tr=50 anni	28.12	62.52	63.17	64.85	0.026780	5.74	4.90	11.52	59.29	70.81
G.Carboni	ReachM1	1567.526	Tr=100 anni	31.06	62.52	63.20	64.97	0.026171	5.89	5.27	11.72	59.16	70.88
G.Carboni	ReachM1	1567.526	Tr=200 anni	34.02	62.52	63.23	65.08	0.025649	6.03	5.64	11.91	59.03	70.95
G.Carboni	ReachM1	1567.526	Tr=500 anni	37.98	62.52	63.27	65.24	0.025124	6.21	6.11	12.16	58.88	71.03
G.Carboni	ReachM1	1510.958	Tr=50 anni	28.12	60.59	61.13	62.86	0.047859	5.82	4.83	17.22	47.83	65.06
G.Carboni	ReachM1	1510.958	Tr=100 anni	31.06	60.59	61.15	63.00	0.047883	6.03	5.15	17.43	47.81	65.24
G.Carboni	ReachM1	1510.958	Tr=200 anni	34.02	60.59	61.17	63.14	0.047821	6.22	5.47	17.64	47.78	65.42
G.Carboni	ReachM1	1510.958	Tr=500 anni	37.98	60.59	61.19	63.31	0.047600	6.45	5.89	17.91	47.75	65.66
G.Carboni	ReachM1	1465.431	Tr=50 anni	28.12	58.13	58.44	60.03	0.081157	5.58	5.04	28.61	47.00	75.61
G.Carboni	ReachM1	1465.431	Tr=100 anni	31.06	58.13	58.45	60.17	0.081414	5.81	5.35	28.73	46.91	75.63
G.Carboni	ReachM1	1465.431	Tr=200 anni	34.02	58.13	58.46	60.31	0.081671	6.02	5.65	28.84	46.81	75.66
G.Carboni	ReachM1	1465.431	Tr=500 anni	37.98	58.13	58.48	60.49	0.082021	6.28	6.04	28.99	46.70	75.69
G.Carboni	ReachM1	1411.928	Tr=50 anni	28.39	55.88	56.23	57.23	0.032898	4.43	6.42	26.23	20.34	46.57
G.Carboni	ReachM1	1411.928	Tr=100 anni	31.36	55.88	56.25	57.33	0.033425	4.60	6.81	26.56	20.04	46.60
G.Carboni	ReachM1	1411.928	Tr=200 anni	34.35	55.88	56.26	57.42	0.033947	4.77	7.20	26.87	19.76	46.63
G.Carboni	ReachM1	1411.928	Tr=500 anni	38.36	55.88	56.28	57.55	0.034622	4.99	7.69	27.31	19.36	46.67
G.Carboni	ReachM1	1372.694	Tr=50 anni	28.39	54.02	54.31	55.53	0.058109	4.88	5.81	31.44	14.26	51.70
G.Carboni	ReachM1	1372.694	Tr=100 anni	31.36	54.02	54.33	55.62	0.057489	5.03	6.23	31.96	14.04	51.77
G.Carboni	ReachM1	1372.694	Tr=200 anni	34.35	54.02	54.34	55.70	0.057400	5.17	6.65	32.72	13.65	51.83
G.Carboni	ReachM1	1372.694	Tr=500 anni	38.36	54.02	54.36	55.81	0.057463	5.34	7.19	33.76	13.11	51.91
G.Carboni	ReachM1	1339.15	Tr=50 anni	28.39	51.93	52.17	53.35	0.072466	4.80	5.92	38.79	2.61	41.40
G.Carboni	ReachM1	1339.15	Tr=100 anni	31.36	51.93	52.18	53.45	0.072664	4.99	6.29	38.98	2.54	41.52
G.Carboni	ReachM1	1339.15	Tr=200 anni	34.35	51.93	52.19	53.55	0.072275	5.15	6.66	39.18	2.46	41.64
G.Carboni	ReachM1	1339.15	Tr=500 anni	38.36	51.93	52.21	53.67	0.071494	5.35	7.17	39.50	2.27	41.77
G.Carboni	ReachM1	1311.529	Tr=50 anni	28.39	50.71	51.25	52.12	0.026330	4.14	6.86	26.24	39.94	79.22
G.Carboni	ReachM1	1311.529	Tr=100 anni	31.36	50.71	51.27	52.20	0.026919	4.27	7.34	27.21	39.88	79.42
G.Carboni	ReachM1	1311.529	Tr=200 anni	34.35	50.71	51.29	52.27	0.027560	4.39	7.82	28.25	39.83	79.61
G.Carboni	ReachM1	1311.529	Tr=500 anni	38.36	50.71	51.31	52.31	0.029622	4.43	8.66	32.62	39.75	80.44
G.Carboni	ReachM1	1256.885	Tr=50 anni	28.70	50.21	50.50	50.83	0.016787	2.53	11.34	64.86	23.48	88.34
G.Carboni	ReachM1	1256.885	Tr=100 anni	31.70	50.21	50.51	50.86	0.017262	2.64	12.02	66.07	23.27	89.33
G.Carboni	ReachM1	1256.885	Tr=200 anni	34.72	50.21	50.52	50.90	0.017602	2.74	12.68	66.76	23.07	89.83
G.Carboni	ReachM1	1256.885	Tr=500 anni	38.77	50.21	50.54	50.94	0.016908	2.80	13.83	68.29	22.73	91.02
G.Carboni	ReachM1	1202.791	Tr=50 anni	28.70	48.27	48.73	49.54	0.032568	3.99	7.19	34.07	37.56	71.63
G.Carboni	ReachM1	1202.791	Tr=100 anni	31.70	48.27	48.75	49.60	0.030698	4.07	7.78	34.15	37.53	71.69
G.Carboni	ReachM1	1202.791	Tr=200 anni	34.72	48.27	48.77	49.65	0.029128	4.15	8.36	34.23	37.51	71.74
G.Carboni	ReachM1	1202.791	Tr=500 anni	38.77	48.27	48.79	49.72	0.028038	4.29	9.04	34.33	37.48	71.81
G.Carboni	ReachM1	1150.449	Tr=50 anni	28.70	45.79	46.18	47.63	0.038512	5.34	5.37	18.65	74.20	92.85
G.Carboni	ReachM1	1150.449	Tr=100 anni	31.70	45.79	46.20	47.73	0.039006	5.48	5.79	19.55	74.07	93.62
G.Carboni	ReachM1	1150.449	Tr=200 anni	34.72	45.79	46.22	47.82	0.039170	5.60	6.20	20.27	73.94	94.21
G.Carboni	ReachM1	1150.449	Tr=500 anni	38.77	45.79	46.25	47.92	0.039741	5.73	6.77	21.67	73.09	94.76
G.Carboni	ReachM1	1104.797	Tr=50 anni	28.70	44.90	45.23	45.81	0.030520	3.36	8.54	49.91	50.24	105.63
G.Carboni	ReachM1	1104.797	Tr=100 anni	31.70	44.90	45.24	45.86	0.031325	3.49	9.09	51.27	50.19	106.18
G.Carboni	ReachM1	1104.797	Tr=200 anni	34.72	44.90	45.25	45.91	0.032330	3.61	9.62	52.82	50.15	106.69
G.Carboni	ReachM1	1104.797	Tr=500 anni	38.77	44.90	45.27	45.97	0.033108	3.73	10.39	55.26	50.09	107.68
G.Carboni	ReachM1	1068.476	Tr=50 anni	29.00	43.64	44.16	44.99	0.016390	4.04	7.17	19.86	47.71	67.57
G.Carboni	ReachM1	1068.476	Tr=100 anni	32.04	43.64	44.19	45.05	0.015820	4.12	7.77	20.37	47.33	67.70
G.Carboni	ReachM1	1068.476	Tr=200 anni	35.09	43.64	44.22	45.11	0.015333	4.20	8.36	20.85	46.97	67.83
G.Carboni	ReachM1	1068.476	Tr=500 anni	39.18	43.64	44.26	45.17	0.015159	4.24	9.23	22.43	45.58	68.01
G.Carboni	ReachM1	1041.02	Tr=50 anni	29.00	42.53	42.97	44.23	0.047787	4.98	5.82	26.37	24.14	50.51
G.Carboni	ReachM1	1041.02	Tr=100 anni	32.04	42.53	42.98	44.31	0.046493	5.11	6.27	26.81	23.80	50.60
G.Carboni	ReachM1	1041.02	Tr=200 anni	35.09	42.53	43.00	44.39	0.045275	5.23	6.72	27.23	23.47	50.69
G.Carboni	ReachM1	1041.02	Tr=500 anni	39.18	42.53	43.02	44.46	0.043137	5.32	7.37	28.06	19.18	50.81
G.Carboni	ReachM1	968.1635	Tr=50 anni	29.00	39.76	40.33	41.56	0.028765	4.92	5.90	18.58	103.68	122.25
G.Carboni	ReachM1	968.1635	Tr=100 anni	32.04	39.76	40.35	41.68	0.028910	5.10	6.28	18.78	103.52	122.31
G.Carboni	ReachM1	968.1635	Tr=200 anni	35.09	39.76	40.37	41.78	0.028904	5.26	6.66	18.99	103.37	122.36
G.Carboni	ReachM1	968.1635	Tr=500 anni	39.18	39.76	40.40	41.92	0.028719	5.46	7.18	19.26	103.18	122.44
G.Carboni	ReachM1	944.3107	Tr=50 anni	29.00	37.83	38.26	40.43	0.074183	6.52	4.45	18.70	107.71	126.76
G.Carboni	ReachM1	944.3107	Tr=100 anni	32.04	37.83	38.28	40.54	0.073404	6.66	4.81	19.41	107.55	126.96
G.Carboni	ReachM1	944.3107	Tr=200 anni	35.09	37.83	38.30	40.66	0.071486	6.81	5.15	19.75	107.41	127.15
G.Carboni	ReachM1	944.3107	Tr=500 anni	39.18	37.83	38.32	40.81	0.069262	6.99	5.61	20.18	107.22	127.40
G.Carboni	ReachM1	918.5073	Tr=50 anni	29.17	37.44	37.74	38.56	0.044744	4.01	7.28	43.41	14.75	82.94
G.Carboni	ReachM1	918.5073	Tr=100 anni	32.22	37.44	37.75	38.64	0.046489	4.19	7.69	44.19	14.74	83.00
G.Carboni	ReachM1	918.5073	Tr=200 anni	35.29	37.44	37.76	38.74	0.048707	4.38	8.06	44.87	14.74	83.05
G.Carboni	ReachM1	918.5073	Tr=500 anni	39.40	37.44	37.77	38.86	0.051322	4.62	8.52	45.45	14.73	83.12
G.Carboni	ReachM1	884.6896	Tr=50 anni	29.17	35.86	36.22	37.09	0.042134	4.12	7.09	38.97	40.22	79.19

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
G.Carboni	ReachM1	884.6896	Tr=100 anni	32.22	35.86	36.24	37.15	0.041867	4.24	7.60	39.81	39.96	79.76
G.Carboni	ReachM1	884.6896	Tr=200 anni	35.29	35.86	36.25	37.22	0.041501	4.35	8.11	40.57	39.70	80.27
G.Carboni	ReachM1	884.6896	Tr=500 anni	39.40	35.86	36.27	37.29	0.041026	4.49	8.78	41.55	39.38	80.92
G.Carboni	ReachM1	843.89	Tr=50 anni	29.17	34.58	34.94	35.60	0.029638	3.59	8.12	42.11	49.82	91.93
G.Carboni	ReachM1	843.89	Tr=100 anni	32.22	34.58	34.95	35.66	0.029793	3.73	8.63	42.32	49.71	92.03
G.Carboni	ReachM1	843.89	Tr=200 anni	35.29	34.58	34.96	35.72	0.030007	3.86	9.14	42.88	49.25	92.13
G.Carboni	ReachM1	843.89	Tr=500 anni	39.40	34.58	34.98	35.80	0.030377	4.01	9.82	43.88	48.32	92.19
G.Carboni	ReachM1	797.5651	Tr=50 anni	29.17	33.49	33.80	34.30	0.024545	3.15	9.26	50.66	40.15	90.81
G.Carboni	ReachM1	797.5651	Tr=100 anni	32.22	33.49	33.81	34.36	0.024769	3.28	9.83	50.99	40.11	91.09
G.Carboni	ReachM1	797.5651	Tr=200 anni	35.29	33.49	33.82	34.41	0.024886	3.40	10.39	51.31	40.06	91.37
G.Carboni	ReachM1	797.5651	Tr=500 anni	39.40	33.49	33.84	34.47	0.024941	3.53	11.16	52.15	40.00	92.15
G.Carboni	ReachM1	760.1303	Tr=50 anni	29.17	32.53	32.89	33.38	0.024570	3.10	9.40	52.67	25.97	79.68
G.Carboni	ReachM1	760.1303	Tr=100 anni	32.22	32.53	32.90	33.43	0.024565	3.21	10.03	53.34	25.88	79.85
G.Carboni	ReachM1	760.1303	Tr=200 anni	35.29	32.53	32.91	33.47	0.024619	3.32	10.63	53.99	25.79	80.01
G.Carboni	ReachM1	760.1303	Tr=500 anni	39.40	32.53	32.93	33.53	0.024603	3.45	11.41	54.51	25.71	80.22
G.Carboni	ReachM1	724.7071	Tr=50 anni	29.70	30.96	31.39	32.43	0.025930	4.52	6.57	21.77	22.23	44.01
G.Carboni	ReachM1	724.7071	Tr=100 anni	32.80	30.96	31.42	32.50	0.024709	4.61	7.11	22.04	22.16	44.20
G.Carboni	ReachM1	724.7071	Tr=200 anni	35.93	30.96	31.44	32.56	0.023627	4.70	7.65	22.29	22.09	44.38
G.Carboni	ReachM1	724.7071	Tr=500 anni	40.12	30.96	31.47	32.65	0.022427	4.80	8.35	22.63	22.00	44.62
G.Carboni	ReachM1	679.3547	Tr=50 anni	29.70	29.24	29.72	31.15	0.028912	5.30	5.61	15.87	41.59	57.46
G.Carboni	ReachM1	679.3547	Tr=100 anni	32.80	29.24	29.75	31.26	0.028155	5.45	6.02	15.99	41.51	57.50
G.Carboni	ReachM1	679.3547	Tr=200 anni	35.93	29.24	29.78	31.37	0.027360	5.59	6.43	16.07	41.47	57.54
G.Carboni	ReachM1	679.3547	Tr=500 anni	40.12	29.24	29.81	31.50	0.026331	5.76	6.97	16.19	41.41	57.59
G.Carboni	ReachM1	631.4769	Tr=50 anni	29.70	27.68	28.20	29.75	0.029075	5.52	5.38	14.35	26.27	40.61
G.Carboni	ReachM1	631.4769	Tr=100 anni	32.80	27.68	28.23	29.88	0.028970	5.70	5.76	14.60	26.12	40.72
G.Carboni	ReachM1	631.4769	Tr=200 anni	35.93	27.68	28.25	30.01	0.028945	5.87	6.12	14.84	25.98	40.82
G.Carboni	ReachM1	631.4769	Tr=500 anni	40.12	27.68	28.28	30.16	0.028772	6.07	6.61	15.14	25.80	40.95
G.Carboni	ReachM1	587.2731	Tr=50 anni	29.70	25.73	26.09	27.45	0.109788	5.17	5.75	46.05	16.12	66.02
G.Carboni	ReachM1	587.2731	Tr=100 anni	32.80	25.73	26.10	27.57	0.112830	5.37	6.10	47.10	15.95	66.06
G.Carboni	ReachM1	587.2731	Tr=200 anni	35.93	25.73	26.11	27.68	0.115802	5.55	6.48	48.58	15.69	66.10
G.Carboni	ReachM1	587.2731	Tr=500 anni	40.12	25.73	26.12	27.82	0.118961	5.79	6.93	49.79	15.38	66.16
G.Carboni	ReachM1	533.2423	Tr=50 anni	29.70	23.62	24.01	24.86	0.024443	4.08	7.27	26.89	9.86	36.74
G.Carboni	ReachM1	533.2423	Tr=100 anni	32.80	23.62	24.04	24.88	0.025042	4.06	8.08	30.66	9.76	50.42
G.Carboni	ReachM1	533.2423	Tr=200 anni	35.93	23.62	24.08	24.83	0.026204	3.84	9.35	39.87	9.64	51.86
G.Carboni	ReachM1	533.2423	Tr=500 anni	40.12	23.62	24.10	24.88	0.026804	3.92	10.24	43.15	9.58	52.73
G.Carboni	ReachM1	496.5518	Tr=50 anni	29.70	22.39	22.74	23.49	0.061320	3.84	7.74	62.73	27.26	96.56
G.Carboni	ReachM1	496.5518	Tr=100 anni	32.80	22.39	22.75	23.52	0.058327	3.90	8.41	63.95	27.17	96.91
G.Carboni	ReachM1	496.5518	Tr=200 anni	35.93	22.39	22.76	23.52	0.051418	3.86	9.30	65.25	27.06	97.37
G.Carboni	ReachM1	496.5518	Tr=500 anni	40.12	22.39	22.77	23.57	0.049496	3.96	10.12	66.52	26.95	97.79
G.Carboni	ReachM1	452.155	Tr=50 anni	30.29	21.19	21.50	21.97	0.020026	3.02	10.05	50.39	45.30	134.90
G.Carboni	ReachM1	452.155	Tr=100 anni	33.46	21.19	21.52	22.01	0.020434	3.12	10.72	51.78	44.54	134.92
G.Carboni	ReachM1	452.155	Tr=200 anni	36.65	21.19	21.53	22.07	0.021149	3.26	11.26	52.41	44.37	134.95
G.Carboni	ReachM1	452.155	Tr=500 anni	40.92	21.19	21.54	22.13	0.021455	3.39	12.06	53.33	44.12	134.98
G.Carboni	ReachM1	429.1736	Tr=50 anni	30.29	19.82	20.12	21.14	0.066415	4.48	6.76	45.98	32.73	85.49
G.Carboni	ReachM1	429.1736	Tr=100 anni	33.46	19.82	20.13	21.19	0.063843	4.56	7.34	47.39	32.62	86.07
G.Carboni	ReachM1	429.1736	Tr=200 anni	36.65	19.82	20.14	21.23	0.064811	4.61	7.96	51.07	32.52	87.63
G.Carboni	ReachM1	429.1736	Tr=500 anni	40.92	19.82	20.16	21.27	0.067022	4.67	8.76	56.40	32.39	90.06
G.Carboni	ReachM1	353.8958	Tr=50 anni	30.29	18.97	20.26	20.36	0.001025	1.42	21.34	35.44	54.85	90.28
G.Carboni	ReachM1	353.8958	Tr=100 anni	33.46	18.97	20.31	20.42	0.000999	1.45	23.04	36.26	54.10	90.36
G.Carboni	ReachM1	353.8958	Tr=200 anni	36.65	18.97	20.36	20.47	0.000972	1.48	24.78	37.16	53.28	90.43
G.Carboni	ReachM1	353.8958	Tr=500 anni	40.92	18.97	20.39	20.52	0.001043	1.57	26.14	37.94	52.55	90.49
G.Carboni	ReachM1	317.2886	Tr=50 anni	30.29	18.84	20.02	20.29	0.003220	2.29	13.22	25.18	134.39	159.59
G.Carboni	ReachM1	317.2886	Tr=100 anni	33.46	18.84	20.06	20.34	0.003164	2.33	14.37	26.41	133.39	159.80
G.Carboni	ReachM1	317.2886	Tr=200 anni	36.65	18.84	20.10	20.39	0.003184	2.40	15.29	26.99	132.96	159.95
G.Carboni	ReachM1	317.2886	Tr=500 anni	40.92	18.84	20.23	20.45	0.003541	2.04	20.03	48.90	106.77	160.55
G.Carboni	ReachM1	274.9615	Tr=50 anni	30.29	19.17	19.52	20.00	0.018277	3.05	9.93	45.65	119.84	187.04
G.Carboni	ReachM1	274.9615	Tr=100 anni	33.46	19.17	19.54	20.05	0.018775	3.17	10.57	46.97	119.49	187.21
G.Carboni	ReachM1	274.9615	Tr=200 anni	36.65	19.17	19.55	20.09	0.018934	3.26	11.24	48.10	119.13	187.29
G.Carboni	ReachM1	274.9615	Tr=500 anni	40.92	19.17	19.57	20.13	0.017414	3.29	12.45	49.36	118.62	187.36
G.Carboni	ReachM1	239.9081	Tr=50 anni	30.64	16.35	16.71	18.71	0.071236	6.26	4.89	21.25	227.73	248.98
G.Carboni	ReachM1	239.9081	Tr=100 anni	33.85	16.35	16.74	18.77	0.065894	6.32	5.36	21.62	227.67	249.29
G.Carboni	ReachM1	239.9081	Tr=200 anni	37.07	16.35	16.76	18.83	0.061681	6.39	5.80	21.94	227.64	249.58
G.Carboni	ReachM1	239.9081	Tr=500 anni	41.39	16.35	16.78	18.94	0.058142	6.51	6.36	22.32	227.61	249.94
G.Carboni	ReachM1	210.9131	Tr=50 anni	30.64	15.82	16.22	16.99	0.033028	3.88	7.90	39.54	254.59	294.13
G.Carboni	ReachM1	210.9131	Tr=100 anni	33.85	15.82	16.23	17.07	0.034140	4.07	8.32	39.68	254.55	294.23
G.Carboni	ReachM1	210.9131	Tr=200 anni	37.07	15.82	16.24	17.16	0.035243	4.26	8.71	39.80	254.51	294.32
G.Carboni	ReachM1	210.9131	Tr=500 anni	41.39	15.82	16.25	17.28	0.036599	4.49	9.22	39.96	254.47	294.43
G.Carboni	ReachM1	157.2955	Tr=50 anni	30.64	15.61	16.19	16.31	0.003357	1.56	19.64	69.34	78.02	147.36
G.Carboni	ReachM1	157.2955	Tr=100 anni	33.85	15.61	16.17	16.34	0.004624	1.79	18.89	68.93	78.34	147.26
G.Carboni	ReachM1	157.2955	Tr=200 anni	37.07	15.61	16.18	16.37	0.005098	1.91	19.41	69.23	78.10	147.33
G.Carboni	ReachM1	157.2955	Tr=500 anni	41.39	15.61	16.19	16.41	0.005733	2.06	20.05	69.55	77.87	147.42
G.Carboni	ReachM1	108.5309	Tr=50 anni	30.64	15.59	16.16	16.21	0.000965	0.98	31.24	86.89	181.30	268.19
G.Carboni	ReachM1	108.5309	Tr=100 anni	33.85	15.59	16.18	16.23	0.000990	1.03	32.94	87.12	181.16	268.28

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
G.Carboni	ReachM1	108.5309	Tr=200 anni	37.07	15.59	16.20	16.26	0.000998	1.07	34.75	87.37	181.00	268.37
G.Carboni	ReachM1	108.5309	Tr=500 anni	41.39	15.59	16.22	16.29	0.001042	1.13	36.76	88.05	134.70	268.47
G.Carboni	ReachM1	48.36605	Tr=50 anni	30.64	15.34	16.47	16.48	0.000106	0.43	72.08	133.54	214.47	374.72
G.Carboni	ReachM1	48.36605	Tr=100 anni	33.85	15.34	16.51	16.52	0.000103	0.43	78.12	137.57	214.20	374.95
G.Carboni	ReachM1	48.36605	Tr=200 anni	37.07	15.34	16.56	16.57	0.000102	0.44	84.90	146.84	213.85	375.20
G.Carboni	ReachM1	48.36605	Tr=500 anni	41.39	15.34	16.61	16.62	0.000101	0.44	93.23	156.19	202.25	375.49
C.Monti	ReachM1	1877.372	Tr=50 anni	30.31	108.97	110.23	110.57	0.005522	2.58	11.76	17.40	20.52	37.92
C.Monti	ReachM1	1877.372	Tr=100 anni	33.48	108.97	110.27	110.63	0.005566	2.67	12.55	17.73	20.30	38.03
C.Monti	ReachM1	1877.372	Tr=200 anni	36.67	108.97	110.32	110.70	0.005481	2.73	13.43	18.08	20.06	38.14
C.Monti	ReachM1	1877.372	Tr=500 anni	40.94	108.97	110.39	110.79	0.005262	2.79	14.68	18.58	19.73	38.31
C.Monti	ReachM1	1839.616	Tr=50 anni	30.31	104.69	105.52	109.62	0.129946	8.97	3.38	8.15	11.12	19.27
C.Monti	ReachM1	1839.616	Tr=100 anni	33.48	104.69	105.56	109.69	0.122789	9.00	3.72	8.55	11.01	19.55
C.Monti	ReachM1	1839.616	Tr=200 anni	36.67	104.69	105.60	109.76	0.116986	9.04	4.06	8.92	10.90	19.82
C.Monti	ReachM1	1839.616	Tr=500 anni	40.94	104.69	105.65	109.87	0.110709	9.10	4.50	9.40	10.76	20.16
C.Monti	ReachM1	1803.074	Tr=50 anni	30.31	99.52	100.10	104.31	0.162512	9.09	3.33	9.44	18.38	27.81
C.Monti	ReachM1	1803.074	Tr=100 anni	33.48	99.52	100.12	104.56	0.159534	9.33	3.59	9.63	18.29	27.92
C.Monti	ReachM1	1803.074	Tr=200 anni	36.67	99.52	100.15	104.80	0.156616	9.55	3.84	9.81	18.21	28.02
C.Monti	ReachM1	1803.074	Tr=500 anni	40.94	99.52	100.18	105.08	0.152697	9.80	4.18	10.06	18.10	28.16
C.Monti	ReachM1	1771.724	Tr=50 anni	30.31	98.54	99.00	100.58	0.061100	5.57	5.45	15.50	27.09	42.60
C.Monti	ReachM1	1771.724	Tr=100 anni	33.48	98.54	99.02	100.76	0.063609	5.84	5.73	15.62	27.04	42.66
C.Monti	ReachM1	1771.724	Tr=200 anni	36.67	98.54	99.03	100.93	0.065865	6.11	6.01	15.74	26.98	42.73
C.Monti	ReachM1	1771.724	Tr=500 anni	40.94	98.54	99.06	101.16	0.068519	6.43	6.37	15.89	26.92	42.81
C.Monti	ReachM1	1739.782	Tr=50 anni	30.31	97.25	98.08	99.11	0.029070	4.49	6.75	15.19	26.81	42.00
C.Monti	ReachM1	1739.782	Tr=100 anni	33.48	97.25	98.11	99.22	0.029947	4.67	7.17	15.55	26.67	42.21
C.Monti	ReachM1	1739.782	Tr=200 anni	36.67	97.25	98.13	99.33	0.030868	4.85	7.57	15.88	26.53	42.41
C.Monti	ReachM1	1739.782	Tr=500 anni	40.94	97.25	98.17	99.48	0.032129	5.07	8.07	16.29	26.37	42.66
C.Monti	ReachM1	1698.186	Tr=50 anni	30.31	94.97	95.74	97.43	0.054403	5.76	5.26	13.03	23.23	36.26
C.Monti	ReachM1	1698.186	Tr=100 anni	33.48	94.97	95.77	97.53	0.052801	5.88	5.69	13.35	23.08	36.43
C.Monti	ReachM1	1698.186	Tr=200 anni	36.67	94.97	95.80	97.64	0.051566	6.00	6.11	13.67	22.95	36.62
C.Monti	ReachM1	1698.186	Tr=500 anni	40.94	94.97	95.84	97.77	0.050221	6.15	6.66	14.09	22.77	36.86
C.Monti	ReachM1	1665.141	Tr=50 anni	30.31	93.21	93.87	95.53	0.060066	5.72	5.30	14.30	33.93	48.23
C.Monti	ReachM1	1665.141	Tr=100 anni	33.48	93.21	93.89	95.67	0.059964	5.92	5.66	14.50	33.86	48.36
C.Monti	ReachM1	1665.141	Tr=200 anni	36.67	93.21	93.92	95.80	0.059519	6.09	6.02	14.70	33.79	48.49
C.Monti	ReachM1	1665.141	Tr=500 anni	40.94	93.21	93.95	95.97	0.058718	6.29	6.51	14.96	33.70	48.66
C.Monti	ReachM1	1628.891	Tr=50 anni	30.31	90.54	91.15	93.01	0.080623	6.04	5.02	15.60	38.62	54.22
C.Monti	ReachM1	1628.891	Tr=100 anni	33.48	90.54	91.17	93.15	0.080187	6.24	5.36	15.81	38.49	54.31
C.Monti	ReachM1	1628.891	Tr=200 anni	36.67	90.54	91.19	93.30	0.079855	6.43	5.70	16.02	38.37	54.39
C.Monti	ReachM1	1628.891	Tr=500 anni	40.94	90.54	91.22	93.48	0.079356	6.66	6.14	16.28	38.21	54.49
C.Monti	ReachM1	1595.003	Tr=50 anni	30.31	89.33	91.03	91.08	0.000419	0.98	30.92	28.29	35.66	63.95
C.Monti	ReachM1	1595.003	Tr=100 anni	33.48	89.33	91.09	91.14	0.000439	1.03	32.58	28.78	35.36	64.14
C.Monti	ReachM1	1595.003	Tr=200 anni	36.67	89.33	91.15	91.20	0.000457	1.07	34.21	29.25	35.07	64.33
C.Monti	ReachM1	1595.003	Tr=500 anni	40.94	89.33	91.22	91.28	0.000482	1.13	36.28	29.84	34.72	64.56
C.Monti	ReachM1	1566.725	Tr=50 anni	30.31	89.61	90.96	91.06	0.001173	1.40	21.59	24.99	47.38	72.36
C.Monti	ReachM1	1566.725	Tr=100 anni	33.48	89.61	91.01	91.12	0.001206	1.46	22.95	25.61	47.03	72.64
C.Monti	ReachM1	1566.725	Tr=200 anni	36.67	89.61	91.06	91.18	0.001231	1.51	24.32	26.22	46.68	72.90
C.Monti	ReachM1	1566.725	Tr=500 anni	40.94	89.61	91.13	91.25	0.001267	1.57	26.05	26.97	46.26	73.23
C.Monti	ReachM1	1542.451	Tr=50 anni	30.31	89.75	90.68	90.98	0.005696	2.42	12.54	21.09	48.30	69.39
C.Monti	ReachM1	1542.451	Tr=100 anni	33.48	89.75	90.73	91.04	0.005604	2.48	13.51	21.59	48.07	69.67
C.Monti	ReachM1	1542.451	Tr=200 anni	36.67	89.75	90.77	91.10	0.005618	2.55	14.37	22.03	47.87	69.91
C.Monti	ReachM1	1542.451	Tr=500 anni	40.94	89.75	90.83	91.18	0.005420	2.61	15.71	22.70	47.57	70.27
C.Monti	ReachM1	1518.1	Tr=50 anni	30.31	88.78	89.36	90.58	0.048025	4.91	6.18	17.82	50.83	68.65
C.Monti	ReachM1	1518.1	Tr=100 anni	33.48	88.78	89.39	90.65	0.045926	4.98	6.73	18.37	50.57	68.93
C.Monti	ReachM1	1518.1	Tr=200 anni	36.67	88.78	89.42	90.71	0.043869	5.03	7.29	18.91	50.30	69.21
C.Monti	ReachM1	1518.1	Tr=500 anni	40.94	88.78	89.46	90.79	0.042051	5.12	7.99	19.57	49.99	69.55
C.Monti	ReachM1	1491.028	Tr=50 anni	30.31	84.52	84.91	88.05	0.198784	7.86	3.85	15.93	63.66	79.58
C.Monti	ReachM1	1491.028	Tr=100 anni	33.48	84.52	84.93	88.20	0.192448	8.02	4.17	16.32	63.43	79.75
C.Monti	ReachM1	1491.028	Tr=200 anni	36.67	84.52	84.94	88.34	0.186655	8.17	4.49	16.71	63.20	79.91
C.Monti	ReachM1	1491.028	Tr=500 anni	40.94	84.52	84.97	88.51	0.179137	8.33	4.91	17.21	62.91	80.12
C.Monti	ReachM1	1467.229	Tr=50 anni	30.31	80.02	80.57	83.95	0.149407	8.14	3.72	11.74	69.81	81.55
C.Monti	ReachM1	1467.229	Tr=100 anni	33.48	80.02	80.60	84.16	0.149390	8.36	4.01	12.14	69.62	81.76
C.Monti	ReachM1	1467.229	Tr=200 anni	36.67	80.02	80.62	84.35	0.149189	8.56	4.29	12.53	69.42	81.95
C.Monti	ReachM1	1467.229	Tr=500 anni	40.94	80.02	80.65	84.59	0.148610	8.80	4.65	13.02	69.18	82.20
C.Monti	ReachM1	1430.853	Tr=50 anni	30.31	79.36	80.14	81.17	0.029963	4.49	6.76	15.61	65.10	80.71
C.Monti	ReachM1	1430.853	Tr=100 anni	33.48	79.36	80.17	81.28	0.031265	4.68	7.15	15.99	64.87	80.86
C.Monti	ReachM1	1430.853	Tr=200 anni	36.67	79.36	80.19	81.40	0.032472	4.87	7.53	16.34	64.65	80.99
C.Monti	ReachM1	1430.853	Tr=500 anni	40.94	79.36	80.22	81.54	0.033940	5.10	8.03	16.79	64.38	81.17
C.Monti	ReachM1	1389.433	Tr=50 anni	30.31	77.70	78.28	79.59	0.047471	5.07	5.97	16.23	82.88	99.11
C.Monti	ReachM1	1389.433	Tr=100 anni	33.48	77.70	78.31	79.69	0.046643	5.20	6.44	16.62	82.70	99.32
C.Monti	ReachM1	1389.433	Tr=200 anni	36.67	77.70	78.34	79.78	0.046040	5.33	6.88	16.99	82.52	99.51
C.Monti	ReachM1	1389.433	Tr=500 anni	40.94	77.70	78.37	79.91	0.045472	5.49	7.46	17.45	82.31	99.75
C.Monti	ReachM1	1328.296	Tr=50 anni	30.31	75.44	75.99	76.87	0.038050	4.16	7.28	22.62	56.77	79.39
C.Monti	ReachM1	1328.296	Tr=100 anni	33.48	75.44	76.01	76.96	0.038917	4.32	7.75	23.13	56.52	79.65
C.Monti	ReachM1	1328.296	Tr=200 anni	36.67	75.44	76.03	77.05	0.039594	4.47	8.20	23.56	56.29	79.85

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
C.Monti	ReachM1	1328.296	Tr=500 anni	40.94	75.44	76.06	77.16	0.040363	4.66	8.79	24.11	55.98	80.09
C.Monti	ReachM1	1287.252	Tr=50 anni	30.31	73.78	74.44	75.43	0.032228	4.41	6.87	17.23	45.15	62.38
C.Monti	ReachM1	1287.252	Tr=100 anni	33.48	73.78	74.47	75.51	0.031973	4.52	7.40	17.75	44.83	62.58
C.Monti	ReachM1	1287.252	Tr=200 anni	36.67	73.78	74.50	75.59	0.031835	4.63	7.91	18.23	44.54	62.77
C.Monti	ReachM1	1287.252	Tr=500 anni	40.94	73.78	74.53	75.69	0.031657	4.77	8.58	18.85	44.16	63.01
C.Monti	ReachM1	1247.363	Tr=50 anni	30.31	71.95	72.66	73.94	0.042056	5.02	6.04	15.19	48.54	63.74
C.Monti	ReachM1	1247.363	Tr=100 anni	33.48	71.95	72.69	74.03	0.041504	5.14	6.51	15.61	48.29	63.90
C.Monti	ReachM1	1247.363	Tr=200 anni	36.67	71.95	72.71	74.12	0.041017	5.26	6.97	16.02	48.05	64.06
C.Monti	ReachM1	1247.363	Tr=500 anni	40.94	71.95	72.75	74.24	0.040429	5.40	7.57	16.53	47.74	64.27
C.Monti	ReachM1	1212.986	Tr=50 anni	30.31	69.99	70.43	72.10	0.067013	5.73	5.29	15.50	55.54	71.04
C.Monti	ReachM1	1212.986	Tr=100 anni	33.48	69.99	70.45	72.22	0.065743	5.89	5.68	15.73	55.44	71.17
C.Monti	ReachM1	1212.986	Tr=200 anni	36.67	69.99	70.48	72.34	0.064532	6.04	6.07	15.96	55.35	71.31
C.Monti	ReachM1	1212.986	Tr=500 anni	40.94	69.99	70.51	72.48	0.063018	6.22	6.58	16.26	55.22	71.48
C.Monti	ReachM1	1185.164	Tr=50 anni	30.31	69.22	69.79	70.67	0.029651	4.15	7.30	18.85	58.50	77.35
C.Monti	ReachM1	1185.164	Tr=100 anni	33.48	69.22	69.82	70.77	0.030675	4.33	7.73	19.19	58.42	77.61
C.Monti	ReachM1	1185.164	Tr=200 anni	36.67	69.22	69.84	70.87	0.031618	4.50	8.14	19.52	58.34	77.86
C.Monti	ReachM1	1185.164	Tr=500 anni	40.94	69.22	69.86	71.00	0.032761	4.72	8.68	19.94	58.24	78.18
C.Monti	ReachM1	1151.308	Tr=50 anni	35.39	68.38	68.98	69.76	0.023468	3.91	9.05	21.44	55.53	76.97
C.Monti	ReachM1	1151.308	Tr=100 anni	39.09	68.38	69.01	69.84	0.023434	4.04	9.69	21.86	55.38	77.24
C.Monti	ReachM1	1151.308	Tr=200 anni	42.82	68.38	69.04	69.92	0.023453	4.16	10.30	22.26	55.24	77.50
C.Monti	ReachM1	1151.308	Tr=500 anni	47.81	68.38	69.07	70.02	0.023537	4.31	11.09	22.76	55.06	77.82
C.Monti	ReachM1	1123.627	Tr=50 anni	35.39	67.51	69.07	69.13	0.000457	1.04	34.19	30.82	55.32	86.14
C.Monti	ReachM1	1123.627	Tr=100 anni	39.09	67.51	69.12	69.18	0.000493	1.09	35.73	31.35	55.08	86.43
C.Monti	ReachM1	1123.627	Tr=200 anni	42.82	67.51	69.17	69.24	0.000526	1.15	37.26	31.88	54.84	86.72
C.Monti	ReachM1	1123.627	Tr=500 anni	47.81	67.51	69.23	69.31	0.000568	1.22	39.21	32.53	54.55	87.08
C.Monti	ReachM1	1088.902	Tr=50 anni	35.39	67.35	69.07	69.11	0.000279	0.83	42.65	37.14	59.27	96.41
C.Monti	ReachM1	1088.902	Tr=100 anni	39.09	67.35	69.12	69.16	0.000300	0.88	44.53	37.61	59.04	96.65
C.Monti	ReachM1	1088.902	Tr=200 anni	42.82	67.35	69.17	69.21	0.000320	0.92	46.38	38.07	58.81	96.88
C.Monti	ReachM1	1088.902	Tr=500 anni	47.81	67.35	69.23	69.28	0.000345	0.98	48.74	38.65	58.53	97.18
C.Monti	ReachM1	1059.229	Tr=50 anni	35.39	67.97	68.80	69.06	0.006084	2.27	15.60	30.39	59.66	90.04
C.Monti	ReachM1	1059.229	Tr=100 anni	39.09	67.97	68.84	69.11	0.005849	2.31	16.93	31.19	59.10	90.28
C.Monti	ReachM1	1059.229	Tr=200 anni	42.82	67.97	68.88	69.17	0.005883	2.38	17.99	31.82	58.65	90.47
C.Monti	ReachM1	1059.229	Tr=500 anni	47.81	67.97	68.92	69.23	0.005791	2.45	19.53	32.70	58.03	90.73
C.Monti	ReachM1	1034.05	Tr=50 anni	35.39	67.28	67.81	68.70	0.032355	4.19	8.46	23.04	52.91	75.95
C.Monti	ReachM1	1034.05	Tr=100 anni	39.09	67.28	67.84	68.76	0.031374	4.26	9.18	23.81	52.47	76.28
C.Monti	ReachM1	1034.05	Tr=200 anni	42.82	67.28	67.87	68.81	0.030270	4.30	9.95	24.73	52.02	76.75
C.Monti	ReachM1	1034.05	Tr=500 anni	47.81	67.28	67.91	68.88	0.029386	4.37	10.93	25.96	51.47	77.43
C.Monti	ReachM1	1010.514	Tr=50 anni	35.39	65.78	66.26	67.66	0.056806	5.24	6.75	20.04	52.36	72.40
C.Monti	ReachM1	1010.514	Tr=100 anni	39.09	65.78	66.29	67.74	0.055921	5.34	7.31	20.82	51.99	72.81
C.Monti	ReachM1	1010.514	Tr=200 anni	42.82	65.78	66.32	67.82	0.054896	5.43	7.88	21.58	51.62	73.20
C.Monti	ReachM1	1010.514	Tr=500 anni	47.81	65.78	66.35	67.91	0.053547	5.54	8.63	22.55	51.16	73.71
C.Monti	ReachM1	984.2111	Tr=50 anni	35.39	64.50	65.15	66.31	0.042182	4.76	7.43	20.32	47.02	67.34
C.Monti	ReachM1	984.2111	Tr=100 anni	39.09	64.50	65.18	66.40	0.042143	4.91	7.97	20.83	46.85	67.68
C.Monti	ReachM1	984.2111	Tr=200 anni	42.82	64.50	65.20	66.50	0.042167	5.04	8.49	21.33	46.68	68.01
C.Monti	ReachM1	984.2111	Tr=500 anni	47.81	64.50	65.23	66.61	0.042047	5.20	9.19	21.96	46.47	68.43
C.Monti	ReachM1	959.0395	Tr=50 anni	35.39	63.13	63.71	65.14	0.049170	5.29	6.69	17.51	49.13	66.65
C.Monti	ReachM1	959.0395	Tr=100 anni	39.09	63.13	63.74	65.24	0.048436	5.43	7.20	17.93	48.94	66.87
C.Monti	ReachM1	959.0395	Tr=200 anni	42.82	63.13	63.77	65.34	0.047794	5.56	7.70	18.32	48.77	67.09
C.Monti	ReachM1	959.0395	Tr=500 anni	47.81	63.13	63.80	65.47	0.047003	5.72	8.36	18.83	48.54	67.37
C.Monti	ReachM1	934.6578	Tr=50 anni	35.39	61.44	61.98	63.74	0.064282	5.88	6.02	16.46	45.71	62.17
C.Monti	ReachM1	934.6578	Tr=100 anni	39.09	61.44	62.01	63.86	0.063410	6.04	6.48	16.85	45.52	62.37
C.Monti	ReachM1	934.6578	Tr=200 anni	42.82	61.44	62.03	63.98	0.062600	6.18	6.93	17.23	45.34	62.57
C.Monti	ReachM1	934.6578	Tr=500 anni	47.81	61.44	62.07	64.12	0.061586	6.36	7.52	17.71	45.10	62.82
C.Monti	ReachM1	910.7728	Tr=50 anni	35.39	59.90	60.42	62.12	0.069838	5.79	6.12	18.24	42.84	61.07
C.Monti	ReachM1	910.7728	Tr=100 anni	39.09	59.90	60.44	62.26	0.070385	5.98	6.54	18.66	42.52	61.18
C.Monti	ReachM1	910.7728	Tr=200 anni	42.82	59.90	60.46	62.39	0.070616	6.15	6.96	19.08	42.20	61.28
C.Monti	ReachM1	910.7728	Tr=500 anni	47.81	59.90	60.49	62.55	0.070757	6.36	7.52	19.65	41.77	61.42
C.Monti	ReachM1	885.4531	Tr=50 anni	35.39	59.61	60.34	60.96	0.019239	3.48	10.16	24.70	46.13	70.83
C.Monti	ReachM1	885.4531	Tr=100 anni	39.09	59.61	60.36	61.04	0.020457	3.67	10.66	25.09	45.87	70.95
C.Monti	ReachM1	885.4531	Tr=200 anni	42.82	59.61	60.38	61.13	0.021563	3.84	11.15	25.47	45.61	71.07
C.Monti	ReachM1	885.4531	Tr=500 anni	47.81	59.61	60.40	61.24	0.022871	4.06	11.79	25.95	45.27	71.22
C.Monti	ReachM1	860.3278	Tr=50 anni	35.39	59.16	59.70	60.41	0.024240	3.73	9.50	24.81	49.57	74.38
C.Monti	ReachM1	860.3278	Tr=100 anni	39.09	59.16	59.73	60.48	0.024337	3.84	10.17	25.43	49.24	74.68
C.Monti	ReachM1	860.3278	Tr=200 anni	42.82	59.16	59.75	60.55	0.024427	3.95	10.83	26.04	48.92	74.96
C.Monti	ReachM1	860.3278	Tr=500 anni	47.81	59.16	59.78	60.64	0.024815	4.11	11.64	26.76	48.54	75.30
C.Monti	ReachM1	834.4301	Tr=50 anni	35.39	58.94	59.77	60.06	0.005878	2.37	14.92	26.48	35.53	62.02
C.Monti	ReachM1	834.4301	Tr=100 anni	39.09	58.94	59.81	60.12	0.005786	2.43	16.10	27.26	35.22	62.48
C.Monti	ReachM1	834.4301	Tr=200 anni	42.82	58.94	59.86	60.17	0.005705	2.48	17.26	28.01	34.91	62.92
C.Monti	ReachM1	834.4301	Tr=500 anni	47.81	58.94	59.89	60.24	0.006260	2.65	18.06	28.51	34.71	63.22
C.Monti	ReachM1	810.1131	Tr=50 anni	35.39	58.58	59.71	59.84	0.001912	1.63	21.75	29.23	31.14	60.38
C.Monti	ReachM1	810.1131	Tr=100 anni	39.09	58.58	59.75	59.89	0.002013	1.71	22.87	29.68	30.96	60.64
C.Monti	ReachM1	810.1131	Tr=200 anni	42.82	58.58	59.78	59.94	0.002112	1.79	23.95	30.10	30.78	60.88
C.Monti	ReachM1	810.1131	Tr=500 anni	47.81	58.58	59.83	60.01	0.002230	1.89	25.35	30.65	30.56	61.20

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
C.Monti	ReachM1	784.084	Tr=50 anni	35.39	58.44	59.70	59.79	0.001134	1.35	26.18	31.41	34.74	66.15
C.Monti	ReachM1	784.084	Tr=100 anni	39.09	58.44	59.74	59.84	0.001224	1.43	27.37	32.03	34.42	66.45
C.Monti	ReachM1	784.084	Tr=200 anni	42.82	58.44	59.77	59.89	0.001312	1.50	28.53	32.62	34.11	66.73
C.Monti	ReachM1	784.084	Tr=500 anni	47.81	58.44	59.82	59.95	0.001428	1.59	30.05	33.55	33.54	67.10
C.Monti	ReachM1	759.8393	Tr=50 anni	35.39	58.30	59.71	59.76	0.000541	0.98	36.06	40.17	35.13	75.30
C.Monti	ReachM1	759.8393	Tr=100 anni	39.09	58.30	59.75	59.81	0.000582	1.04	37.67	40.78	34.80	75.58
C.Monti	ReachM1	759.8393	Tr=200 anni	42.82	58.30	59.79	59.85	0.000622	1.09	39.22	41.35	34.49	75.84
C.Monti	ReachM1	759.8393	Tr=500 anni	47.81	58.30	59.84	59.91	0.000671	1.16	41.25	42.09	34.09	76.18
C.Monti	ReachM1	734.6941	Tr=50 anni	35.39	58.72	59.49	59.71	0.006560	2.06	17.17	40.92	41.36	82.28
C.Monti	ReachM1	734.6941	Tr=100 anni	39.09	58.72	59.53	59.75	0.006364	2.11	18.50	41.54	41.04	82.58
C.Monti	ReachM1	734.6941	Tr=200 anni	42.82	58.72	59.56	59.80	0.006130	2.15	19.88	42.17	40.72	82.89
C.Monti	ReachM1	734.6941	Tr=500 anni	47.81	58.72	59.60	59.85	0.005998	2.22	21.53	42.91	40.33	83.25
C.Monti	ReachM1	711.2391	Tr=50 anni	35.39	57.69	58.24	59.31	0.042152	4.58	7.72	22.40	69.71	92.11
C.Monti	ReachM1	711.2391	Tr=100 anni	39.09	57.69	58.27	59.36	0.040045	4.63	8.44	23.18	69.15	92.33
C.Monti	ReachM1	711.2391	Tr=200 anni	42.82	57.69	58.30	59.41	0.038163	4.67	9.16	23.94	68.62	92.55
C.Monti	ReachM1	711.2391	Tr=500 anni	47.81	57.69	58.34	59.48	0.035530	4.72	10.12	24.66	68.18	92.84
C.Monti	ReachM1	684.0492	Tr=50 anni	35.39	56.66	57.04	58.01	0.051835	4.36	8.12	29.65	44.95	74.60
C.Monti	ReachM1	684.0492	Tr=100 anni	39.09	56.66	57.06	58.11	0.052426	4.54	8.62	29.87	44.92	74.79
C.Monti	ReachM1	684.0492	Tr=200 anni	42.82	56.66	57.08	58.20	0.052536	4.69	9.12	30.09	44.89	74.98
C.Monti	ReachM1	684.0492	Tr=500 anni	47.81	56.66	57.10	58.31	0.052057	4.87	9.81	30.39	44.84	75.24
C.Monti	ReachM1	660.6116	Tr=50 anni	35.39	54.50	55.03	56.65	0.059249	5.64	6.28	17.10	34.64	51.74
C.Monti	ReachM1	660.6116	Tr=100 anni	39.09	54.50	55.06	56.75	0.057903	5.77	6.78	17.53	34.59	52.11
C.Monti	ReachM1	660.6116	Tr=200 anni	42.82	54.50	55.09	56.86	0.056788	5.89	7.27	17.93	34.53	52.47
C.Monti	ReachM1	660.6116	Tr=500 anni	47.81	54.50	55.12	56.99	0.055521	6.05	7.91	18.45	34.47	52.92
C.Monti	ReachM1	627.4446	Tr=50 anni	35.39	53.90	54.85	55.38	0.016614	3.22	11.00	26.68	37.03	76.35
C.Monti	ReachM1	627.4446	Tr=100 anni	39.09	53.90	54.88	55.45	0.017526	3.34	11.69	27.84	36.96	77.06
C.Monti	ReachM1	627.4446	Tr=200 anni	42.82	53.90	54.90	55.52	0.018451	3.48	12.32	28.80	36.90	77.61
C.Monti	ReachM1	627.4446	Tr=500 anni	47.81	53.90	54.93	55.61	0.019627	3.65	13.10	29.83	36.82	78.14
C.Monti	ReachM1	602.7522	Tr=50 anni	35.39	52.76	53.75	54.77	0.032877	4.47	7.92	19.71	27.88	47.58
C.Monti	ReachM1	602.7522	Tr=100 anni	39.09	52.76	53.79	54.84	0.031246	4.53	8.63	20.23	27.71	47.94
C.Monti	ReachM1	602.7522	Tr=200 anni	42.82	52.76	53.82	54.90	0.029970	4.59	9.32	20.74	27.54	48.28
C.Monti	ReachM1	602.7522	Tr=500 anni	47.81	52.76	53.87	54.98	0.028639	4.68	10.22	21.37	27.33	48.70
C.Monti	ReachM1	584.4141	Tr=50 anni	35.39	52.27	53.46	54.17	0.023607	3.73	9.49	24.04	24.40	48.44
C.Monti	ReachM1	584.4141	Tr=100 anni	39.09	52.27	53.49	54.25	0.024031	3.87	10.11	24.60	24.26	48.86
C.Monti	ReachM1	584.4141	Tr=200 anni	42.82	52.27	53.51	54.33	0.024426	4.00	10.71	25.10	24.13	49.24
C.Monti	ReachM1	584.4141	Tr=500 anni	47.81	52.27	53.54	54.42	0.024764	4.16	11.51	25.71	23.97	49.68
C.Monti	ReachM1	548.7576	Tr=50 anni	35.39	51.78	52.39	53.17	0.033163	3.91	9.04	27.61	26.87	54.48
C.Monti	ReachM1	548.7576	Tr=100 anni	39.09	51.78	52.42	53.25	0.032897	4.04	9.68	28.04	26.83	54.87
C.Monti	ReachM1	548.7576	Tr=200 anni	42.82	51.78	52.44	53.32	0.032700	4.16	10.30	28.44	26.79	55.23
C.Monti	ReachM1	548.7576	Tr=500 anni	47.81	51.78	52.47	53.41	0.032333	4.31	11.10	28.78	26.74	55.52
C.Monti	ReachM1	506.946	Tr=50 anni	35.39	50.13	51.20	52.02	0.023038	4.01	8.83	19.74	23.72	43.46
C.Monti	ReachM1	506.946	Tr=100 anni	39.09	50.13	51.24	52.11	0.022893	4.13	9.46	20.08	23.57	43.66
C.Monti	ReachM1	506.946	Tr=200 anni	42.82	50.13	51.27	52.19	0.022655	4.25	10.08	20.38	23.47	43.85
C.Monti	ReachM1	506.946	Tr=500 anni	47.81	50.13	51.31	52.29	0.022437	4.39	10.88	20.75	23.34	44.09
C.Monti	ReachM1	481.209	Tr=50 anni	35.39	49.48	50.47	51.40	0.024154	4.28	8.26	17.27	18.23	35.50
C.Monti	ReachM1	481.209	Tr=100 anni	39.09	49.48	50.51	51.47	0.026100	4.35	8.99	19.51	16.39	35.90
C.Monti	ReachM1	481.209	Tr=200 anni	42.82	49.48	50.54	51.55	0.025906	4.47	9.58	19.83	16.36	36.20
C.Monti	ReachM1	481.209	Tr=500 anni	47.81	49.48	50.58	51.65	0.026464	4.60	10.40	20.92	16.33	37.25
C.Monti	ReachM1	455.0606	Tr=50 anni	35.39	49.51	50.26	50.82	0.013719	3.34	10.59	21.13	27.57	48.70
C.Monti	ReachM1	455.0606	Tr=100 anni	39.09	49.51	50.30	50.89	0.013114	3.40	11.50	21.61	27.43	49.04
C.Monti	ReachM1	455.0606	Tr=200 anni	42.82	49.51	50.33	50.96	0.013444	3.52	12.17	22.15	27.34	49.49
C.Monti	ReachM1	455.0606	Tr=500 anni	47.81	49.51	50.39	51.01	0.014747	3.49	13.70	27.06	27.14	54.20
C.Monti	ReachM1	431.6013	Tr=50 anni	35.39	48.40	49.44	50.35	0.027697	4.21	8.41	20.04	55.45	92.86
C.Monti	ReachM1	431.6013	Tr=100 anni	39.09	48.40	49.48	50.37	0.037901	4.18	9.35	28.59	55.39	95.99
C.Monti	ReachM1	431.6013	Tr=200 anni	42.82	48.40	49.50	50.43	0.037883	4.27	10.03	29.73	55.35	96.57
C.Monti	ReachM1	431.6013	Tr=500 anni	47.81	48.40	49.55	50.44	0.040405	4.20	11.39	36.34	55.28	98.60
C.Monti	ReachM1	407.365	Tr=50 anni	35.39	47.68	48.77	49.51	0.038232	3.81	9.28	32.68	57.85	100.84
C.Monti	ReachM1	407.365	Tr=100 anni	39.09	47.68	48.82	49.49	0.030240	3.62	10.80	34.49	57.77	101.22
C.Monti	ReachM1	407.365	Tr=200 anni	42.82	47.68	48.84	49.55	0.030414	3.73	11.49	35.28	57.74	101.38
C.Monti	ReachM1	407.365	Tr=500 anni	47.81	47.68	48.88	49.58	0.027779	3.72	12.85	36.97	57.68	101.69
C.Monti	ReachM1	383.2009	Tr=50 anni	35.39	47.36	48.38	48.83	0.017461	2.98	11.89	33.87	52.59	86.46
C.Monti	ReachM1	383.2009	Tr=100 anni	39.09	47.36	48.40	48.88	0.017670	3.05	12.81	35.46	52.56	88.02
C.Monti	ReachM1	383.2009	Tr=200 anni	42.82	47.36	48.43	48.93	0.017732	3.15	13.61	36.05	52.52	88.57
C.Monti	ReachM1	383.2009	Tr=500 anni	47.81	47.36	48.45	49.00	0.017921	3.28	14.58	36.58	52.49	89.06
C.Monti	ReachM1	361.7294	Tr=50 anni	35.39	46.94	47.81	48.39	0.022490	3.39	10.44	29.67	38.33	68.00
C.Monti	ReachM1	361.7294	Tr=100 anni	39.09	46.94	47.83	48.44	0.022010	3.46	11.30	30.64	38.22	68.85
C.Monti	ReachM1	361.7294	Tr=200 anni	42.82	46.94	47.86	48.50	0.021457	3.54	12.08	30.97	38.11	69.08
C.Monti	ReachM1	361.7294	Tr=500 anni	47.81	46.94	47.89	48.57	0.020963	3.65	13.09	31.52	37.86	69.38
C.Monti	ReachM1	335.5606	Tr=50 anni	35.39	46.44	47.20	47.78	0.024052	3.36	10.52	31.75	36.46	68.21
C.Monti	ReachM1	335.5606	Tr=100 anni	39.09	46.44	47.22	47.84	0.023825	3.48	11.22	31.92	36.33	68.26
C.Monti	ReachM1	335.5606	Tr=200 anni	42.82	46.44	47.25	47.91	0.023764	3.60	11.89	32.09	36.21	68.30
C.Monti	ReachM1	335.5606	Tr=500 anni	47.81	46.44	47.28	47.97	0.024815	3.70	12.93	34.69	29.89	68.37

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
C.Monti	ReachM1	306.4908	Tr=50 anni	35.39	45.75	47.11	47.32	0.007117	2.02	17.56	45.84	24.89	75.24
C.Monti	ReachM1	306.4908	Tr=100 anni	39.09	45.75	47.13	47.36	0.007707	2.13	18.32	46.59	24.76	75.29
C.Monti	ReachM1	306.4908	Tr=200 anni	42.82	45.75	47.15	47.40	0.008311	2.25	19.03	47.28	24.64	75.35
C.Monti	ReachM1	306.4908	Tr=500 anni	47.81	45.75	47.18	47.45	0.008566	2.34	20.46	49.13	24.40	75.45
C.Monti	ReachM1	279.7231	Tr=50 anni	35.39	45.29	46.40	46.97	0.021730	3.37	10.50	29.28	57.39	86.66
C.Monti	ReachM1	279.7231	Tr=100 anni	39.09	45.29	46.44	47.00	0.023361	3.31	11.80	35.68	52.40	88.08
C.Monti	ReachM1	279.7231	Tr=200 anni	42.82	45.29	46.47	47.03	0.021906	3.33	12.85	36.71	51.72	88.43
C.Monti	ReachM1	279.7231	Tr=500 anni	47.81	45.29	46.50	47.08	0.021296	3.38	14.15	38.75	50.08	88.84
C.Monti	ReachM1	255.4698	Tr=50 anni	35.39	45.41	45.93	46.40	0.023207	3.02	11.72	40.51	33.20	82.82
C.Monti	ReachM1	255.4698	Tr=100 anni	39.09	45.41	45.96	46.43	0.021151	3.03	12.89	41.29	33.14	83.04
C.Monti	ReachM1	255.4698	Tr=200 anni	42.82	45.41	45.98	46.48	0.021754	3.16	13.56	41.72	33.10	83.16
C.Monti	ReachM1	255.4698	Tr=500 anni	47.81	45.41	46.00	46.55	0.021856	3.28	14.56	42.37	33.05	83.33
C.Monti	ReachM1	227.6936	Tr=50 anni	35.39	44.54	45.32	45.74	0.022852	2.85	12.40	46.14	40.44	92.61
C.Monti	ReachM1	227.6936	Tr=100 anni	39.09	44.54	45.34	45.80	0.024170	3.01	12.98	46.54	40.33	92.75
C.Monti	ReachM1	227.6936	Tr=200 anni	42.82	44.54	45.35	45.84	0.023975	3.10	13.80	47.02	40.17	92.87
C.Monti	ReachM1	227.6936	Tr=500 anni	47.81	44.54	45.38	45.91	0.024088	3.23	14.80	47.58	39.99	92.99
C.Monti	ReachM1	200.1184	Tr=50 anni	35.39	43.30	44.51	45.05	0.026460	3.26	10.85	36.64	50.22	93.23
C.Monti	ReachM1	200.1184	Tr=100 anni	39.09	43.30	44.53	45.09	0.026572	3.32	11.78	38.00	50.07	93.28
C.Monti	ReachM1	200.1184	Tr=200 anni	42.82	43.30	44.55	45.14	0.026789	3.39	12.62	40.56	49.94	93.34
C.Monti	ReachM1	200.1184	Tr=500 anni	47.81	43.30	44.58	45.19	0.027281	3.47	13.77	43.34	49.77	93.40
C.Monti	ReachM1	178.147	Tr=50 anni	35.39	43.09	44.48	44.68	0.006895	1.96	18.09	47.97	42.07	90.94
C.Monti	ReachM1	178.147	Tr=100 anni	39.09	43.09	44.51	44.72	0.007024	2.03	19.27	49.05	41.94	90.99
C.Monti	ReachM1	178.147	Tr=200 anni	42.82	43.09	44.53	44.76	0.007234	2.12	20.20	49.19	41.83	91.02
C.Monti	ReachM1	178.147	Tr=500 anni	47.81	43.09	44.56	44.81	0.007297	2.22	21.56	49.39	41.68	91.07
C.Monti	ReachM1	163.8414	Tr=50 anni	35.39	43.06	43.77	44.46	0.023192	3.69	9.60	24.46	47.76	80.47
C.Monti	ReachM1	163.8414	Tr=100 anni	39.09	43.06	43.81	44.51	0.021493	3.70	10.56	25.26	47.46	80.59
C.Monti	ReachM1	163.8414	Tr=200 anni	42.82	43.06	43.85	44.54	0.022055	3.69	11.59	28.39	40.63	80.70
C.Monti	ReachM1	163.8414	Tr=500 anni	47.81	43.06	43.89	44.59	0.021877	3.71	12.88	31.12	40.39	80.83
C.Monti	ReachM1	139.4008	Tr=50 anni	35.39	42.52	43.21	43.73	0.033589	3.22	10.99	45.57	12.01	63.55
C.Monti	ReachM1	139.4008	Tr=100 anni	39.09	42.52	43.22	43.81	0.035778	3.40	11.49	45.99	11.96	63.57
C.Monti	ReachM1	139.4008	Tr=200 anni	42.82	42.52	43.23	43.85	0.034699	3.48	12.30	46.54	11.87	63.62
C.Monti	ReachM1	139.4008	Tr=500 anni	47.81	42.52	43.25	43.92	0.034540	3.61	13.23	47.15	11.78	63.67
C.Monti	ReachM1	103.1263	Tr=50 anni	35.39	41.29	42.59	42.95	0.013461	2.69	13.17	35.88	54.93	90.81
C.Monti	ReachM1	103.1263	Tr=100 anni	39.09	41.29	42.61	43.00	0.013307	2.78	14.07	36.15	54.72	90.87
C.Monti	ReachM1	103.1263	Tr=200 anni	42.82	41.29	42.63	43.05	0.013376	2.88	14.88	36.40	54.53	90.93
C.Monti	ReachM1	103.1263	Tr=500 anni	47.81	41.29	42.66	43.12	0.013392	3.00	15.95	36.72	54.29	91.01
C.Monti	ReachM1	74.06226	Tr=50 anni	35.39	40.87	41.79	42.38	0.028784	3.39	10.44	35.62	68.05	118.12
C.Monti	ReachM1	74.06226	Tr=100 anni	39.09	40.87	41.82	42.42	0.030885	3.43	11.40	40.31	66.87	118.45
C.Monti	ReachM1	74.06226	Tr=200 anni	42.82	40.87	41.84	42.46	0.032125	3.49	12.28	43.63	66.36	118.75
C.Monti	ReachM1	74.06226	Tr=500 anni	47.81	40.87	41.86	42.52	0.032456	3.59	13.31	45.56	65.98	119.07
C.Monti	ReachM1	48.07817	Tr=50 anni	35.39	40.61	41.22	41.78	0.018569	3.29	10.75	26.94	0.00	26.94
C.Monti	ReachM1	48.07817	Tr=100 anni	39.09	40.61	41.26	41.83	0.016961	3.33	11.74	27.01	0.00	27.01
C.Monti	ReachM1	48.07817	Tr=200 anni	42.82	40.61	41.30	41.88	0.015909	3.38	12.66	27.07	0.00	27.07
C.Monti	ReachM1	48.07817	Tr=500 anni	47.81	40.61	41.34	41.95	0.015149	3.48	13.75	27.15	0.00	27.15
C.Monti	ReachM1	24.3464	Tr=50 anni	35.39	40.17	40.70	41.30	0.021832	3.42	10.34	28.10	0.00	28.10
C.Monti	ReachM1	24.3464	Tr=100 anni	39.09	40.17	40.72	41.36	0.021665	3.55	11.02	28.19	0.00	28.19
C.Monti	ReachM1	24.3464	Tr=200 anni	42.82	40.17	40.75	41.43	0.021564	3.67	11.68	28.28	0.00	28.28
C.Monti	ReachM1	24.3464	Tr=500 anni	47.81	40.17	40.78	41.52	0.021337	3.81	12.54	28.39	0.00	28.39
C.Monti	ReachM1	9.14835	Tr=50 anni	35.39	39.64	40.67	41.02	0.008740	2.60	13.61	27.88	0.00	27.88
C.Monti	ReachM1	9.14835	Tr=100 anni	39.09	39.64	40.70	41.08	0.009209	2.74	14.27	28.12	0.00	28.12
C.Monti	ReachM1	9.14835	Tr=200 anni	42.82	39.64	40.72	41.14	0.009655	2.87	14.92	28.34	0.00	28.34
C.Monti	ReachM1	9.14835	Tr=500 anni	47.81	39.64	40.75	41.22	0.010359	3.05	15.66	28.60	0.00	28.60
C.M.Lisau	ReachM1	748.2654	Tr=50 anni	3.53	44.72	45.30	45.45	0.007657	1.71	2.06	7.16	22.35	29.51
C.M.Lisau	ReachM1	748.2654	Tr=100 anni	3.90	44.72	45.32	45.48	0.007430	1.75	2.23	7.30	22.28	29.58
C.M.Lisau	ReachM1	748.2654	Tr=200 anni	4.27	44.72	45.34	45.51	0.007390	1.80	2.37	7.41	22.23	29.64
C.M.Lisau	ReachM1	748.2654	Tr=500 anni	4.77	44.72	45.37	45.54	0.007234	1.86	2.57	7.57	22.15	29.72
C.M.Lisau	ReachM1	702.9111	Tr=50 anni	3.53	43.62	43.82	44.48	0.148497	3.60	0.98	10.48	40.44	50.92
C.M.Lisau	ReachM1	702.9111	Tr=100 anni	3.90	43.62	43.82	44.52	0.147075	3.71	1.05	10.66	40.38	51.05
C.M.Lisau	ReachM1	702.9111	Tr=200 anni	4.27	43.62	43.83	44.56	0.141117	3.79	1.13	10.74	40.33	51.07
C.M.Lisau	ReachM1	702.9111	Tr=500 anni	4.77	43.62	43.84	44.62	0.136168	3.91	1.22	10.83	40.26	51.10
C.M.Lisau	ReachM1	659.4631	Tr=50 anni	3.53	42.18	42.45	42.60	0.018068	1.71	2.07	14.01	21.81	35.82
C.M.Lisau	ReachM1	659.4631	Tr=100 anni	3.90	42.18	42.46	42.62	0.018367	1.78	2.20	14.17	21.68	35.85
C.M.Lisau	ReachM1	659.4631	Tr=200 anni	4.27	42.18	42.46	42.64	0.018786	1.85	2.31	14.31	21.57	35.88
C.M.Lisau	ReachM1	659.4631	Tr=500 anni	4.77	42.18	42.48	42.67	0.019348	1.94	2.46	14.50	21.42	35.92
C.M.Lisau	ReachM1	601.2627	Tr=50 anni	3.53	40.27	40.51	40.92	0.051054	2.82	1.25	8.64	58.58	67.22
C.M.Lisau	ReachM1	601.2627	Tr=100 anni	3.90	40.27	40.52	40.94	0.048935	2.88	1.36	8.81	58.43	67.25
C.M.Lisau	ReachM1	601.2627	Tr=200 anni	4.27	40.27	40.53	40.97	0.046965	2.92	1.46	8.99	58.29	67.27
C.M.Lisau	ReachM1	601.2627	Tr=500 anni	4.77	40.27	40.55	41.00	0.044608	2.98	1.60	9.20	58.11	67.31
C.M.Lisau	ReachM1	532.7986	Tr=50 anni	3.53	37.27	37.72	38.20	0.031496	3.09	1.14	4.66	37.93	42.60
C.M.Lisau	ReachM1	532.7986	Tr=100 anni	3.90	37.27	37.74	38.24	0.032356	3.15	1.24	5.03	37.90	42.93
C.M.Lisau	ReachM1	532.7986	Tr=200 anni	4.27	37.27	37.75	38.28	0.033189	3.21	1.33	5.35	37.87	43.22
C.M.Lisau	ReachM1	532.7986	Tr=500 anni	4.77	37.27	37.77	38.33	0.034195	3.30	1.44	5.69	37.84	43.53
C.M.Lisau	ReachM1	489.1347	Tr=50 anni	3.53	35.98	36.31	36.73	0.035071	2.87	1.23	6.23	47.16	53.39

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
C.M.Lisau	ReachM1	489.1347	Tr=100 anni	3.90	35.98	36.33	36.77	0.034322	2.93	1.33	6.43	47.06	53.49
C.M.Lisau	ReachM1	489.1347	Tr=200 anni	4.27	35.98	36.34	36.79	0.033836	2.96	1.44	6.78	46.81	53.59
C.M.Lisau	ReachM1	489.1347	Tr=500 anni	4.77	35.98	36.36	36.83	0.033408	3.01	1.59	7.24	46.47	53.71
C.M.Lisau	ReachM1	445.7494	Tr=50 anni	4.45	34.52	34.79	35.14	0.037015	2.64	1.69	10.14	37.92	48.06
C.M.Lisau	ReachM1	445.7494	Tr=100 anni	4.91	34.52	34.80	35.18	0.037721	2.73	1.80	10.49	37.80	48.29
C.M.Lisau	ReachM1	445.7494	Tr=200 anni	5.38	34.52	34.81	35.21	0.038058	2.80	1.92	10.81	37.71	48.52
C.M.Lisau	ReachM1	445.7494	Tr=500 anni	6.01	34.52	34.83	35.25	0.038318	2.89	2.08	11.22	37.59	48.81
C.M.Lisau	ReachM1	382.252	Tr=50 anni	4.45	32.56	32.85	33.14	0.026730	2.36	1.88	10.49	27.10	37.59
C.M.Lisau	ReachM1	382.252	Tr=100 anni	4.91	32.56	32.87	33.17	0.026392	2.43	2.02	10.73	26.94	37.66
C.M.Lisau	ReachM1	382.252	Tr=200 anni	5.38	32.56	32.88	33.20	0.026293	2.50	2.15	10.89	26.84	37.73
C.M.Lisau	ReachM1	382.252	Tr=500 anni	6.01	32.56	32.89	33.24	0.026103	2.59	2.32	11.08	26.73	37.81
C.M.Lisau	ReachM1	350.5164	Tr=50 anni	4.45	31.51	31.87	32.21	0.031287	2.61	1.70	9.14	74.87	84.01
C.M.Lisau	ReachM1	350.5164	Tr=100 anni	4.91	31.51	31.88	32.25	0.031181	2.70	1.82	9.30	74.78	84.08
C.M.Lisau	ReachM1	350.5164	Tr=200 anni	5.38	31.51	31.89	32.28	0.030984	2.77	1.94	9.46	74.69	84.15
C.M.Lisau	ReachM1	350.5164	Tr=500 anni	6.01	31.51	31.91	32.33	0.030794	2.87	2.09	9.66	74.57	84.23
C.M.Lisau	ReachM1	309.4245	Tr=50 anni	4.45	30.60	30.87	31.02	0.024634	1.71	2.60	22.17	53.43	75.60
C.M.Lisau	ReachM1	309.4245	Tr=100 anni	4.91	30.60	30.87	31.04	0.025171	1.79	2.75	22.25	53.38	75.63
C.M.Lisau	ReachM1	309.4245	Tr=200 anni	5.38	30.60	30.88	31.06	0.025902	1.87	2.88	22.33	53.34	75.66
C.M.Lisau	ReachM1	309.4245	Tr=500 anni	6.01	30.60	30.89	31.09	0.026677	1.97	3.06	22.42	53.28	75.70
C.M.Lisau	ReachM1	269.5815	Tr=50 anni	4.45	29.19	29.58	29.76	0.041788	1.86	2.40	26.78	74.34	105.19
C.M.Lisau	ReachM1	269.5815	Tr=100 anni	4.91	29.19	29.59	29.77	0.040967	1.90	2.58	27.39	74.20	105.31
C.M.Lisau	ReachM1	269.5815	Tr=200 anni	5.38	29.19	29.60	29.79	0.040009	1.94	2.77	27.99	74.06	105.38
C.M.Lisau	ReachM1	269.5815	Tr=500 anni	6.01	29.19	29.61	29.81	0.039161	2.00	3.01	28.68	73.90	105.47
C.M.Lisau	ReachM1	220.3834	Tr=50 anni	4.45	27.98	28.23	28.36	0.020356	1.58	2.81	23.25	142.06	165.31
C.M.Lisau	ReachM1	220.3834	Tr=100 anni	4.91	27.98	28.24	28.37	0.020529	1.65	2.98	23.45	141.91	165.36
C.M.Lisau	ReachM1	220.3834	Tr=200 anni	5.38	27.98	28.24	28.39	0.020789	1.71	3.15	23.64	141.76	165.41
C.M.Lisau	ReachM1	220.3834	Tr=500 anni	6.01	27.98	28.25	28.42	0.021105	1.79	3.36	23.88	141.58	165.47
C.M.Lisau	ReachM1	174.9188	Tr=50 anni	4.45	27.39	28.02	28.02	0.000054	0.18	24.15	59.16	144.25	204.20
C.M.Lisau	ReachM1	174.9188	Tr=100 anni	4.91	27.39	28.05	28.05	0.000054	0.19	25.90	60.32	143.72	204.41
C.M.Lisau	ReachM1	174.9188	Tr=200 anni	5.38	27.39	28.08	28.08	0.000051	0.19	27.90	61.04	143.60	204.64
C.M.Lisau	ReachM1	174.9188	Tr=500 anni	6.01	27.39	28.12	28.12	0.000050	0.20	30.17	61.45	143.45	204.91
C.M.Lisau	ReachM1	103.0745	Tr=50 anni	4.45	27.12	28.02	28.02	0.000012	0.10	43.61	85.27	214.34	310.77
C.M.Lisau	ReachM1	103.0745	Tr=100 anni	4.91	27.12	28.04	28.04	0.000013	0.11	46.12	86.11	214.27	310.99
C.M.Lisau	ReachM1	103.0745	Tr=200 anni	5.38	27.12	28.08	28.08	0.000013	0.11	48.97	87.13	214.20	311.28
C.M.Lisau	ReachM1	103.0745	Tr=500 anni	6.01	27.12	28.11	28.12	0.000013	0.12	52.23	88.30	214.11	311.66
C.M.Lisau	ReachM1	49.00159	Tr=50 anni	4.45	27.18	28.01	28.01	0.000014	0.10	44.03	98.03	222.97	321.00
C.M.Lisau	ReachM1	49.00159	Tr=100 anni	4.91	27.18	28.04	28.04	0.000015	0.10	46.92	100.48	222.81	354.42
C.M.Lisau	ReachM1	49.00159	Tr=200 anni	5.38	27.18	28.08	28.08	0.000015	0.11	50.31	105.67	222.64	356.51
C.M.Lisau	ReachM1	49.00159	Tr=500 anni	6.01	27.18	28.11	28.11	0.000016	0.11	54.35	112.91	222.44	356.99
C.M.Lisau	ReachM1	34.02022	Tr=50 anni	4.45	27.24	28.01	28.01	0.000015	0.10	44.59	104.76	244.20	369.47
C.M.Lisau	ReachM1	34.02022	Tr=100 anni	4.91	27.24	28.04	28.04	0.000016	0.10	47.73	110.22	244.14	370.23
C.M.Lisau	ReachM1	34.02022	Tr=200 anni	5.38	27.24	28.08	28.08	0.000015	0.10	51.45	114.17	244.07	370.89
C.M.Lisau	ReachM1	34.02022	Tr=500 anni	6.01	27.24	28.11	28.11	0.000015	0.11	55.72	115.76	243.99	371.63
C.Bingias	ReachM1	880.2302	Tr=50 anni	23.37	180.90	181.95	182.19	0.006542	2.18	10.72	23.15	19.02	42.17
C.Bingias	ReachM1	880.2302	Tr=100 anni	25.87	180.90	181.98	182.24	0.006355	2.24	11.54	23.40	18.93	42.33
C.Bingias	ReachM1	880.2302	Tr=200 anni	28.40	180.90	182.03	182.29	0.006050	2.26	12.57	24.28	18.25	42.53
C.Bingias	ReachM1	880.2302	Tr=500 anni	31.79	180.90	182.07	182.35	0.005973	2.32	13.70	25.15	17.58	42.74
C.Bingias	ReachM1	851.6902	Tr=50 anni	23.37	178.01	178.62	181.45	0.113395	7.45	3.14	9.14	17.84	26.98
C.Bingias	ReachM1	851.6902	Tr=100 anni	25.87	178.01	178.65	181.51	0.109446	7.49	3.46	9.73	17.38	27.11
C.Bingias	ReachM1	851.6902	Tr=200 anni	28.40	178.01	178.68	181.58	0.101552	7.54	3.77	9.92	17.31	27.24
C.Bingias	ReachM1	851.6902	Tr=500 anni	31.79	178.01	178.73	181.65	0.092121	7.57	4.20	10.18	17.22	27.40
C.Bingias	ReachM1	815.8853	Tr=50 anni	23.37	174.78	175.43	178.05	0.077924	7.17	3.26	7.51	27.46	40.71
C.Bingias	ReachM1	815.8853	Tr=100 anni	25.87	174.78	175.50	177.68	0.093764	6.54	3.96	12.10	24.73	40.94
C.Bingias	ReachM1	815.8853	Tr=200 anni	28.40	174.78	175.53	177.80	0.098920	6.68	4.25	13.08	24.50	41.01
C.Bingias	ReachM1	815.8853	Tr=500 anni	31.79	174.78	175.55	178.01	0.103822	6.95	4.57	13.76	24.26	41.09
C.Bingias	ReachM1	772.8216	Tr=50 anni	23.37	171.39	171.71	173.52	0.131490	5.95	3.93	18.04	28.41	46.45
C.Bingias	ReachM1	772.8216	Tr=100 anni	25.87	171.39	171.75	173.35	0.099423	5.60	4.62	18.84	27.76	46.60
C.Bingias	ReachM1	772.8216	Tr=200 anni	28.40	171.39	171.77	173.43	0.095562	5.71	4.97	19.13	27.56	46.68
C.Bingias	ReachM1	772.8216	Tr=500 anni	31.79	171.39	171.79	173.56	0.093613	5.90	5.39	19.46	27.32	46.77
C.Bingias	ReachM1	736.5164	Tr=50 anni	23.37	168.53	169.06	170.38	0.056436	5.10	4.58	14.04	37.05	51.10
C.Bingias	ReachM1	736.5164	Tr=100 anni	25.87	168.53	169.08	170.50	0.061303	5.29	4.89	15.07	36.86	51.93
C.Bingias	ReachM1	736.5164	Tr=200 anni	28.40	168.53	169.10	170.62	0.062443	5.47	5.19	15.47	36.80	52.27
C.Bingias	ReachM1	736.5164	Tr=500 anni	31.79	168.53	169.12	170.76	0.063133	5.67	5.61	15.96	36.75	52.71
C.Bingias	ReachM1	695.0603	Tr=50 anni	23.37	165.16	165.55	167.35	0.095062	5.94	3.93	14.15	44.50	58.65
C.Bingias	ReachM1	695.0603	Tr=100 anni	25.87	165.16	165.57	167.43	0.089087	6.03	4.29	14.37	44.33	58.71
C.Bingias	ReachM1	695.0603	Tr=200 anni	28.40	165.16	165.59	167.54	0.087050	6.18	4.59	14.56	44.19	58.75
C.Bingias	ReachM1	695.0603	Tr=500 anni	31.79	165.16	165.62	167.70	0.085061	6.38	4.98	14.80	44.02	58.81
C.Bingias	ReachM1	659.8436	Tr=50 anni	23.37	162.93	163.76	165.12	0.040744	5.16	4.53	10.60	32.78	43.38
C.Bingias	ReachM1	659.8436	Tr=100 anni	25.87	162.93	163.79	165.23	0.041738	5.31	4.87	11.13	32.44	43.57
C.Bingias	ReachM1	659.8436	Tr=200 anni	28.40	162.93	163.82	165.32	0.042915	5.42	5.24	11.86	32.03	43.89
C.Bingias	ReachM1	659.8436	Tr=500 anni	31.79	162.93	163.86	165.44	0.044331	5.56	5.71	12.74	31.54	44.27
C.Bingias	ReachM1	629.2177	Tr=50 anni	23.37	160.91	161.75	163.62	0.055268	6.06	3.85	8.81	18.35	27.16
C.Bingias	ReachM1	629.2177	Tr=100 anni	25.87	160.91	161.79	163.72	0.054604	6.17	4.20	9.26	18.23	32.50

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
C.Bingias	ReachM1	629.2177	Tr=200 anni	28.40	160.91	161.83	163.73	0.060564	6.11	4.65	11.30	18.09	32.95
C.Bingias	ReachM1	629.2177	Tr=500 anni	31.79	160.91	161.87	163.78	0.065202	6.11	5.20	13.38	17.95	33.40
C.Bingias	ReachM1	587.6845	Tr=50 anni	23.37	157.96	158.44	160.76	0.085271	6.74	3.46	9.41	12.19	21.60
C.Bingias	ReachM1	587.6845	Tr=100 anni	25.87	157.96	158.47	160.91	0.082661	6.92	3.74	9.51	12.15	21.67
C.Bingias	ReachM1	587.6845	Tr=200 anni	28.40	157.96	158.51	160.92	0.073086	6.88	4.13	9.66	12.10	21.76
C.Bingias	ReachM1	587.6845	Tr=500 anni	31.79	157.96	158.56	161.00	0.065929	6.92	4.59	9.83	12.04	21.88
C.Bingias	ReachM1	558.7549	Tr=50 anni	23.37	156.07	156.92	158.61	0.054969	5.77	4.05	9.97	28.79	38.76
C.Bingias	ReachM1	558.7549	Tr=100 anni	25.87	156.07	156.95	158.75	0.056891	5.96	4.34	10.46	28.65	39.11
C.Bingias	ReachM1	558.7549	Tr=200 anni	28.40	156.07	156.98	158.88	0.058407	6.12	4.64	10.95	28.51	39.46
C.Bingias	ReachM1	558.7549	Tr=500 anni	31.79	156.07	157.01	159.06	0.060466	6.34	5.02	11.53	28.34	39.88
C.Bingias	ReachM1	517.3696	Tr=50 anni	23.37	153.09	153.81	155.96	0.073334	6.49	3.60	9.20	29.29	38.49
C.Bingias	ReachM1	517.3696	Tr=100 anni	25.87	153.09	153.84	156.09	0.071071	6.64	3.90	9.39	29.15	38.54
C.Bingias	ReachM1	517.3696	Tr=200 anni	28.40	153.09	153.87	156.22	0.069216	6.78	4.19	9.58	29.00	38.58
C.Bingias	ReachM1	517.3696	Tr=500 anni	31.79	153.09	153.91	156.38	0.067128	6.96	4.57	9.81	28.82	38.63
C.Bingias	ReachM1	468.1526	Tr=50 anni	23.37	149.41	150.13	152.62	0.061750	6.98	3.35	6.65	50.59	57.24
C.Bingias	ReachM1	468.1526	Tr=100 anni	25.87	149.41	150.17	152.80	0.061330	7.19	3.60	6.80	50.53	57.33
C.Bingias	ReachM1	468.1526	Tr=200 anni	28.40	149.41	150.21	152.98	0.060864	7.38	3.85	6.94	50.48	57.42
C.Bingias	ReachM1	468.1526	Tr=500 anni	31.79	149.41	150.25	153.20	0.060222	7.61	4.18	7.12	50.41	57.52
C.Bingias	ReachM1	435.7891	Tr=50 anni	23.37	148.01	148.62	150.32	0.065882	5.78	4.04	11.48	33.13	44.62
C.Bingias	ReachM1	435.7891	Tr=100 anni	25.87	148.01	148.64	150.49	0.067418	6.03	4.29	11.67	33.03	44.71
C.Bingias	ReachM1	435.7891	Tr=200 anni	28.40	148.01	148.66	150.65	0.068971	6.26	4.54	11.85	32.94	44.79
C.Bingias	ReachM1	435.7891	Tr=500 anni	31.79	148.01	148.68	150.87	0.070699	6.54	4.86	12.08	32.82	44.90
C.Bingias	ReachM1	411.5446	Tr=50 anni	23.37	146.27	146.97	148.85	0.054386	6.08	3.84	8.65	35.97	44.62
C.Bingias	ReachM1	411.5446	Tr=100 anni	25.87	146.27	147.00	148.98	0.056587	6.23	4.15	9.29	35.93	45.21
C.Bingias	ReachM1	411.5446	Tr=200 anni	28.40	146.27	147.04	149.11	0.058594	6.38	4.45	9.87	35.89	45.75
C.Bingias	ReachM1	411.5446	Tr=500 anni	31.79	146.27	147.07	149.28	0.061093	6.58	4.83	10.56	35.84	46.39
C.Bingias	ReachM1	376.0765	Tr=50 anni	23.37	144.45	145.03	146.70	0.063734	5.72	4.08	11.46	28.69	40.15
C.Bingias	ReachM1	376.0765	Tr=100 anni	25.87	144.45	145.06	146.82	0.061875	5.87	4.41	11.67	28.58	40.25
C.Bingias	ReachM1	376.0765	Tr=200 anni	28.40	144.45	145.09	146.93	0.060389	6.01	4.73	11.85	28.48	40.33
C.Bingias	ReachM1	376.0765	Tr=500 anni	31.79	144.45	145.12	147.07	0.058855	6.18	5.14	12.09	28.35	40.44
C.Bingias	ReachM1	352.4761	Tr=50 anni	23.37	143.41	144.23	145.37	0.040055	4.74	4.93	12.91	33.71	46.61
C.Bingias	ReachM1	352.4761	Tr=100 anni	25.87	143.41	144.25	145.49	0.040653	4.94	5.24	13.02	33.67	46.69
C.Bingias	ReachM1	352.4761	Tr=200 anni	28.40	143.41	144.27	145.61	0.041173	5.13	5.54	13.13	33.64	46.77
C.Bingias	ReachM1	352.4761	Tr=500 anni	31.79	143.41	144.30	145.77	0.041728	5.36	5.93	13.27	33.60	46.88
C.Bingias	ReachM1	331.1321	Tr=50 anni	23.37	142.60	143.11	144.40	0.050261	5.03	4.64	13.27	39.51	52.78
C.Bingias	ReachM1	331.1321	Tr=100 anni	25.87	142.60	143.14	144.52	0.050119	5.21	4.97	13.43	39.42	52.85
C.Bingias	ReachM1	331.1321	Tr=200 anni	28.40	142.60	143.16	144.63	0.050062	5.38	5.28	13.59	39.33	52.92
C.Bingias	ReachM1	331.1321	Tr=500 anni	31.79	142.60	143.19	144.78	0.050023	5.59	5.68	13.79	39.21	53.00
C.Bingias	ReachM1	304.0225	Tr=50 anni	23.37	141.37	141.87	142.90	0.055090	4.50	5.20	18.90	23.91	45.33
C.Bingias	ReachM1	304.0225	Tr=100 anni	25.87	141.37	141.89	142.96	0.058369	4.58	5.64	20.83	23.75	45.37
C.Bingias	ReachM1	304.0225	Tr=200 anni	28.40	141.37	141.91	143.04	0.060536	4.73	6.01	21.78	23.63	45.40
C.Bingias	ReachM1	304.0225	Tr=500 anni	31.79	141.37	141.93	143.18	0.061716	4.96	6.41	21.95	23.49	45.44
C.Bingias	ReachM1	278.8247	Tr=50 anni	23.37	140.11	140.70	141.83	0.033206	4.70	4.97	11.48	29.50	40.99
C.Bingias	ReachM1	278.8247	Tr=100 anni	25.87	140.11	140.74	141.90	0.031383	4.77	5.42	11.75	29.33	41.08
C.Bingias	ReachM1	278.8247	Tr=200 anni	28.40	140.11	140.77	141.99	0.030620	4.88	5.82	11.98	29.18	41.16
C.Bingias	ReachM1	278.8247	Tr=500 anni	31.79	140.11	140.81	142.11	0.030495	5.05	6.29	12.24	29.01	41.25
C.Bingias	ReachM1	235.4175	Tr=50 anni	23.37	137.15	137.87	139.77	0.066618	6.11	3.82	10.03	19.80	29.83
C.Bingias	ReachM1	235.4175	Tr=100 anni	25.87	137.15	137.89	139.90	0.066339	6.28	4.12	10.35	19.61	29.96
C.Bingias	ReachM1	235.4175	Tr=200 anni	28.40	137.15	137.92	140.02	0.065653	6.42	4.43	10.68	19.42	30.09
C.Bingias	ReachM1	235.4175	Tr=500 anni	31.79	137.15	137.96	140.16	0.064592	6.57	4.84	11.12	19.18	30.30
C.Bingias	ReachM1	204.4302	Tr=50 anni	23.37	134.89	135.84	138.02	0.047135	6.54	3.57	6.30	23.70	30.00
C.Bingias	ReachM1	204.4302	Tr=100 anni	25.87	134.89	135.89	138.17	0.046508	6.69	3.87	6.51	23.61	30.12
C.Bingias	ReachM1	204.4302	Tr=200 anni	28.40	134.89	135.93	138.31	0.045900	6.83	4.16	6.72	23.52	30.24
C.Bingias	ReachM1	204.4302	Tr=500 anni	31.79	134.89	135.99	138.48	0.045004	6.99	4.55	6.98	23.41	30.39
C.Bingias	ReachM1	178.8246	Tr=50 anni	23.37	134.06	134.50	136.29	0.087777	5.93	3.94	13.43	13.47	26.90
C.Bingias	ReachM1	178.8246	Tr=100 anni	25.87	134.06	134.52	136.45	0.089809	6.15	4.21	13.80	13.34	27.14
C.Bingias	ReachM1	178.8246	Tr=200 anni	28.40	134.06	134.54	136.60	0.091603	6.36	4.47	14.16	13.22	27.38
C.Bingias	ReachM1	178.8246	Tr=500 anni	31.79	134.06	134.57	136.79	0.093516	6.61	4.81	14.59	13.06	27.65
C.Bingias	ReachM1	157.9447	Tr=50 anni	23.37	132.31	133.08	134.51	0.073513	5.30	4.41	15.49	18.77	34.25
C.Bingias	ReachM1	157.9447	Tr=100 anni	25.87	132.31	133.10	134.64	0.073757	5.50	4.71	15.68	18.67	34.35
C.Bingias	ReachM1	157.9447	Tr=200 anni	28.40	132.31	133.12	134.76	0.073835	5.68	5.00	15.86	18.58	34.44
C.Bingias	ReachM1	157.9447	Tr=500 anni	31.79	132.31	133.14	134.93	0.074211	5.92	5.37	16.10	18.46	34.56
C.Bingias	ReachM1	130.6756	Tr=50 anni	23.37	131.22	131.73	132.74	0.050212	4.45	5.25	18.08	22.47	40.56
C.Bingias	ReachM1	130.6756	Tr=100 anni	25.87	131.22	131.75	132.84	0.051457	4.61	5.61	18.70	22.29	40.98
C.Bingias	ReachM1	130.6756	Tr=200 anni	28.40	131.22	131.77	132.93	0.052669	4.77	5.96	19.24	22.11	41.35
C.Bingias	ReachM1	130.6756	Tr=500 anni	31.79	131.22	131.79	133.05	0.054146	4.96	6.40	19.86	21.90	41.76
C.Bingias	ReachM1	100.6546	Tr=50 anni	23.37	129.84	130.33	131.30	0.045460	4.37	5.35	17.64	17.58	35.22
C.Bingias	ReachM1	100.6546	Tr=100 anni	25.87	129.84	130.35	131.38	0.044788	4.49	5.76	17.94	17.39	35.33
C.Bingias	ReachM1	100.6546	Tr=200 anni	28.40	129.84	130.37	131.46	0.044214	4.62	6.15	18.21	17.21	35.42
C.Bingias	ReachM1	100.6546	Tr=500 anni	31.79	129.84	130.40	131.57	0.043771	4.79	6.64	18.51	16.99	35.50
C.Bingias	ReachM1	72.90062	Tr=50 anni	23.37	128.09	129.20	130.03	0.042804	4.04	5.79	20.25	20.80	44.08
C.Bingias	ReachM1	72.90062	Tr=100 anni	25.87	128.09	129.22	130.11	0.043651	4.17	6.20	20.96	20.67	44.12
C.Bingias	ReachM1	72.90062	Tr=200 anni	28.40	128.09	129.24	130.18	0.044658	4.30	6.60	21.72	20.55	44.16

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
C.Bingias	ReachM1	72.90062	Tr=500 anni	31.79	128.09	129.26	130.28	0.045776	4.46	7.13	22.68	20.40	44.20
C.Bingias	ReachM1	46.59495	Tr=50 anni	23.37	125.62	127.01	128.75	0.047960	5.84	4.00	8.22	27.37	35.59
C.Bingias	ReachM1	46.59495	Tr=100 anni	25.87	125.62	127.06	128.81	0.048604	5.86	4.41	9.17	26.53	35.70
C.Bingias	ReachM1	46.59495	Tr=200 anni	28.40	125.62	127.10	128.88	0.047813	5.91	4.80	9.77	26.03	35.80
C.Bingias	ReachM1	46.59495	Tr=500 anni	31.79	125.62	127.15	129.00	0.045148	6.02	5.28	10.01	25.90	35.91
C.Bingias	ReachM1	25.36927	Tr=50 anni	23.37	123.59	123.99	126.85	0.185415	7.49	3.12	13.07	18.36	31.43
C.Bingias	ReachM1	25.36927	Tr=100 anni	25.87	123.59	124.01	126.94	0.170880	7.58	3.41	13.23	18.26	31.49
C.Bingias	ReachM1	25.36927	Tr=200 anni	28.40	123.59	124.03	127.06	0.161549	7.70	3.69	13.37	18.17	31.54
C.Bingias	ReachM1	25.36927	Tr=500 anni	31.79	123.59	124.06	127.25	0.154359	7.91	4.02	13.51	18.06	31.57
2-SN2	ReachM1	1139.263	Tr=50 anni	0.88	93.66	93.82	93.87	0.010011	1.02	0.86	8.16	30.01	38.18
2-SN2	ReachM1	1139.263	Tr=100 anni	0.97	93.66	93.83	93.88	0.010082	1.05	0.92	8.29	29.93	38.22
2-SN2	ReachM1	1139.263	Tr=200 anni	1.06	93.66	93.84	93.89	0.009931	1.08	0.98	8.42	29.85	38.27
2-SN2	ReachM1	1139.263	Tr=500 anni	1.18	93.66	93.84	93.91	0.009680	1.11	1.06	8.58	29.75	38.33
2-SN2	ReachM1	1088.427	Tr=50 anni	0.88	90.26	90.31	91.97	1.520934	5.71	0.15	4.73	65.62	70.35
2-SN2	ReachM1	1088.427	Tr=100 anni	0.97	90.26	90.31	91.98	1.401193	5.72	0.17	4.88	65.50	70.38
2-SN2	ReachM1	1088.427	Tr=200 anni	1.06	90.26	90.31	92.02	1.334758	5.78	0.18	5.01	65.41	70.42
2-SN2	ReachM1	1088.427	Tr=500 anni	1.18	90.26	90.32	92.07	1.267900	5.87	0.20	5.17	65.28	70.45
2-SN2	ReachM1	1033.369	Tr=50 anni	0.88	85.95	86.06	86.17	0.031710	1.47	0.60	7.72	59.98	67.70
2-SN2	ReachM1	1033.369	Tr=100 anni	0.97	85.95	86.07	86.19	0.032074	1.53	0.64	7.83	59.91	67.75
2-SN2	ReachM1	1033.369	Tr=200 anni	1.06	85.95	86.07	86.20	0.032425	1.58	0.67	7.95	59.85	67.79
2-SN2	ReachM1	1033.369	Tr=500 anni	1.18	85.95	86.08	86.22	0.032882	1.64	0.72	8.09	59.76	67.85
2-SN2	ReachM1	980.1502	Tr=50 anni	0.88	82.66	82.80	83.20	0.120478	2.78	0.32	4.26	85.16	89.43
2-SN2	ReachM1	980.1502	Tr=100 anni	0.97	82.66	82.81	83.22	0.116581	2.84	0.34	4.34	85.12	89.46
2-SN2	ReachM1	980.1502	Tr=200 anni	1.06	82.66	82.81	83.24	0.113095	2.90	0.37	4.42	85.08	89.50
2-SN2	ReachM1	980.1502	Tr=500 anni	1.18	82.66	82.82	83.27	0.108980	2.96	0.40	4.52	85.03	89.55
2-SN2	ReachM1	940.808	Tr=50 anni	0.88	79.86	80.04	80.23	0.049995	1.91	0.46	5.63	58.84	64.47
2-SN2	ReachM1	940.808	Tr=100 anni	0.97	79.86	80.04	80.24	0.051195	1.98	0.49	5.81	58.80	64.60
2-SN2	ReachM1	940.808	Tr=200 anni	1.06	79.86	80.05	80.26	0.052346	2.04	0.52	5.97	58.76	64.73
2-SN2	ReachM1	940.808	Tr=500 anni	1.18	79.86	80.06	80.28	0.053817	2.12	0.56	6.18	58.71	64.88
2-SN2	ReachM1	902.9291	Tr=50 anni	0.88	76.93	77.07	77.40	0.121269	2.54	0.35	5.40	67.88	73.28
2-SN2	ReachM1	902.9291	Tr=100 anni	0.97	76.93	77.08	77.42	0.117075	2.58	0.38	5.54	67.82	73.37
2-SN2	ReachM1	902.9291	Tr=200 anni	1.06	76.93	77.08	77.44	0.113425	2.62	0.40	5.68	67.77	73.45
2-SN2	ReachM1	902.9291	Tr=500 anni	1.18	76.93	77.09	77.46	0.109154	2.68	0.44	5.85	67.71	73.56
2-SN2	ReachM1	867.8818	Tr=50 anni	0.88	74.67	74.83	74.98	0.043062	1.72	0.51	6.56	74.76	84.45
2-SN2	ReachM1	867.8818	Tr=100 anni	0.97	74.67	74.83	74.99	0.044021	1.78	0.54	6.72	74.72	84.51
2-SN2	ReachM1	867.8818	Tr=200 anni	1.06	74.67	74.84	75.01	0.044916	1.84	0.58	6.87	74.68	84.56
2-SN2	ReachM1	867.8818	Tr=500 anni	1.18	74.67	74.84	75.03	0.046046	1.91	0.62	7.06	74.63	84.63
2-SN2	ReachM1	828.2476	Tr=50 anni	0.88	71.09	71.23	71.99	0.154579	3.86	0.23	2.24	74.33	76.57
2-SN2	ReachM1	828.2476	Tr=100 anni	0.97	71.09	71.24	72.02	0.146577	3.90	0.25	2.30	74.29	76.59
2-SN2	ReachM1	828.2476	Tr=200 anni	1.06	71.09	71.25	72.05	0.140019	3.95	0.27	2.36	74.26	76.62
2-SN2	ReachM1	828.2476	Tr=500 anni	1.18	71.09	71.26	72.08	0.132459	4.00	0.29	2.43	74.22	76.65
2-SN2	ReachM1	790.1488	Tr=50 anni	0.88	67.00	67.21	67.68	0.083460	3.03	0.29	2.57	62.19	64.76
2-SN2	ReachM1	790.1488	Tr=100 anni	0.97	67.00	67.22	67.72	0.086459	3.15	0.31	2.63	62.15	64.78
2-SN2	ReachM1	790.1488	Tr=200 anni	1.06	67.00	67.22	67.77	0.089185	3.27	0.32	2.69	62.10	64.80
2-SN2	ReachM1	790.1488	Tr=500 anni	1.18	67.00	67.23	67.82	0.092684	3.41	0.35	2.77	62.05	64.82
2-SN2	ReachM1	730.1346	Tr=50 anni	0.88	65.32	65.47	65.54	0.018058	1.18	0.74	8.75	74.20	82.94
2-SN2	ReachM1	730.1346	Tr=100 anni	0.97	65.32	65.47	65.55	0.018109	1.22	0.80	8.93	74.06	82.99
2-SN2	ReachM1	730.1346	Tr=200 anni	1.06	65.32	65.48	65.56	0.018156	1.25	0.84	9.10	73.93	83.03
2-SN2	ReachM1	730.1346	Tr=500 anni	1.18	65.32	65.49	65.57	0.018223	1.30	0.91	9.32	73.77	83.09
2-SN2	ReachM1	706.8395	Tr=50 anni	0.88	64.47	64.57	64.74	0.083846	1.85	0.48	9.01	70.87	95.88
2-SN2	ReachM1	706.8395	Tr=100 anni	0.97	64.47	64.57	64.76	0.082511	1.89	0.51	9.27	70.82	95.97
2-SN2	ReachM1	706.8395	Tr=200 anni	1.06	64.47	64.58	64.77	0.081415	1.93	0.55	9.51	70.77	96.06
2-SN2	ReachM1	706.8395	Tr=500 anni	1.18	64.47	64.58	64.78	0.080021	1.98	0.59	9.81	70.72	96.18
2-SN2	ReachM1	671.6095	Tr=50 anni	4.11	62.53	62.77	63.03	0.043884	2.25	1.83	15.87	80.54	96.41
2-SN2	ReachM1	671.6095	Tr=100 anni	4.54	62.53	62.78	63.05	0.043584	2.32	1.95	16.08	80.40	96.48
2-SN2	ReachM1	671.6095	Tr=200 anni	4.98	62.53	62.78	63.08	0.043197	2.40	2.08	16.25	80.31	96.55
2-SN2	ReachM1	671.6095	Tr=500 anni	5.56	62.53	62.80	63.11	0.042955	2.47	2.25	16.69	72.39	96.64
2-SN2	ReachM1	628.5106	Tr=50 anni	4.11	60.99	61.27	61.54	0.027739	2.31	1.78	10.50	62.14	72.64
2-SN2	ReachM1	628.5106	Tr=100 anni	4.54	60.99	61.28	61.57	0.027830	2.38	1.91	10.85	62.04	80.09
2-SN2	ReachM1	628.5106	Tr=200 anni	4.98	60.99	61.29	61.59	0.028037	2.43	2.05	11.38	61.94	80.28
2-SN2	ReachM1	628.5106	Tr=500 anni	5.56	60.99	61.31	61.62	0.028163	2.48	2.24	12.04	61.81	80.50
2-SN2	ReachM1	565.4084	Tr=50 anni	4.11	58.37	58.68	59.28	0.046791	3.43	1.20	5.78	44.96	50.75
2-SN2	ReachM1	565.4084	Tr=100 anni	4.54	58.37	58.69	59.32	0.045756	3.51	1.29	5.93	44.88	50.80
2-SN2	ReachM1	565.4084	Tr=200 anni	4.98	58.37	58.71	59.36	0.044532	3.57	1.39	6.07	44.79	50.86
2-SN2	ReachM1	565.4084	Tr=500 anni	5.56	58.37	58.73	59.41	0.043178	3.66	1.52	6.25	44.68	50.93
2-SN2	ReachM1	525.1531	Tr=50 anni	4.11	56.96	57.30	57.68	0.031451	2.73	1.51	7.60	57.80	65.39
2-SN2	ReachM1	525.1531	Tr=100 anni	4.54	56.96	57.31	57.72	0.032263	2.83	1.60	7.79	57.73	65.52
2-SN2	ReachM1	525.1531	Tr=200 anni	4.98	56.96	57.33	57.76	0.032945	2.93	1.70	7.98	57.67	65.65
2-SN2	ReachM1	525.1531	Tr=500 anni	5.56	56.96	57.34	57.82	0.033895	3.05	1.82	8.21	57.59	65.80
2-SN2	ReachM1	496.9458	Tr=50 anni	4.11	56.64	57.20	57.31	0.008382	1.44	2.85	13.93	49.98	64.55
2-SN2	ReachM1	496.9458	Tr=100 anni	4.54	56.64	57.23	57.33	0.008149	1.43	3.18	15.38	49.24	64.72
2-SN2	ReachM1	496.9458	Tr=200 anni	4.98	56.64	57.24	57.35	0.008378	1.44	3.46	16.88	48.00	64.88
2-SN2	ReachM1	496.9458	Tr=500 anni	5.56	56.64	57.26	57.37	0.008151	1.46	3.80	17.71	47.35	65.06

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
2-SN2	ReachM1	466.3923	Tr=50 anni	4.11	56.24	56.41	56.73	0.068083	2.50	1.64	16.95	59.14	76.09
2-SN2	ReachM1	466.3923	Tr=100 anni	4.54	56.24	56.41	56.75	0.067847	2.59	1.75	17.15	59.01	76.16
2-SN2	ReachM1	466.3923	Tr=200 anni	4.98	56.24	56.42	56.77	0.063595	2.62	1.90	17.40	58.84	76.24
2-SN2	ReachM1	466.3923	Tr=500 anni	5.56	56.24	56.43	56.80	0.062815	2.71	2.05	17.66	58.67	76.33
2-SN2	ReachM1	430.9998	Tr=50 anni	4.11	55.94	56.15	56.21	0.009872	1.05	3.92	35.04	56.19	95.41
2-SN2	ReachM1	430.9998	Tr=100 anni	4.54	55.94	56.16	56.22	0.010059	1.09	4.16	35.41	56.11	95.52
2-SN2	ReachM1	430.9998	Tr=200 anni	4.98	55.94	56.17	56.23	0.009733	1.12	4.46	35.88	56.00	95.65
2-SN2	ReachM1	430.9998	Tr=500 anni	5.56	55.94	56.18	56.24	0.009315	1.14	4.87	36.61	55.86	95.94
2-SN2	ReachM1	400.4489	Tr=50 anni	4.11	55.01	55.44	55.70	0.029461	2.26	1.81	11.51	61.76	85.76
2-SN2	ReachM1	400.4489	Tr=100 anni	4.54	55.01	55.47	55.68	0.035519	2.04	2.23	19.16	54.91	86.01
2-SN2	ReachM1	400.4489	Tr=200 anni	4.98	55.01	55.48	55.69	0.036933	2.06	2.42	21.10	53.49	86.08
2-SN2	ReachM1	400.4489	Tr=500 anni	5.56	55.01	55.49	55.72	0.037326	2.13	2.61	21.70	53.19	86.16
2-SN2	ReachM1	339.6752	Tr=50 anni	4.11	53.37	53.70	53.99	0.026800	2.39	1.72	9.31	49.84	63.20
2-SN2	ReachM1	339.6752	Tr=100 anni	4.54	53.37	53.74	53.97	0.022874	2.12	2.14	12.32	49.73	65.77
2-SN2	ReachM1	339.6752	Tr=200 anni	4.98	53.37	53.75	53.98	0.022118	2.12	2.35	13.25	49.68	66.51
2-SN2	ReachM1	339.6752	Tr=500 anni	5.56	53.37	53.77	54.01	0.022033	2.15	2.59	14.31	49.63	67.37
2-SN2	ReachM1	289.519	Tr=50 anni	4.11	51.36	51.63	52.13	0.052920	3.14	1.31	7.69	127.41	135.10
2-SN2	ReachM1	289.519	Tr=100 anni	4.54	51.36	51.64	52.20	0.057887	3.33	1.36	7.82	127.28	135.10
2-SN2	ReachM1	289.519	Tr=200 anni	4.98	51.36	51.65	52.23	0.059665	3.37	1.48	8.52	126.58	135.10
2-SN2	ReachM1	289.519	Tr=500 anni	5.56	51.36	51.67	52.27	0.058503	3.44	1.62	8.94	126.16	135.10
2-SN2	ReachM1	248.4349	Tr=50 anni	4.11	50.44	50.72	50.86	0.017618	1.69	2.43	16.10	65.97	115.00
2-SN2	ReachM1	248.4349	Tr=100 anni	4.54	50.44	50.73	50.88	0.017559	1.70	2.66	17.37	65.85	115.00
2-SN2	ReachM1	248.4349	Tr=200 anni	4.98	50.44	50.74	50.90	0.017475	1.72	2.89	18.55	65.74	115.00
2-SN2	ReachM1	248.4349	Tr=500 anni	5.56	50.44	50.76	50.92	0.017944	1.78	3.13	19.52	65.63	115.00
2-SN2	ReachM1	205.2473	Tr=50 anni	4.11	50.02	50.30	50.41	0.008270	1.47	2.81	13.06	68.84	81.90
2-SN2	ReachM1	205.2473	Tr=100 anni	4.54	50.02	50.32	50.44	0.008114	1.51	3.01	13.16	68.74	81.90
2-SN2	ReachM1	205.2473	Tr=200 anni	4.98	50.02	50.33	50.46	0.007948	1.55	3.21	13.26	68.64	81.90
2-SN2	ReachM1	205.2473	Tr=500 anni	5.56	50.02	50.35	50.49	0.007806	1.61	3.46	13.39	68.51	81.90
2-SN2	ReachM1	174.7984	Tr=50 anni	4.11	47.58	47.85	49.55	0.232688	5.77	0.71	5.25	60.00	65.25
2-SN2	ReachM1	174.7984	Tr=100 anni	4.54	47.58	47.87	49.58	0.222325	5.80	0.78	5.52	59.85	65.38
2-SN2	ReachM1	174.7984	Tr=200 anni	4.98	47.58	47.88	49.62	0.213447	5.84	0.85	5.79	59.72	65.50
2-SN2	ReachM1	174.7984	Tr=500 anni	5.56	47.58	47.89	49.66	0.203806	5.88	0.95	6.12	59.54	65.67
2-SN2	ReachM1	150.0002	Tr=50 anni	4.11	47.32	47.59	47.85	0.021842	2.28	1.80	9.05	62.43	71.48
2-SN2	ReachM1	150.0002	Tr=100 anni	4.54	47.32	47.60	47.88	0.022143	2.37	1.91	9.18	62.38	71.57
2-SN2	ReachM1	150.0002	Tr=200 anni	4.98	47.32	47.61	47.92	0.022438	2.46	2.03	9.31	62.34	71.65
2-SN2	ReachM1	150.0002	Tr=500 anni	5.56	47.32	47.63	47.96	0.022777	2.56	2.17	9.47	62.29	71.76
2-SN2	ReachM1	126.7415	Tr=50 anni	4.11	46.59	47.25	47.26	0.000459	0.55	7.46	16.71	67.45	133.73
2-SN2	ReachM1	126.7415	Tr=100 anni	4.54	46.59	47.27	47.29	0.000469	0.57	7.93	16.98	67.33	133.73
2-SN2	ReachM1	126.7415	Tr=200 anni	4.98	46.59	47.30	47.32	0.000479	0.59	8.38	17.25	67.21	133.73
2-SN2	ReachM1	126.7415	Tr=500 anni	5.56	46.59	47.33	47.35	0.000491	0.62	8.96	17.57	67.07	133.73
2-SN2	ReachM1	101.3917	Tr=50 anni	4.11	46.51	47.08	47.22	0.007669	1.66	2.48	9.12	59.58	68.69
2-SN2	ReachM1	101.3917	Tr=100 anni	4.54	46.51	47.10	47.25	0.007574	1.70	2.67	9.42	59.43	68.85
2-SN2	ReachM1	101.3917	Tr=200 anni	4.98	46.51	47.12	47.27	0.007429	1.73	2.88	9.73	59.27	69.00
2-SN2	ReachM1	101.3917	Tr=500 anni	5.56	46.51	47.15	47.31	0.007319	1.77	3.14	10.10	59.09	69.19
2-SN2	ReachM1	74.80779	Tr=50 anni	4.11	45.56	45.74	46.55	0.355723	3.98	1.03	18.13	116.00	136.78
2-SN2	ReachM1	74.80779	Tr=100 anni	4.54	45.56	45.74	46.58	0.339990	4.05	1.12	18.61	115.98	136.78
2-SN2	ReachM1	74.80779	Tr=200 anni	4.98	45.56	45.75	46.61	0.325504	4.12	1.21	18.92	115.95	136.78
2-SN2	ReachM1	74.80779	Tr=500 anni	5.56	45.56	45.75	46.65	0.309497	4.20	1.32	19.32	115.92	136.78
2-SN2	ReachM1	49.16774	Tr=50 anni	4.11	45.37	45.72	45.87	0.007635	1.71	2.40	8.09	93.97	102.06
2-SN2	ReachM1	49.16774	Tr=100 anni	4.54	45.37	45.74	45.90	0.007546	1.77	2.57	8.14	93.92	102.06
2-SN2	ReachM1	49.16774	Tr=200 anni	4.98	45.37	45.76	45.93	0.007147	1.80	2.77	8.21	93.85	102.06
2-SN2	ReachM1	49.16774	Tr=500 anni	5.56	45.37	45.79	45.97	0.007304	1.88	2.95	8.27	93.79	102.06
2-SN2	ReachM1	25.77195	Tr=50 anni	4.11	44.58	45.07	45.54	0.025454	3.02	1.36	4.94	36.48	41.41
2-SN2	ReachM1	25.77195	Tr=100 anni	4.54	44.58	45.10	45.58	0.024113	3.07	1.48	5.04	36.42	41.46
2-SN2	ReachM1	25.77195	Tr=200 anni	4.98	44.58	45.12	45.61	0.022900	3.11	1.60	5.14	36.37	41.50
2-SN2	ReachM1	25.77195	Tr=500 anni	5.56	44.58	45.15	45.66	0.021706	3.16	1.76	5.26	36.30	41.56
16-SN	ReachM1	1012.031	Tr=50 anni	0.99	181.66	181.92	181.99	0.009893	1.15	0.86	6.60	41.80	48.39
16-SN	ReachM1	1012.031	Tr=100 anni	1.10	181.66	181.93	182.00	0.009611	1.19	0.93	6.70	41.73	48.43
16-SN	ReachM1	1012.031	Tr=200 anni	1.20	181.66	181.94	182.01	0.009441	1.21	0.99	6.80	41.67	48.47
16-SN	ReachM1	1012.031	Tr=500 anni	1.35	181.66	181.95	182.03	0.009242	1.25	1.08	6.94	41.58	48.51
16-SN	ReachM1	974.5868	Tr=50 anni	0.99	173.80	173.84	179.99	8.579703	10.99	0.09	3.80	65.28	69.08
16-SN	ReachM1	974.5868	Tr=100 anni	1.10	173.80	173.84	182.62	13.185680	13.13	0.08	3.74	65.34	69.07
16-SN	ReachM1	974.5868	Tr=200 anni	1.20	173.80	173.85	180.08	7.226960	11.06	0.11	3.98	65.12	69.10
16-SN	ReachM1	974.5868	Tr=500 anni	1.35	173.80	173.85	180.13	6.508036	11.10	0.12	4.11	65.01	69.11
16-SN	ReachM1	925.2031	Tr=50 anni	0.99	165.14	165.28	165.57	0.076820	2.38	0.42	5.05	71.56	76.61
16-SN	ReachM1	925.2031	Tr=100 anni	1.10	165.14	165.28	165.65	0.099851	2.69	0.41	5.02	71.58	76.60
16-SN	ReachM1	925.2031	Tr=200 anni	1.20	165.14	165.29	165.62	0.078325	2.55	0.47	5.22	71.44	76.65
16-SN	ReachM1	925.2031	Tr=500 anni	1.35	165.14	165.30	165.66	0.079217	2.66	0.51	5.33	71.36	76.69
16-SN	ReachM1	887.8864	Tr=50 anni	0.99	159.46	159.59	160.28	0.337527	3.66	0.27	5.23	41.34	51.68
16-SN	ReachM1	887.8864	Tr=100 anni	1.10	159.46	159.61	160.14	0.238759	3.22	0.34	6.15	41.23	51.78
16-SN	ReachM1	887.8864	Tr=200 anni	1.20	159.46	159.60	160.31	0.327981	3.73	0.32	5.91	41.26	51.76
16-SN	ReachM1	887.8864	Tr=500 anni	1.35	159.46	159.61	160.34	0.322122	3.78	0.36	6.34	41.21	51.80

HEC-RAS Plan: sine9_1 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
16-SN	ReachM1	848.4315	Tr=50 anni	0.99	153.16	153.34	153.75	0.096044	2.84	0.35	3.84	31.10	34.94
16-SN	ReachM1	848.4315	Tr=100 anni	1.10	153.16	153.34	153.83	0.113964	3.11	0.35	3.87	31.08	34.95
16-SN	ReachM1	848.4315	Tr=200 anni	1.20	153.16	153.35	153.81	0.097058	3.00	0.40	4.10	30.91	35.01
16-SN	ReachM1	848.4315	Tr=500 anni	1.35	153.16	153.36	153.85	0.097785	3.10	0.44	4.27	30.79	35.06
16-SN	ReachM1	825.3681	Tr=50 anni	0.99	149.86	150.03	150.75	0.182342	3.74	0.26	3.11	64.85	67.96
16-SN	ReachM1	825.3681	Tr=100 anni	1.10	149.86	150.05	150.72	0.160368	3.64	0.30	3.36	64.70	68.06
16-SN	ReachM1	825.3681	Tr=200 anni	1.20	149.86	150.05	150.81	0.178994	3.87	0.31	3.41	64.67	68.08
16-SN	ReachM1	825.3681	Tr=500 anni	1.35	149.86	150.06	150.85	0.176856	3.96	0.34	3.60	64.56	68.16
16-SN	ReachM1	799.6336	Tr=50 anni	0.99	146.42	146.57	146.95	0.116139	2.75	0.36	4.79	66.97	71.76
16-SN	ReachM1	799.6336	Tr=100 anni	1.10	146.42	146.57	147.00	0.125906	2.92	0.38	4.88	66.95	71.82
16-SN	ReachM1	799.6336	Tr=200 anni	1.20	146.42	146.58	147.01	0.118090	2.93	0.41	5.04	66.91	71.94
16-SN	ReachM1	799.6336	Tr=500 anni	1.35	146.42	146.58	147.05	0.119333	3.04	0.44	5.20	66.86	72.06
16-SN	ReachM1	774.8843	Tr=50 anni	0.99	142.52	142.68	143.38	0.180228	3.71	0.27	3.14	64.32	67.46
16-SN	ReachM1	774.8843	Tr=100 anni	1.10	142.52	142.69	143.40	0.168056	3.72	0.30	3.29	64.24	67.53
16-SN	ReachM1	774.8843	Tr=200 anni	1.20	142.52	142.69	143.46	0.175062	3.87	0.31	3.36	64.20	67.57
16-SN	ReachM1	774.8843	Tr=500 anni	1.35	142.52	142.70	143.50	0.172125	3.96	0.34	3.51	64.12	67.64
16-SN	ReachM1	750.1285	Tr=50 anni	0.99	137.29	137.43	138.38	0.226158	4.32	0.23	2.53	66.02	68.55
16-SN	ReachM1	750.1285	Tr=100 anni	1.10	137.29	137.43	138.48	0.234806	4.53	0.24	2.56	66.00	68.56
16-SN	ReachM1	750.1285	Tr=200 anni	1.20	137.29	137.44	138.52	0.226046	4.61	0.26	2.61	65.97	68.58
16-SN	ReachM1	750.1285	Tr=500 anni	1.35	137.29	137.45	138.61	0.225291	4.79	0.28	2.66	65.94	68.60
16-SN	ReachM1	725.6537	Tr=50 anni	0.99	130.24	130.40	131.61	0.342687	4.88	0.20	2.57	65.76	68.32
16-SN	ReachM1	725.6537	Tr=100 anni	1.10	130.24	130.41	131.65	0.334464	4.95	0.22	2.70	65.70	68.41
16-SN	ReachM1	725.6537	Tr=200 anni	1.20	130.24	130.41	131.74	0.344954	5.10	0.24	2.79	65.67	68.46
16-SN	ReachM1	725.6537	Tr=500 anni	1.35	130.24	130.42	131.82	0.347370	5.25	0.26	2.94	65.61	68.55
16-SN	ReachM1	699.0499	Tr=50 anni	0.99	124.00	124.14	124.76	0.191758	3.48	0.28	3.87	69.74	73.61
16-SN	ReachM1	699.0499	Tr=100 anni	1.10	124.00	124.15	124.80	0.195460	3.57	0.31	4.09	69.54	73.63
16-SN	ReachM1	699.0499	Tr=200 anni	1.20	124.00	124.15	124.82	0.193231	3.61	0.33	4.31	69.34	73.65
16-SN	ReachM1	699.0499	Tr=500 anni	1.35	124.00	124.16	124.85	0.193808	3.69	0.37	4.59	69.10	73.68
16-SN	ReachM1	675.0113	Tr=50 anni	0.99	119.34	119.51	120.33	0.175451	4.00	0.25	2.53	69.76	72.29
16-SN	ReachM1	675.0113	Tr=100 anni	1.10	119.34	119.52	120.37	0.171776	4.09	0.27	2.62	69.73	72.35
16-SN	ReachM1	675.0113	Tr=200 anni	1.20	119.34	119.53	120.42	0.171372	4.19	0.29	2.69	69.71	72.40
16-SN	ReachM1	675.0113	Tr=500 anni	1.35	119.34	119.54	120.48	0.169066	4.31	0.31	2.80	69.67	72.47
16-SN	ReachM1	649.6404	Tr=50 anni	0.99	115.64	115.81	116.38	0.134354	3.35	0.30	3.26	58.56	61.81
16-SN	ReachM1	649.6404	Tr=100 anni	1.10	115.64	115.81	116.43	0.136613	3.48	0.32	3.33	58.52	61.84
16-SN	ReachM1	649.6404	Tr=200 anni	1.20	115.64	115.82	116.47	0.137178	3.58	0.34	3.39	58.48	61.87
16-SN	ReachM1	649.6404	Tr=500 anni	1.35	115.64	115.83	116.53	0.138834	3.73	0.36	3.48	58.42	61.91
16-SN	ReachM1	625.3387	Tr=50 anni	0.99	114.70	114.98	115.11	0.023589	1.60	0.62	5.60	58.14	71.37
16-SN	ReachM1	625.3387	Tr=100 anni	1.10	114.70	114.99	115.12	0.024131	1.65	0.67	5.88	58.12	71.49
16-SN	ReachM1	625.3387	Tr=200 anni	1.20	114.70	114.99	115.14	0.024640	1.69	0.71	6.10	58.11	71.59
16-SN	ReachM1	625.3387	Tr=500 anni	1.35	114.70	115.00	115.16	0.025431	1.75	0.77	6.44	58.10	71.74
16-SN	ReachM1	599.2541	Tr=50 anni	0.99	110.98	111.09	113.06	1.061786	6.22	0.16	3.28	59.10	62.38
16-SN	ReachM1	599.2541	Tr=100 anni	1.10	110.98	111.09	113.07	0.953004	6.22	0.18	3.35	59.06	62.41
16-SN	ReachM1	599.2541	Tr=200 anni	1.20	110.98	111.10	113.07	0.871878	6.22	0.19	3.42	59.03	62.45
16-SN	ReachM1	599.2541	Tr=500 anni	1.35	110.98	111.10	113.08	0.773971	6.22	0.22	3.52	58.97	62.49
16-SN	ReachM1	575.2356	Tr=50 anni	0.99	109.20	109.38	109.58	0.044527	2.02	0.49	5.06	60.05	65.11
16-SN	ReachM1	575.2356	Tr=100 anni	1.10	109.20	109.38	109.61	0.045336	2.10	0.52	5.20	59.94	65.14
16-SN	ReachM1	575.2356	Tr=200 anni	1.20	109.20	109.39	109.63	0.046076	2.16	0.56	5.31	59.84	65.15
16-SN	ReachM1	575.2356	Tr=500 anni	1.35	109.20	109.40	109.65	0.047033	2.25	0.60	5.48	59.71	65.18
16-SN	ReachM1	550.1679	Tr=50 anni	0.99	107.93	108.06	108.27	0.062902	2.02	0.49	6.60	62.93	69.53
16-SN	ReachM1	550.1679	Tr=100 anni	1.10	107.93	108.07	108.28	0.062653	2.03	0.54	7.14	62.75	69.89
16-SN	ReachM1	550.1679	Tr=200 anni	1.20	107.93	108.07	108.29	0.061855	2.06	0.58	7.48	62.61	70.09
16-SN	ReachM1	550.1679	Tr=500 anni	1.35	107.93	108.08	108.31	0.060833	2.12	0.64	7.73	62.43	70.16
16-SN	ReachM1	526.0981	Tr=50 anni	0.99	106.37	106.49	106.68	0.068997	1.93	0.51	7.90	60.35	68.25
16-SN	ReachM1	526.0981	Tr=100 anni	1.10	106.37	106.49	106.69	0.068820	2.00	0.55	8.00	60.32	68.32
16-SN	ReachM1	526.0981	Tr=200 anni	1.20	106.37	106.49	106.71	0.069418	2.07	0.58	8.09	60.28	68.37
16-SN	ReachM1	526.0981	Tr=500 anni	1.35	106.37	106.50	106.74	0.070226	2.16	0.62	8.21	60.24	68.45
16-SN	ReachM1	499.8745	Tr=50 anni	0.99	104.77	104.94	105.17	0.048471	2.10	0.47	4.88	68.34	73.22
16-SN	ReachM1	499.8745	Tr=100 anni	1.10	104.77	104.95	105.19	0.048433	2.17	0.51	5.02	68.31	73.34
16-SN	ReachM1	499.8745	Tr=200 anni	1.20	104.77	104.96	105.21	0.048104	2.22	0.54	5.15	68.29	73.44
16-SN	ReachM1	499.8745	Tr=500 anni	1.35	104.77	104.97	105.23	0.047706	2.28	0.59	5.33	68.25	73.59
16-SN	ReachM1	475.0357	Tr=50 anni	0.99	102.74	102.83	103.10	0.172227	2.33	0.42	9.75	66.33	78.36
16-SN	ReachM1	475.0357	Tr=100 anni	1.10	102.74	102.83	103.13	0.172539	2.41	0.46	9.95	66.30	78.44
16-SN	ReachM1	475.0357	Tr=200 anni	1.20	102.74	102.83	103.15	0.173791	2.49	0.48	10.11	66.28	78.50
16-SN	ReachM1	475.0357	Tr=500 anni	1.35	102.74	102.84	103.18	0.175104	2.59	0.52	10.35	66.25	78.59
16-SN	ReachM1	450.8259	Tr=50 anni	0.99	101.37	101.50	101.61	0.029921	1.46	0.68	8.43	63.28	71.71
16-SN	ReachM1	450.8259	Tr=100 anni	1.10	101.37	101.51	101.63	0.030076	1.52	0.72	8.54	63.26	71.80
16-SN	ReachM1	450.8259	Tr=200 anni	1.20	101.37	101.51	101.64	0.030152	1.57	0.77	8.64	63.25	71.89
16-SN	ReachM1	450.8259	Tr=500 anni	1.35	101.37	101.52	101.66	0.030216	1.63	0.83	8.78	63.23	72.01
16-SN	ReachM1	397.6606	Tr=50 anni	1.95	98.12	98.26	98.56	0.087526	2.45	0.80	10.22	21.71	33.97
16-SN	ReachM1	397.6606	Tr=100 anni	2.16	98.12	98.26	98.58	0.086894	2.51	0.86	10.63	21.62	34.01
16-SN	ReachM1	397.6606	Tr=200 anni	2.37	98.12	98.27	98.60	0.085977	2.56	0.93	11.01	21.54	34.05
16-SN	ReachM1	397.6606	Tr=500 anni	2.65	98.12	98.28	98.63	0.085403	2.64	1.00	11.24	21.45	34.10
16-SN	ReachM1	377.7242	Tr=50 anni	1.95	95.43	95.61	96.23	0.158813	3.48	0.56	6.62	28.60	35.22

HEC-RAS Plan: sine9_1 (Continued)

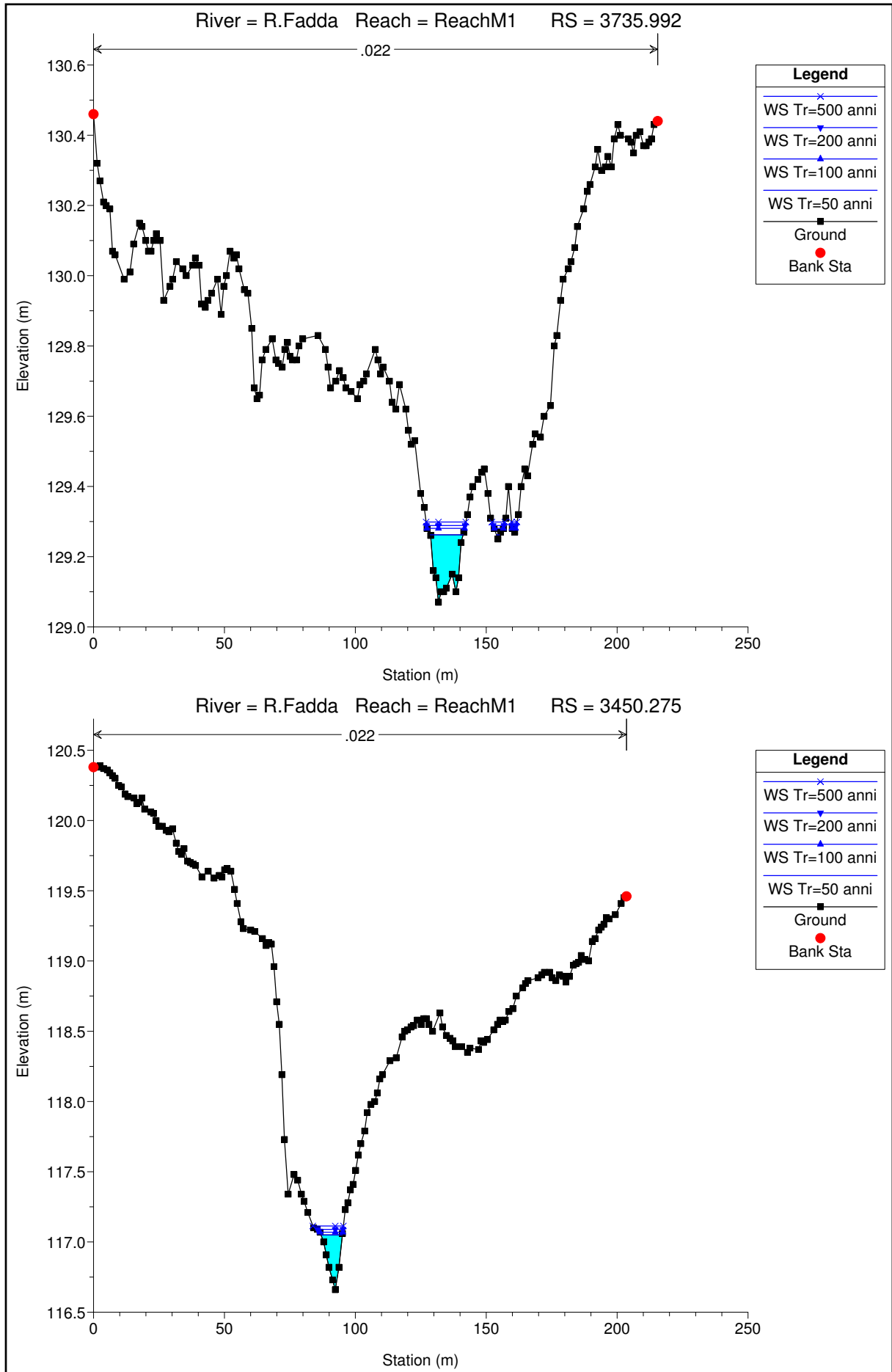
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
16-SN	ReachM1	377.7242	Tr=100 anni	2.16	95.43	95.62	96.27	0.156607	3.58	0.60	6.77	28.56	35.33
16-SN	ReachM1	377.7242	Tr=200 anni	2.37	95.43	95.63	96.31	0.155148	3.67	0.65	6.93	28.53	35.46
16-SN	ReachM1	377.7242	Tr=500 anni	2.65	95.43	95.64	96.36	0.153129	3.78	0.70	7.13	28.48	35.61
16-SN	ReachM1	346.3125	Tr=50 anni	1.95	92.95	93.21	93.69	0.047699	3.06	0.64	3.66	28.08	31.74
16-SN	ReachM1	346.3125	Tr=100 anni	2.16	92.95	93.23	93.74	0.047941	3.17	0.68	3.72	28.05	31.77
16-SN	ReachM1	346.3125	Tr=200 anni	2.37	92.95	93.24	93.78	0.048063	3.27	0.72	3.78	28.01	31.79
16-SN	ReachM1	346.3125	Tr=500 anni	2.65	92.95	93.25	93.84	0.048119	3.39	0.78	3.86	27.96	31.82
16-SN	ReachM1	314.2124	Tr=50 anni	1.95	91.13	91.34	91.80	0.073842	3.00	0.65	5.39	59.61	65.00
16-SN	ReachM1	314.2124	Tr=100 anni	2.16	91.13	91.35	91.84	0.074159	3.10	0.70	5.55	59.55	65.10
16-SN	ReachM1	314.2124	Tr=200 anni	2.37	91.13	91.36	91.87	0.074442	3.18	0.74	5.69	59.50	65.19
16-SN	ReachM1	314.2124	Tr=500 anni	2.65	91.13	91.37	91.92	0.075116	3.30	0.80	5.87	59.43	65.31
16-SN	ReachM1	274.4287	Tr=50 anni	1.95	88.67	88.90	89.29	0.053805	2.76	0.71	5.27	55.14	60.41
16-SN	ReachM1	274.4287	Tr=100 anni	2.16	88.67	88.91	89.32	0.053684	2.85	0.76	5.38	55.09	60.47
16-SN	ReachM1	274.4287	Tr=200 anni	2.37	88.67	88.92	89.36	0.053603	2.93	0.81	5.48	55.05	60.53
16-SN	ReachM1	274.4287	Tr=500 anni	2.65	88.67	88.94	89.35	0.054445	2.83	0.94	6.77	54.94	61.71
16-SN	ReachM1	228.7699	Tr=50 anni	1.95	86.06	86.20	86.52	0.067918	2.50	0.78	7.98	43.53	51.51
16-SN	ReachM1	228.7699	Tr=100 anni	2.16	86.06	86.20	86.55	0.068219	2.61	0.83	8.01	43.50	51.52
16-SN	ReachM1	228.7699	Tr=200 anni	2.37	86.06	86.21	86.58	0.068454	2.70	0.88	8.05	43.48	51.53
16-SN	ReachM1	228.7699	Tr=500 anni	2.65	86.06	86.22	86.62	0.066057	2.79	0.95	8.10	43.44	51.54
16-SN	ReachM1	183.3331	Tr=50 anni	1.95	81.33	81.47	82.09	0.149512	3.47	0.56	6.36	31.30	37.67
16-SN	ReachM1	183.3331	Tr=100 anni	2.16	81.33	81.48	82.13	0.147449	3.58	0.60	6.46	31.23	37.69
16-SN	ReachM1	183.3331	Tr=200 anni	2.37	81.33	81.48	82.17	0.145696	3.68	0.64	6.56	31.16	37.72
16-SN	ReachM1	183.3331	Tr=500 anni	2.65	81.33	81.49	82.25	0.149591	3.86	0.69	6.66	31.09	37.75
16-SN	ReachM1	154.236	Tr=50 anni	1.95	77.04	77.20	77.89	0.138703	3.68	0.53	5.23	48.45	53.67
16-SN	ReachM1	154.236	Tr=100 anni	2.16	77.04	77.21	77.95	0.139490	3.81	0.57	5.32	48.38	53.70
16-SN	ReachM1	154.236	Tr=200 anni	2.37	77.04	77.22	78.01	0.140219	3.93	0.60	5.41	48.32	53.73
16-SN	ReachM1	154.236	Tr=500 anni	2.65	77.04	77.23	78.06	0.137761	4.06	0.65	5.53	48.24	53.77
16-SN	ReachM1	124.2565	Tr=50 anni	1.95	75.37	75.52	75.70	0.040262	1.91	1.02	10.72	51.57	62.28
16-SN	ReachM1	124.2565	Tr=100 anni	2.16	75.37	75.52	75.72	0.040939	1.98	1.09	10.93	51.44	62.37
16-SN	ReachM1	124.2565	Tr=200 anni	2.37	75.37	75.53	75.74	0.041593	2.05	1.16	11.14	51.32	62.46
16-SN	ReachM1	124.2565	Tr=500 anni	2.65	75.37	75.53	75.77	0.042706	2.14	1.24	11.39	51.17	62.56
16-SN	ReachM1	106.0251	Tr=50 anni	1.95	74.36	74.58	74.89	0.047838	2.47	0.79	6.33	60.01	66.35
16-SN	ReachM1	106.0251	Tr=100 anni	2.16	74.36	74.59	74.92	0.046492	2.53	0.85	6.47	59.90	66.37
16-SN	ReachM1	106.0251	Tr=200 anni	2.37	74.36	74.60	74.94	0.045315	2.58	0.92	6.60	59.79	66.39
16-SN	ReachM1	106.0251	Tr=500 anni	2.65	74.36	74.61	74.97	0.043856	2.65	1.00	6.77	59.65	66.42
16-SN	ReachM1	75.66463	Tr=50 anni	1.95	73.15	73.33	73.55	0.039293	2.10	0.93	8.28	65.00	73.28
16-SN	ReachM1	75.66463	Tr=100 anni	2.16	73.15	73.33	73.58	0.040299	2.19	0.99	8.37	64.96	73.33
16-SN	ReachM1	75.66463	Tr=200 anni	2.37	73.15	73.34	73.60	0.041222	2.28	1.04	8.46	64.92	73.38
16-SN	ReachM1	75.66463	Tr=500 anni	2.65	73.15	73.35	73.64	0.042403	2.39	1.11	8.57	64.87	73.44
16-SN	ReachM1	49.22635	Tr=50 anni	1.95	72.00	72.18	72.38	0.049549	1.97	0.99	11.55	65.82	77.37
16-SN	ReachM1	49.22635	Tr=100 anni	2.16	72.00	72.19	72.40	0.048671	2.02	1.07	11.81	65.60	77.41
16-SN	ReachM1	49.22635	Tr=200 anni	2.37	72.00	72.20	72.42	0.048073	2.07	1.14	12.06	65.39	77.44
16-SN	ReachM1	49.22635	Tr=500 anni	2.65	72.00	72.20	72.44	0.047347	2.14	1.24	12.27	65.22	77.49
16-SN	ReachM1	16.99276	Tr=50 anni	1.95	69.88	69.98	70.29	0.087187	2.46	0.79	10.08	41.09	51.17
16-SN	ReachM1	16.99276	Tr=100 anni	2.16	69.88	69.99	70.32	0.087923	2.56	0.84	10.21	41.03	51.24
16-SN	ReachM1	16.99276	Tr=200 anni	2.37	69.88	69.99	70.35	0.088185	2.64	0.90	10.33	40.97	51.30
16-SN	ReachM1	16.99276	Tr=500 anni	2.65	69.88	70.00	70.39	0.088540	2.75	0.96	10.50	40.88	51.38
1-SN	ReachM1	372.6384	Tr=50 anni	30.57	34.89	35.79	36.10	0.005812	2.46	12.43	20.60	37.17	57.76
1-SN	ReachM1	372.6384	Tr=100 anni	33.77	34.89	35.83	36.16	0.005676	2.52	13.39	20.98	36.97	57.96
1-SN	ReachM1	372.6384	Tr=200 anni	36.99	34.89	35.88	36.22	0.005502	2.57	14.39	21.37	36.78	58.15
1-SN	ReachM1	372.6384	Tr=500 anni	41.30	34.89	35.94	36.29	0.005398	2.65	15.60	21.84	36.55	58.39
1-SN	ReachM1	362.589	Tr=50 anni	30.57	34.88	35.66	36.02	0.007690	2.67	11.46	20.79	46.34	67.13
1-SN	ReachM1	362.589	Tr=100 anni	33.77	34.88	35.70	36.09	0.007666	2.75	12.27	21.16	46.19	67.35
1-SN	ReachM1	362.589	Tr=200 anni	36.99	34.88	35.74	36.15	0.007647	2.83	13.06	21.52	46.05	67.57
1-SN	ReachM1	362.589	Tr=500 anni	41.30	34.88	35.78	36.22	0.007599	2.93	14.09	21.96	45.89	67.85
1-SN	ReachM1	331.4076	Tr=50 anni	30.57	34.12	34.72	35.54	0.034169	4.00	7.63	23.06	64.96	88.03
1-SN	ReachM1	331.4076	Tr=100 anni	33.77	34.12	34.75	35.60	0.034148	4.09	8.26	24.16	63.97	88.13
1-SN	ReachM1	331.4076	Tr=200 anni	36.99	34.12	34.77	35.66	0.034131	4.17	8.86	25.16	63.03	88.19
1-SN	ReachM1	331.4076	Tr=500 anni	41.30	34.12	34.80	35.74	0.033557	4.28	9.64	25.96	62.29	88.26
1-SN	ReachM1	306.2649	Tr=50 anni	30.57	32.88	33.72	34.66	0.034881	4.29	7.12	19.65	49.06	68.71
1-SN	ReachM1	306.2649	Tr=100 anni	33.77	32.88	33.75	34.73	0.033904	4.39	7.69	20.05	48.77	68.82
1-SN	ReachM1	306.2649	Tr=200 anni	36.99	32.88	33.78	34.80	0.033204	4.48	8.26	20.58	48.35	68.93
1-SN	ReachM1	306.2649	Tr=500 anni	41.30	32.88	33.81	34.86	0.035008	4.54	9.10	23.14	45.92	69.06
1-SN	ReachM1	286.9468	Tr=50 anni	30.57	32.82	33.27	33.94	0.031281	3.62	8.45	27.92	57.68	86.81
1-SN	ReachM1	286.9468	Tr=100 anni	33.77	32.82	33.29	34.00	0.033013	3.74	9.03	29.53	57.39	86.92
1-SN	ReachM1	286.9468	Tr=200 anni	36.99	32.82	33.31	34.08	0.033637	3.88	9.54	29.96	57.05	87.01
1-SN	ReachM1	286.9468	Tr=500 anni	41.30	32.82	33.34	34.14	0.032424	3.96	10.42	30.85	56.32	87.18
1-SN	ReachM1	262.2502	Tr=50 anni	30.57	32.05	32.60	33.07	0.034345	3.04	10.05	46.25	57.45	103.70
1-SN	ReachM1	262.2502	Tr=100 anni	33.77	32.05	32.62	33.11	0.034173	3.10	10.88	48.42	57.23	105.65
1-SN	ReachM1	262.2502	Tr=200 anni	36.99	32.05	32.63	33.16	0.035176	3.21	11.51	49.69	57.07	106.76
1-SN	ReachM1	262.2502	Tr=500 anni	41.30	32.05	32.64	33.22	0.036484	3.37	12.25	50.61	56.89	107.50
1-SN	ReachM1	237.9106	Tr=50 anni	30.57	31.98	32.56	32.71	0.007541	1.72	17.78	61.72	46.92	108.64
1-SN	ReachM1	237.9106	Tr=100 anni	33.77	31.98	32.59	32.74	0.007059	1.75	19.32	62.24	46.84	109.08

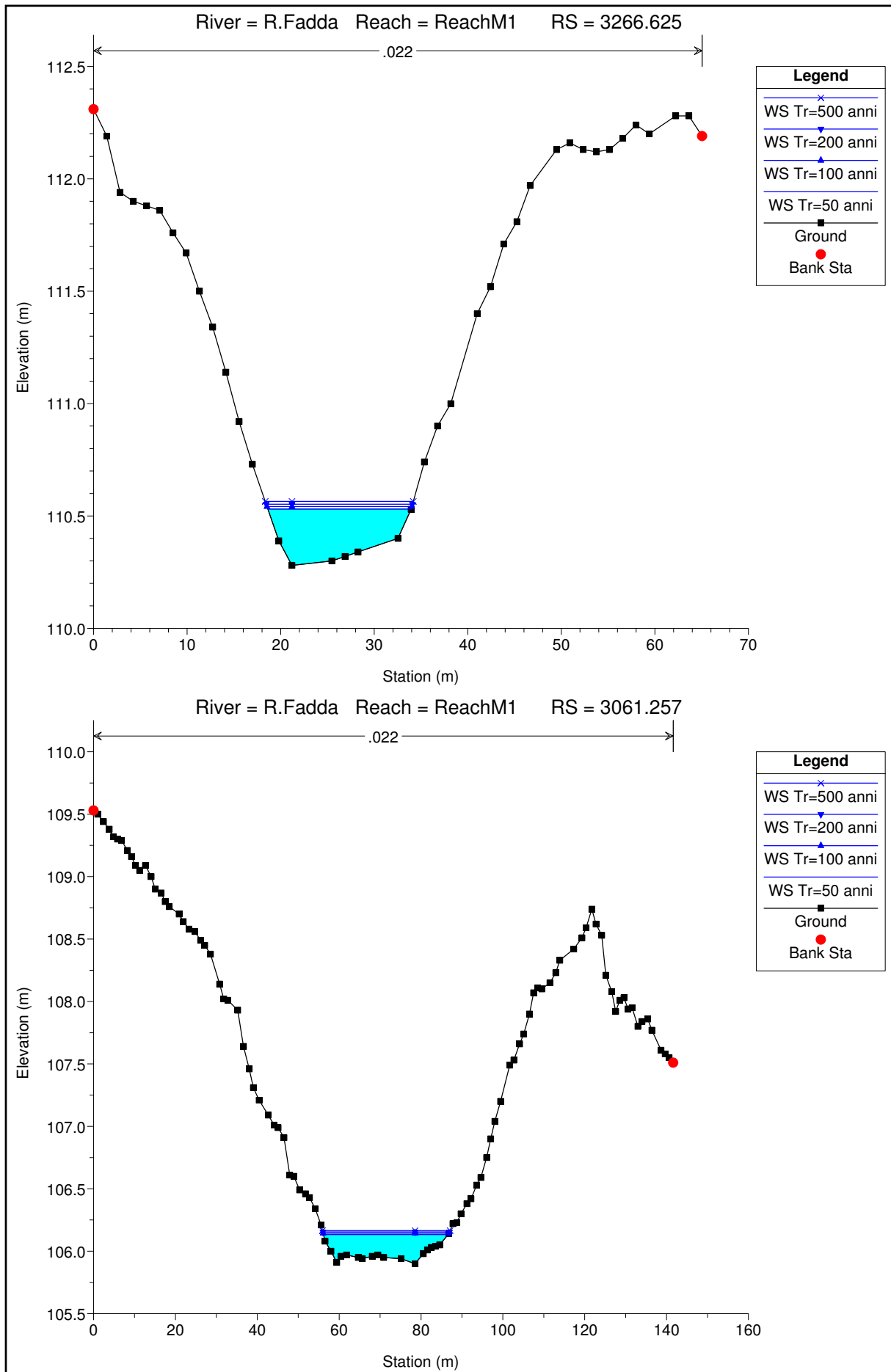
HEC-RAS Plan: sine9_1 (Continued)

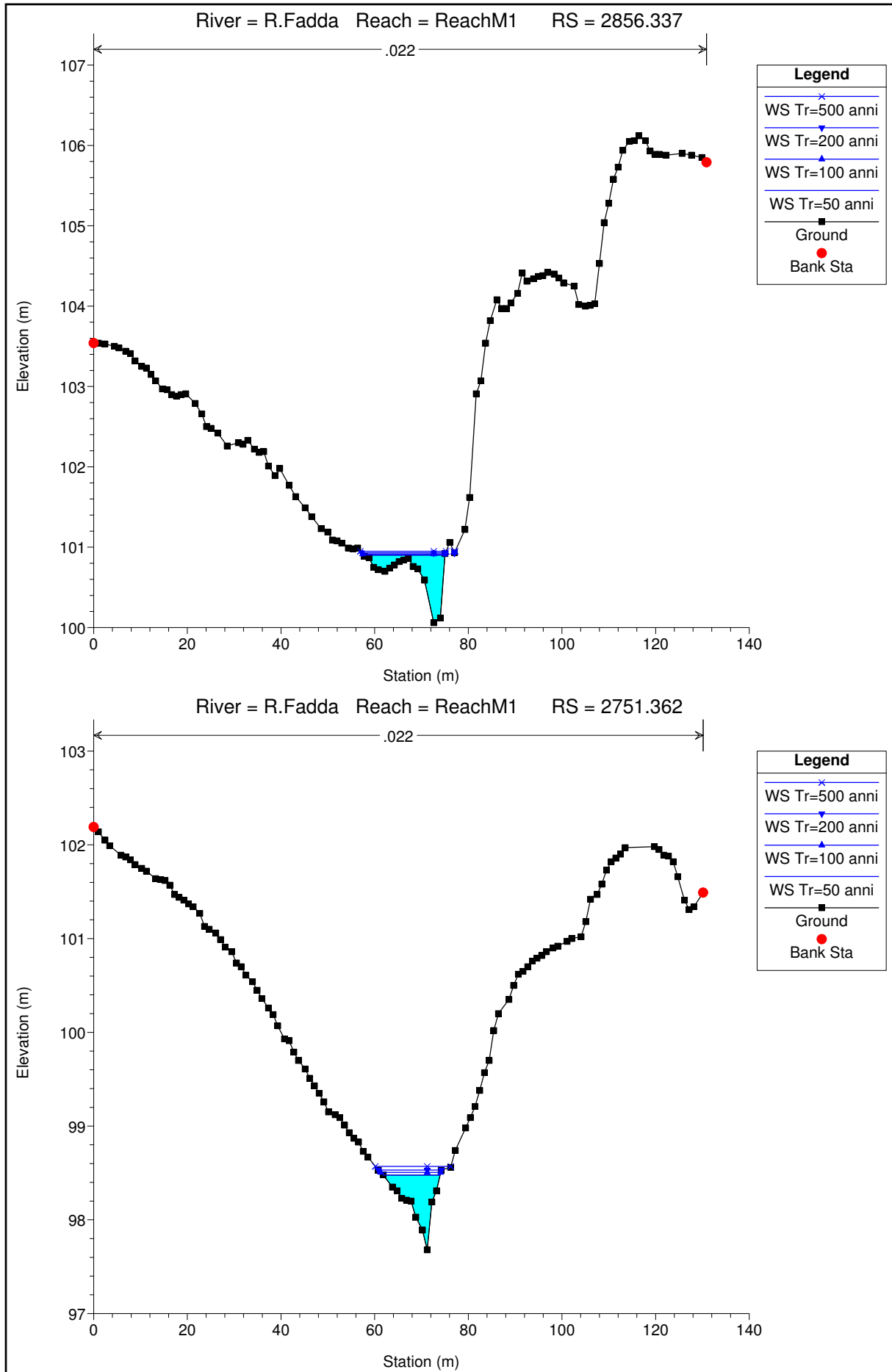
River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
1-SN	ReachM1	237.9106	Tr=200 anni	36.99	31.98	32.61	32.77	0.006933	1.80	20.57	62.66	46.77	109.43
1-SN	ReachM1	237.9106	Tr=500 anni	41.30	31.98	32.63	32.81	0.006969	1.88	22.01	63.18	46.69	109.86
1-SN	ReachM1	222.6905	Tr=50 anni	30.57	31.60	32.24	32.52	0.020149	2.36	12.97	58.60	43.88	102.48
1-SN	ReachM1	222.6905	Tr=100 anni	33.77	31.60	32.25	32.56	0.020297	2.45	13.77	58.93	43.82	102.76
1-SN	ReachM1	222.6905	Tr=200 anni	36.99	31.60	32.27	32.59	0.019729	2.52	14.69	59.22	43.75	102.97
1-SN	ReachM1	222.6905	Tr=500 anni	41.30	31.60	32.29	32.63	0.018776	2.59	15.95	59.43	43.66	103.09
1-SN	ReachM1	211.9213	Tr=50 anni	30.57	31.72	32.27	32.41	0.007714	1.66	18.37	68.16	34.69	102.85
1-SN	ReachM1	211.9213	Tr=100 anni	33.77	31.72	32.29	32.44	0.007522	1.72	19.69	68.53	34.46	102.99
1-SN	ReachM1	211.9213	Tr=200 anni	36.99	31.72	32.32	32.47	0.007057	1.74	21.25	68.98	34.19	103.17
1-SN	ReachM1	211.9213	Tr=500 anni	41.30	31.72	32.34	32.51	0.007124	1.82	22.70	69.45	33.88	103.33
1-SN	ReachM1	187.2129	Tr=50 anni	30.57	31.23	31.56	32.00	0.047602	2.93	10.43	64.77	29.36	105.54
1-SN	ReachM1	187.2129	Tr=100 anni	33.77	31.23	31.57	32.03	0.047001	3.00	11.25	66.83	29.18	105.66
1-SN	ReachM1	187.2129	Tr=200 anni	36.99	31.23	31.58	32.07	0.048342	3.09	11.96	69.34	29.05	105.74
1-SN	ReachM1	187.2129	Tr=500 anni	41.30	31.23	31.60	32.11	0.046607	3.16	13.06	71.31	28.95	105.86
1-SN	ReachM1	130.7888	Tr=50 anni	30.57	29.95	30.71	30.89	0.009546	1.89	16.16	57.84	99.61	159.30
1-SN	ReachM1	130.7888	Tr=100 anni	33.77	29.95	30.73	30.92	0.009599	1.94	17.41	60.22	99.26	159.48
1-SN	ReachM1	130.7888	Tr=200 anni	36.99	29.95	30.75	30.95	0.009523	2.00	18.48	60.67	98.97	159.64
1-SN	ReachM1	130.7888	Tr=500 anni	41.30	29.95	30.77	30.99	0.009652	2.09	19.73	61.20	98.62	159.82
1-SN	ReachM1	86.86331	Tr=50 anni	30.57	29.77	30.65	30.70	0.001766	0.97	31.60	87.47	76.83	183.27
1-SN	ReachM1	86.86331	Tr=100 anni	33.77	29.77	30.67	30.72	0.001834	1.01	33.46	89.40	76.65	183.38
1-SN	ReachM1	86.86331	Tr=200 anni	36.99	29.77	30.69	30.75	0.001897	1.05	35.24	91.11	76.47	183.48
1-SN	ReachM1	86.86331	Tr=500 anni	41.30	29.77	30.72	30.78	0.001927	1.10	37.68	92.38	76.24	183.61
1-SN	ReachM1	59.99422	Tr=50 anni	30.57	29.38	30.60	30.65	0.002119	0.97	31.42	98.64	115.13	213.77
1-SN	ReachM1	59.99422	Tr=100 anni	33.77	29.38	30.62	30.67	0.002115	1.01	33.47	99.35	114.49	213.84
1-SN	ReachM1	59.99422	Tr=200 anni	36.99	29.38	30.64	30.69	0.002126	1.05	35.36	99.79	114.11	213.90
1-SN	ReachM1	59.99422	Tr=500 anni	41.30	29.38	30.66	30.72	0.002188	1.09	37.98	103.35	110.63	213.99
1-SN	ReachM1	36.64951	Tr=50 anni	30.57	29.16	30.84	30.85	0.000275	0.48	63.68	124.66	112.64	239.50
1-SN	ReachM1	36.64951	Tr=100 anni	33.77	29.16	30.86	30.88	0.000299	0.50	66.92	129.58	102.07	239.54
1-SN	ReachM1	36.64951	Tr=200 anni	36.99	29.16	30.89	30.90	0.000323	0.53	70.32	135.39	101.55	239.58
1-SN	ReachM1	36.64951	Tr=500 anni	41.30	29.16	30.92	30.94	0.000336	0.55	75.00	138.89	100.73	239.63

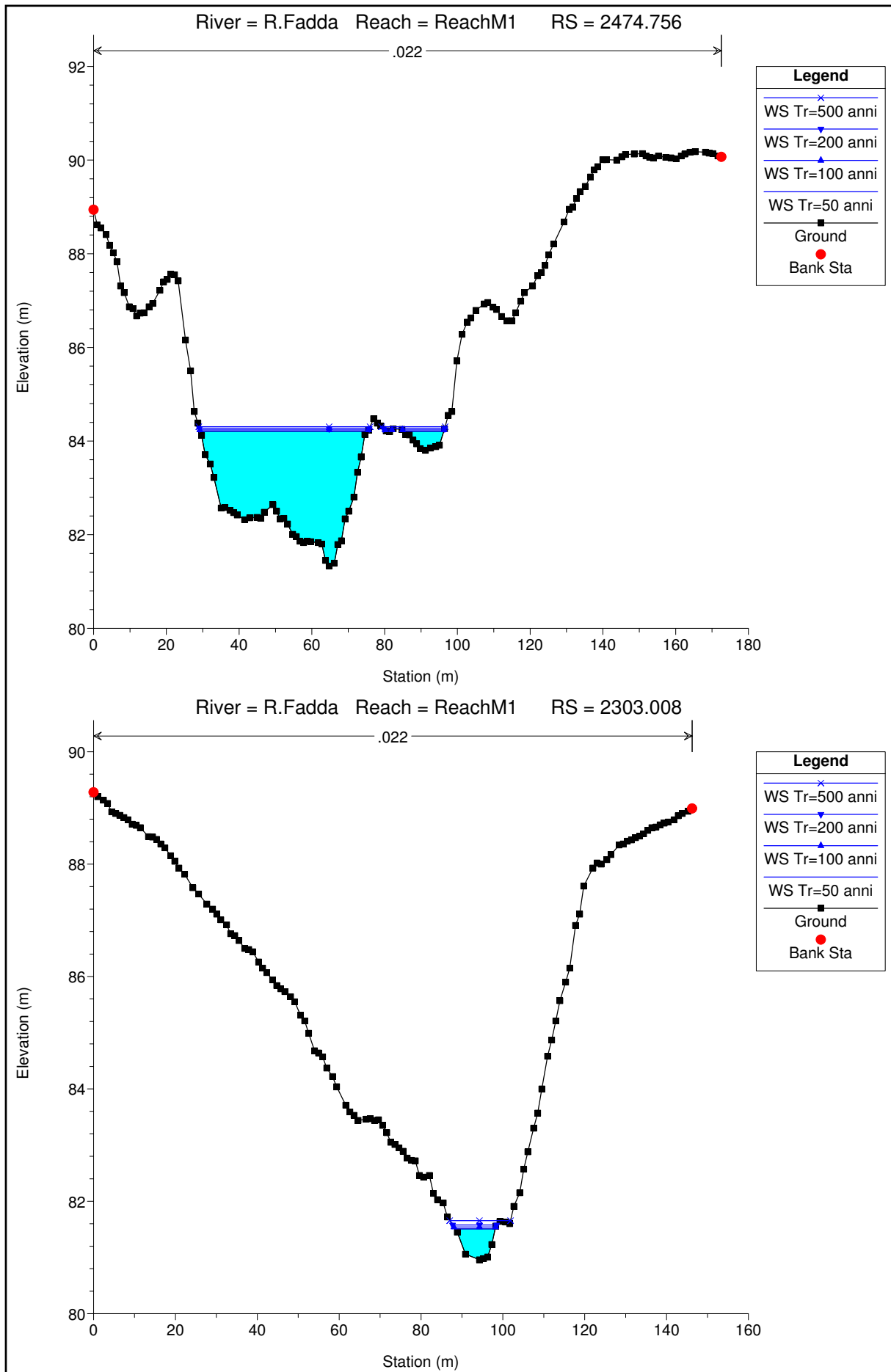
A - Bacino Sa Masa

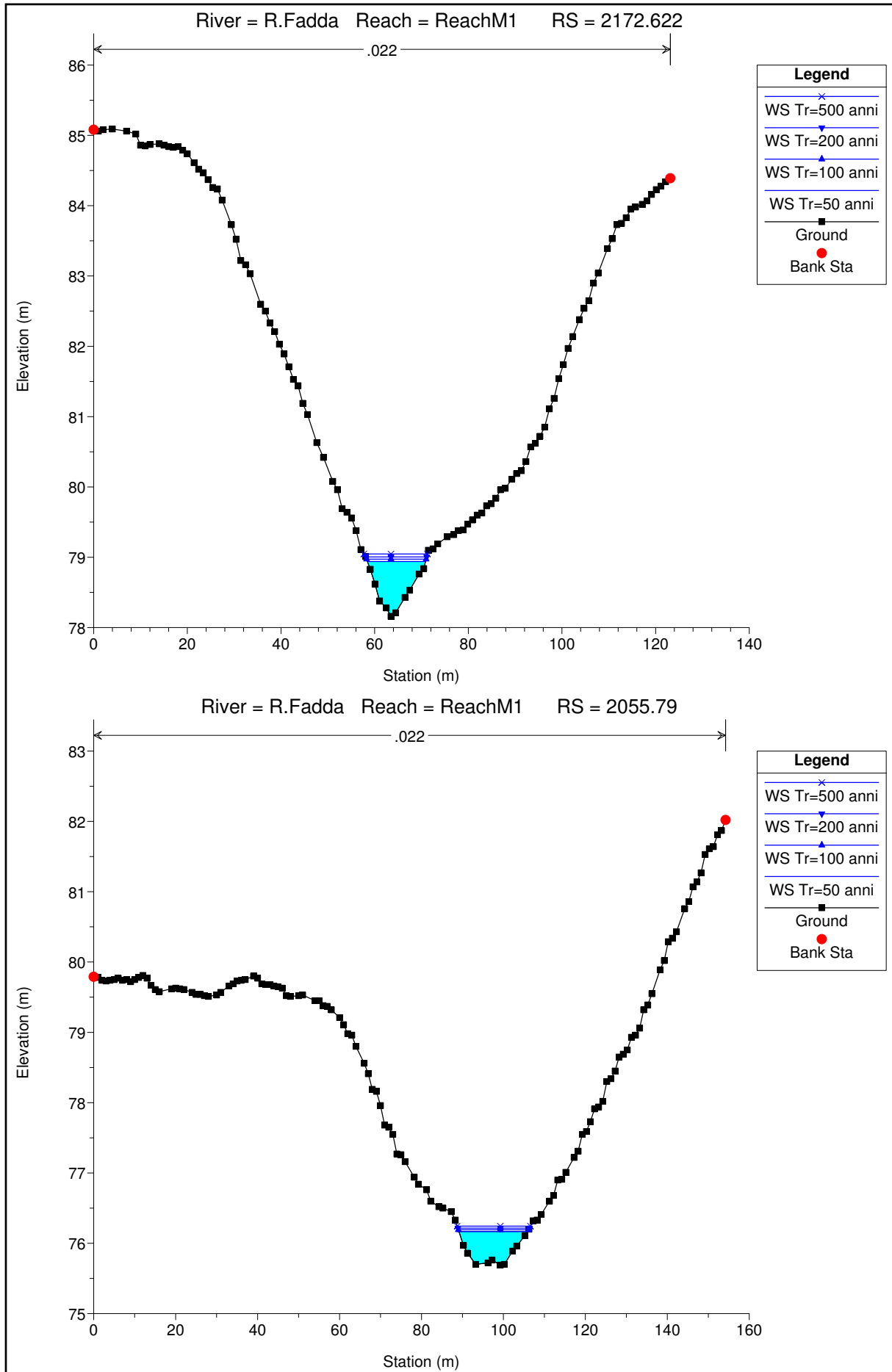
Rio Fadda

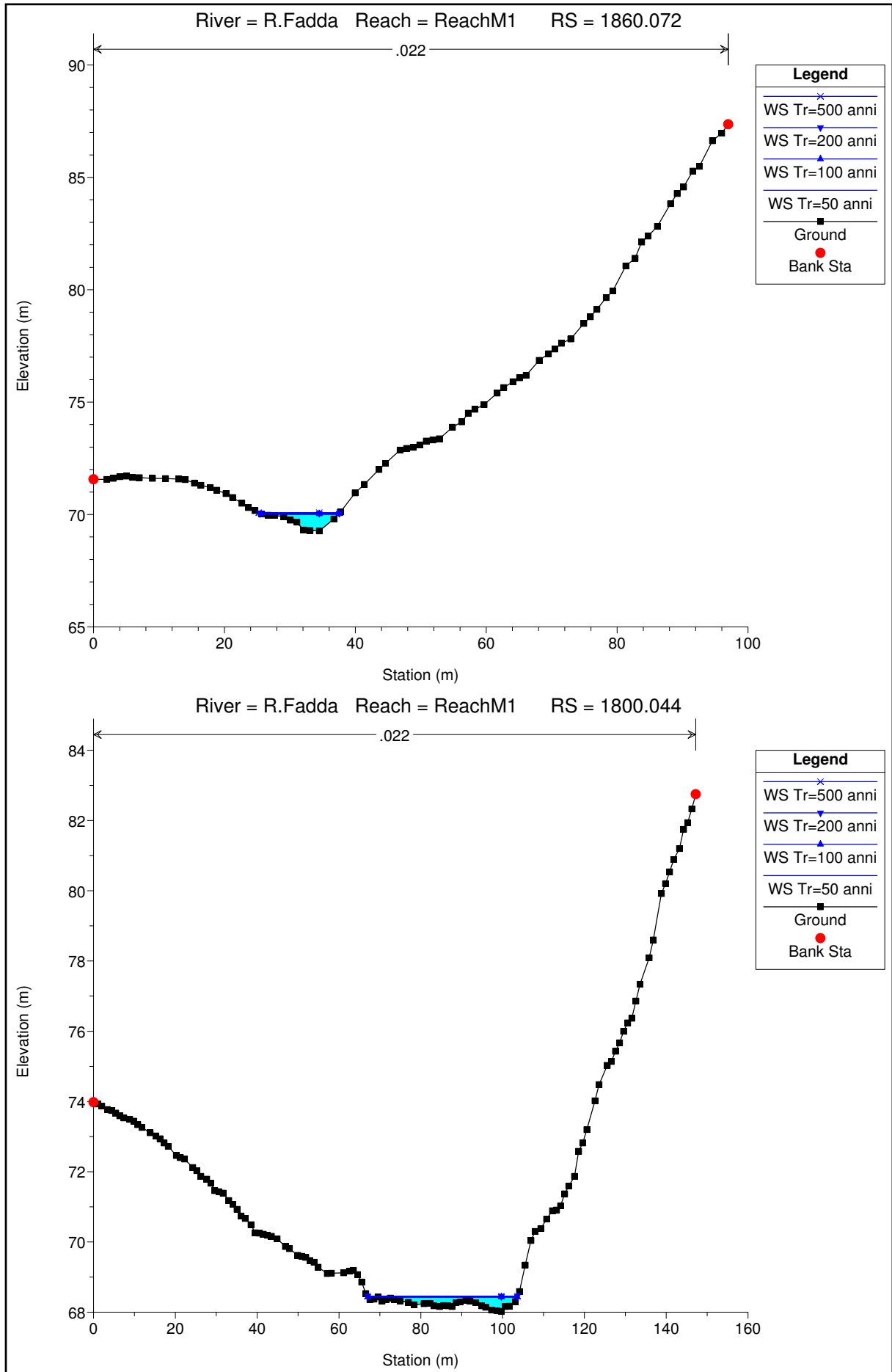


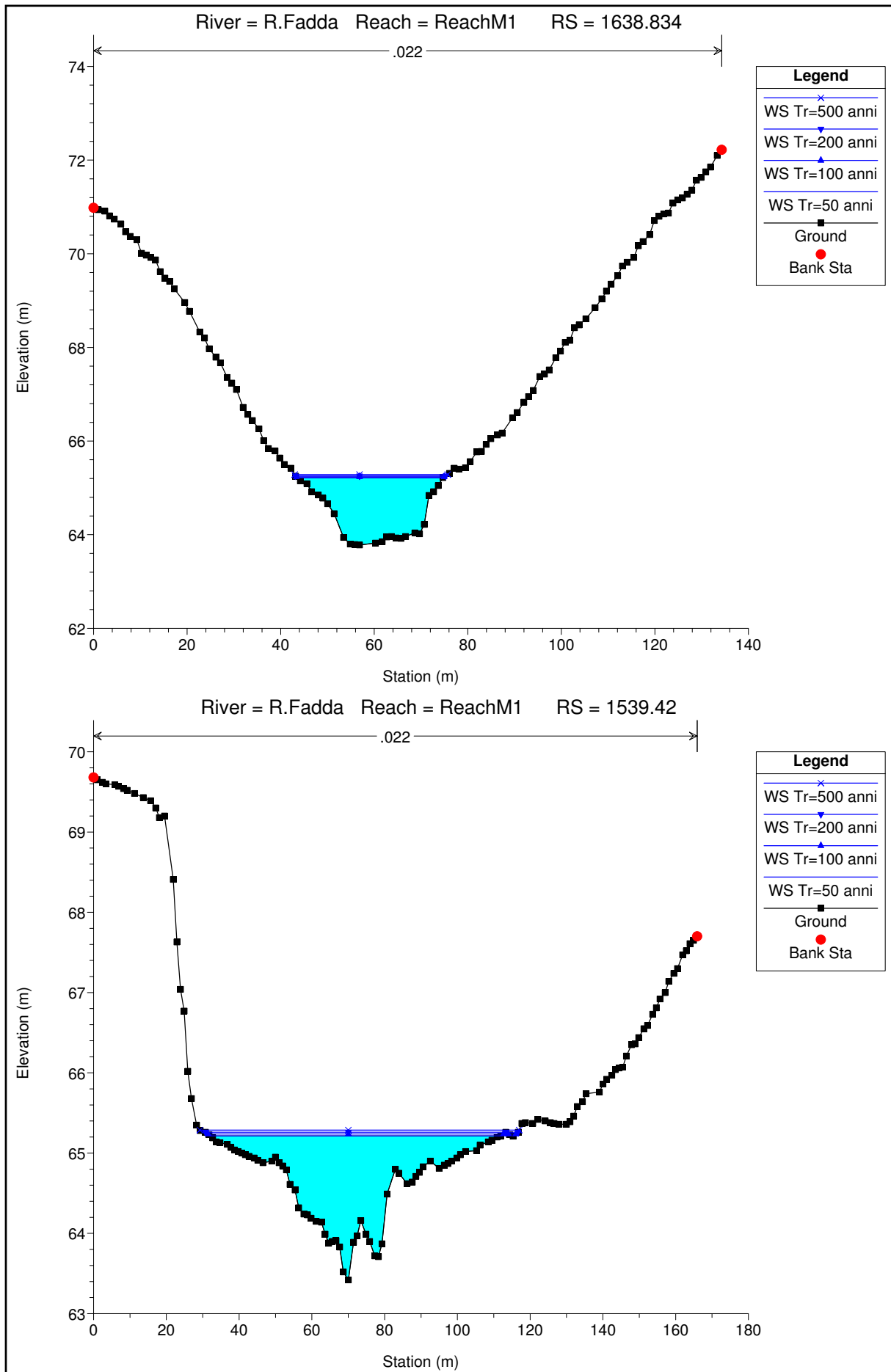


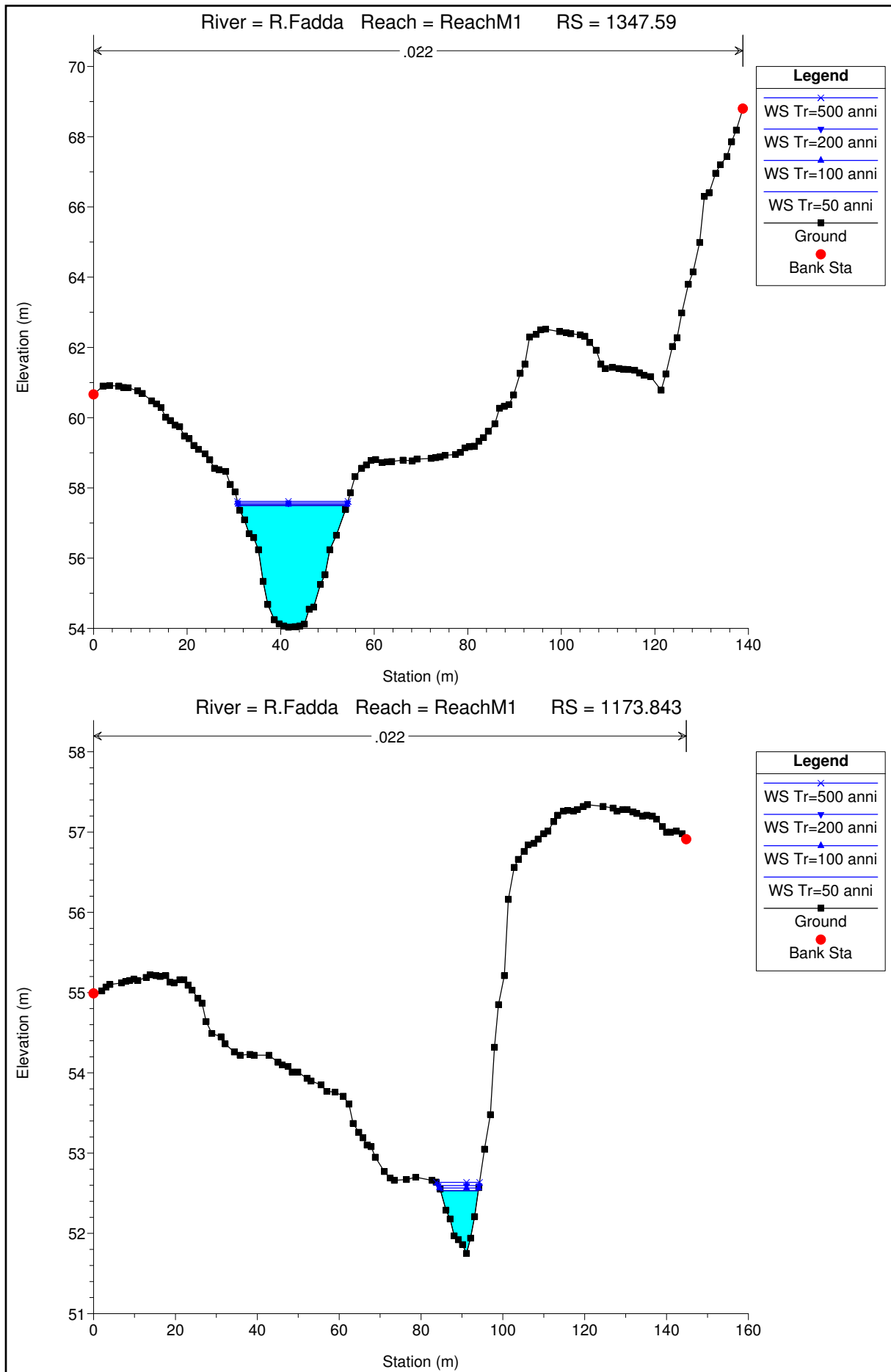


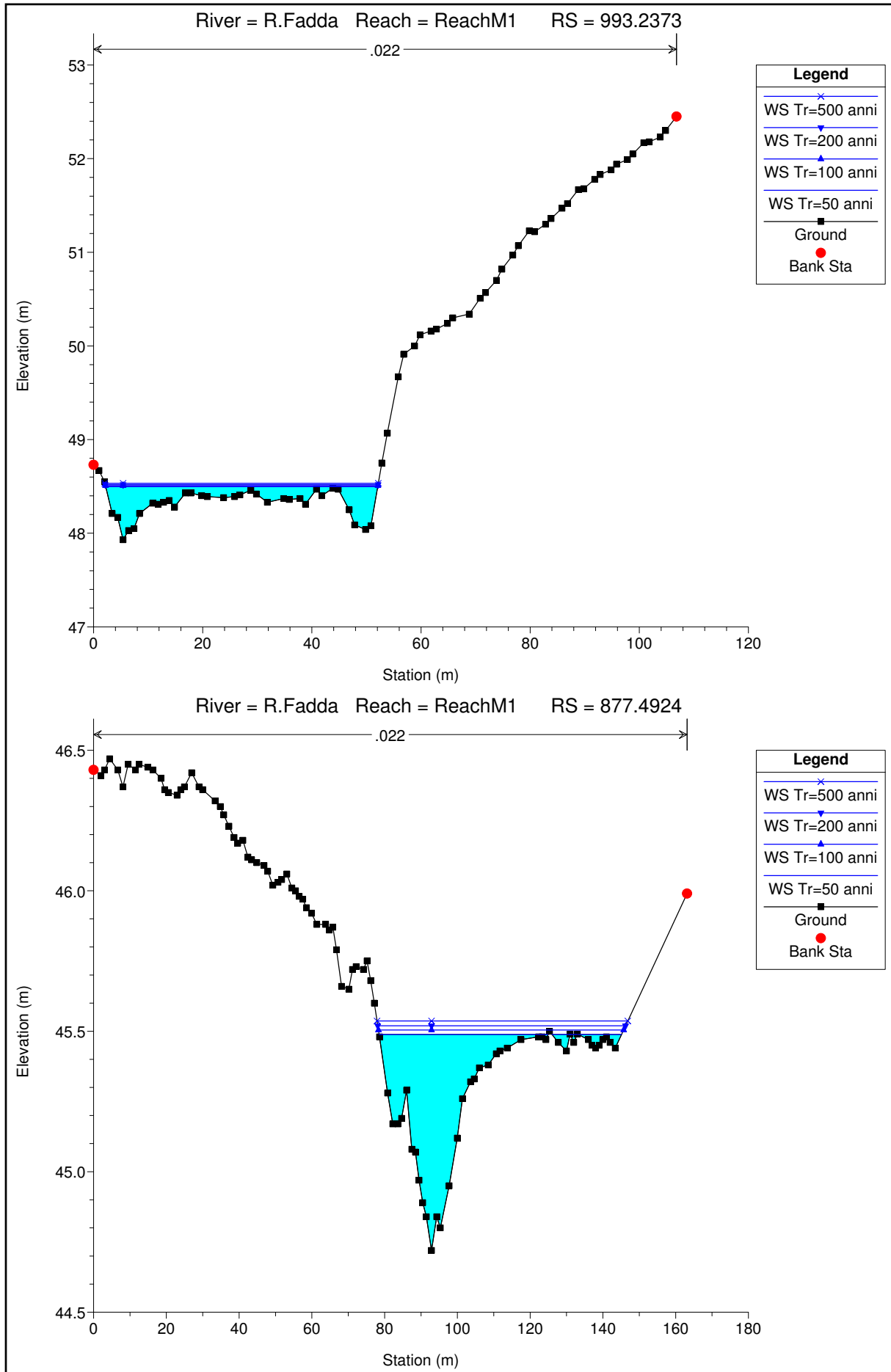


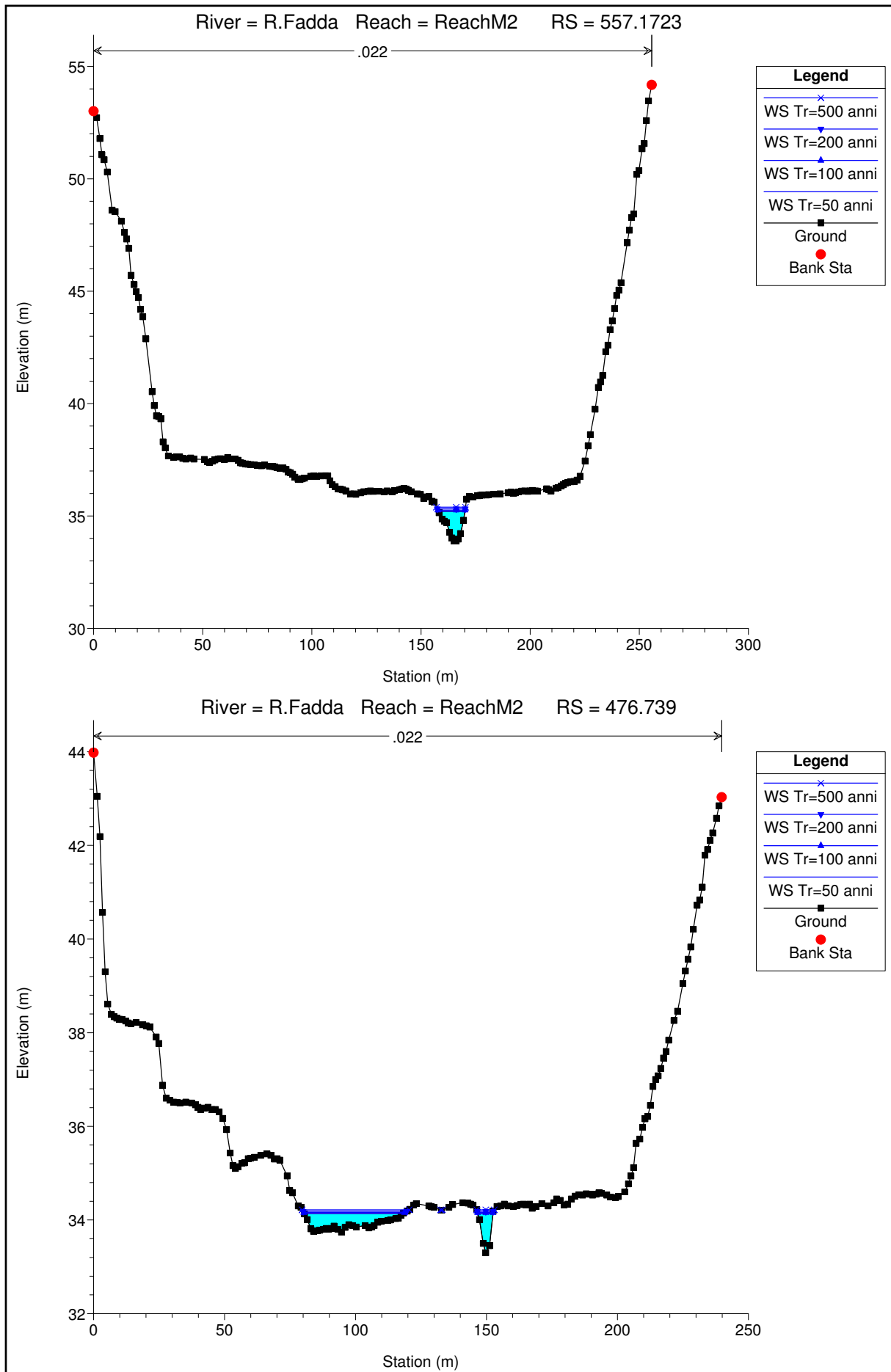


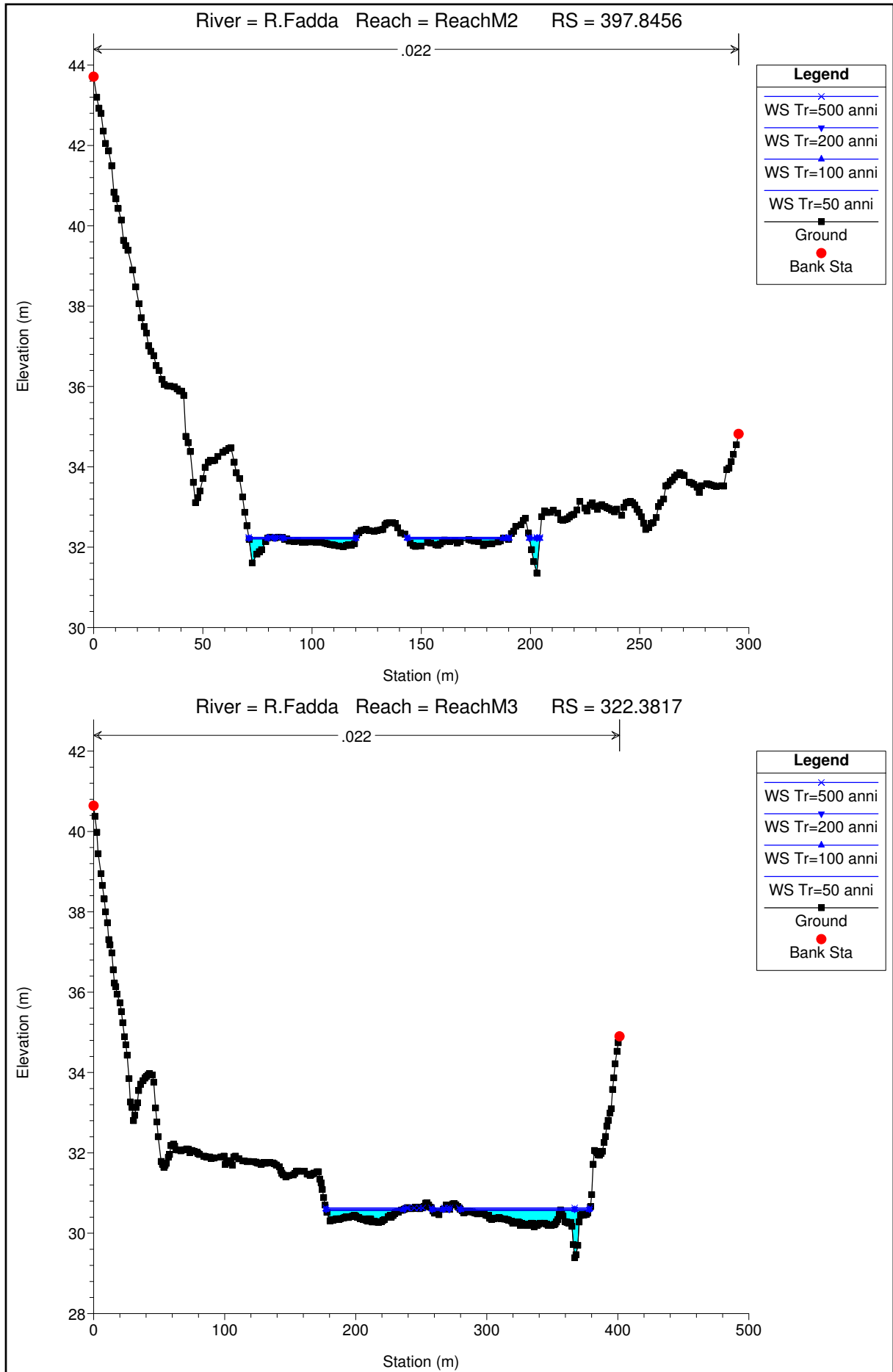


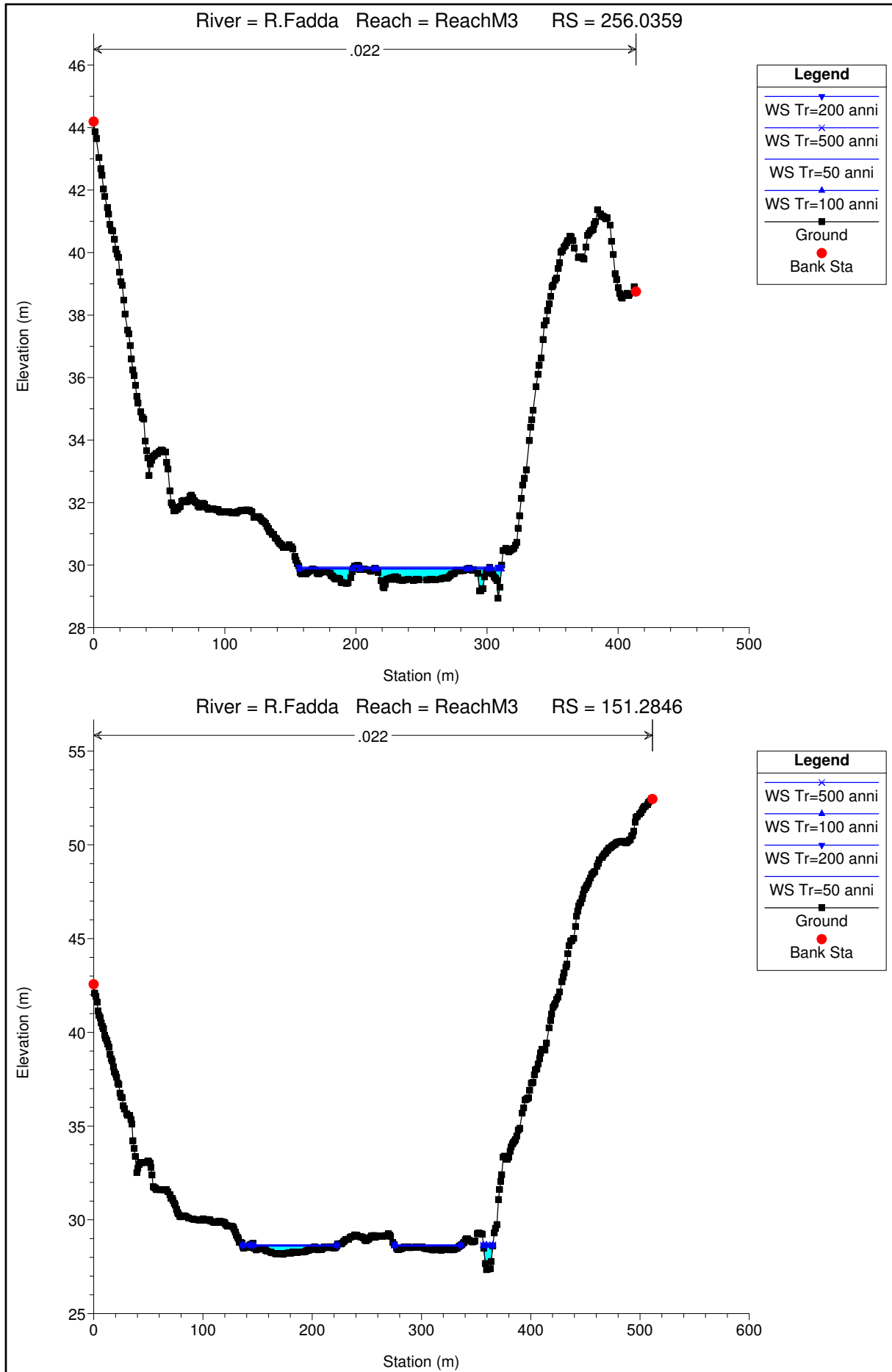


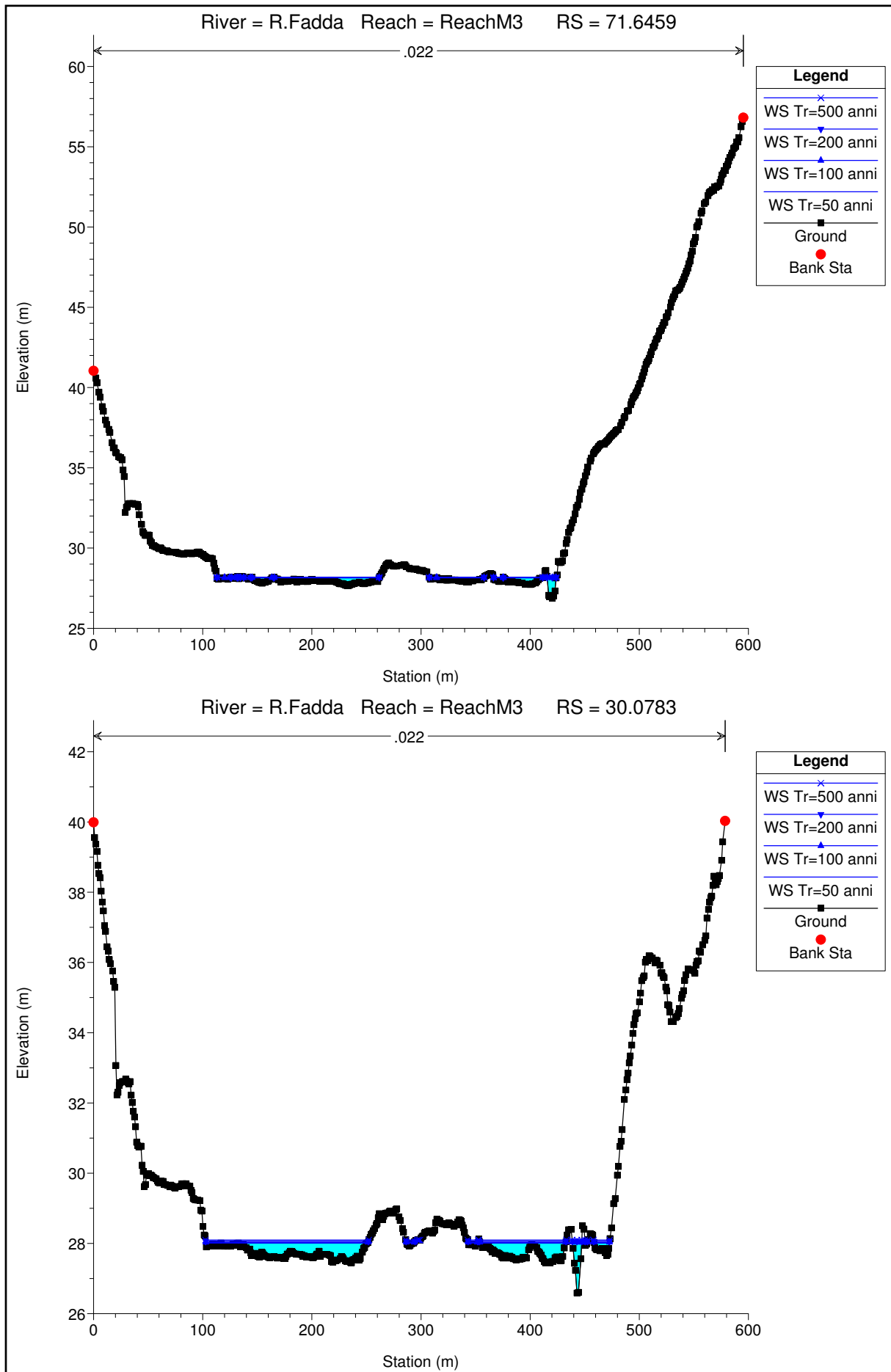


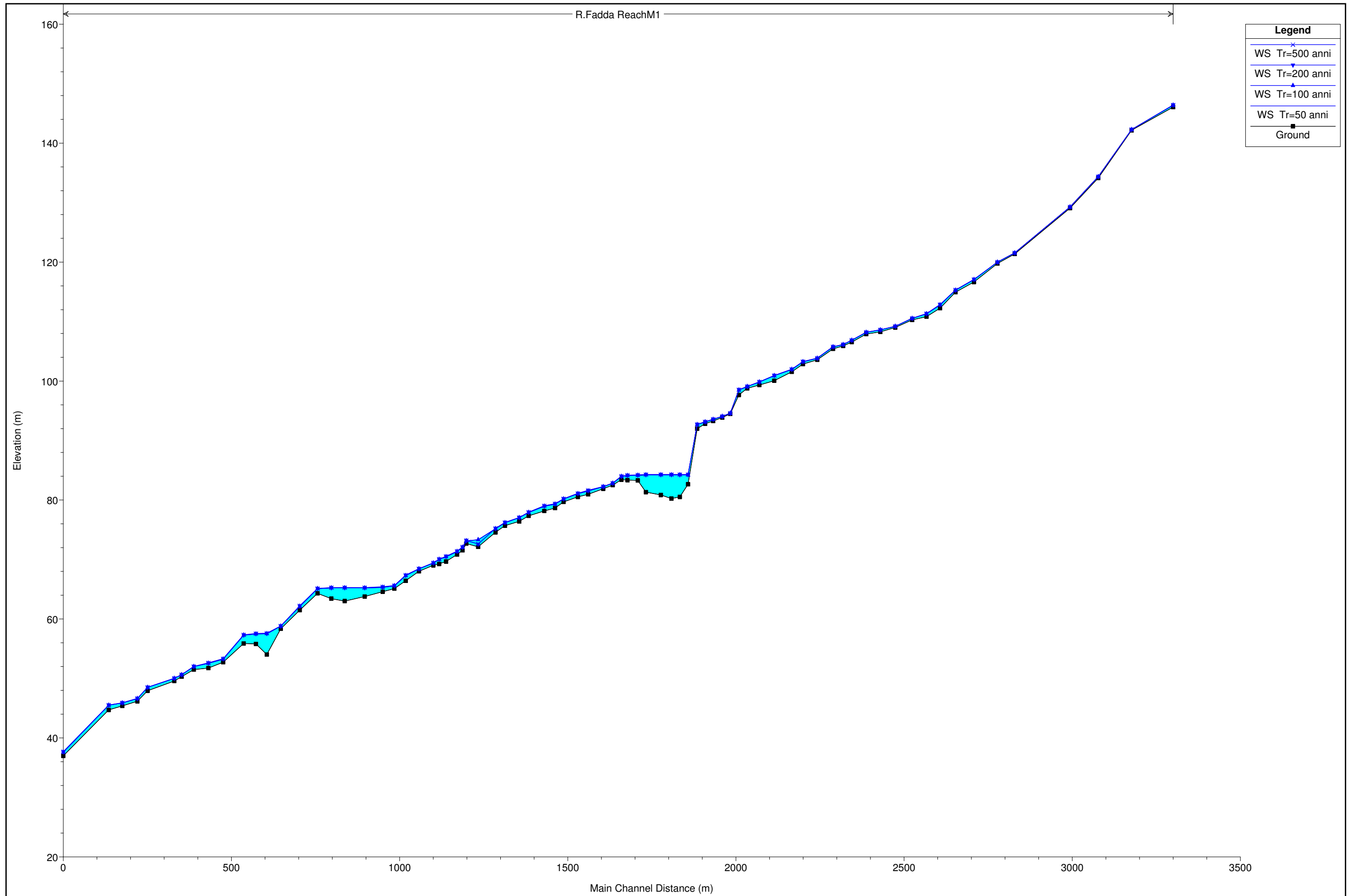


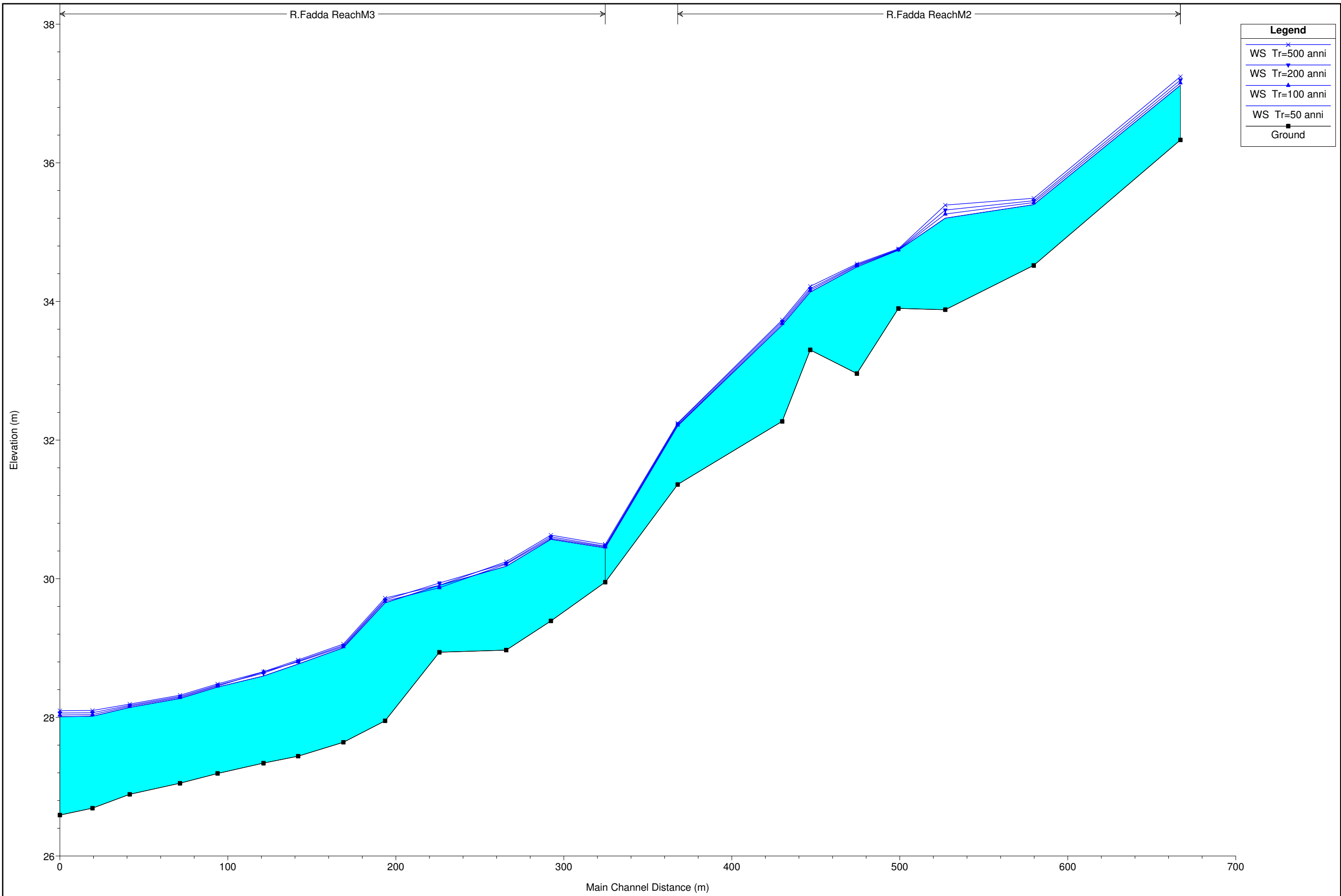






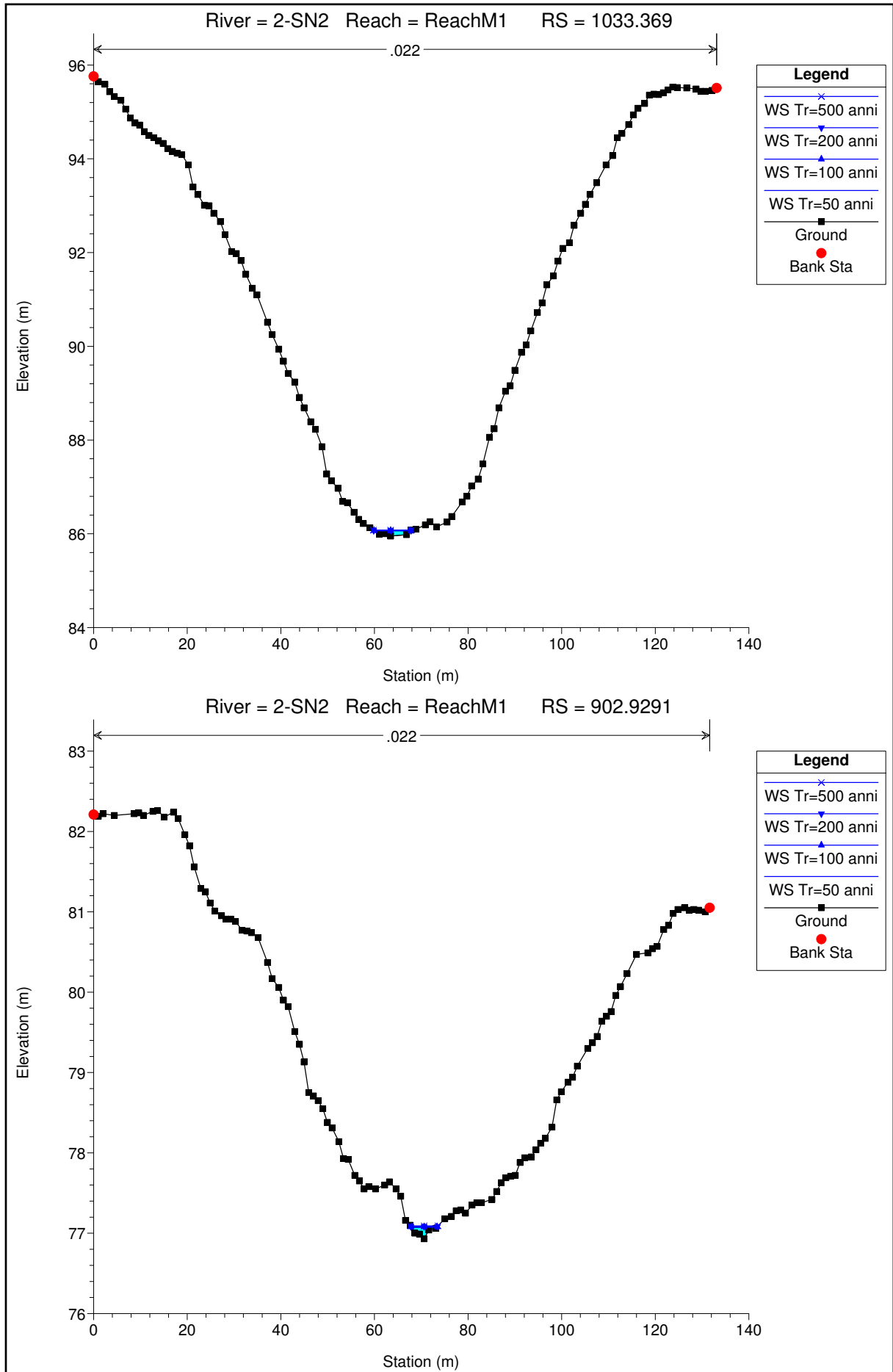


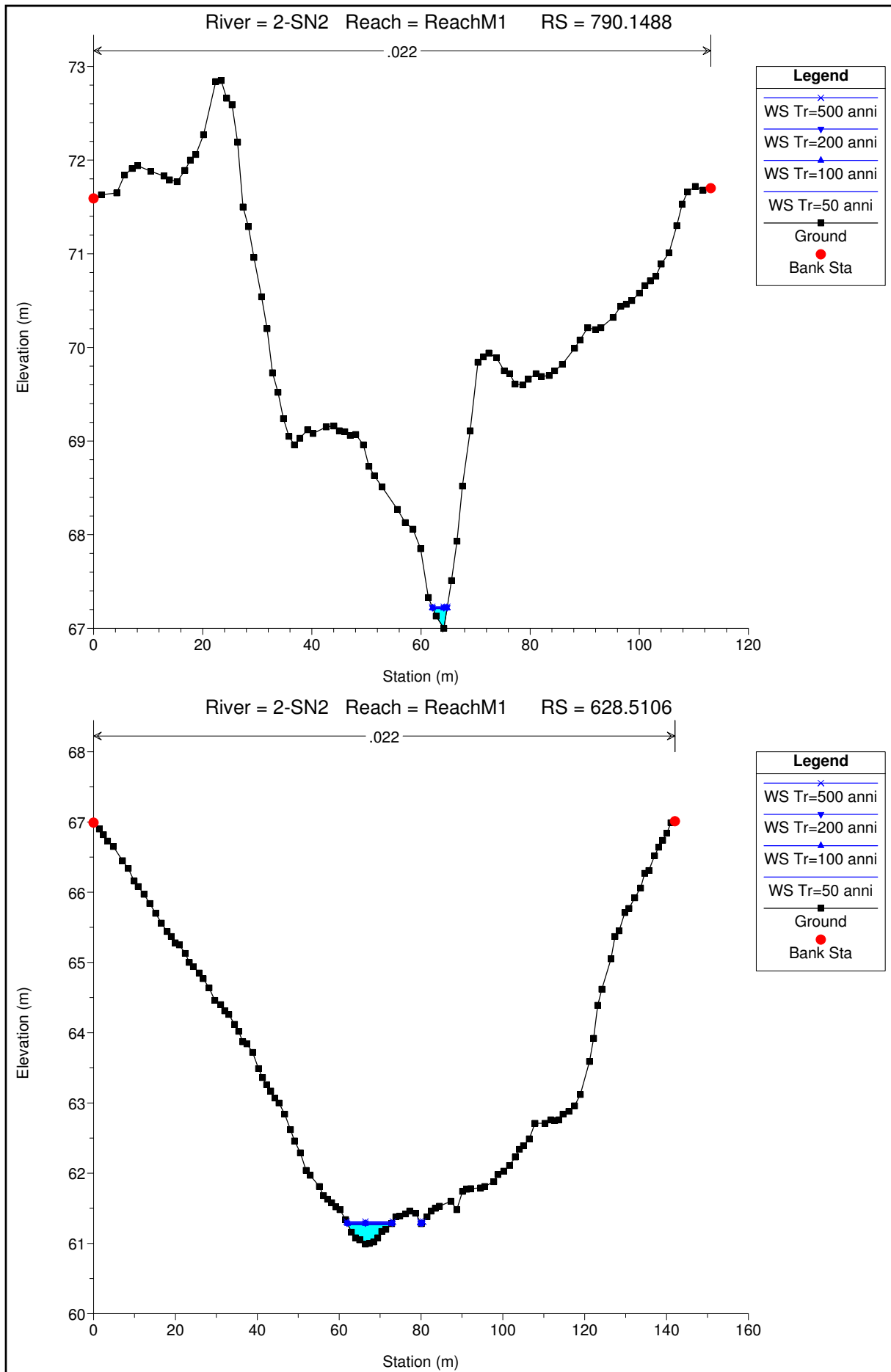


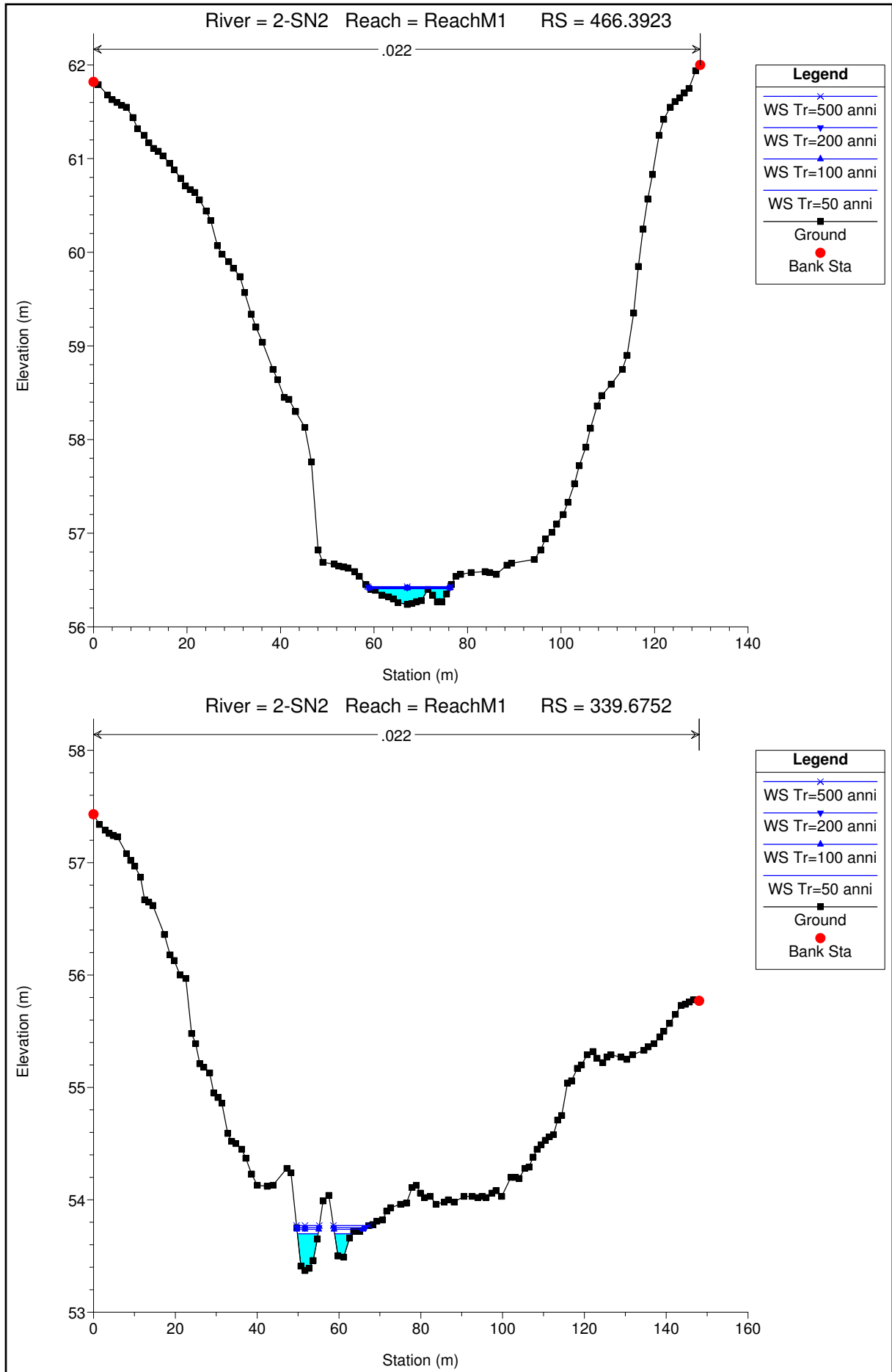


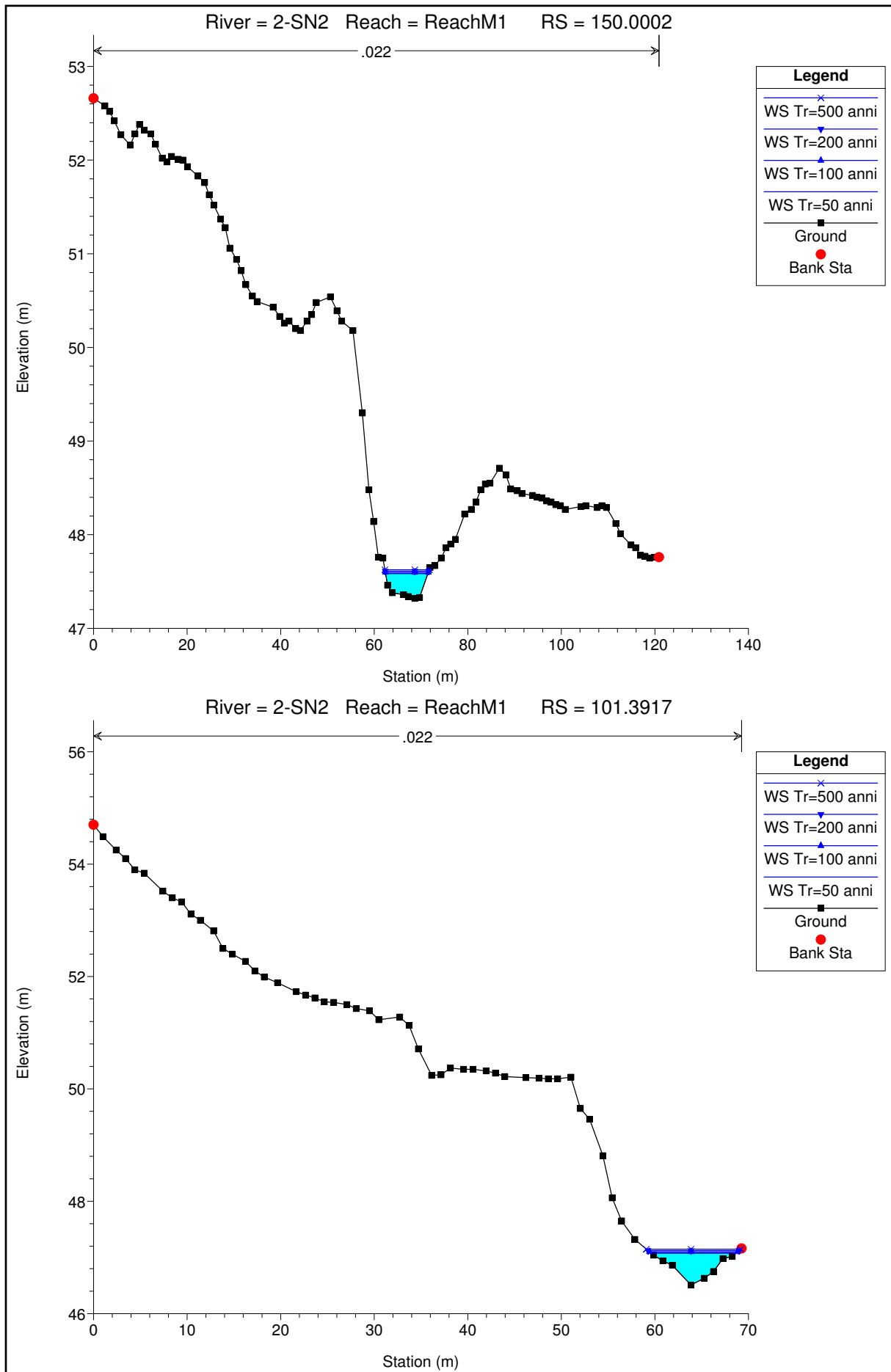
A - Bacino Sa Masa

tronco 2-SN2

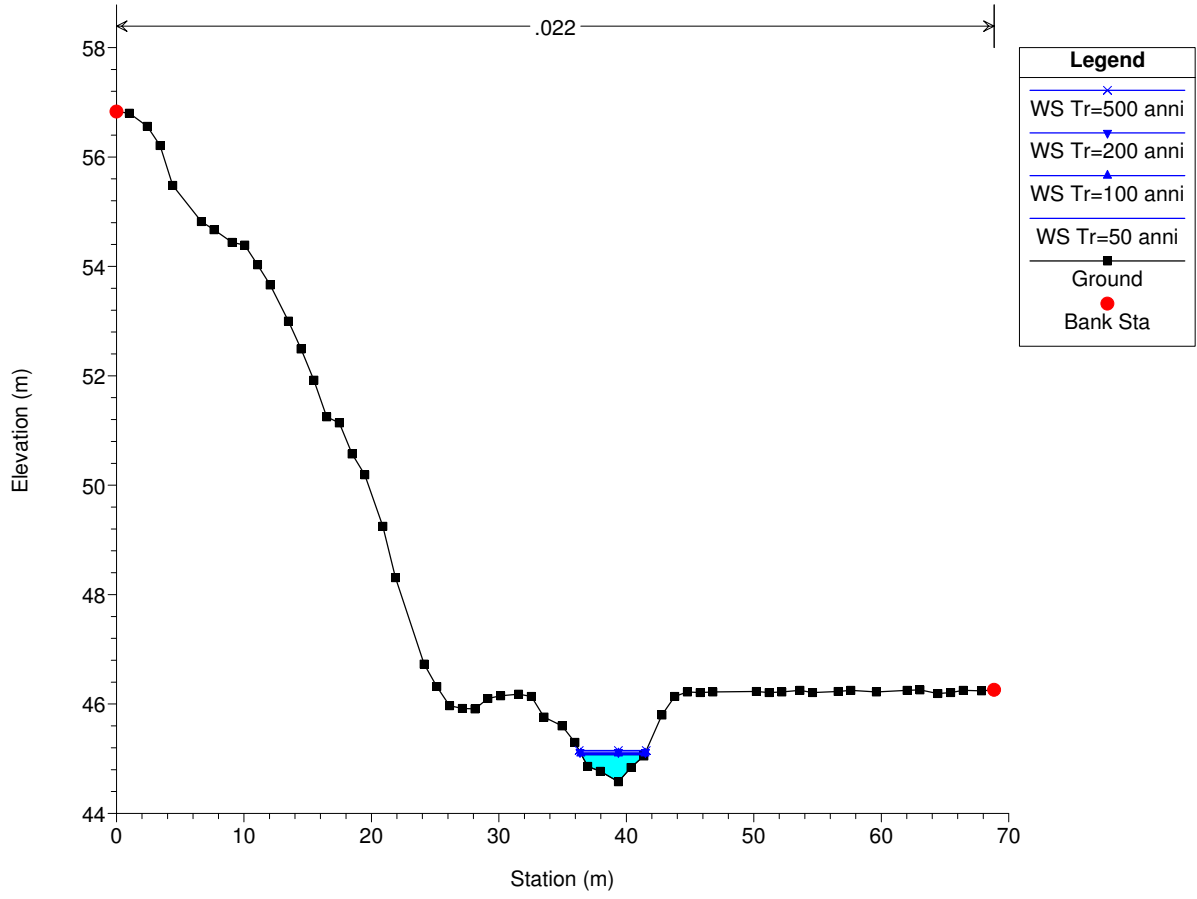


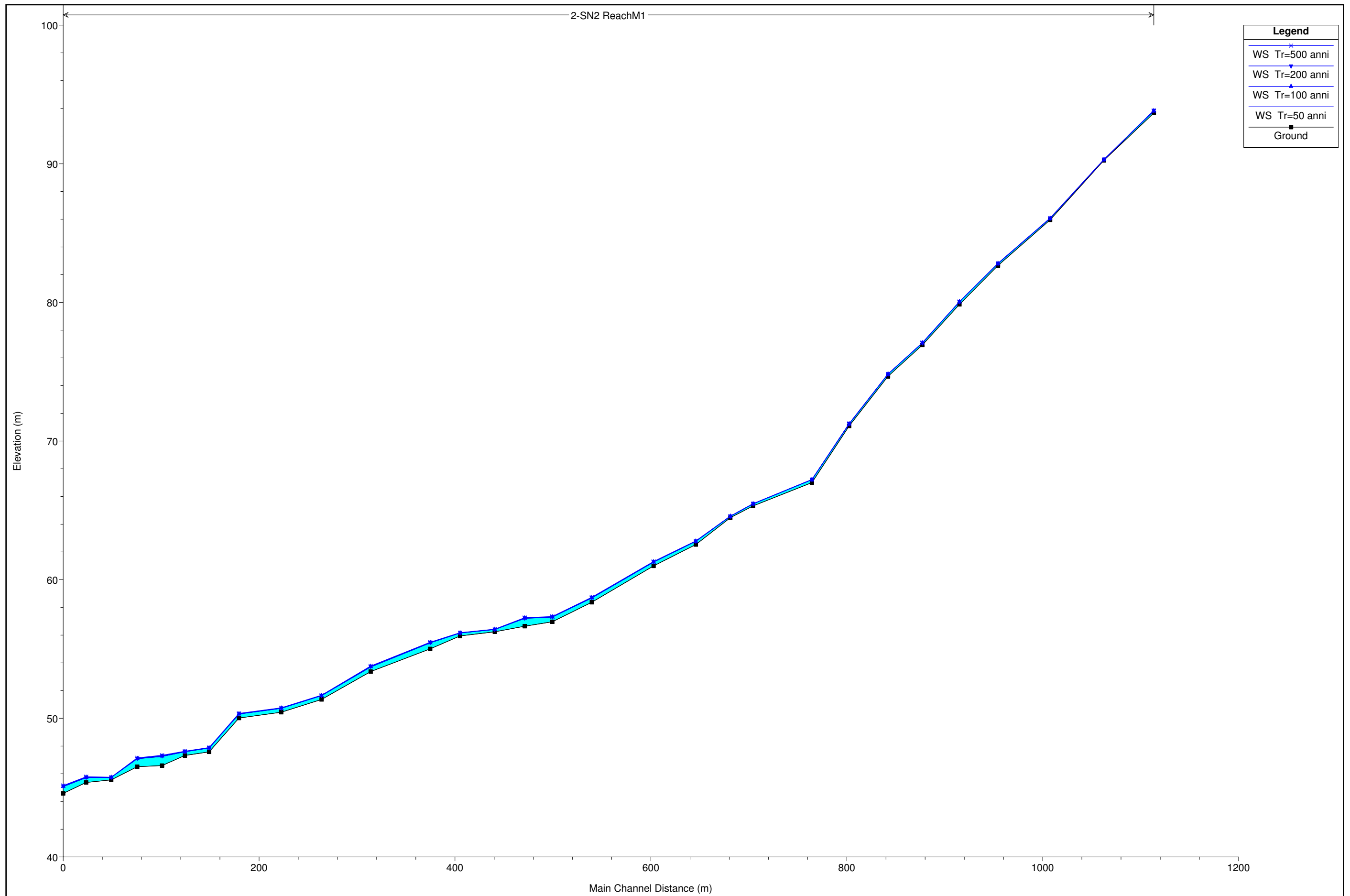






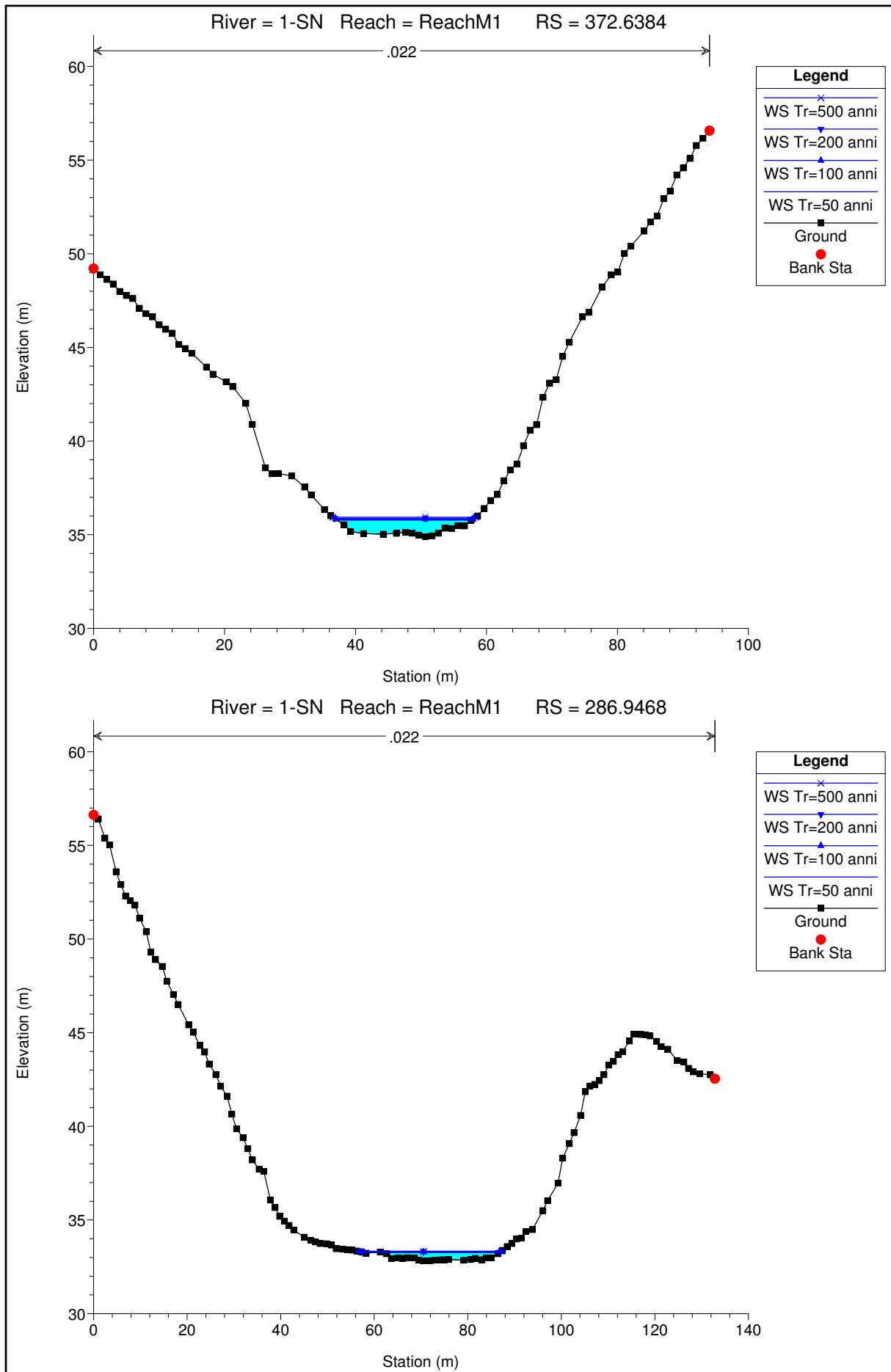
River = 2-SN2 Reach = ReachM1 RS = 25.77195

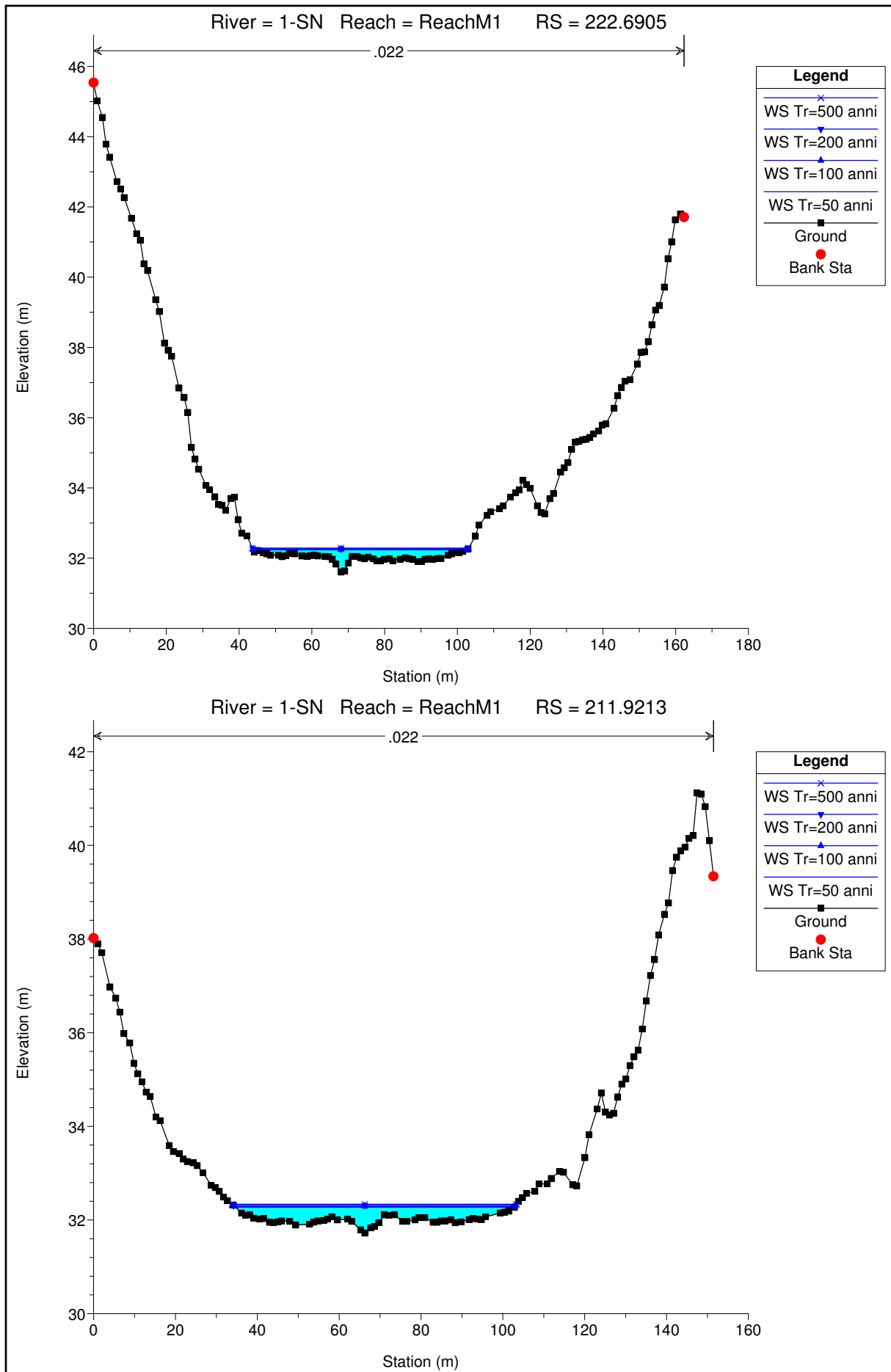


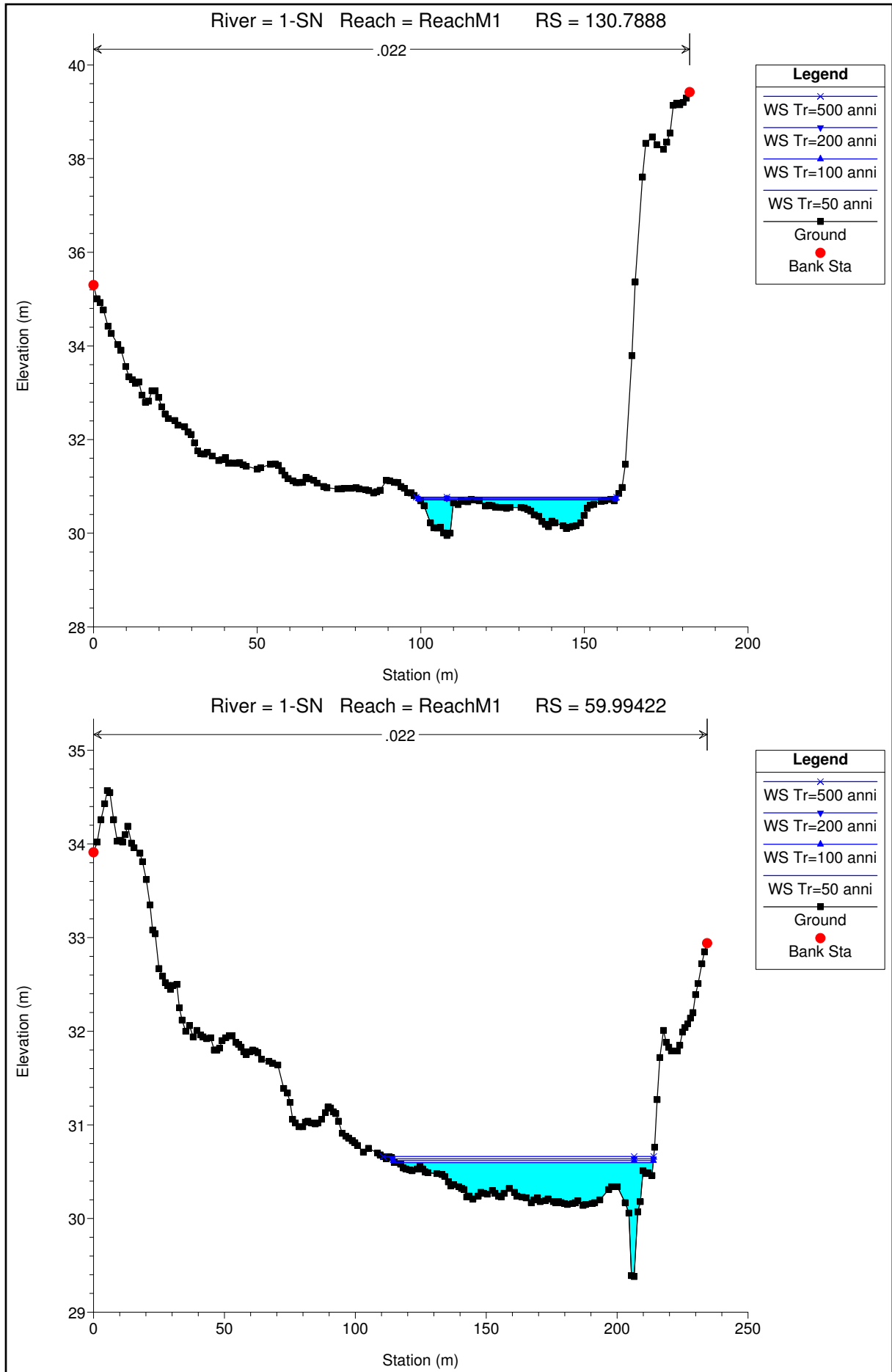


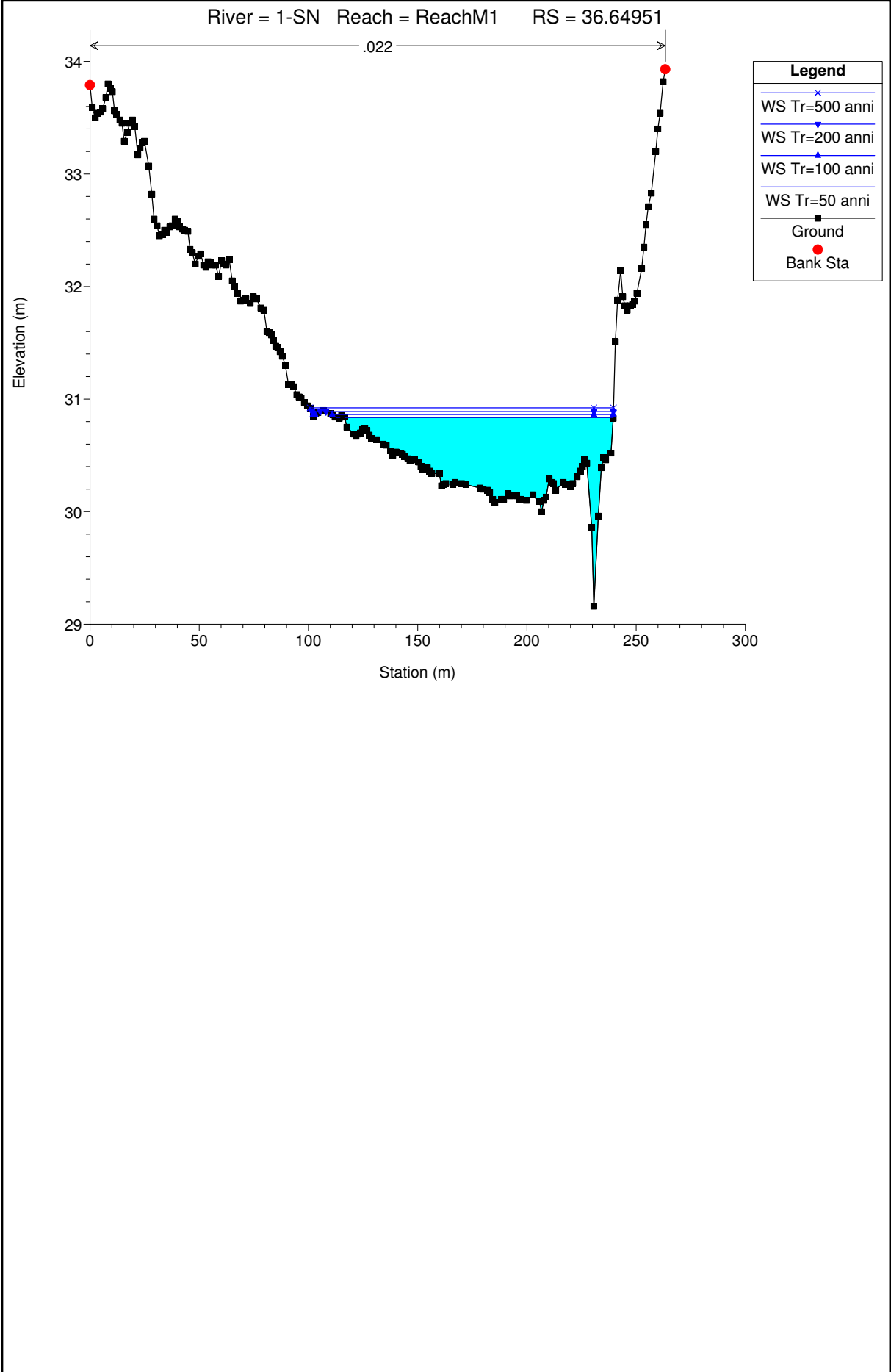
A - Bacino Sa Masa

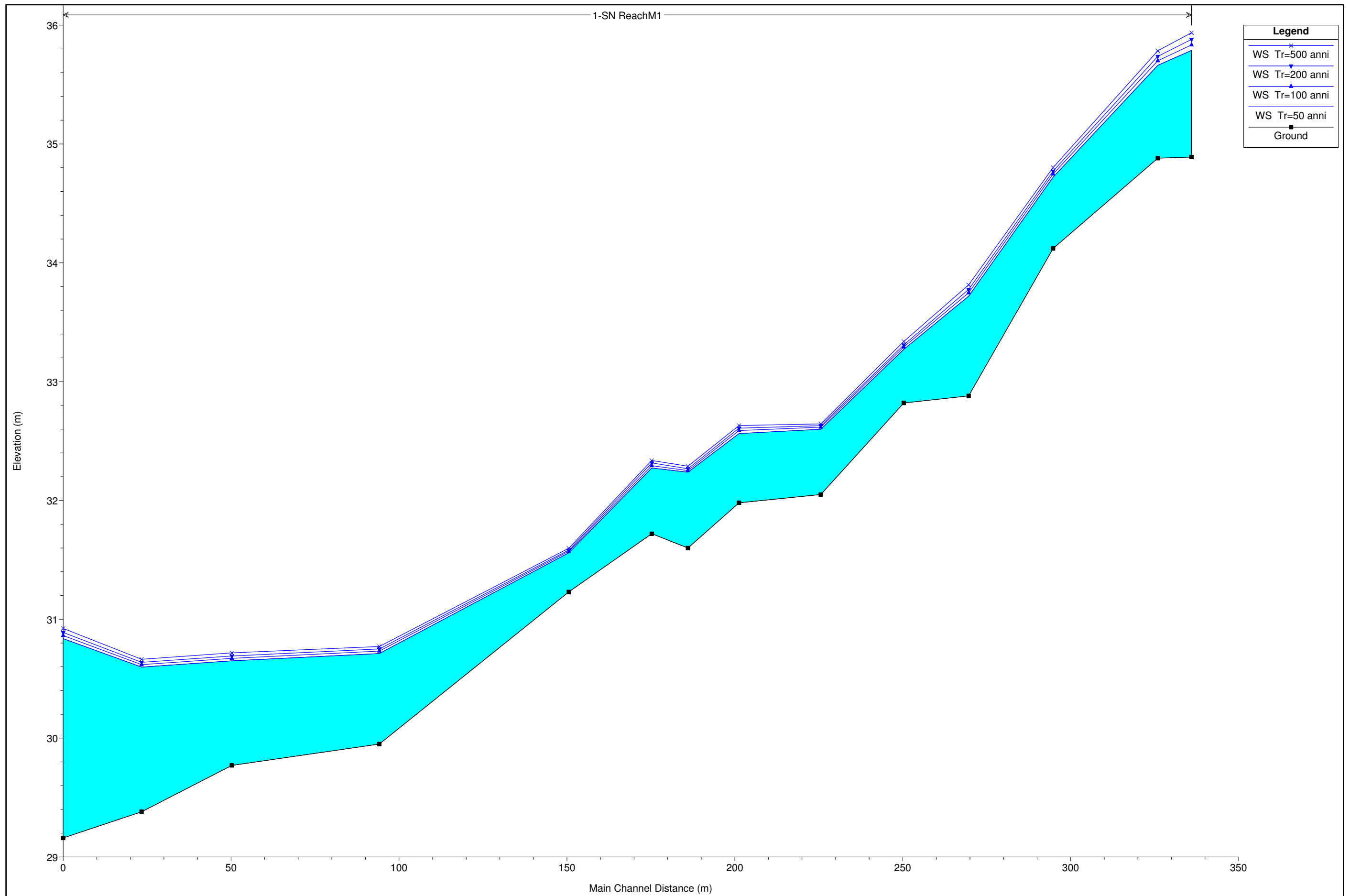
tronco 1-SN





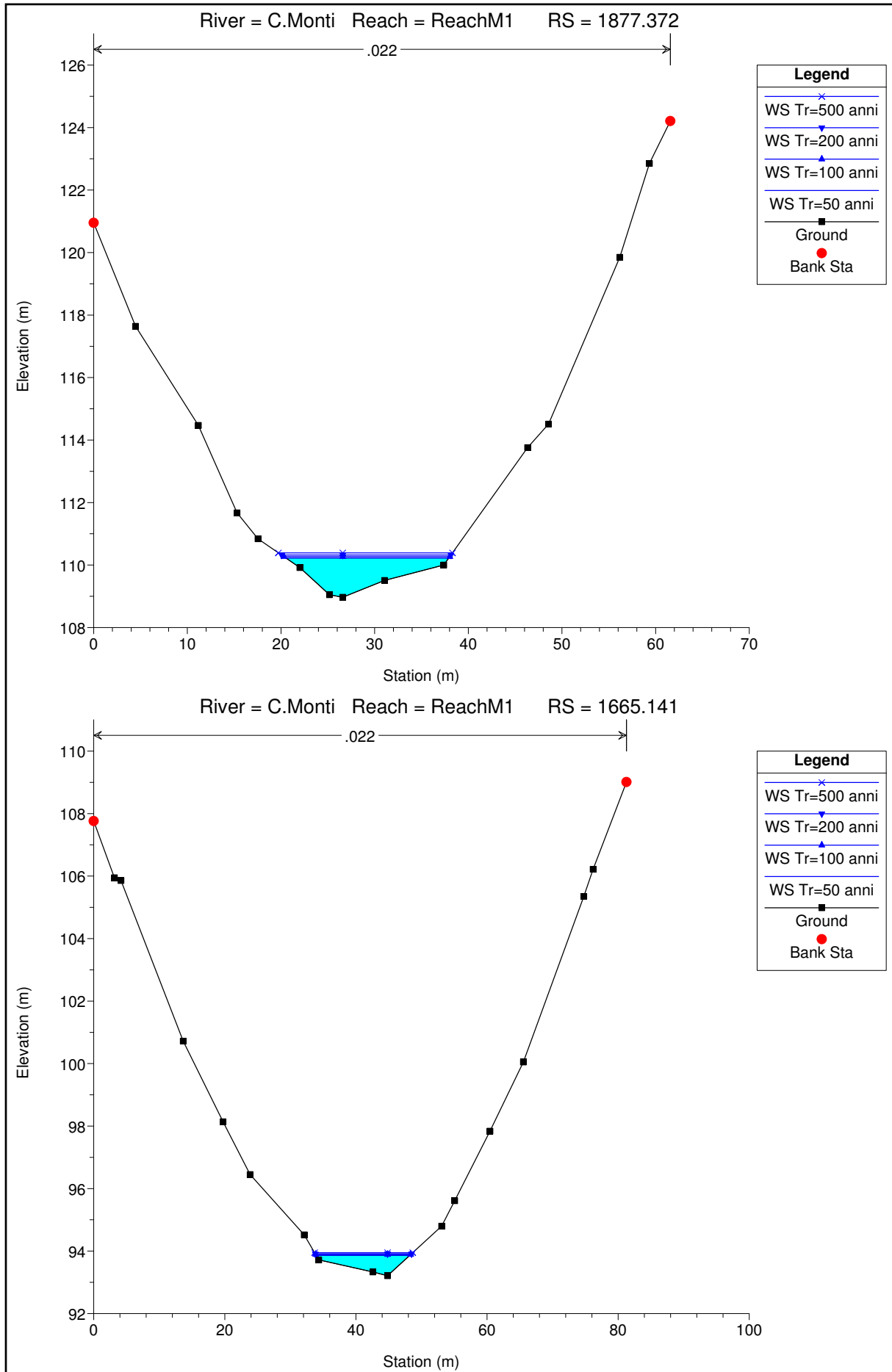


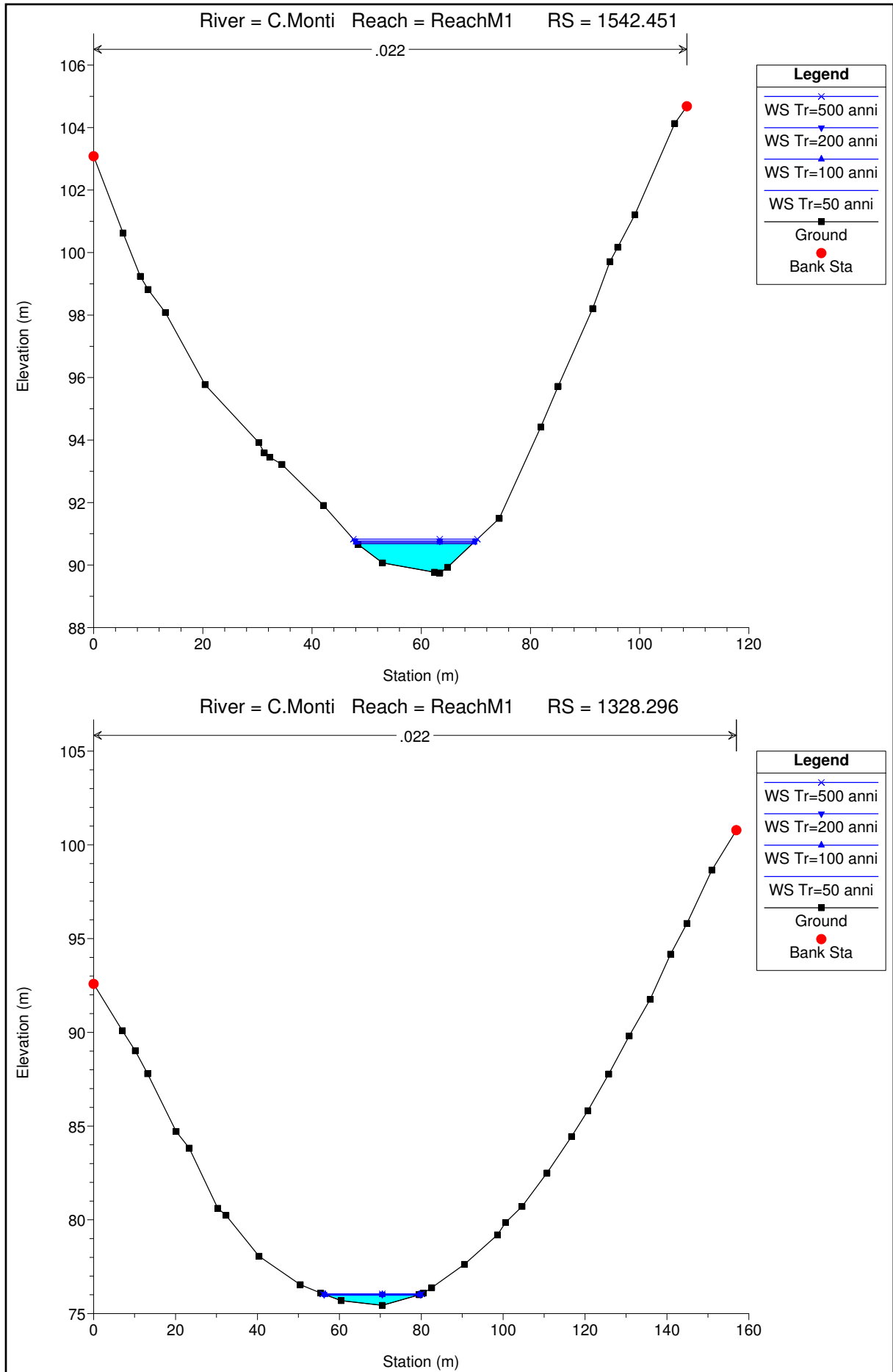


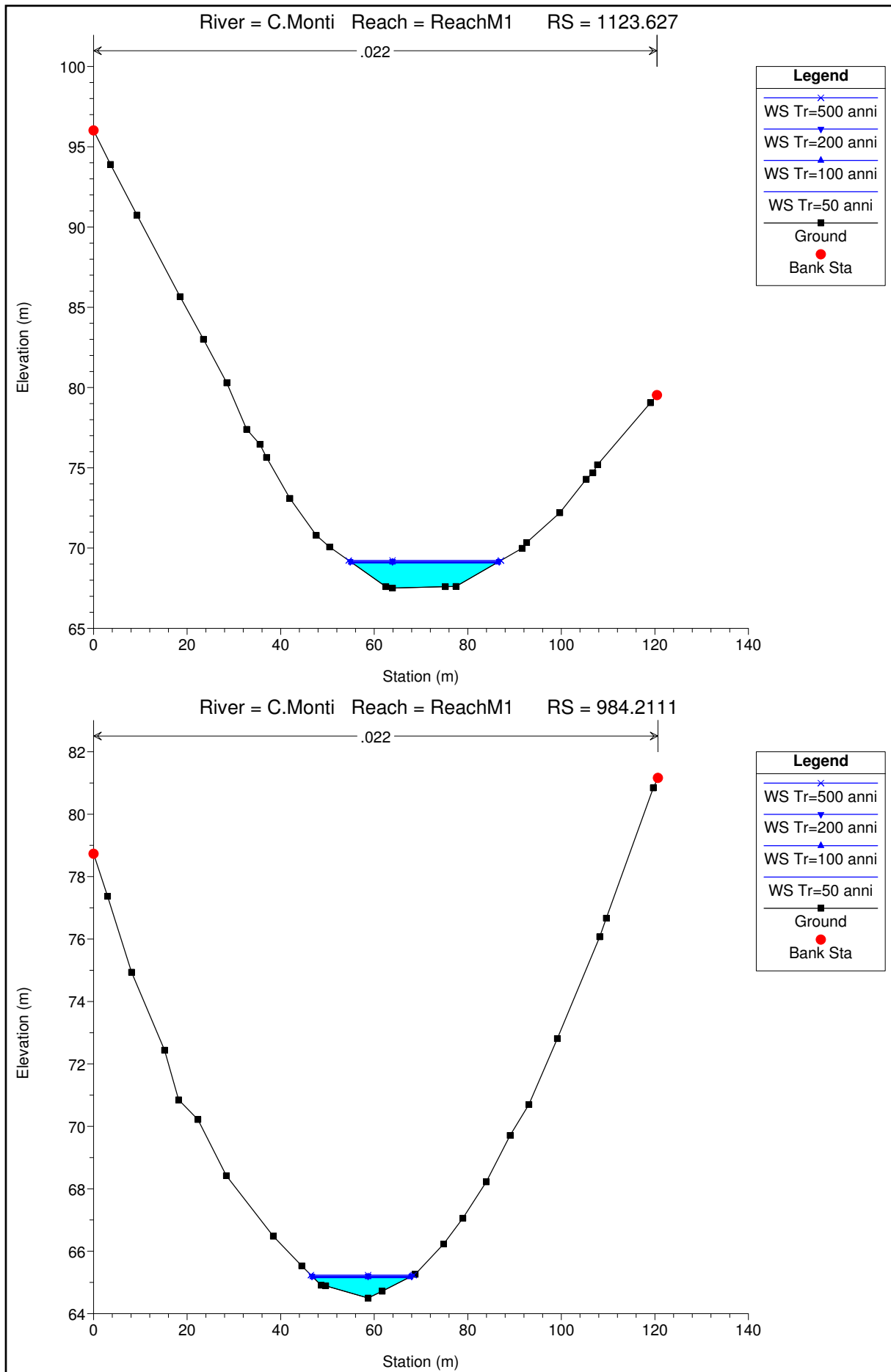


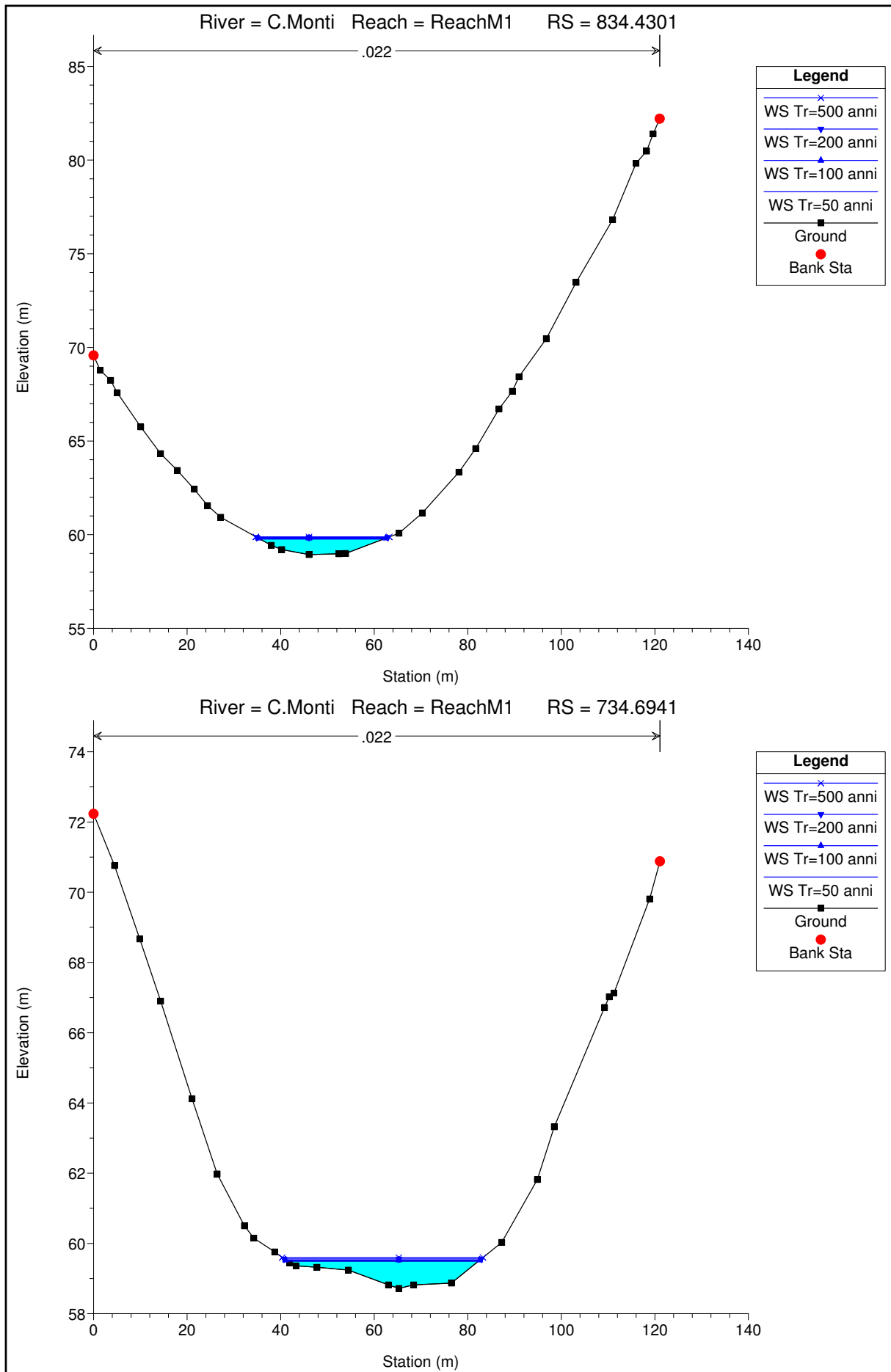
A - Bacino Sa Masa

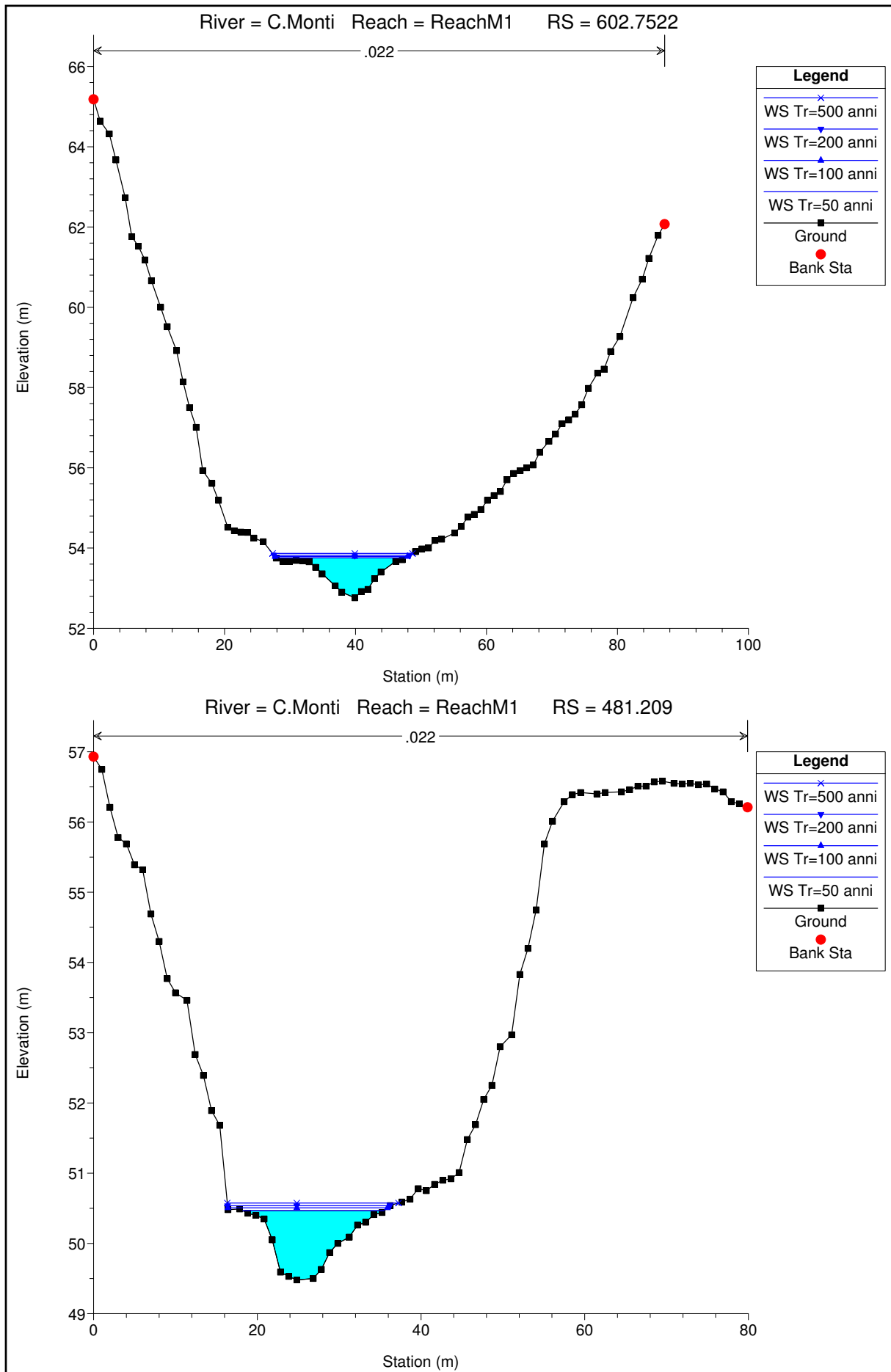
Canale Monti

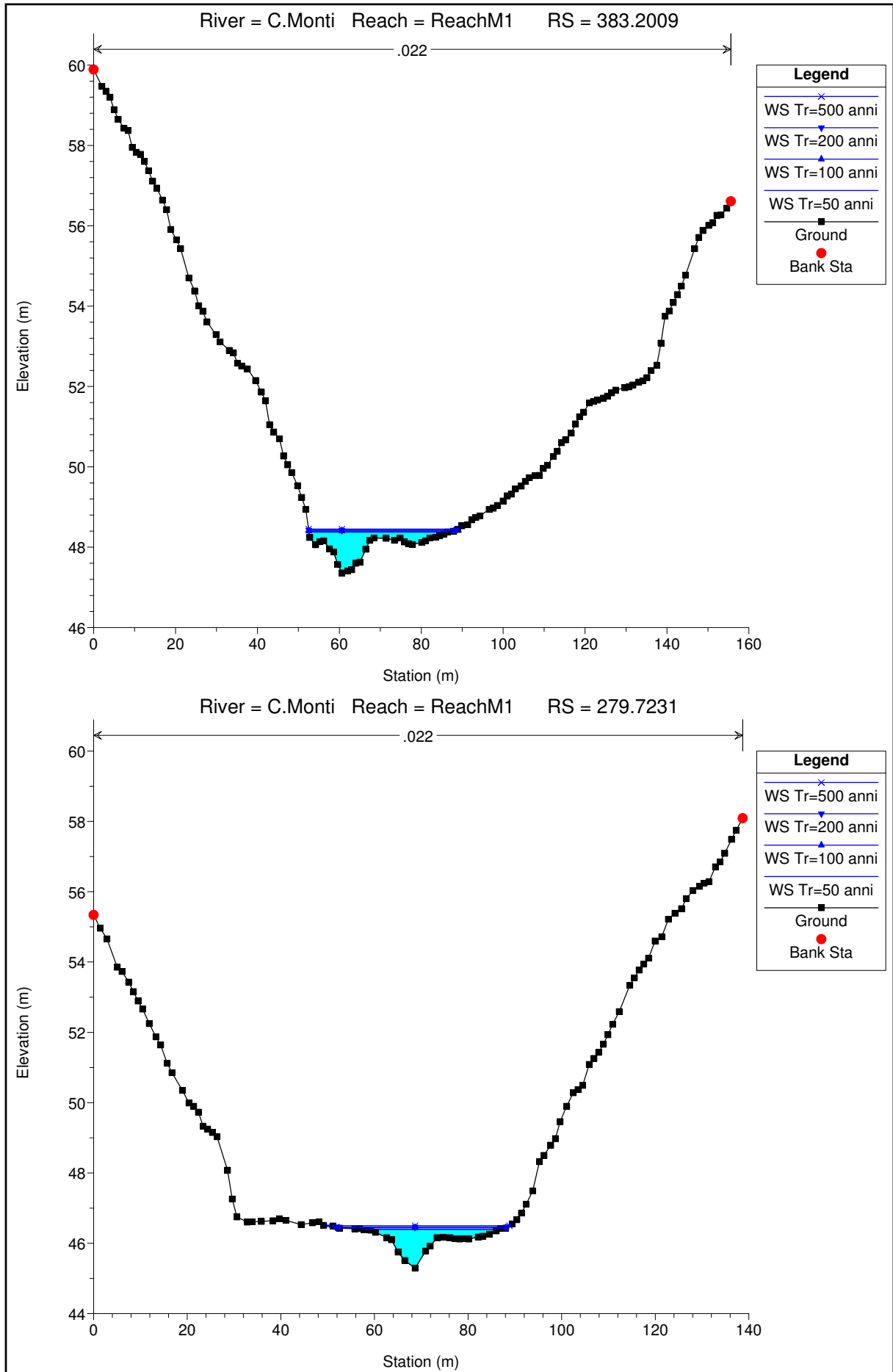


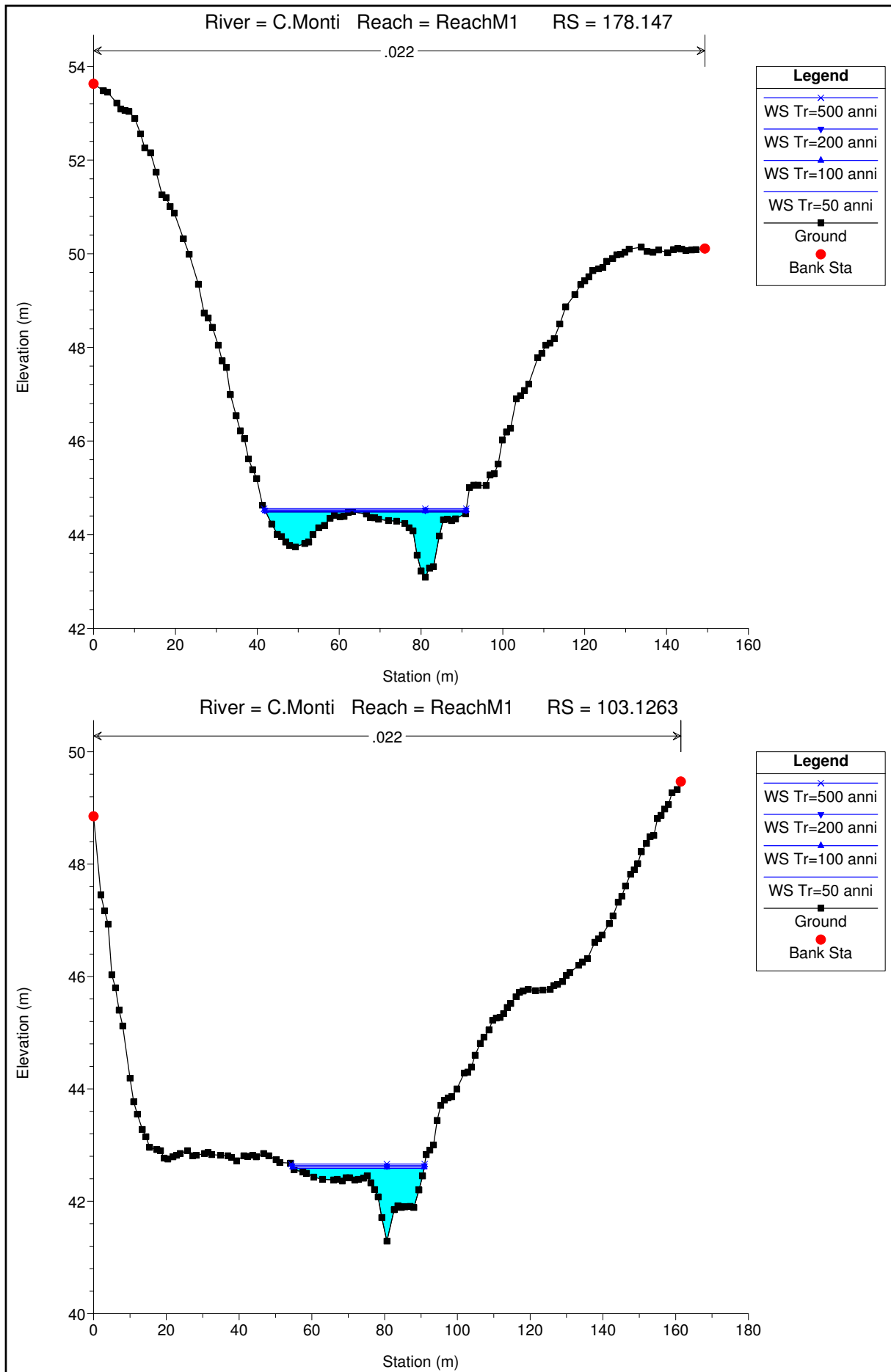


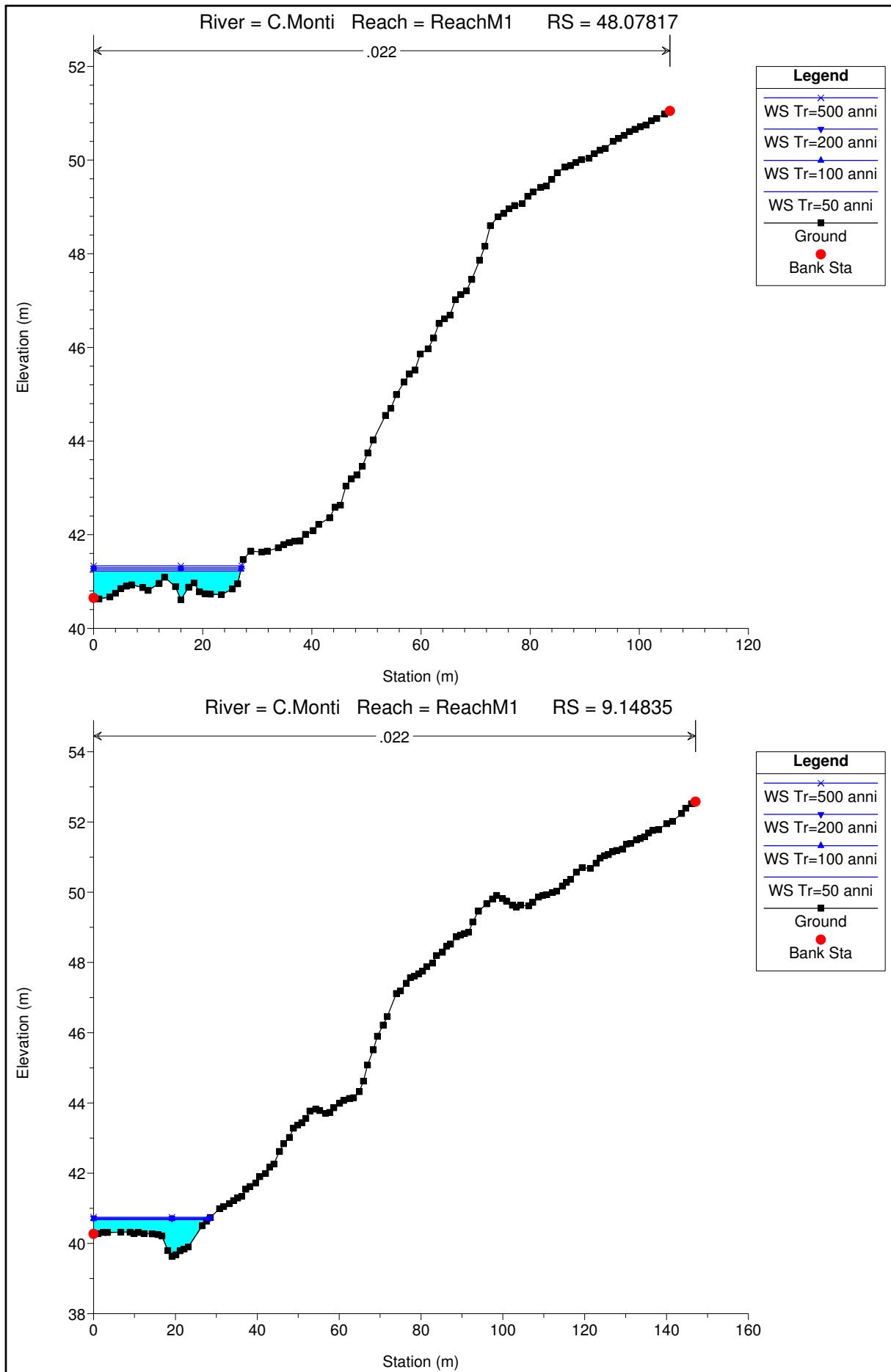


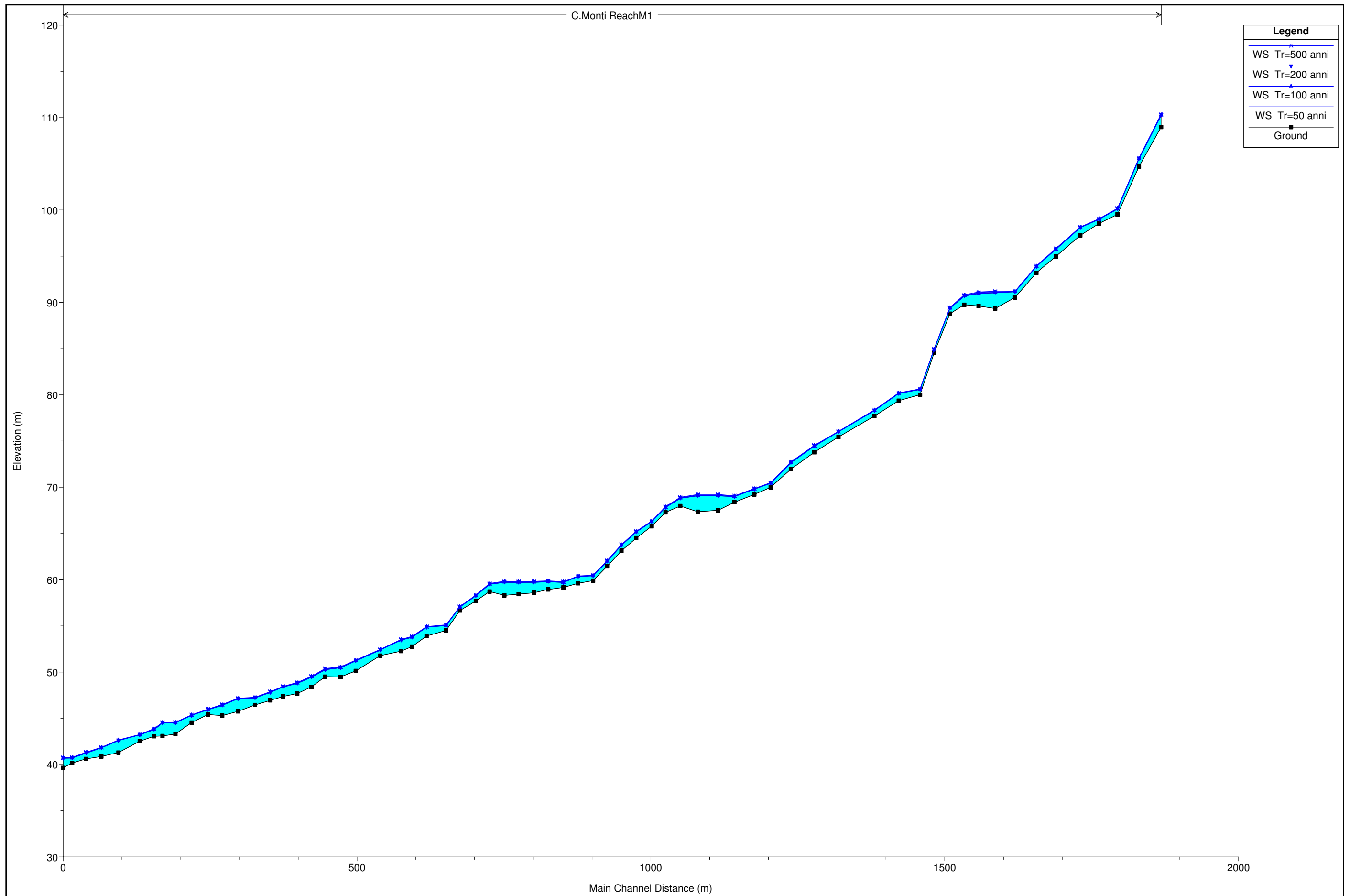






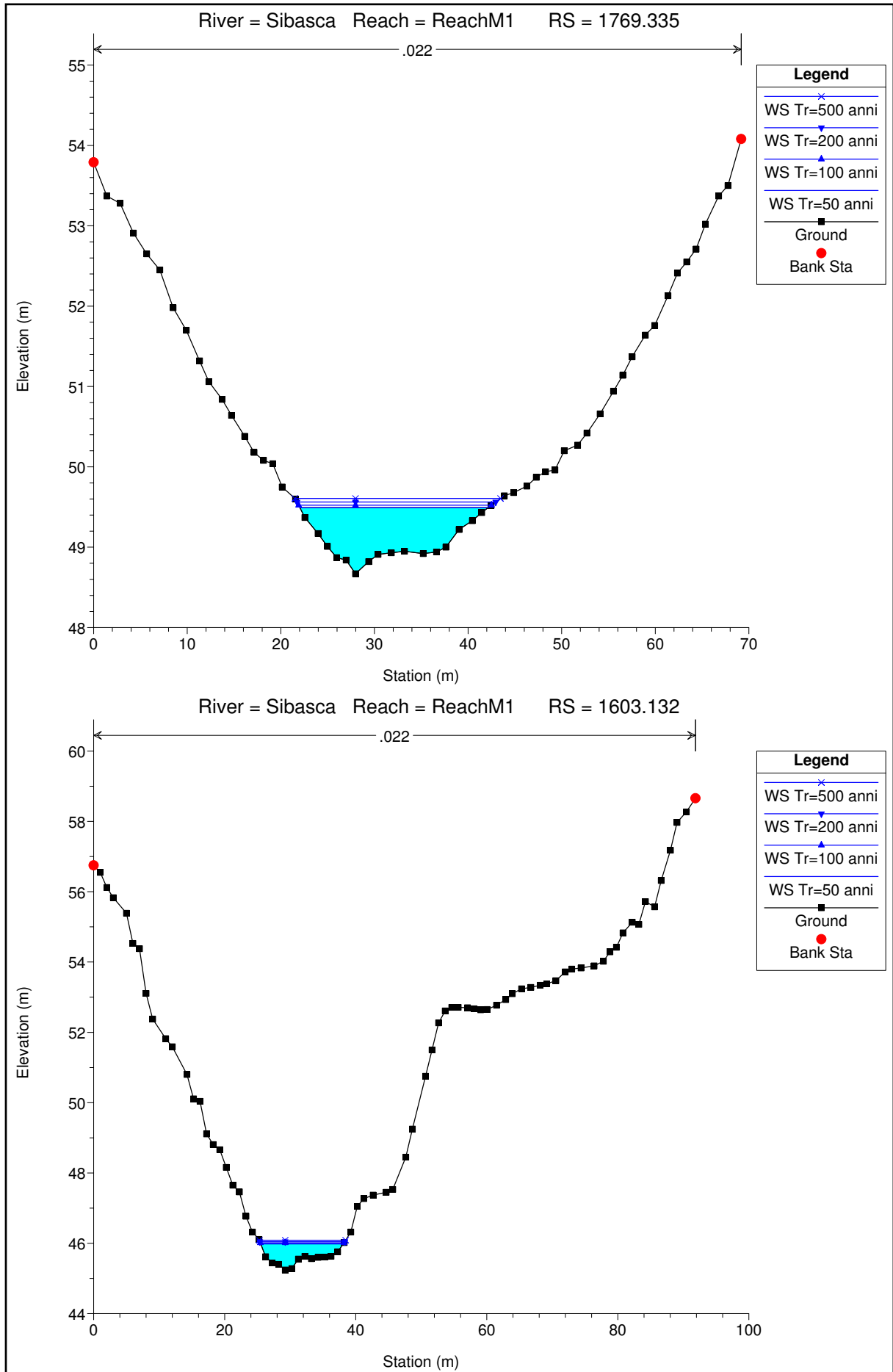


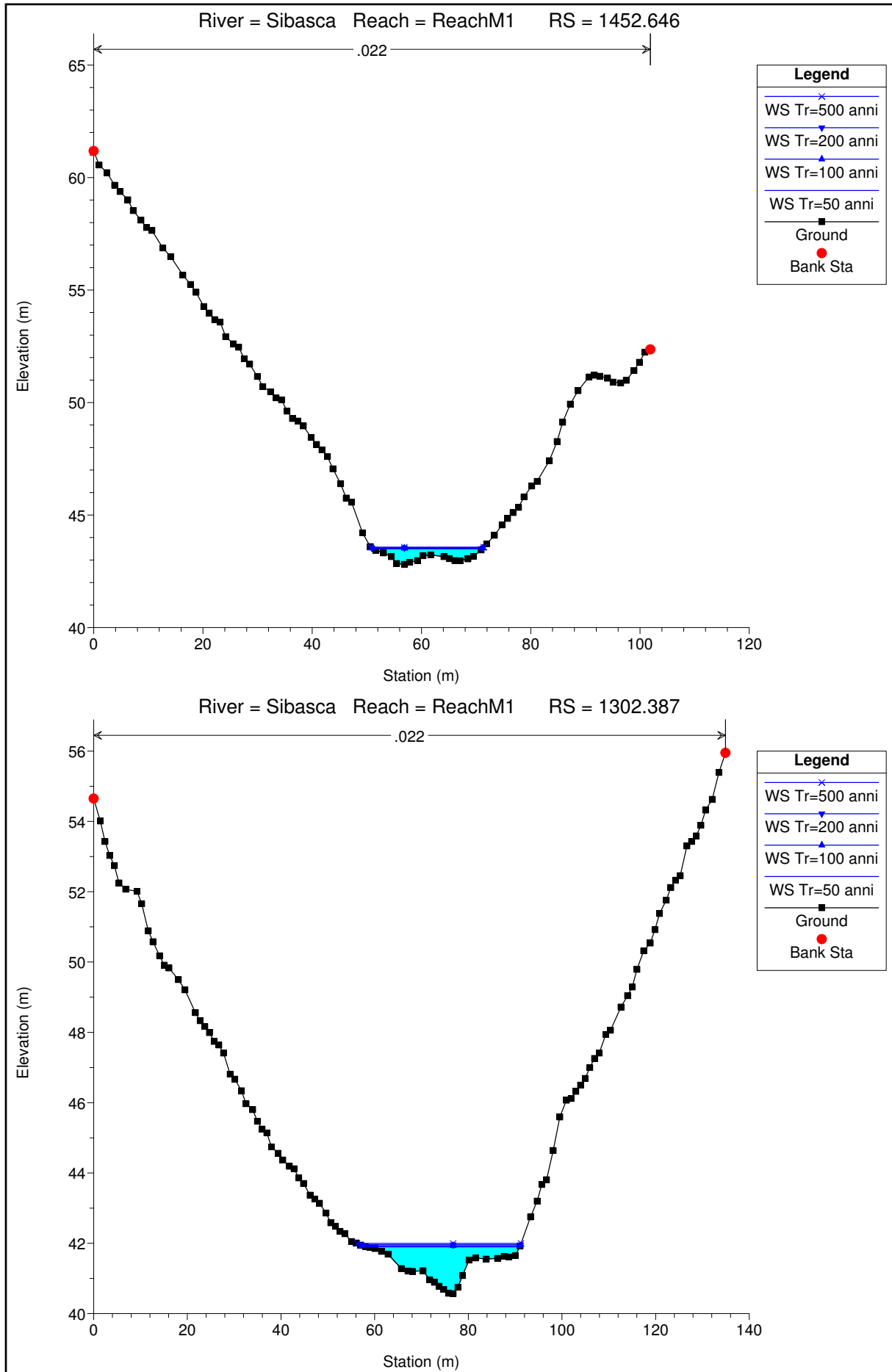


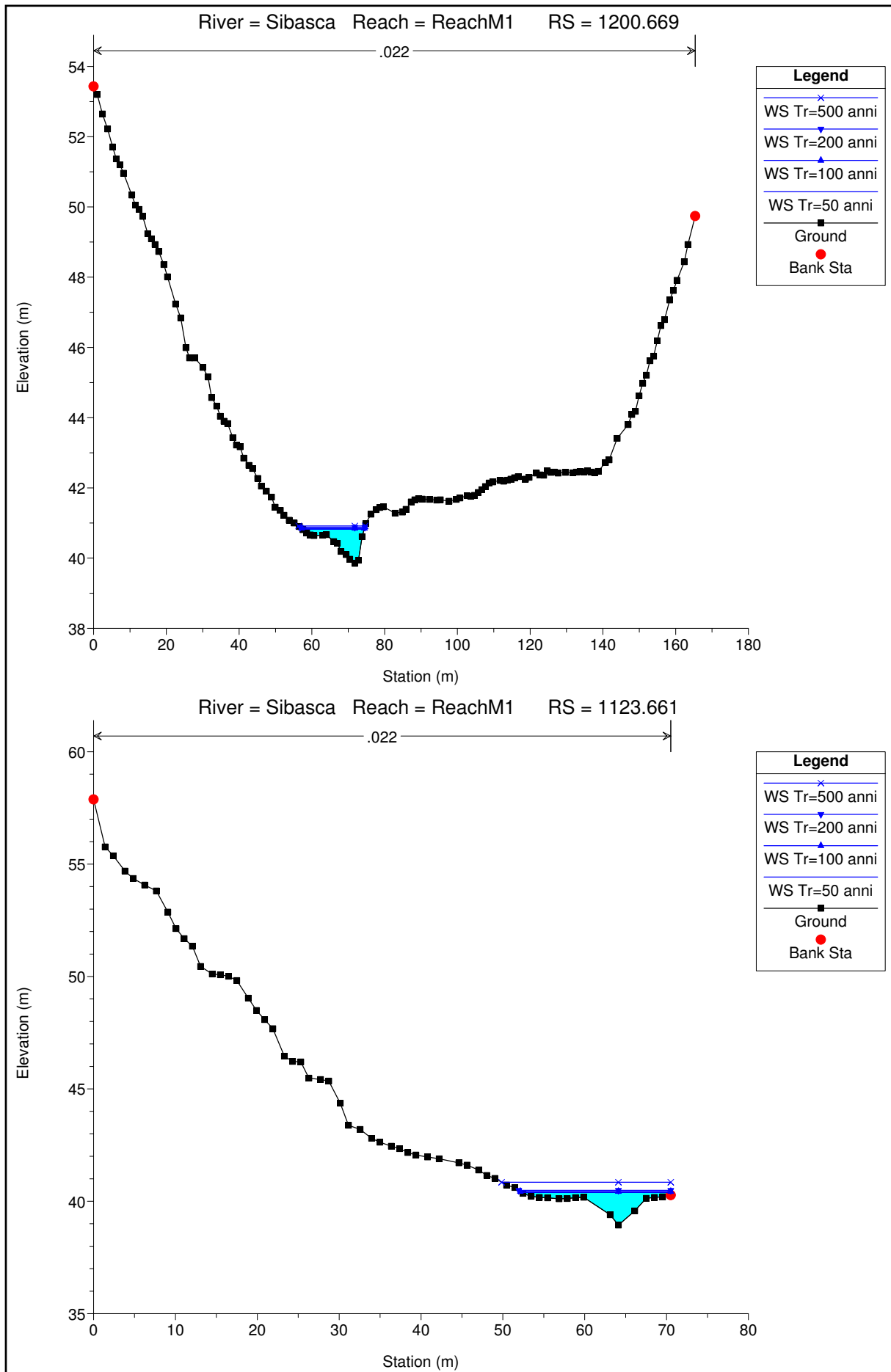


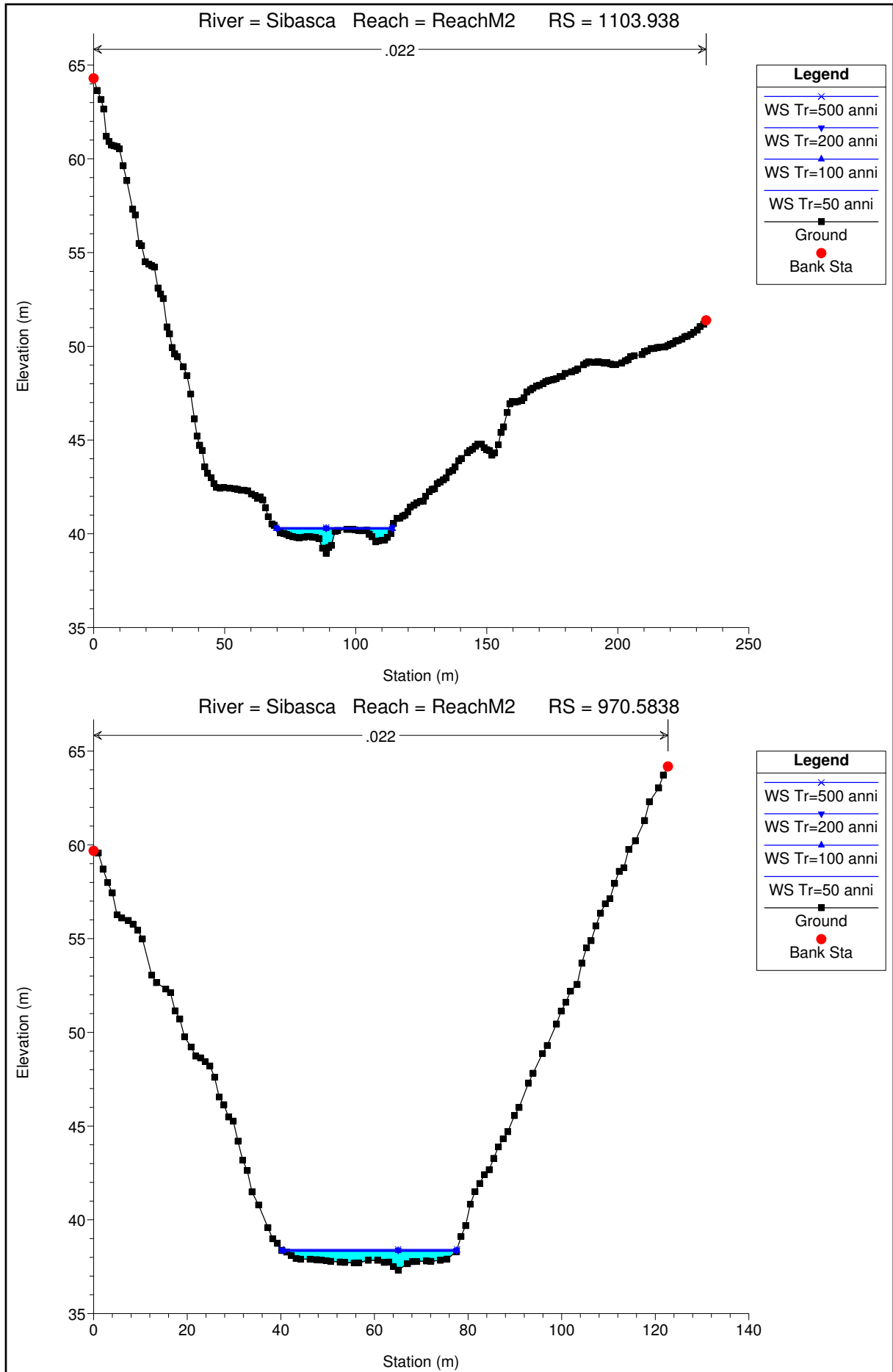
A - Bacino Sa Masa

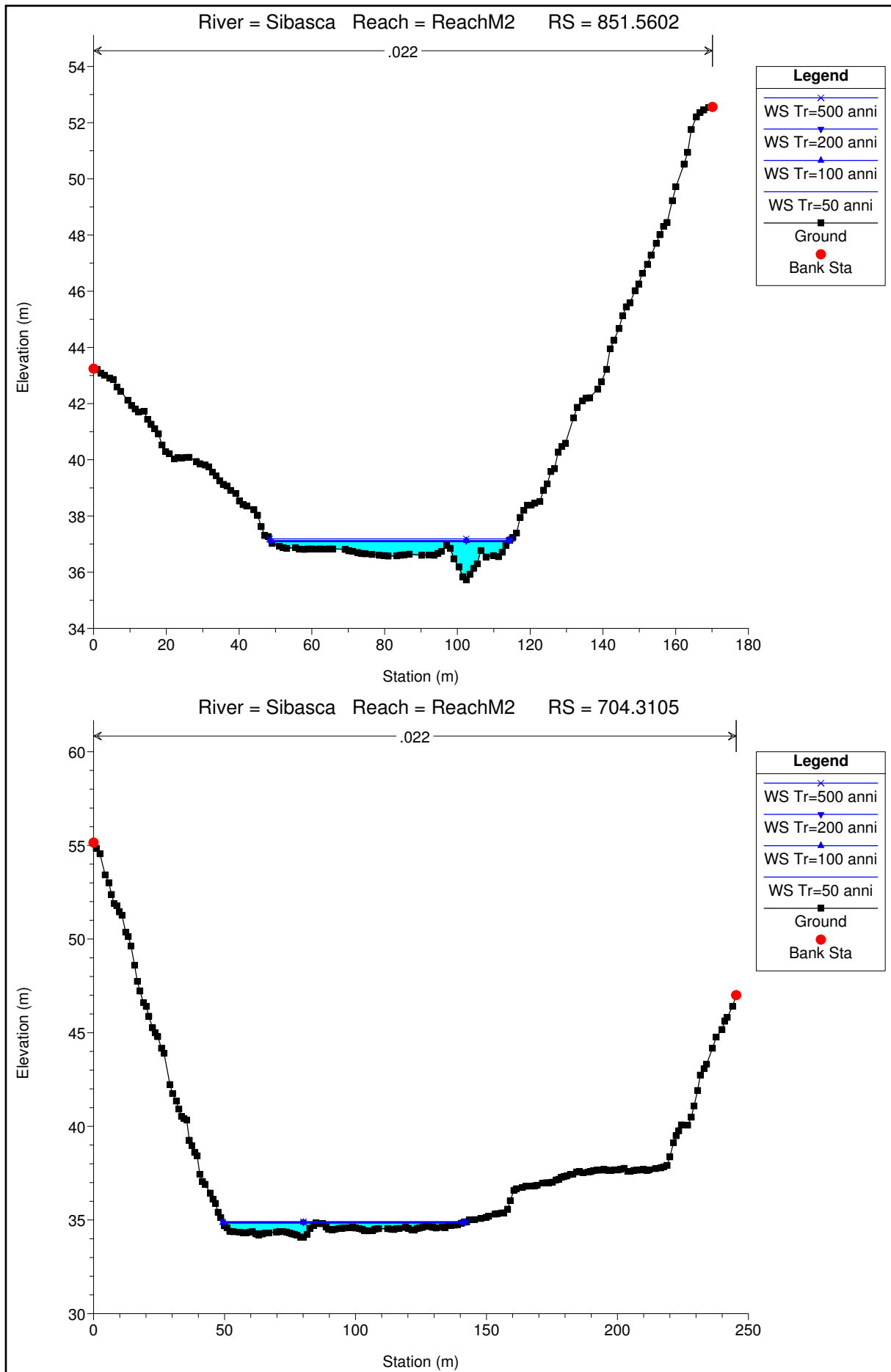
Rio Sibasca

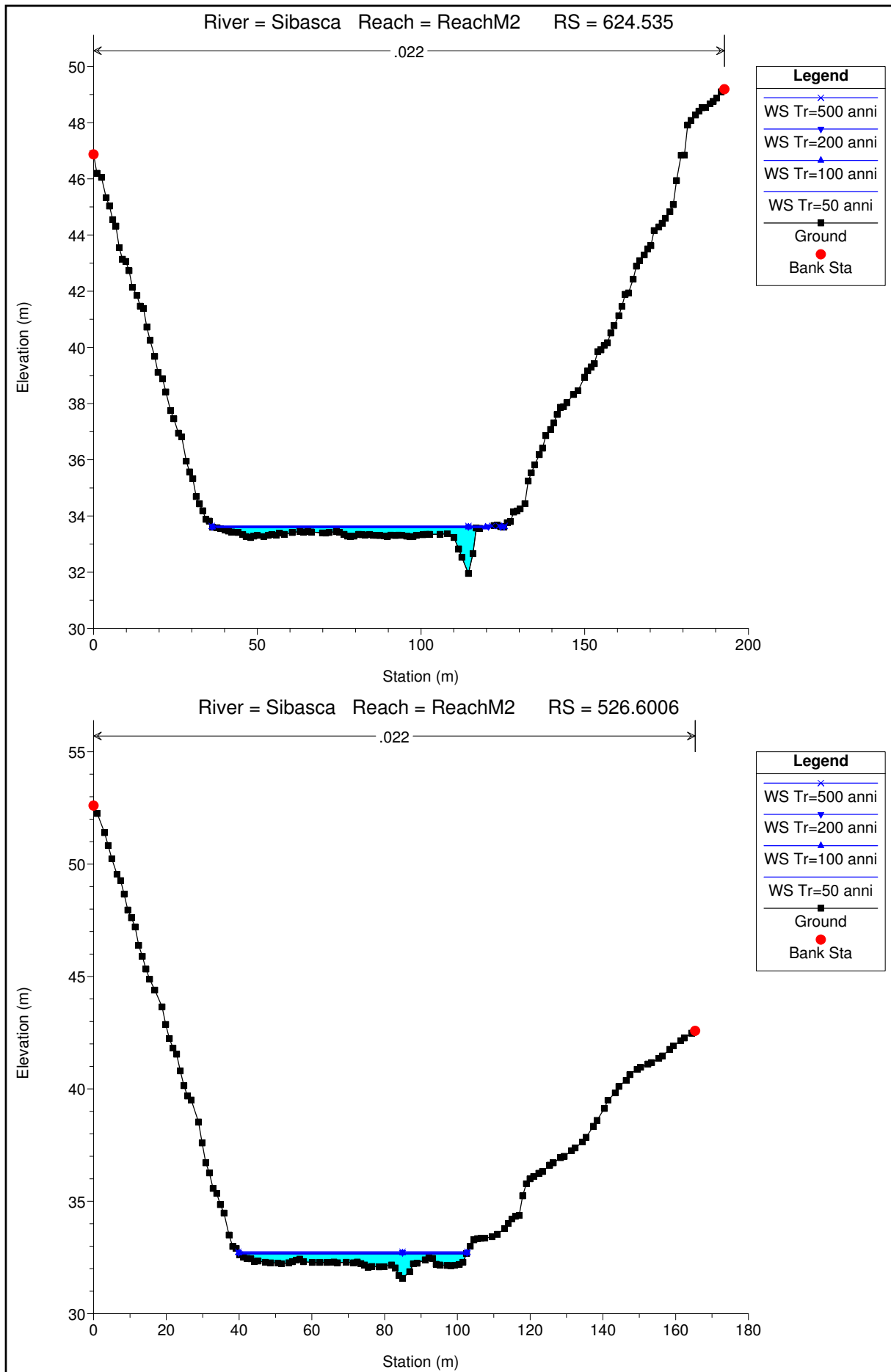


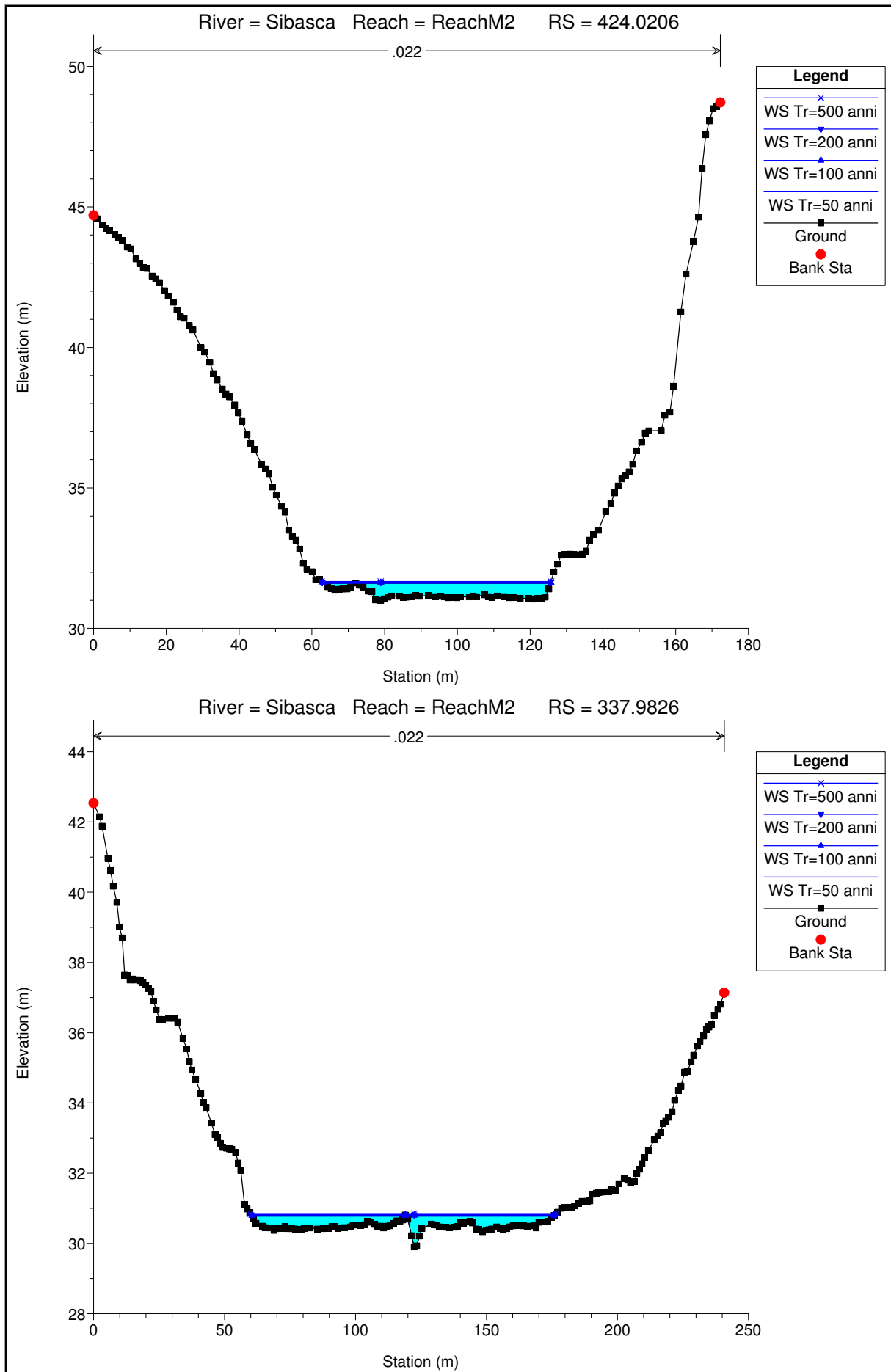


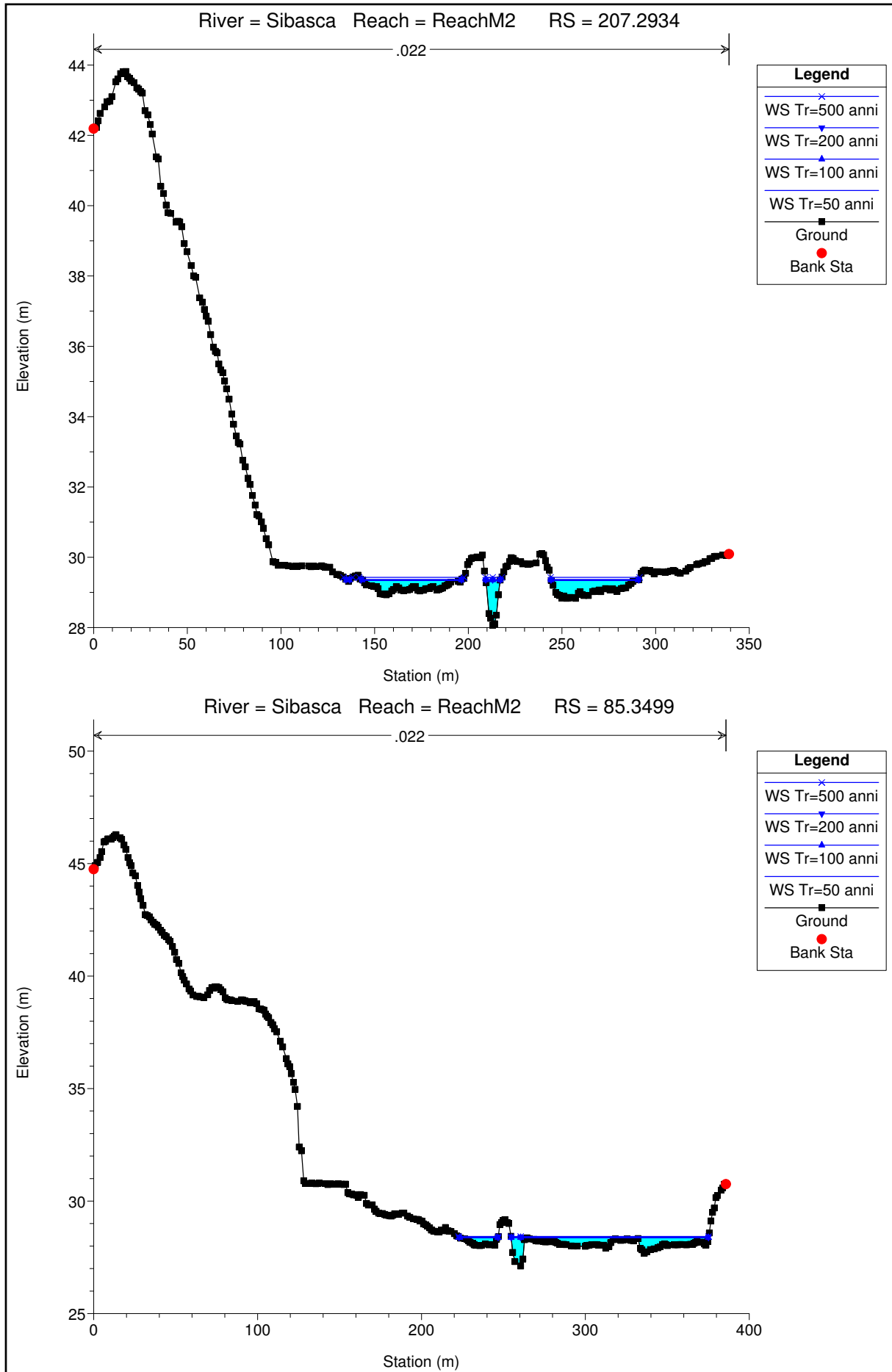


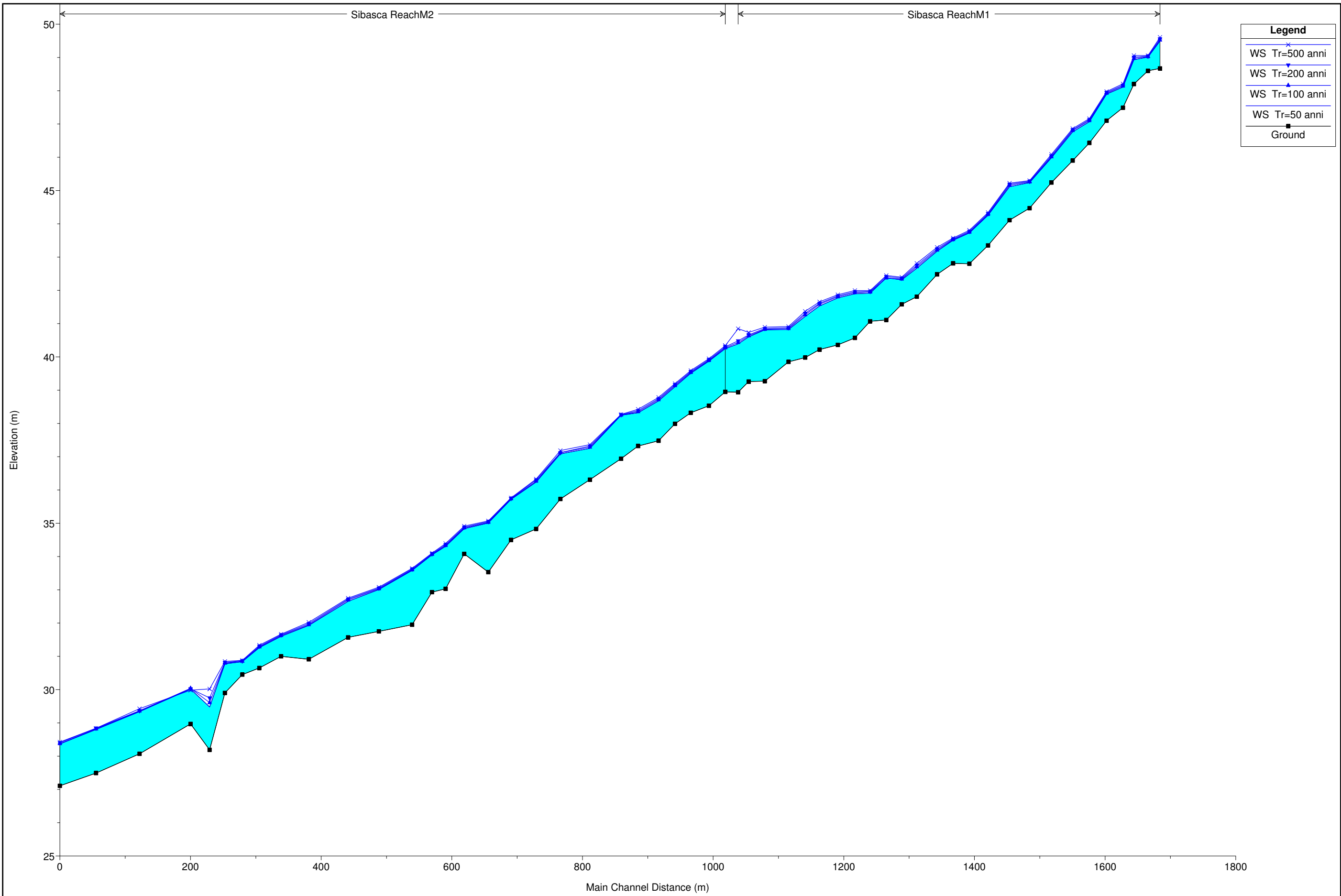






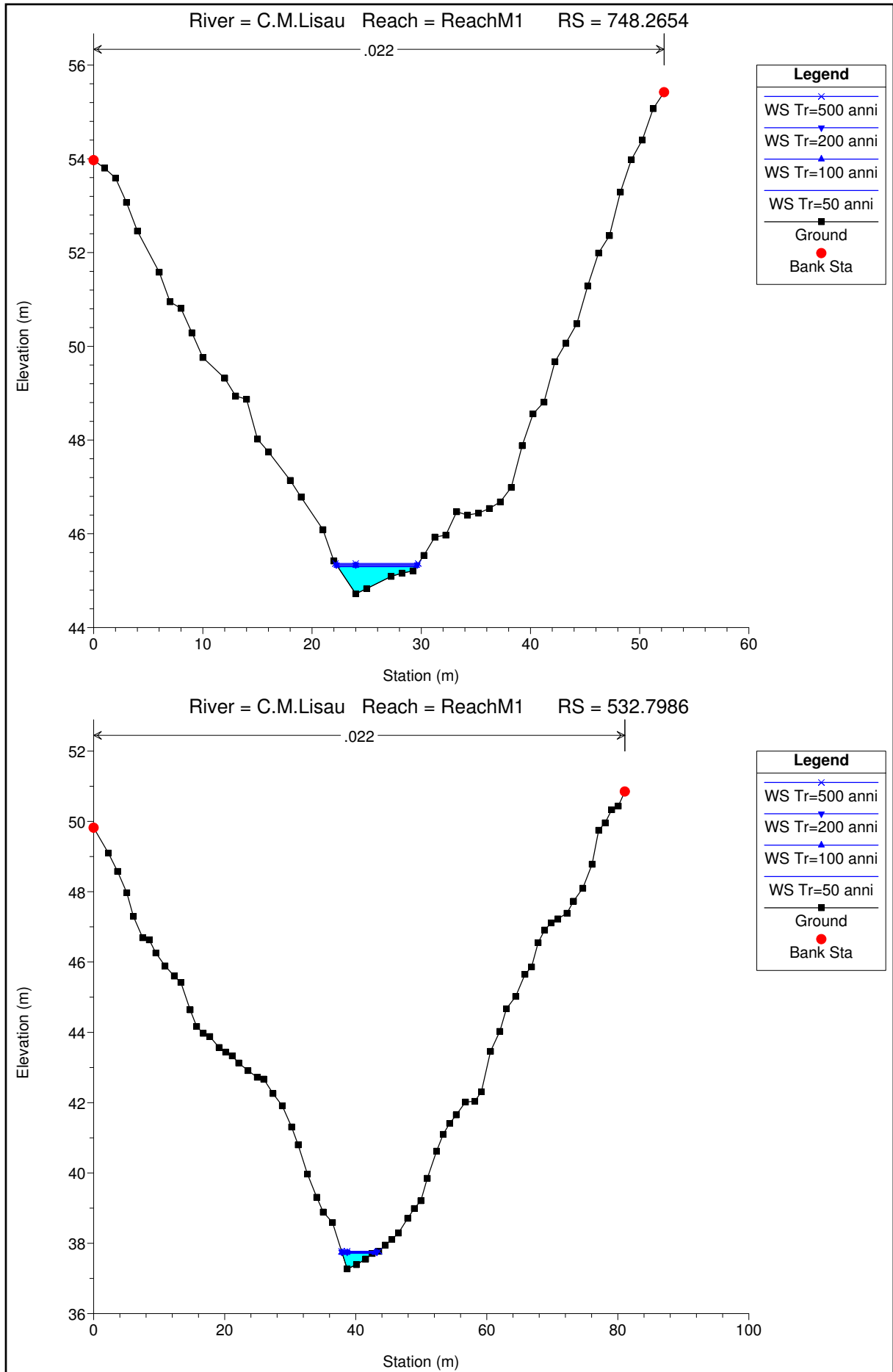


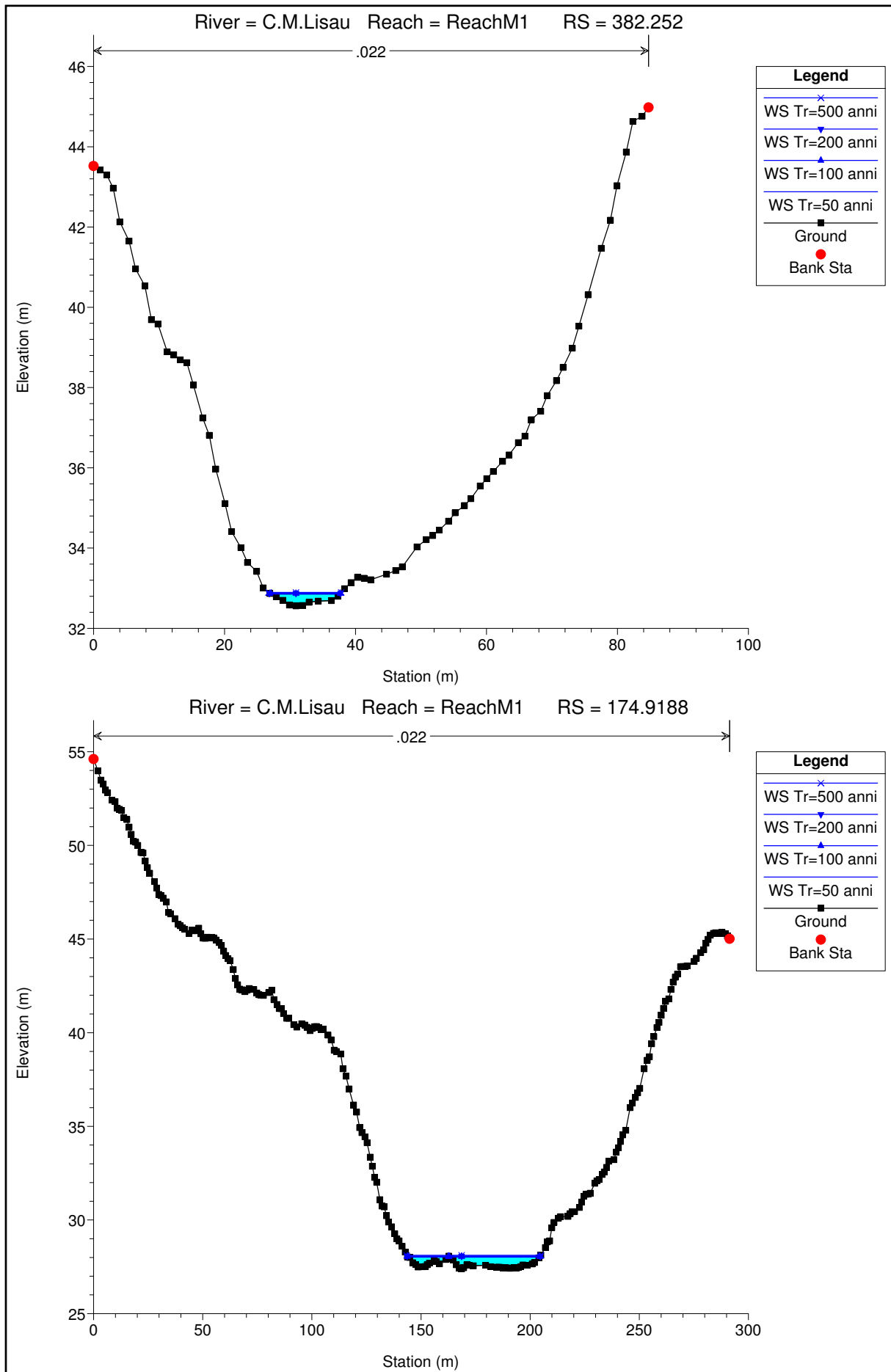


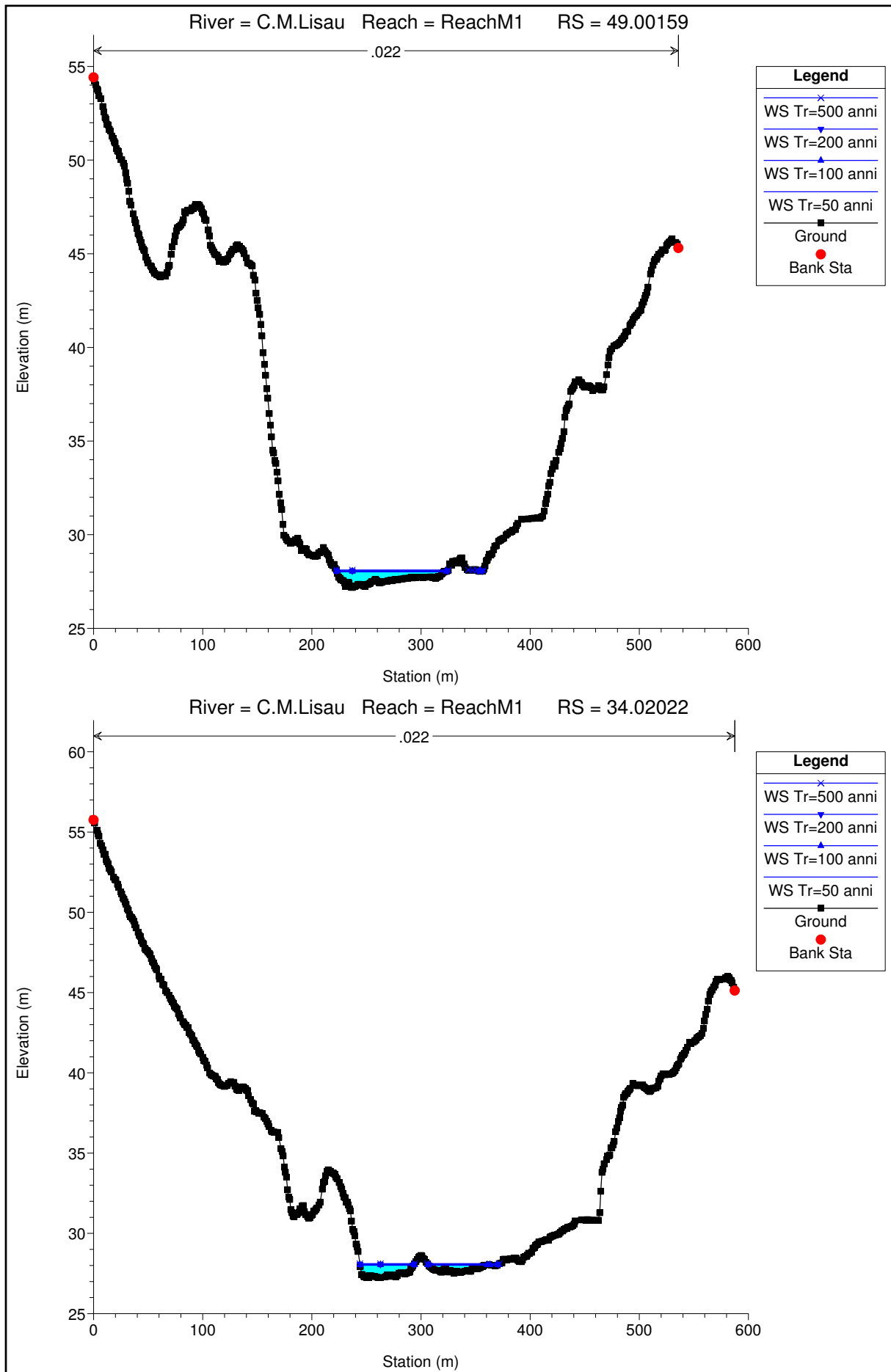


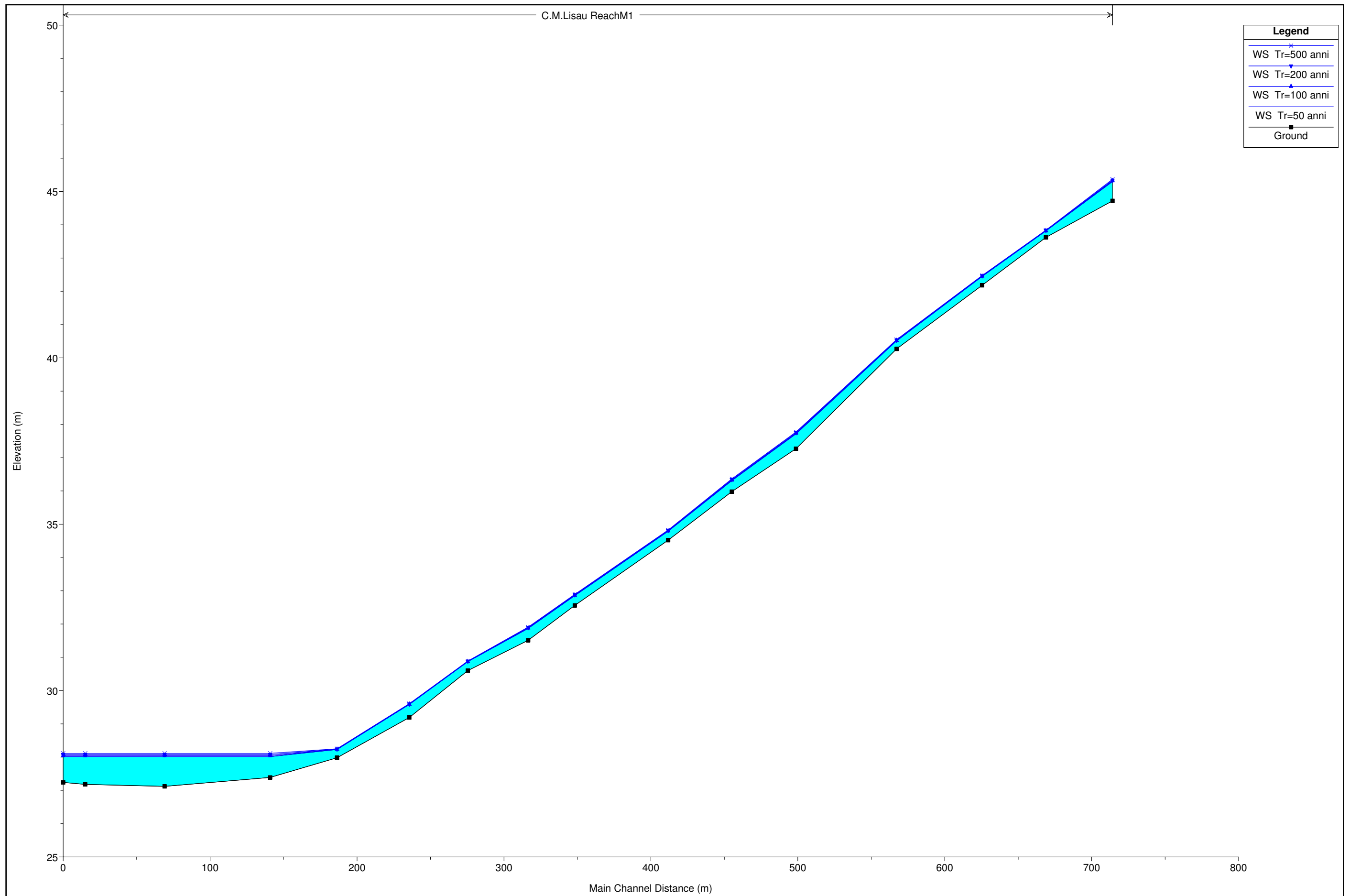
A - Bacino Sa Masa

Canale Monte Lisau



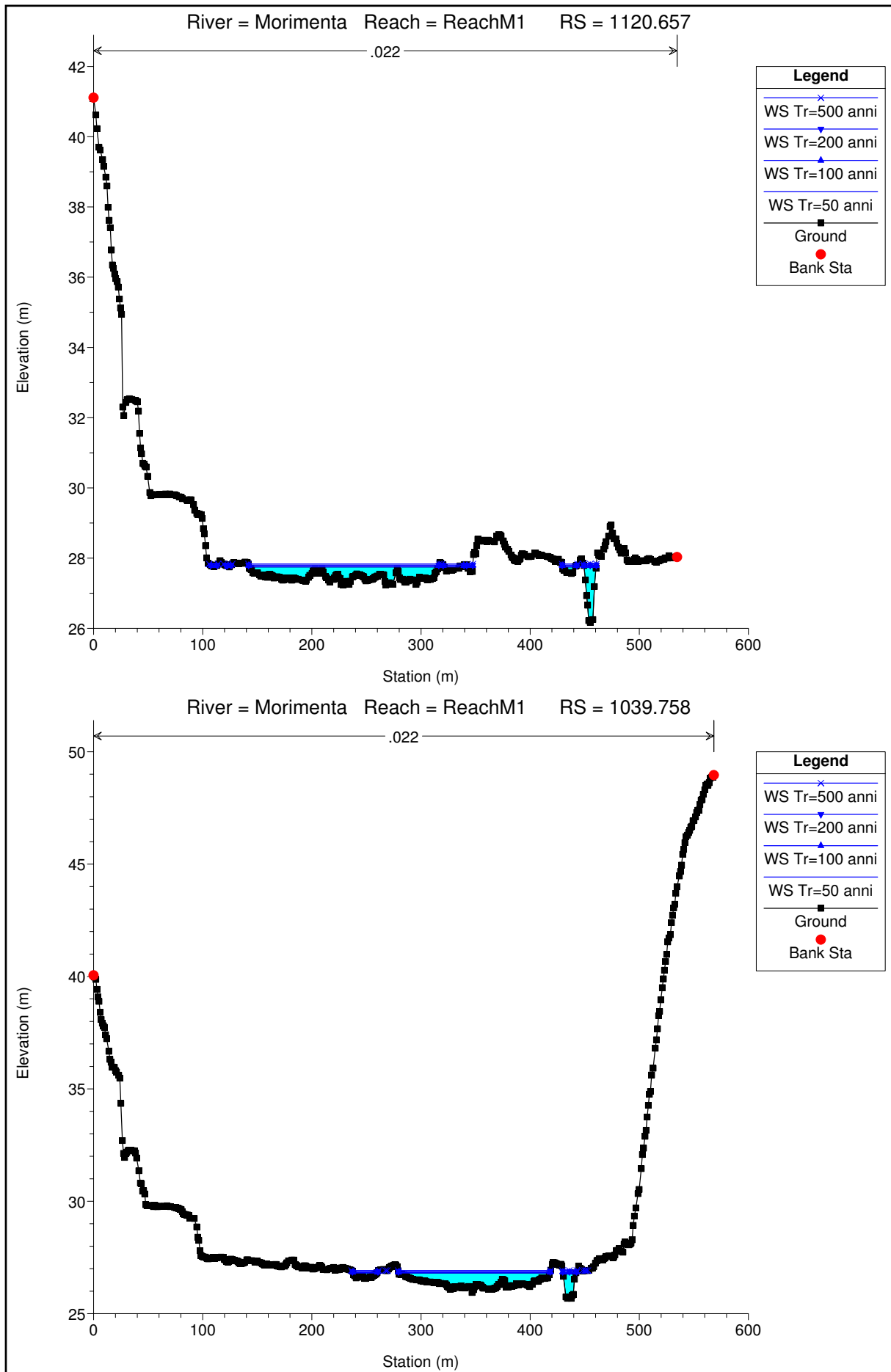


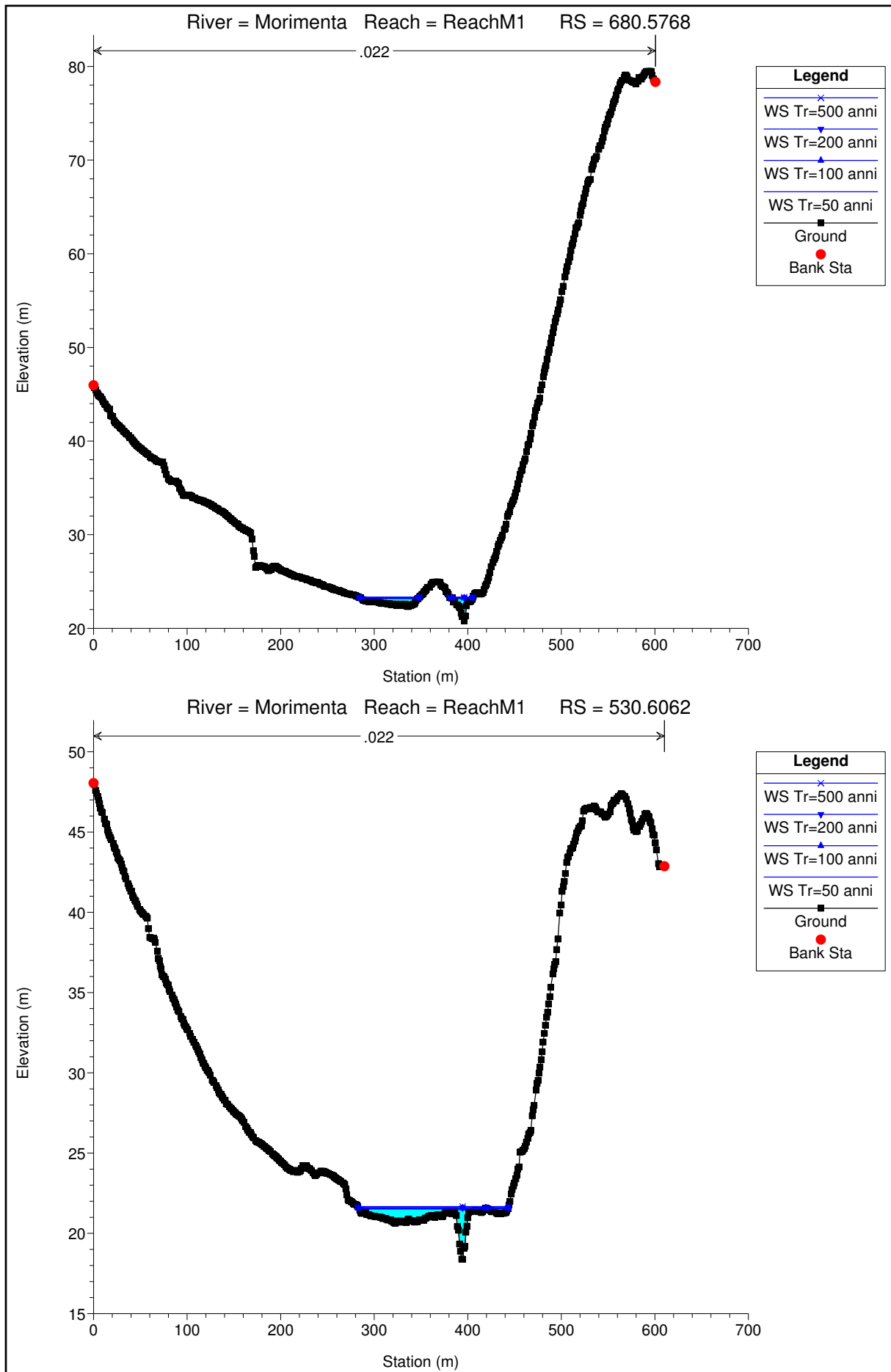


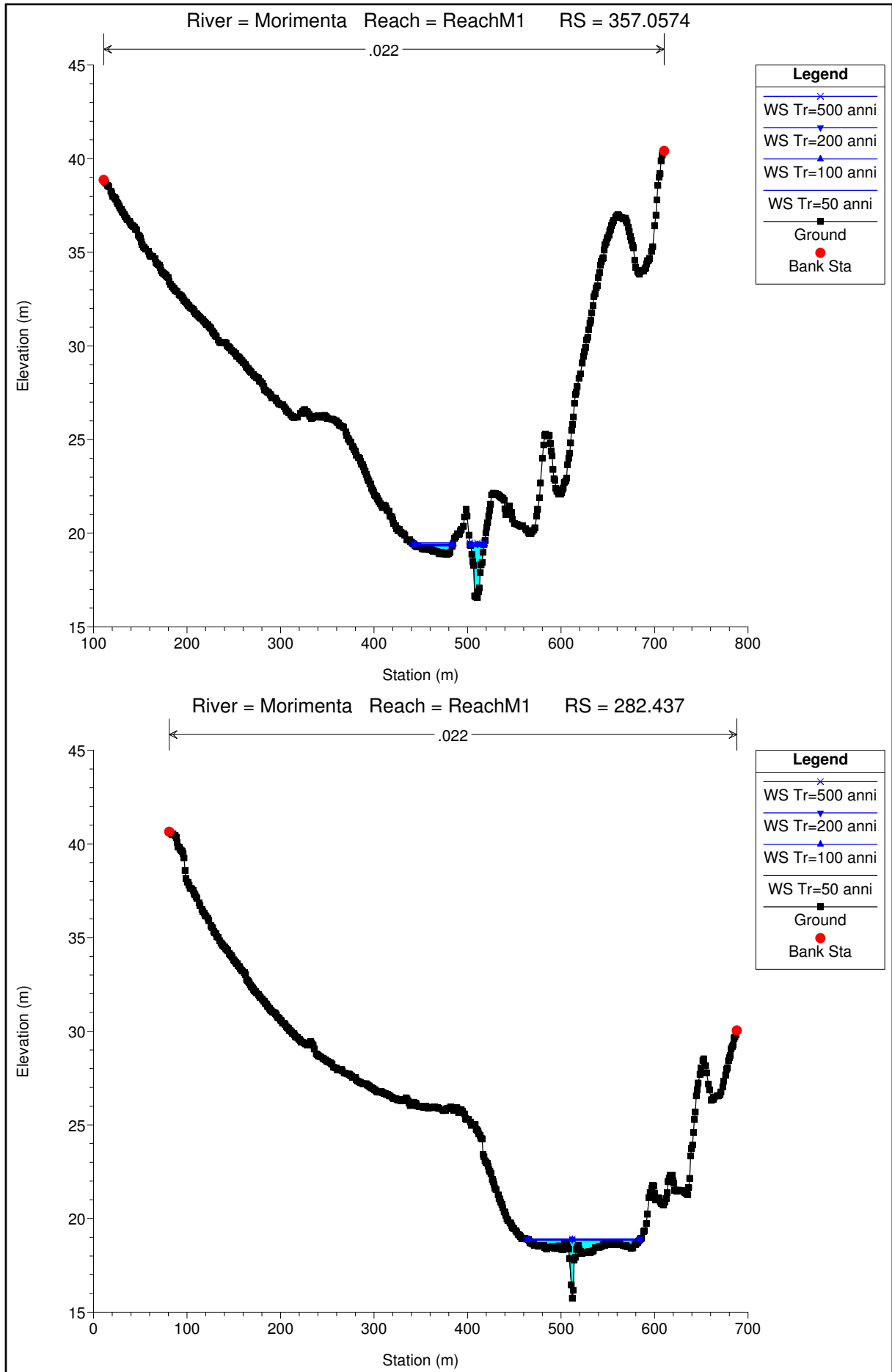


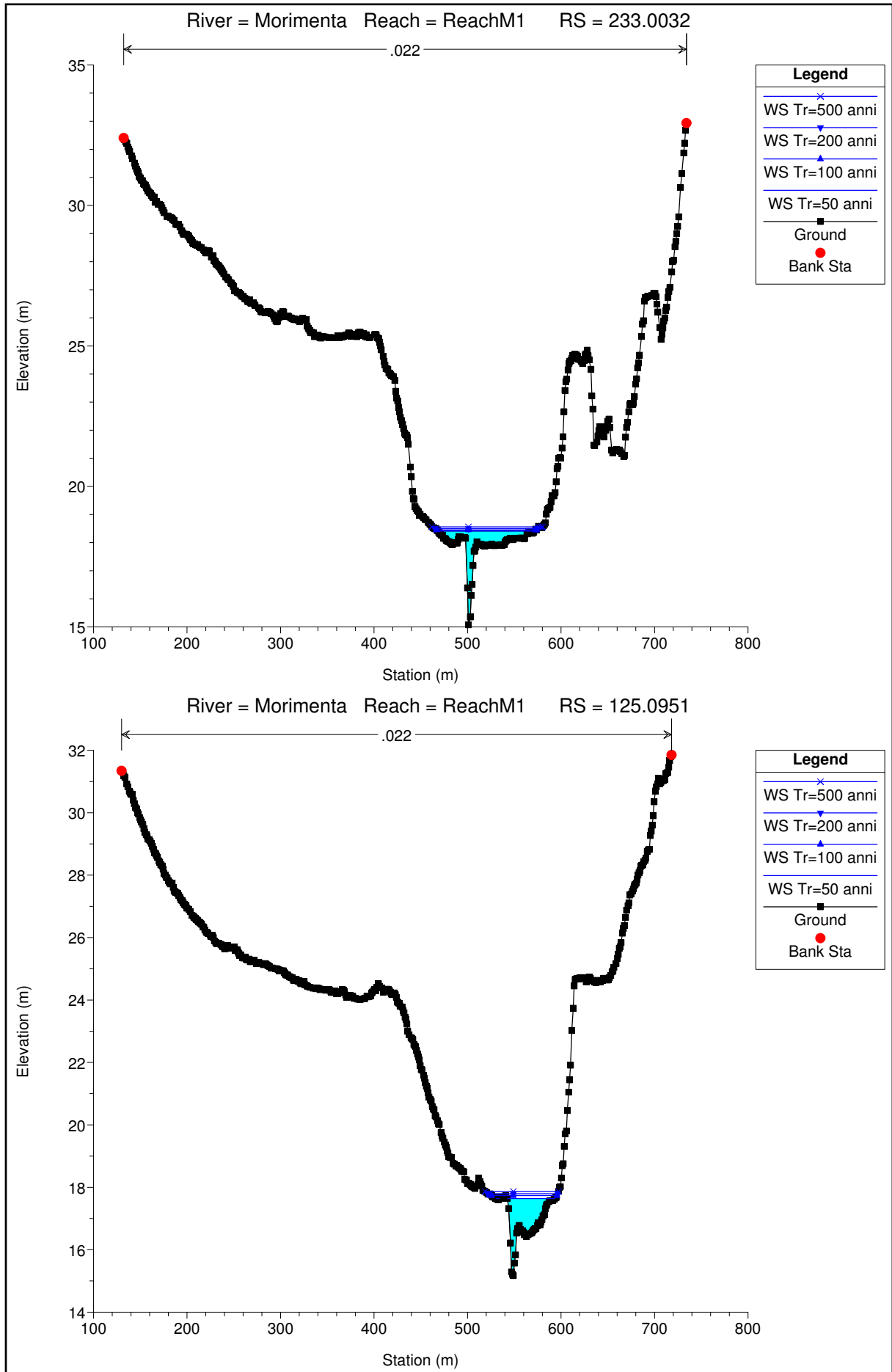
A - Bacino Sa Masa

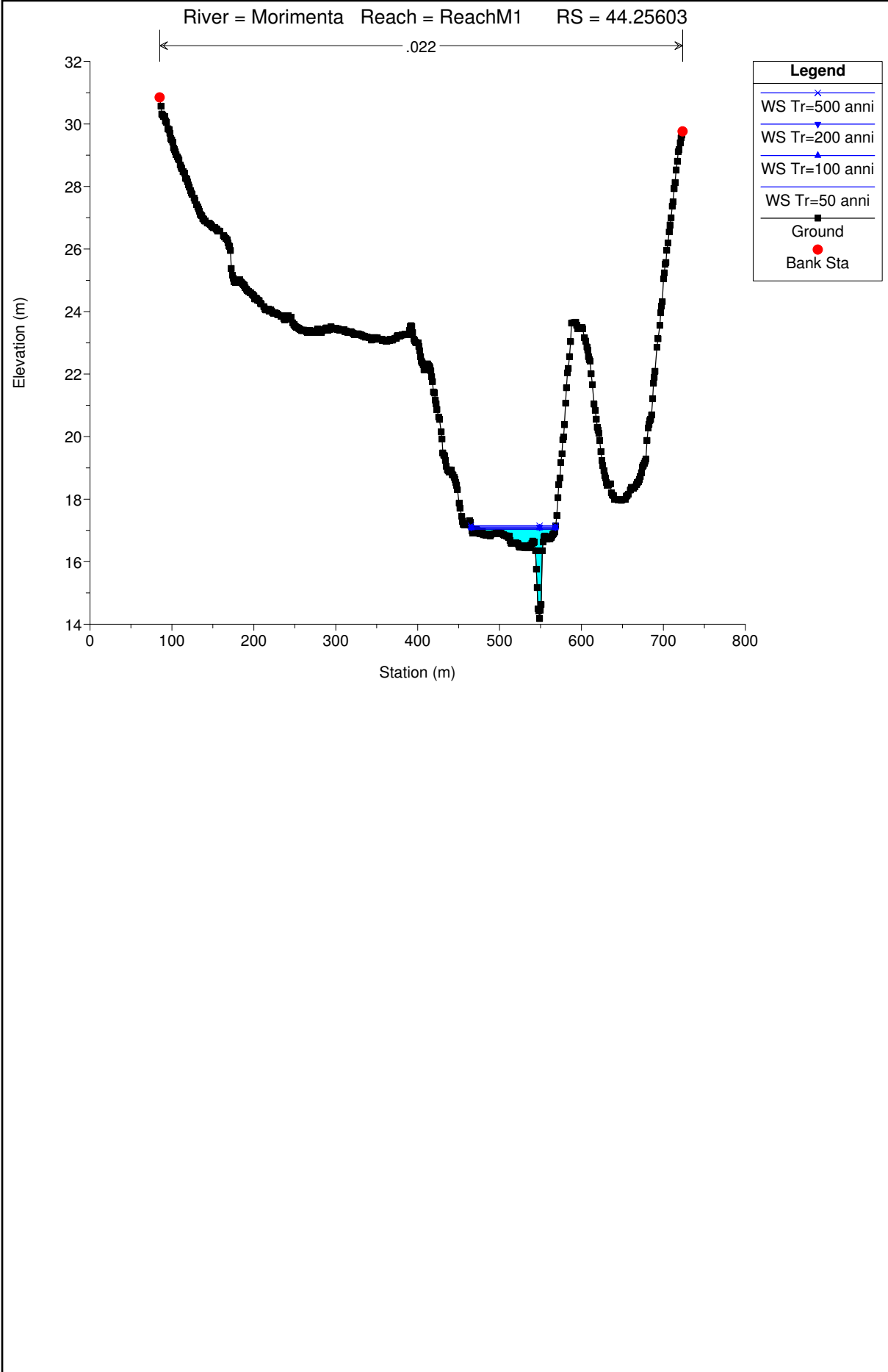
Rio Morimenta

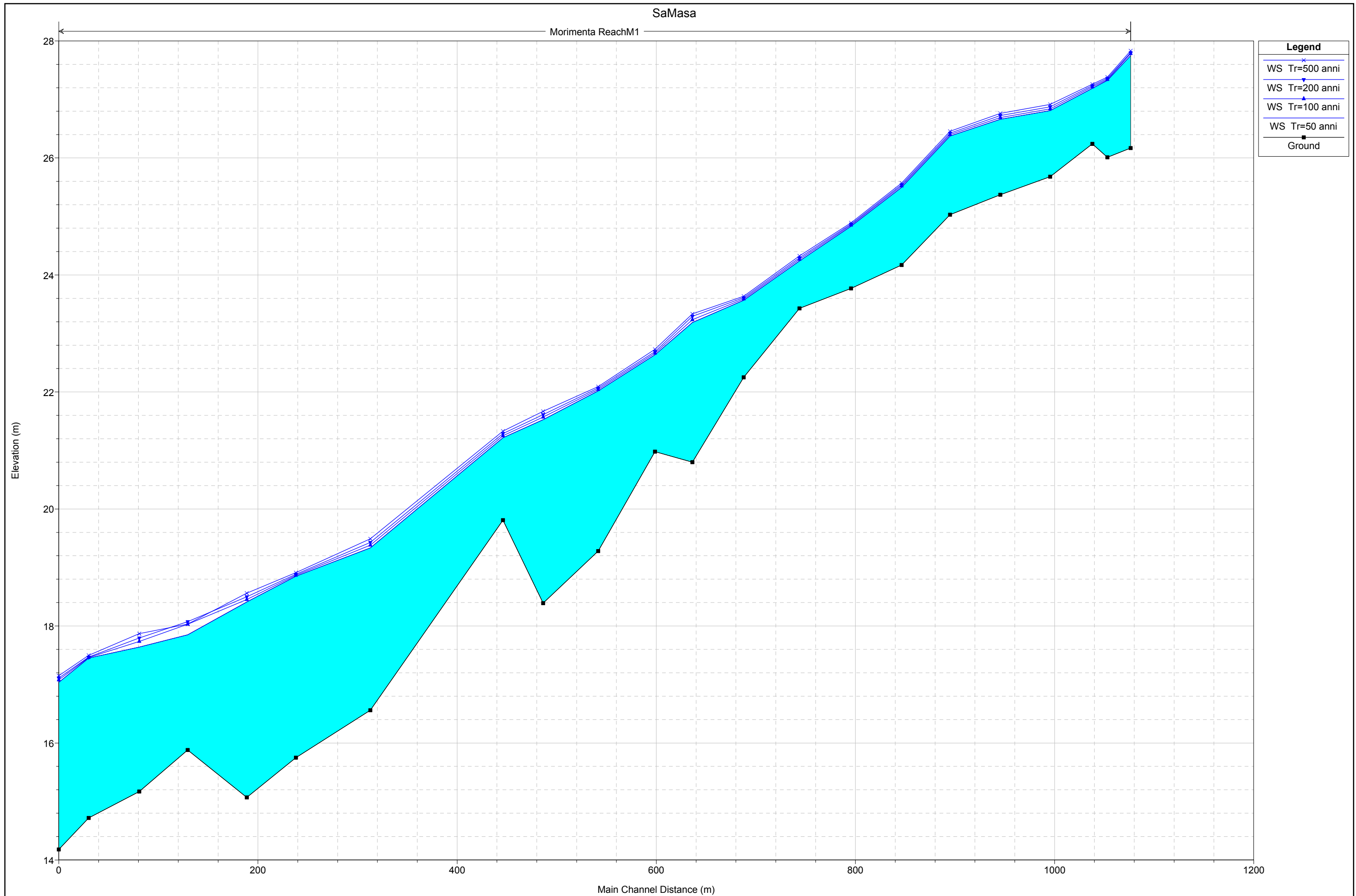






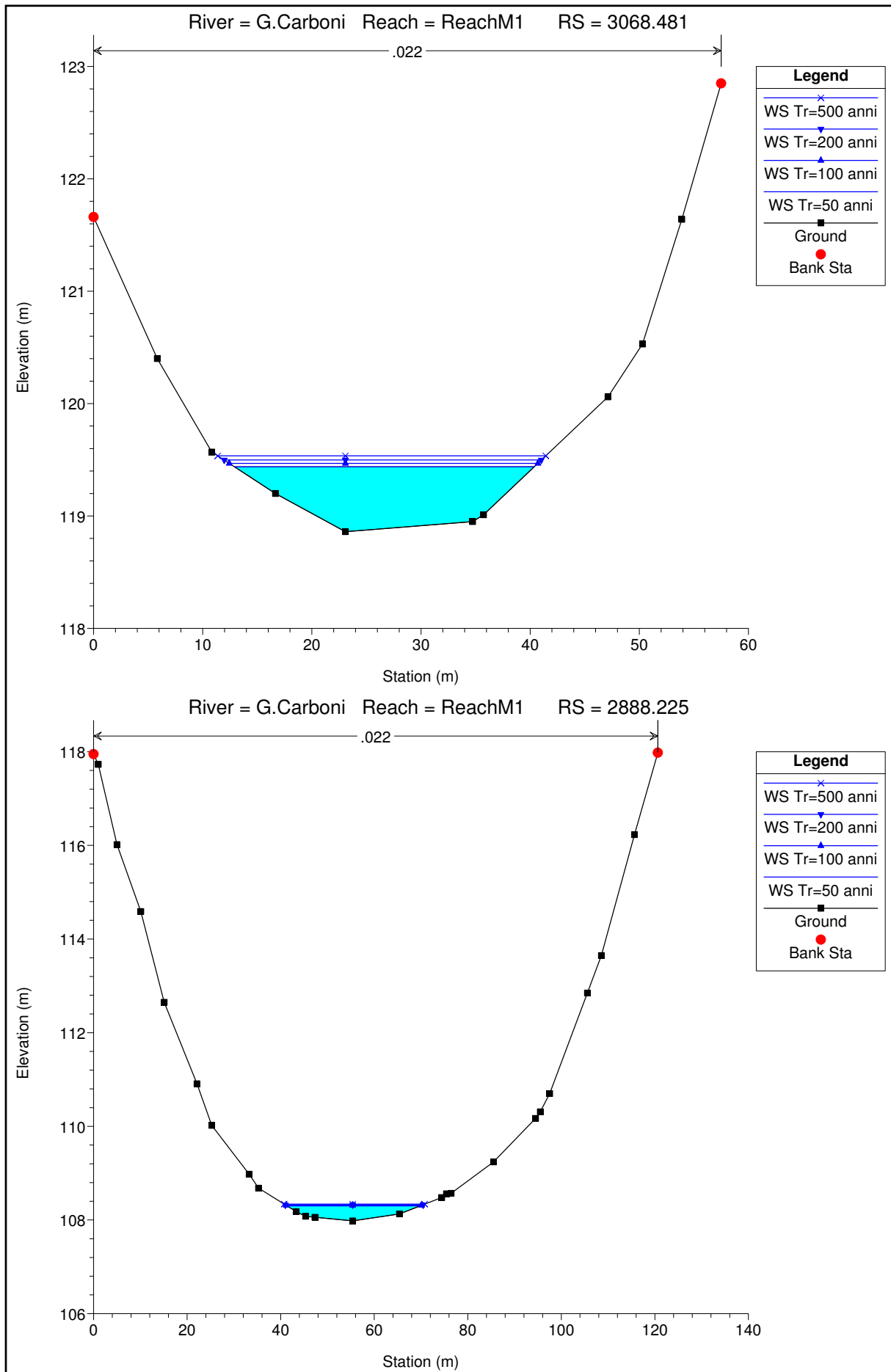


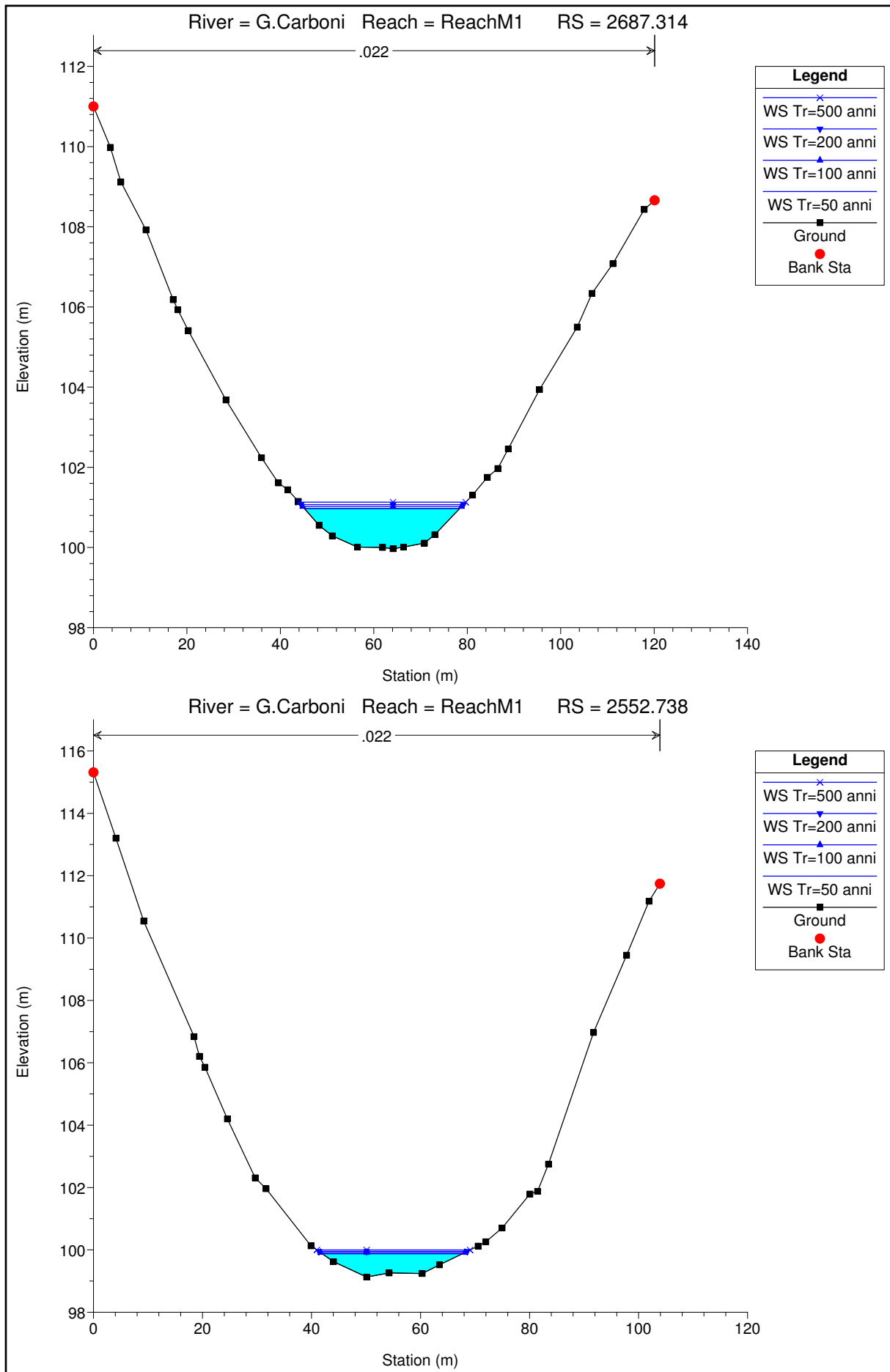


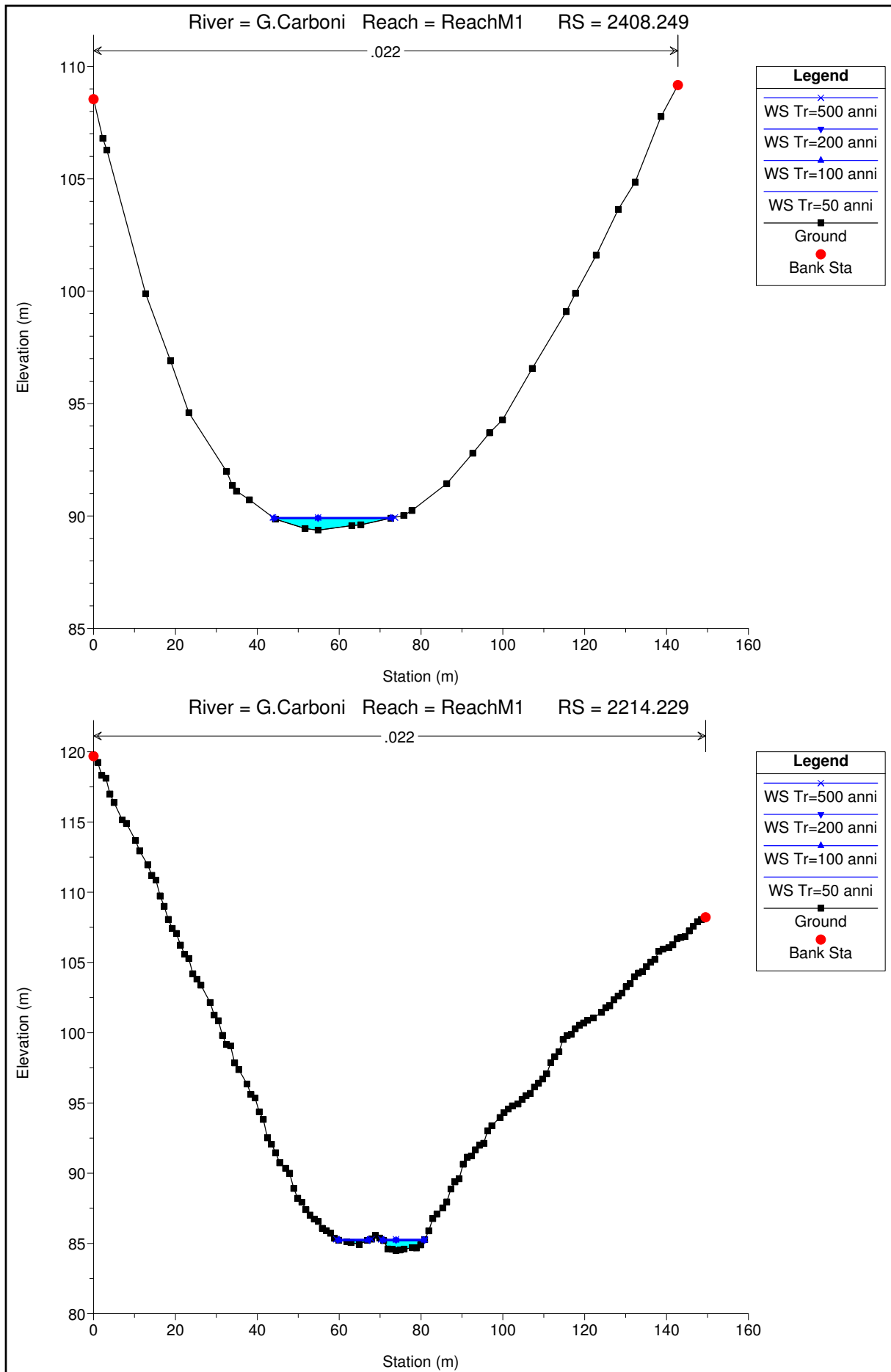


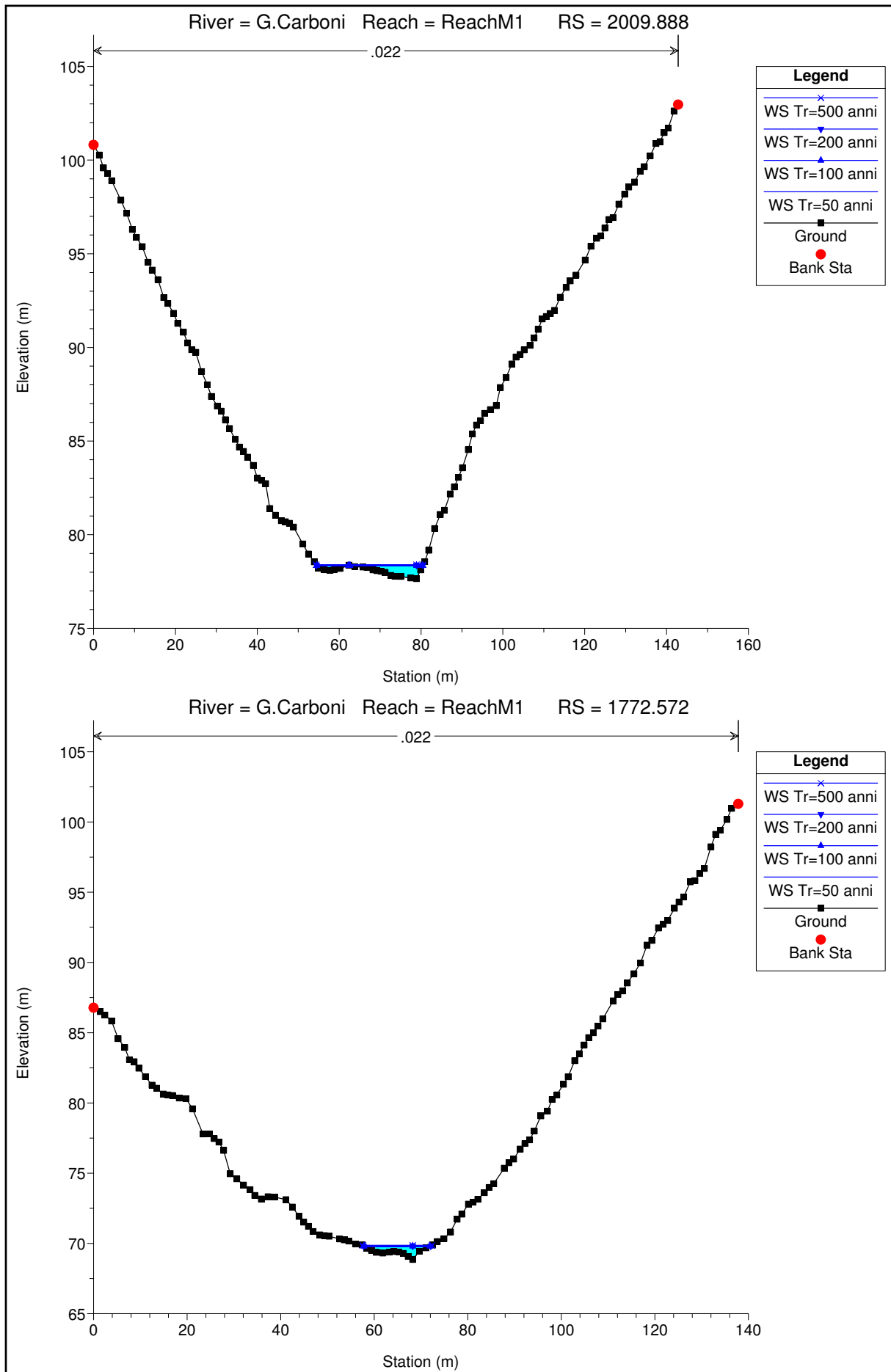
A - Bacino Sa Masa

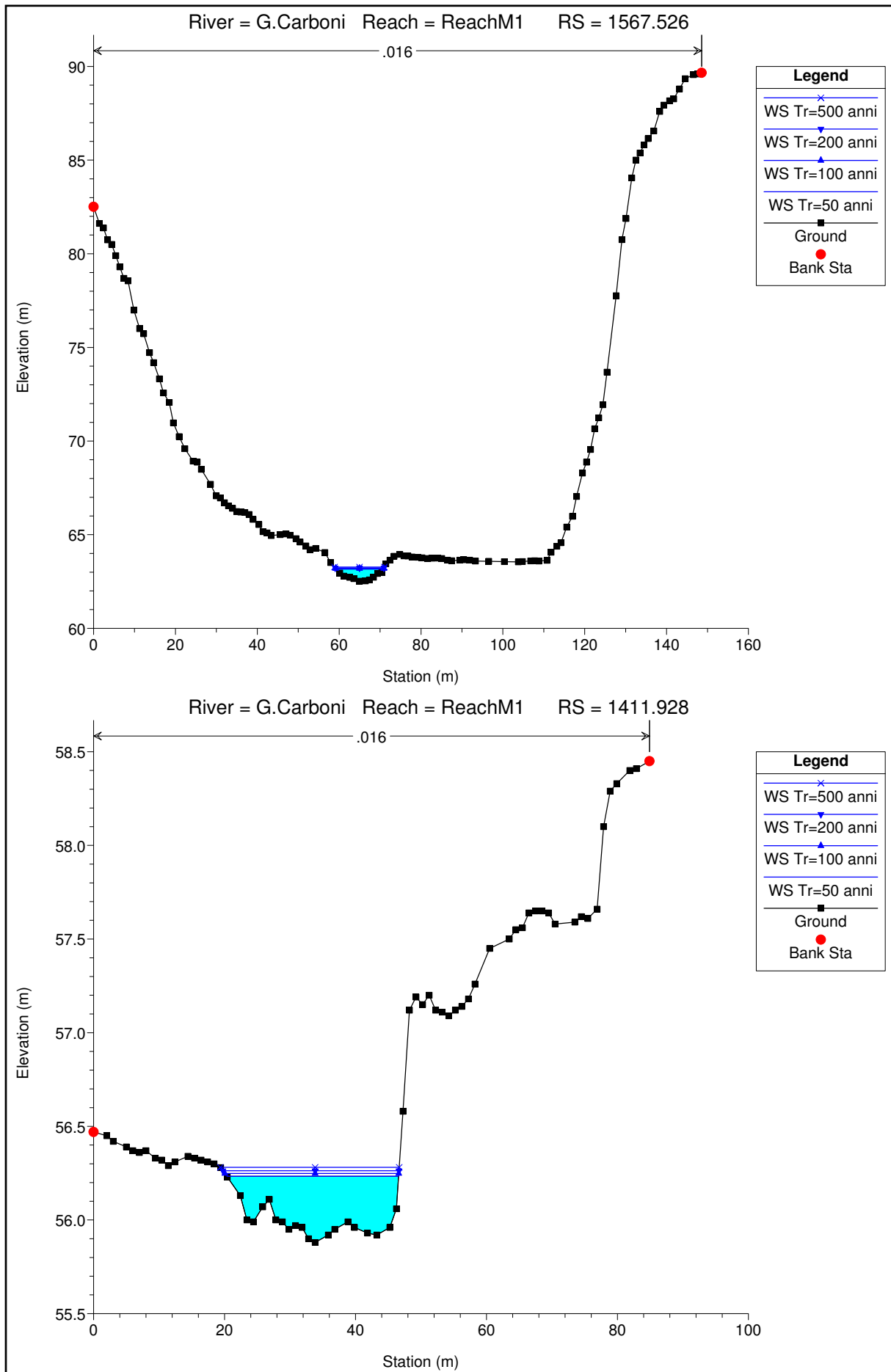
Gutturu Carboni

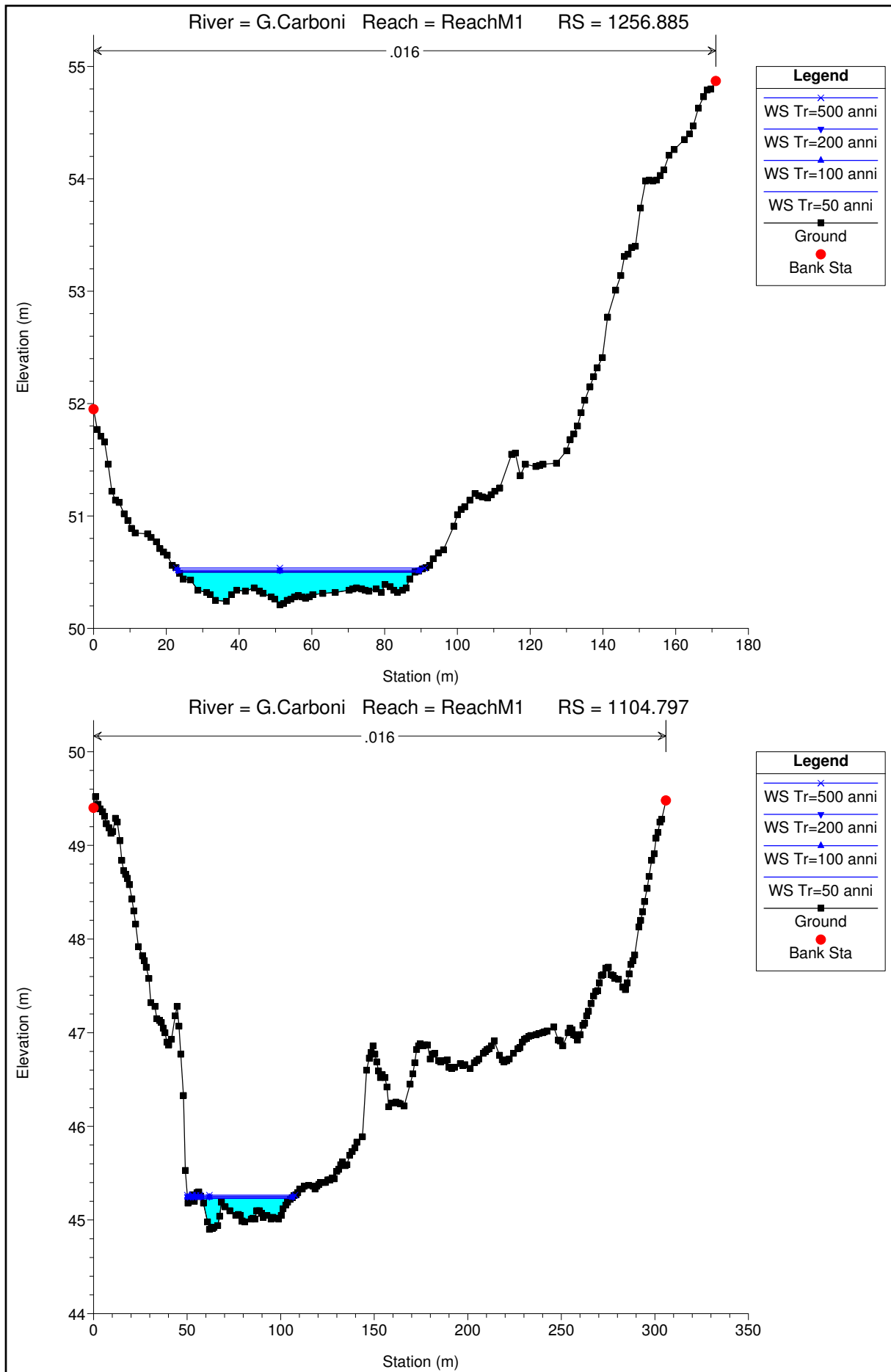


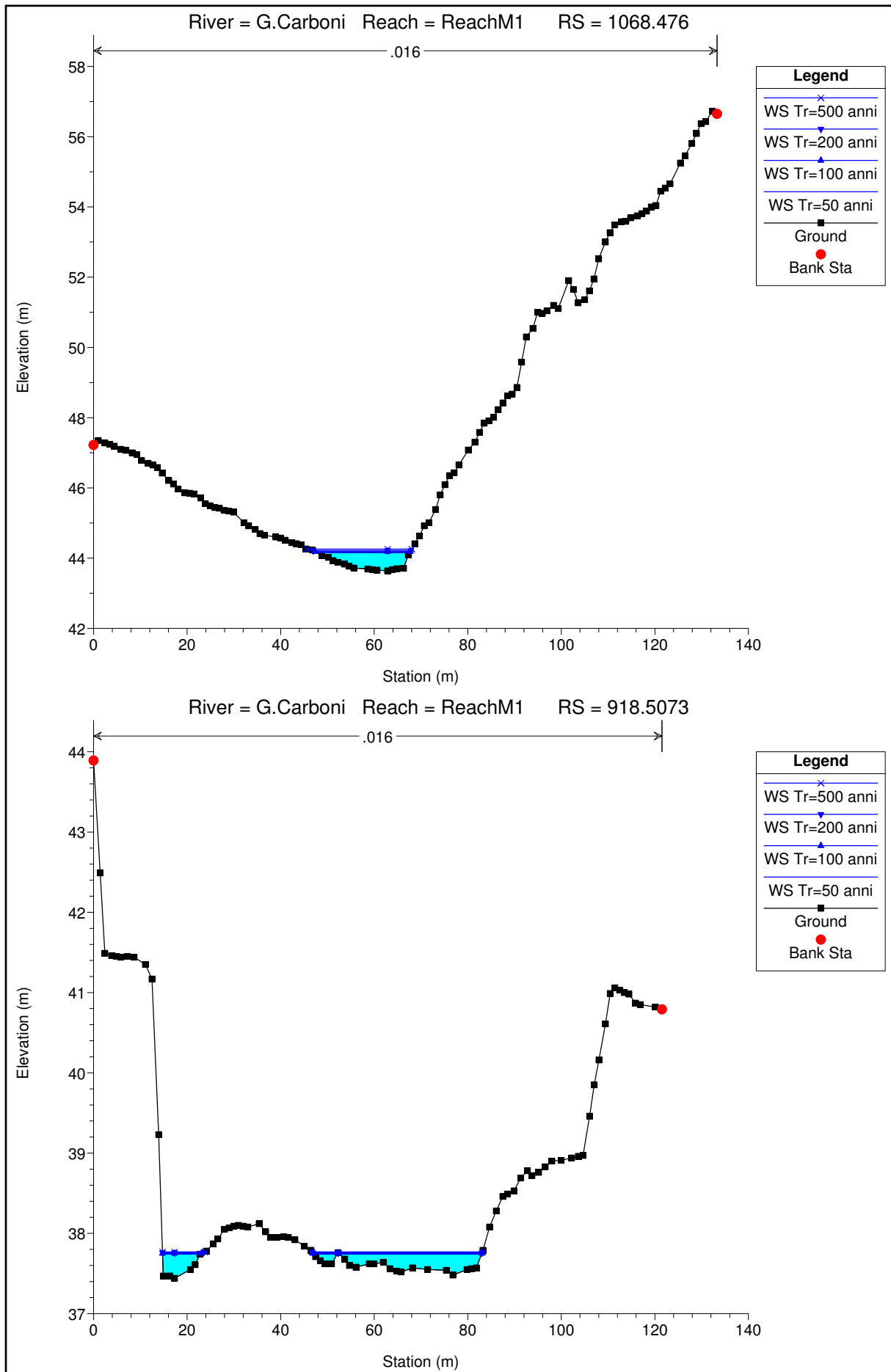


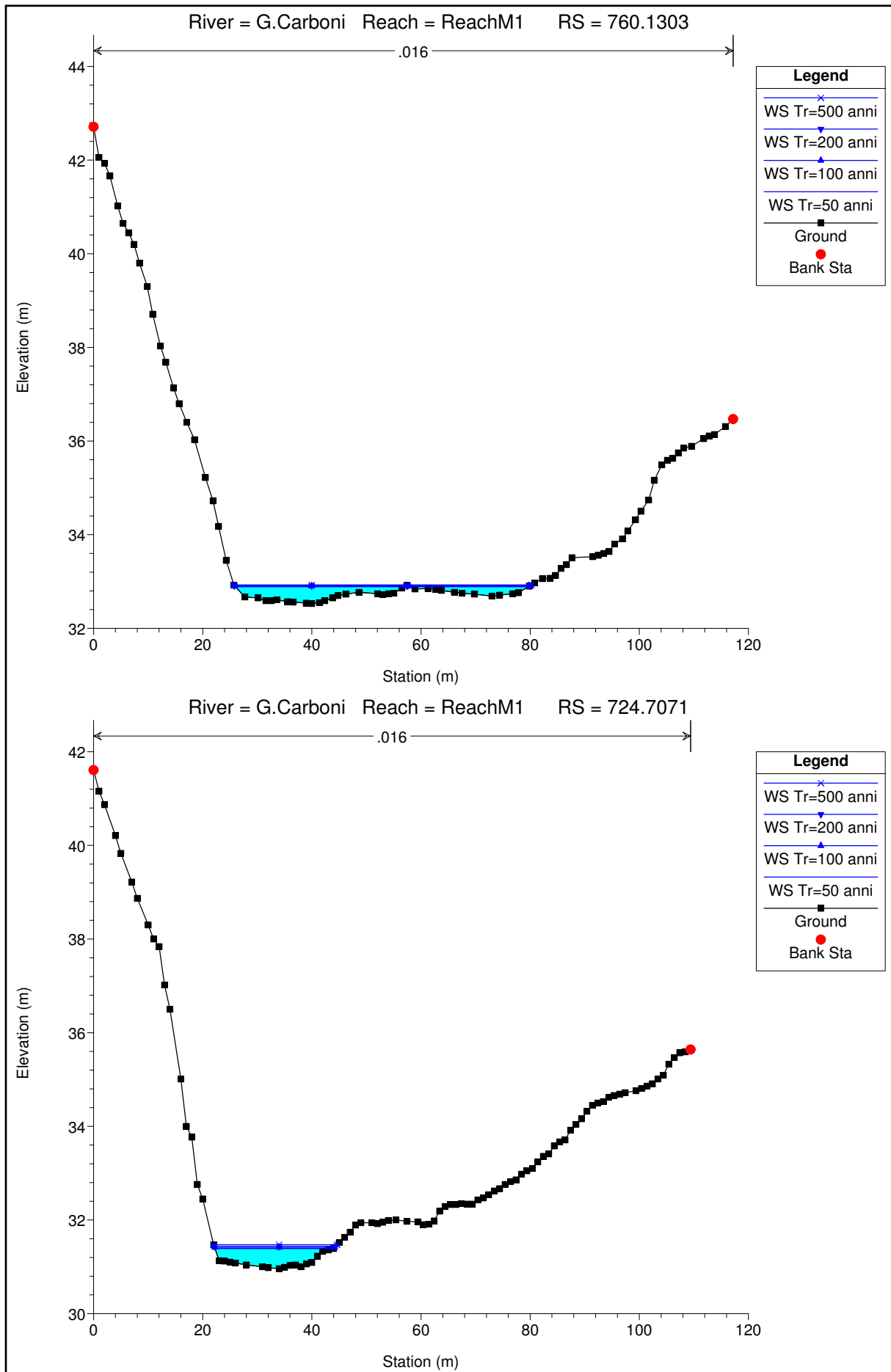


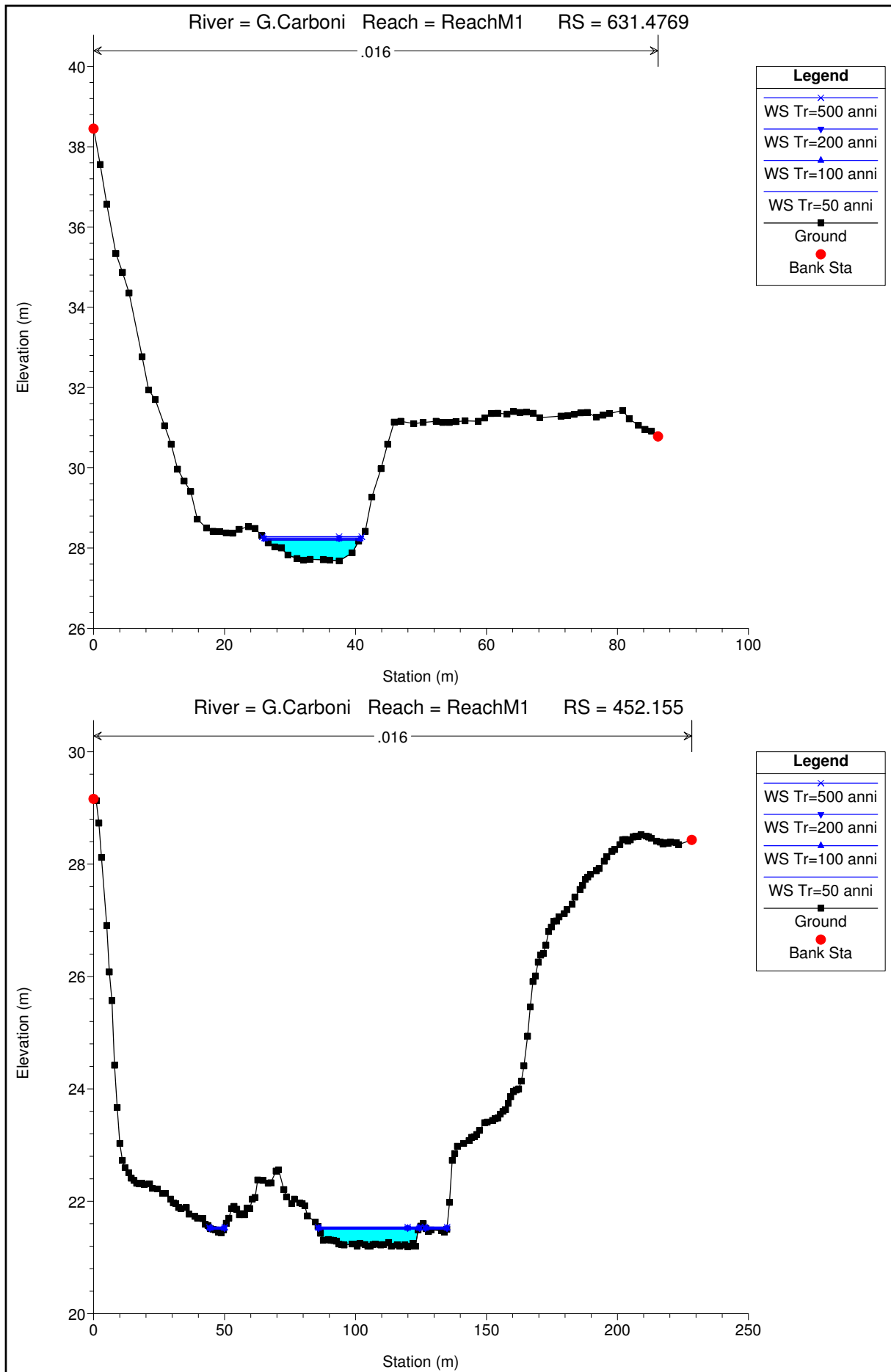


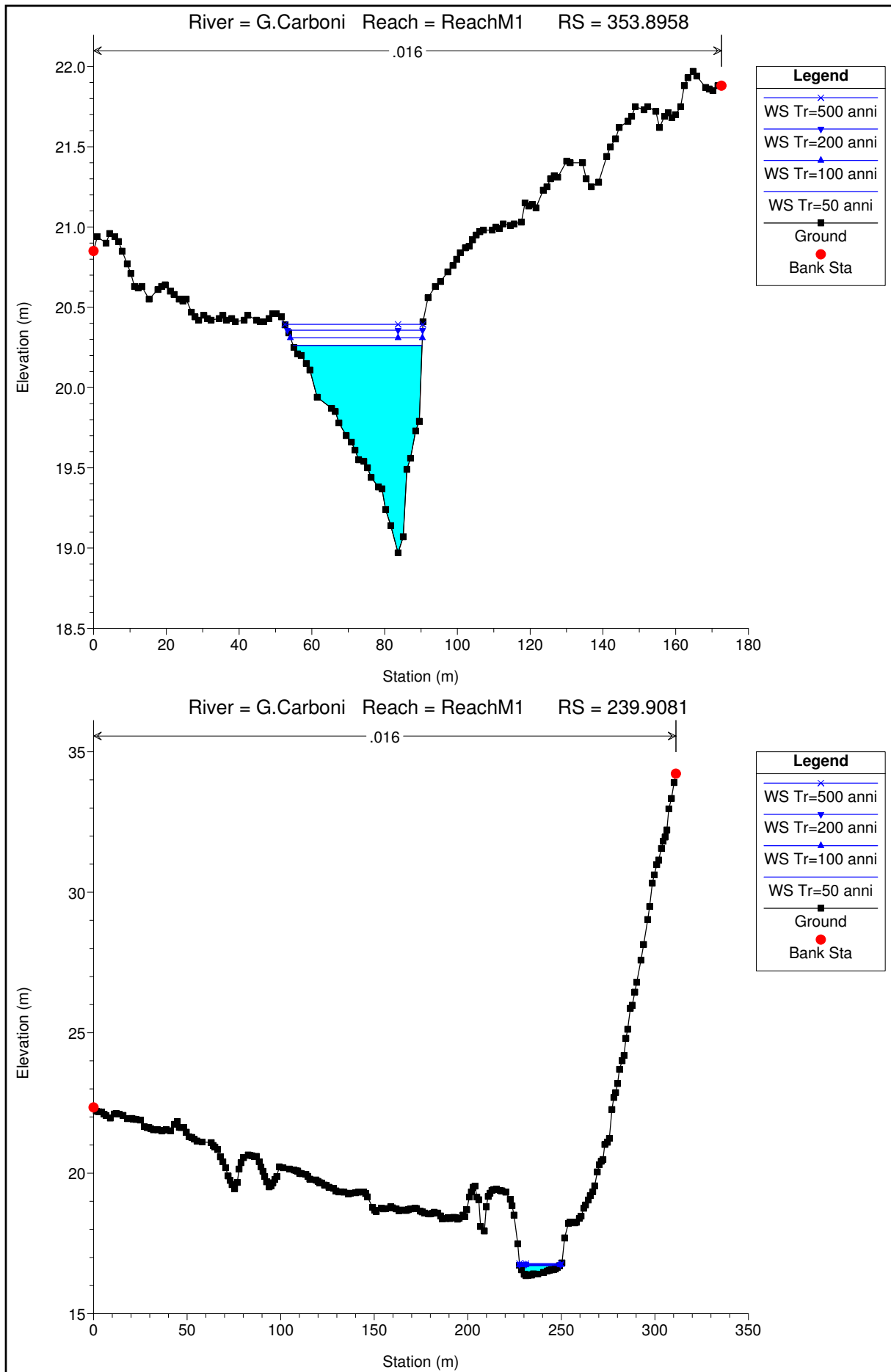


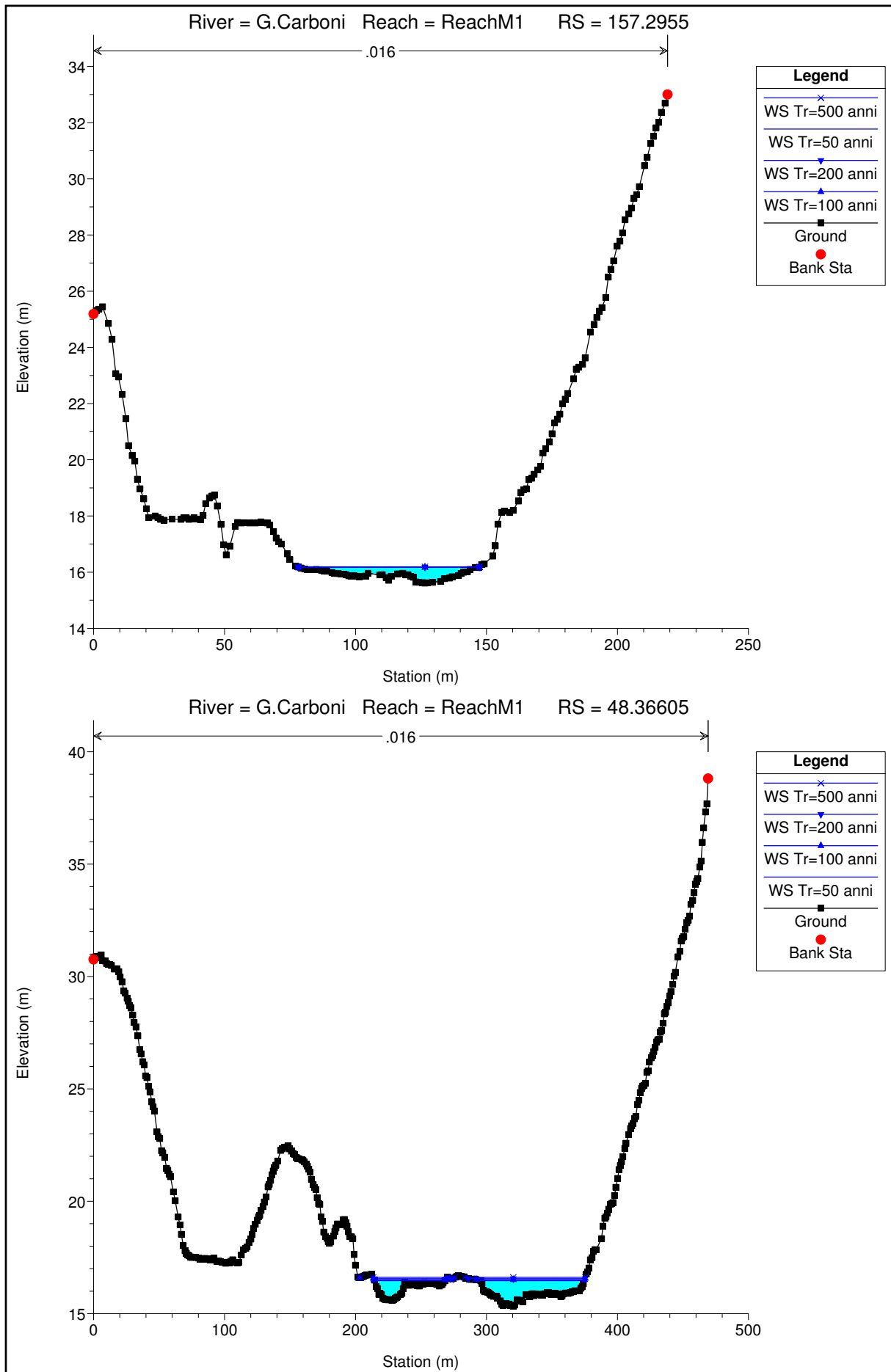


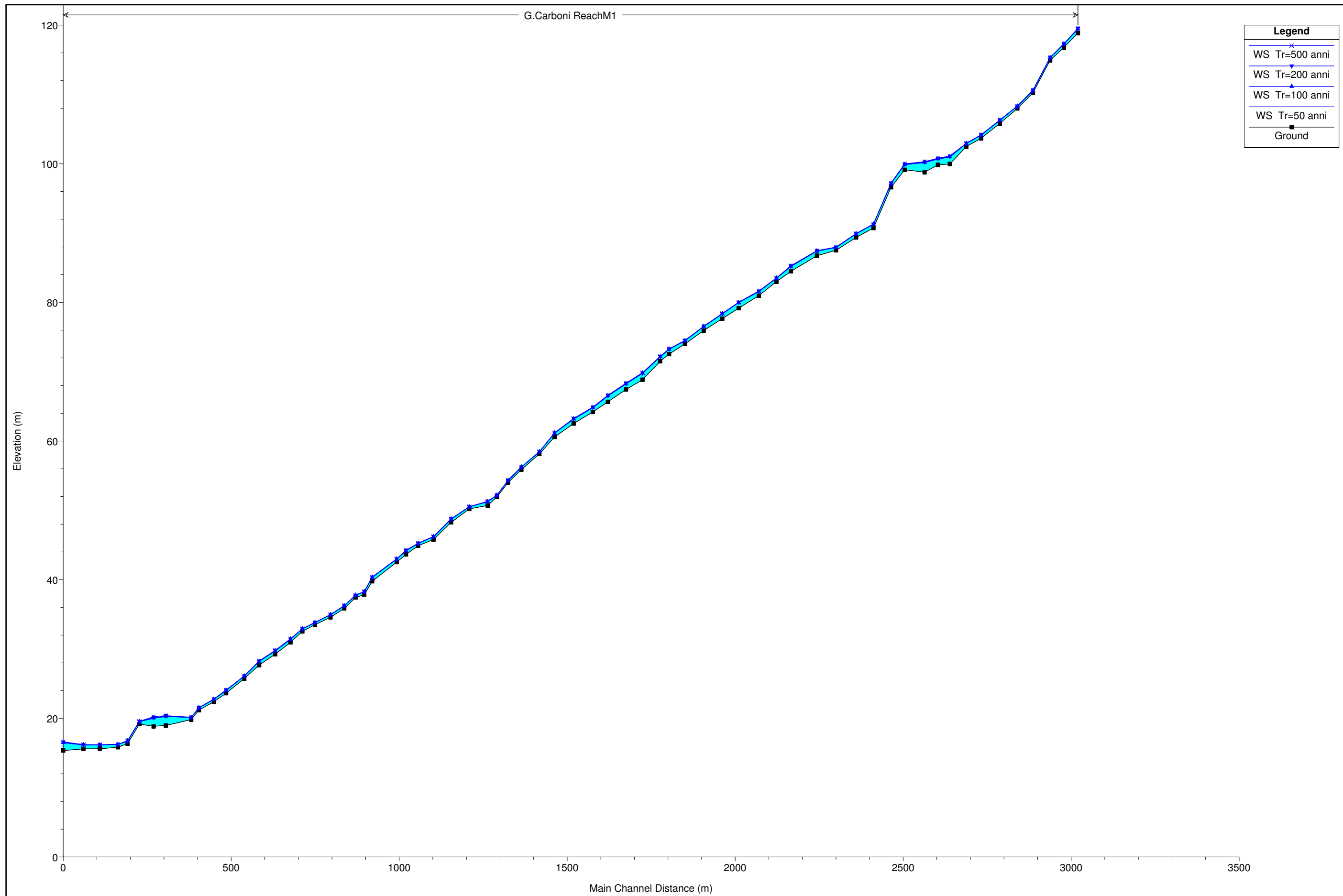






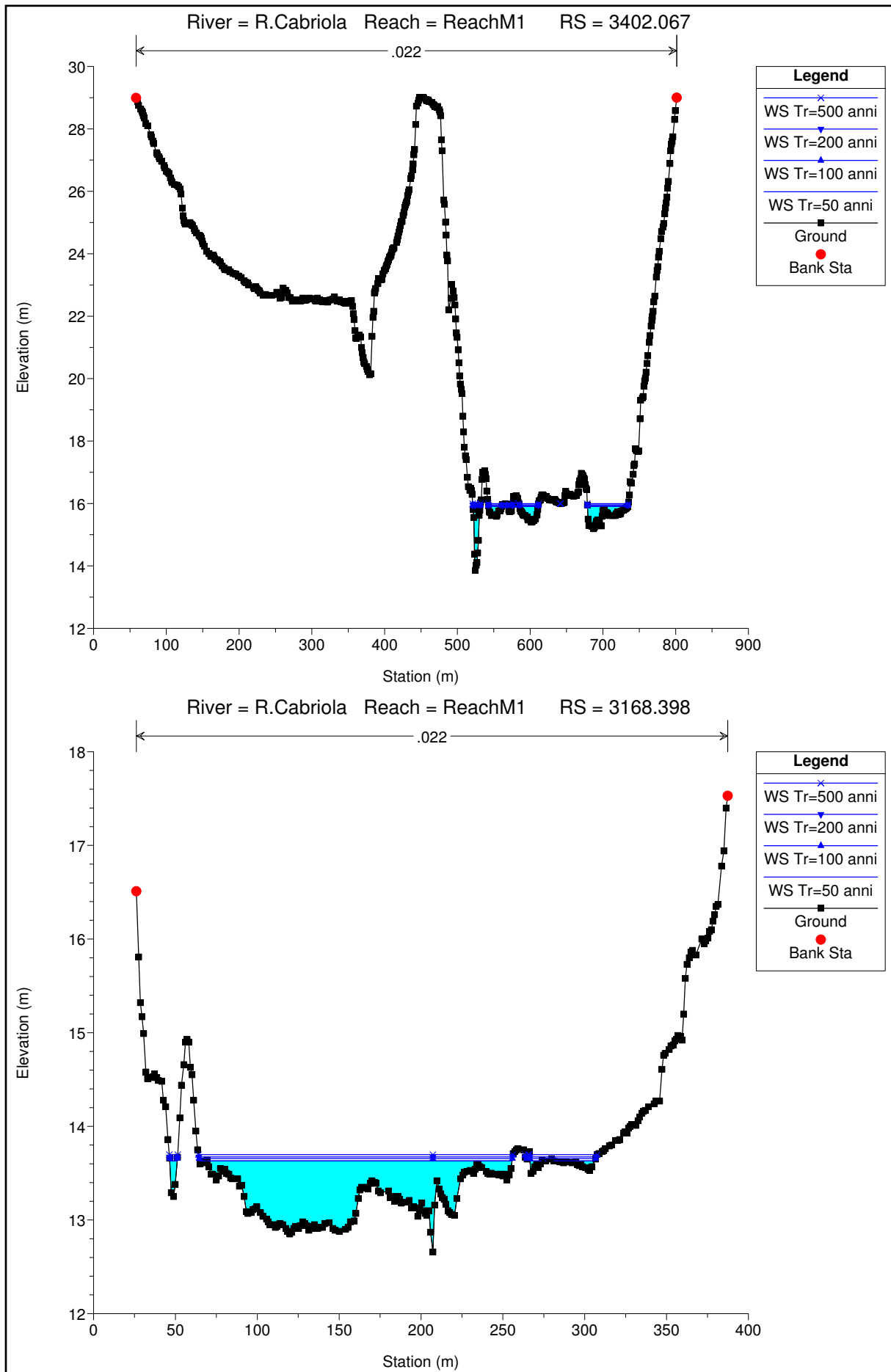


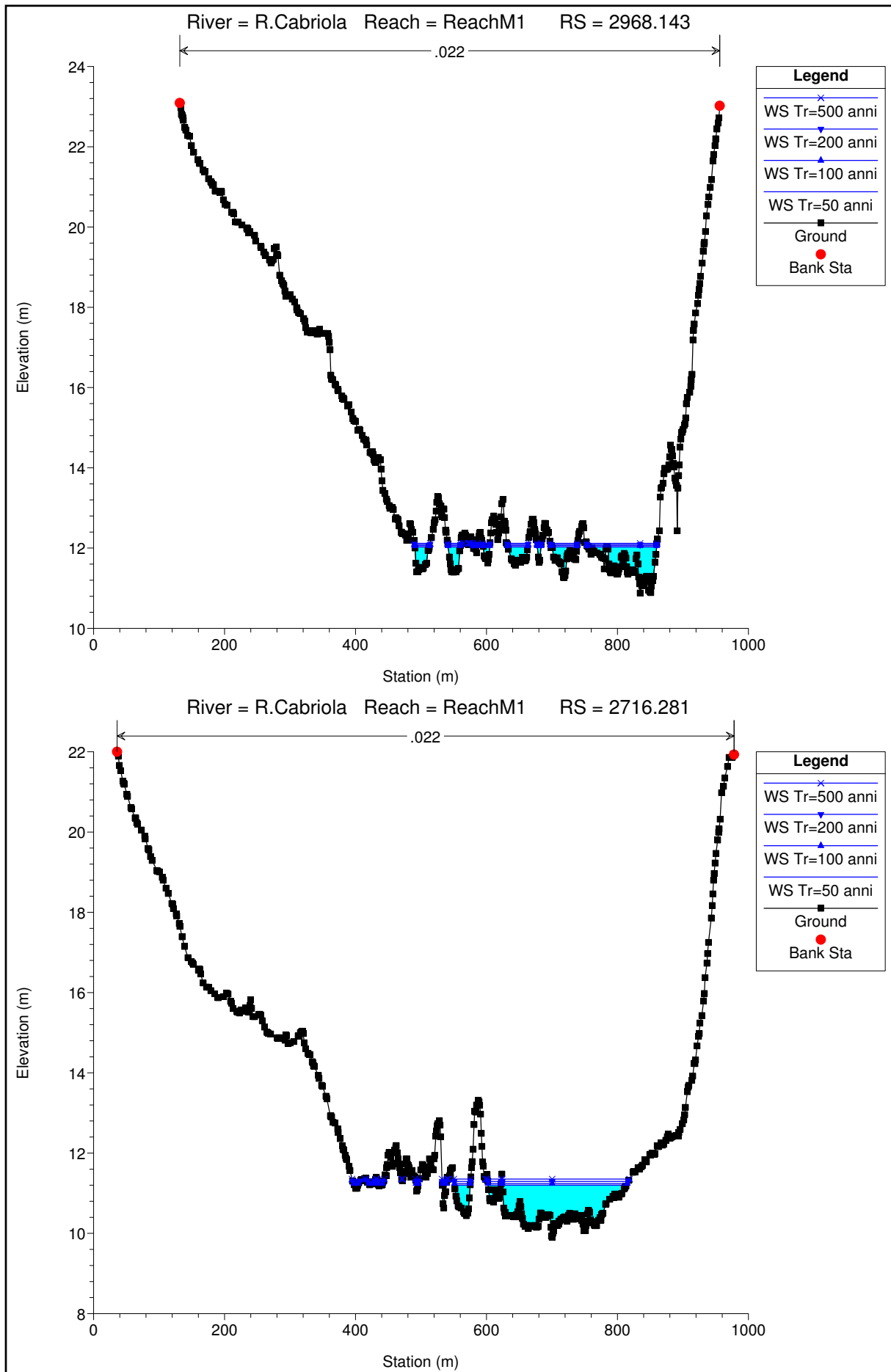


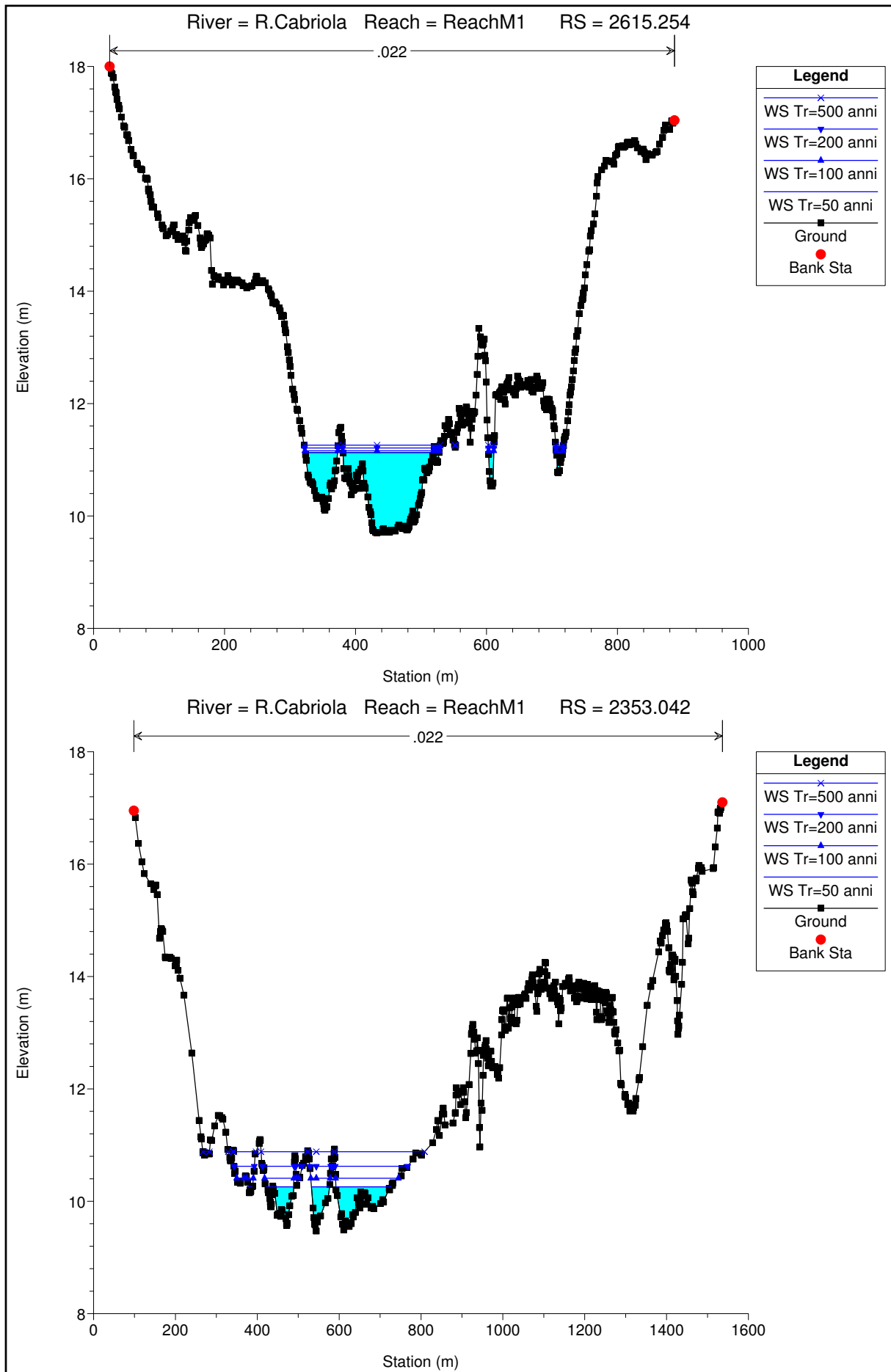


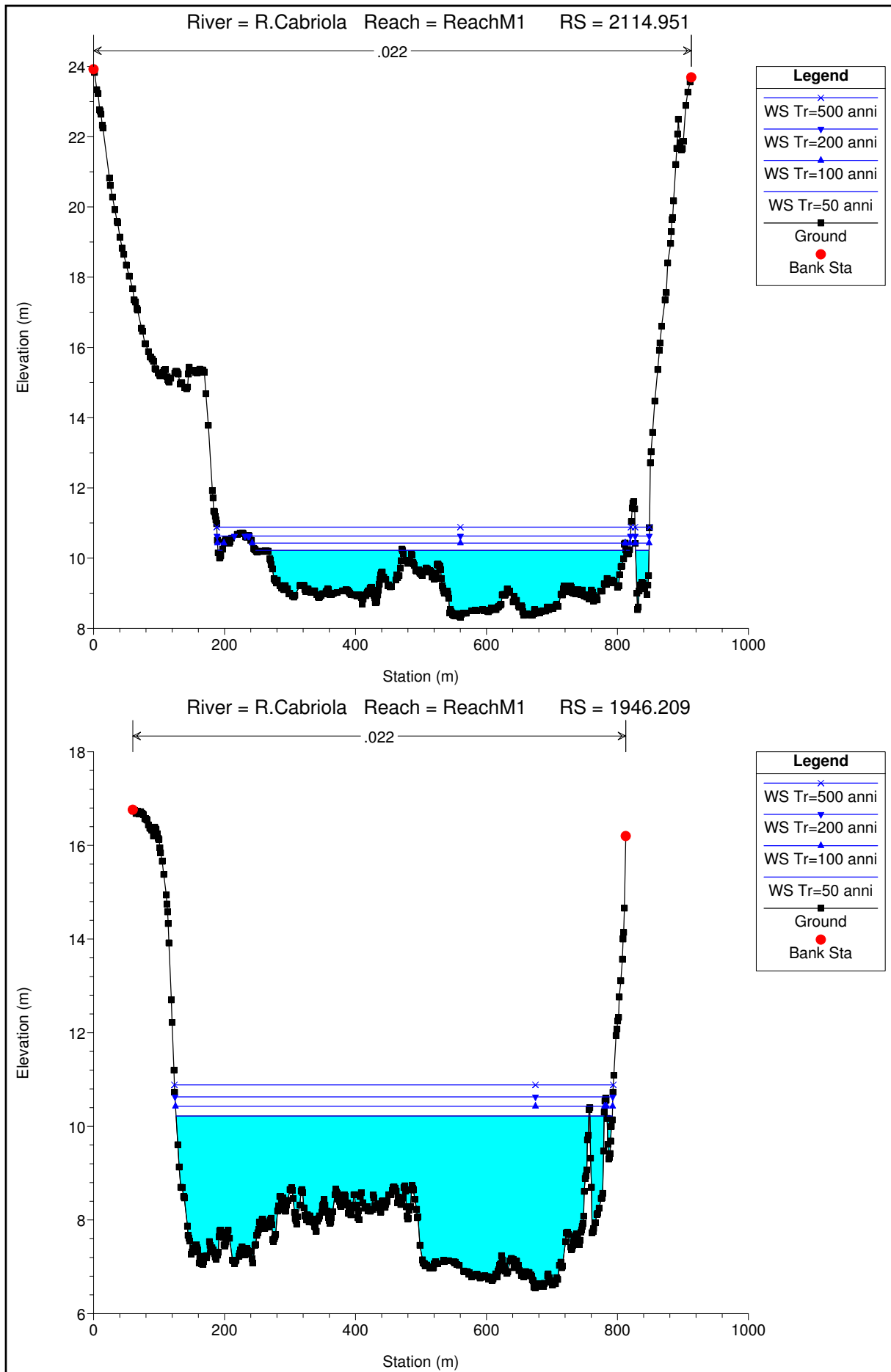
A - Bacino Sa Masa

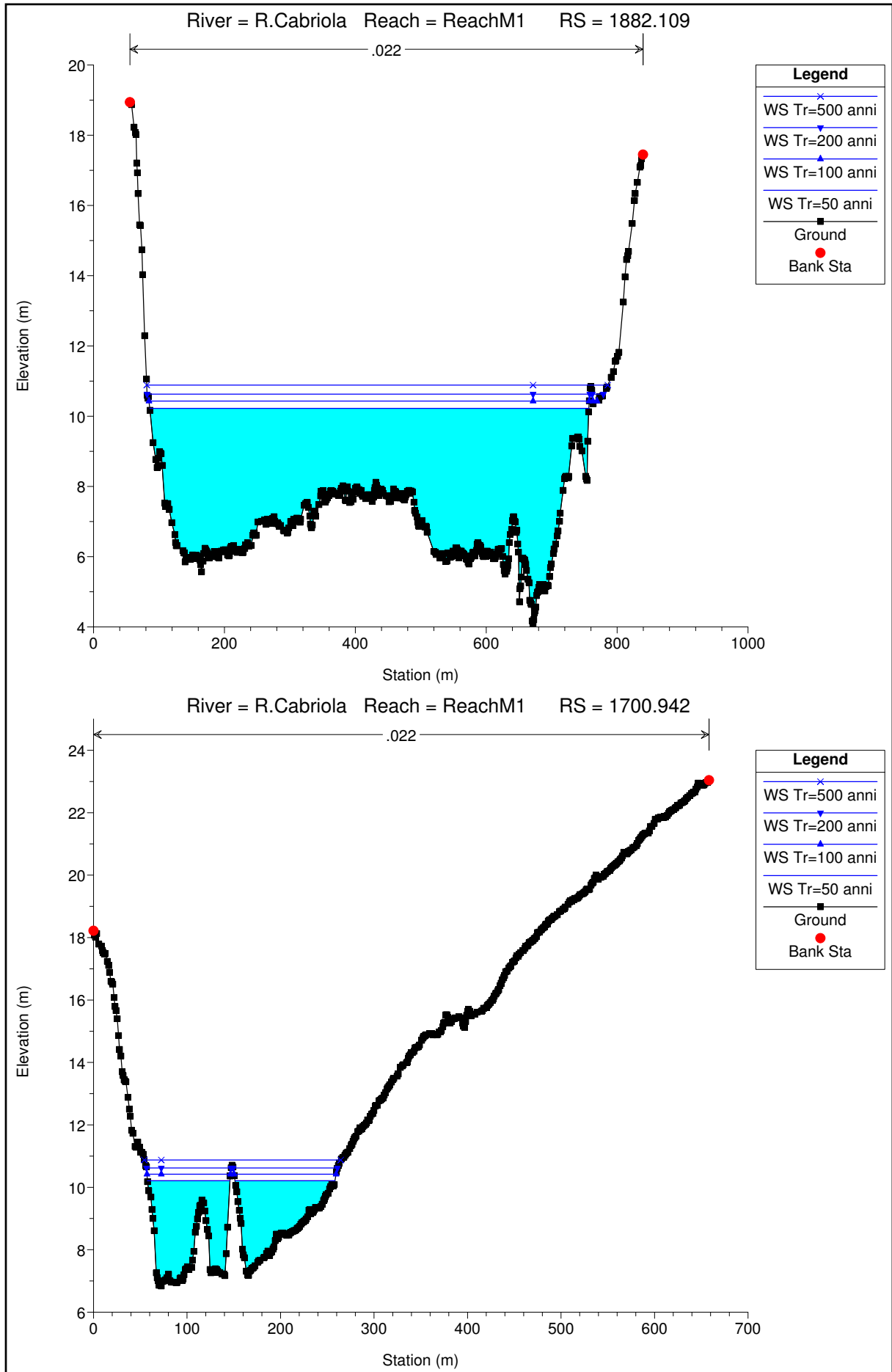
Rio Cabriola

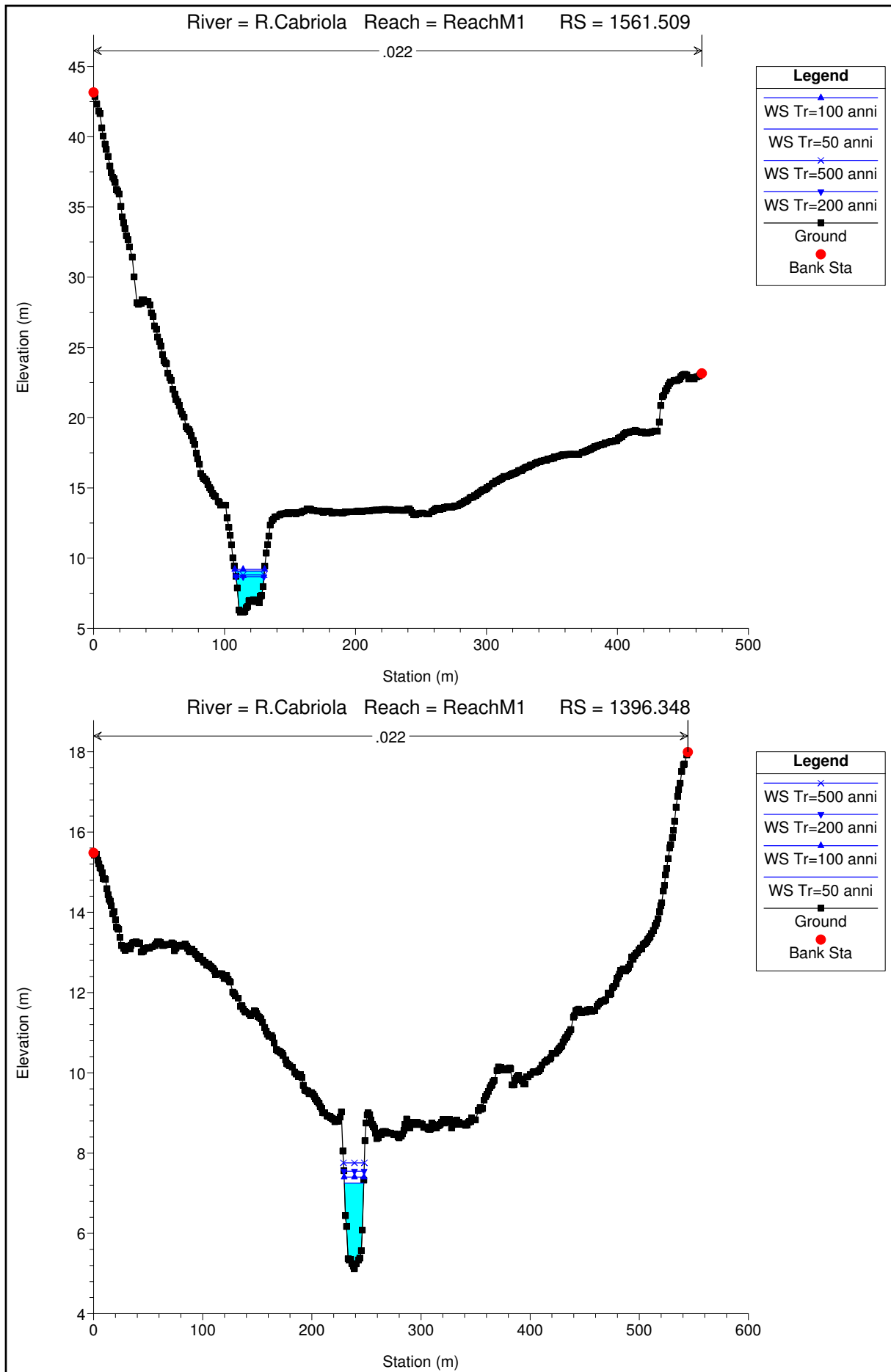


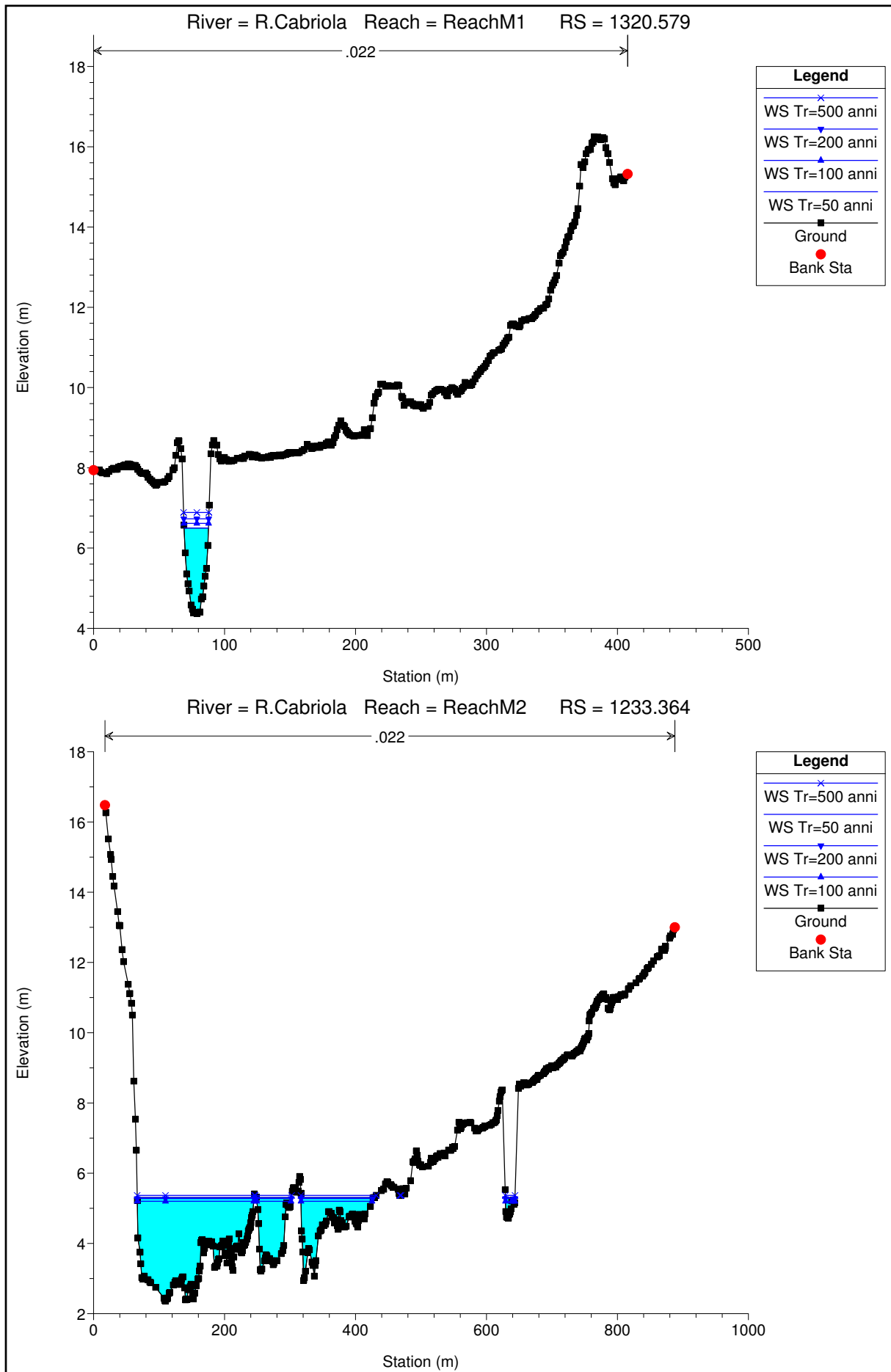


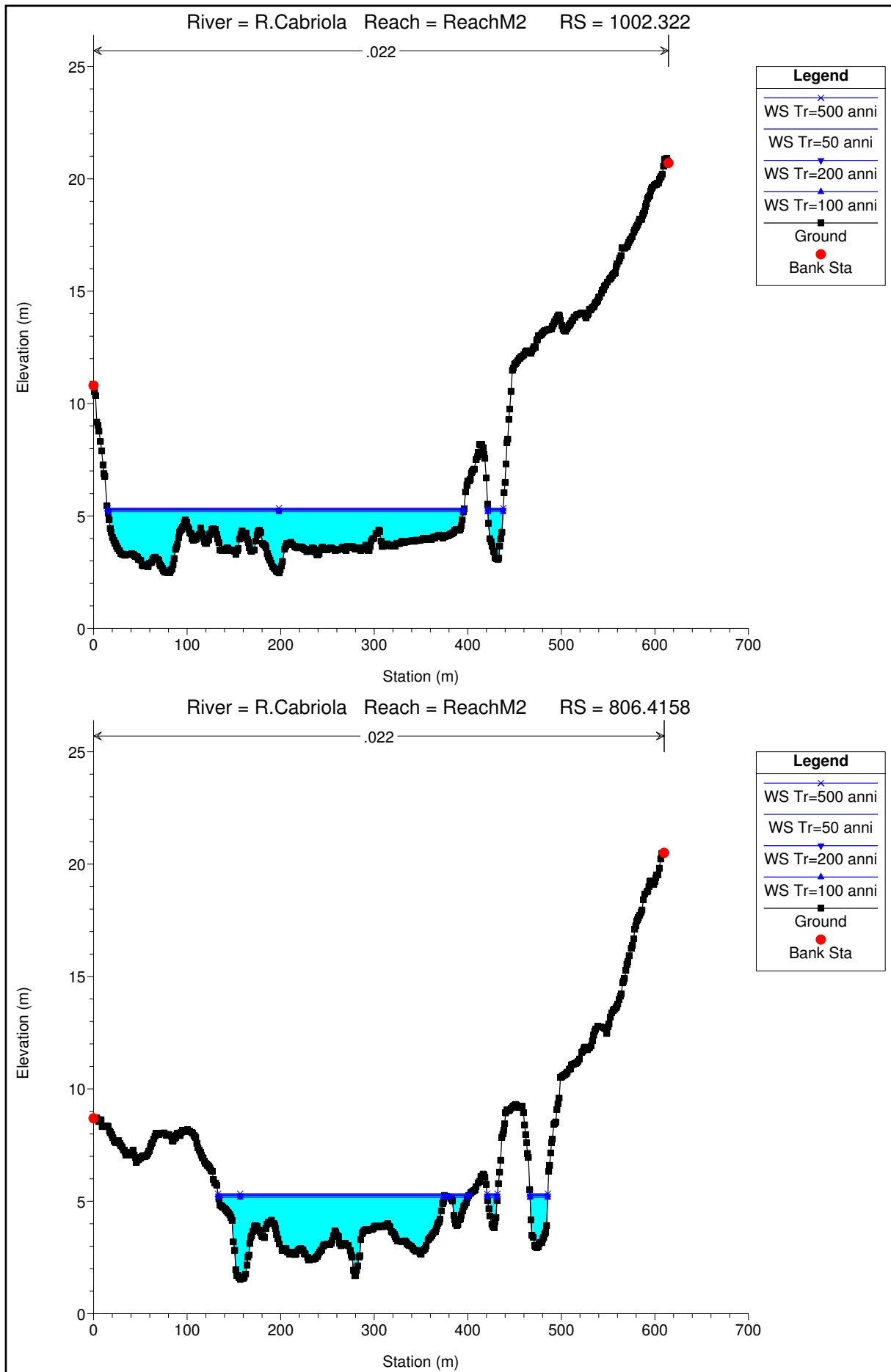


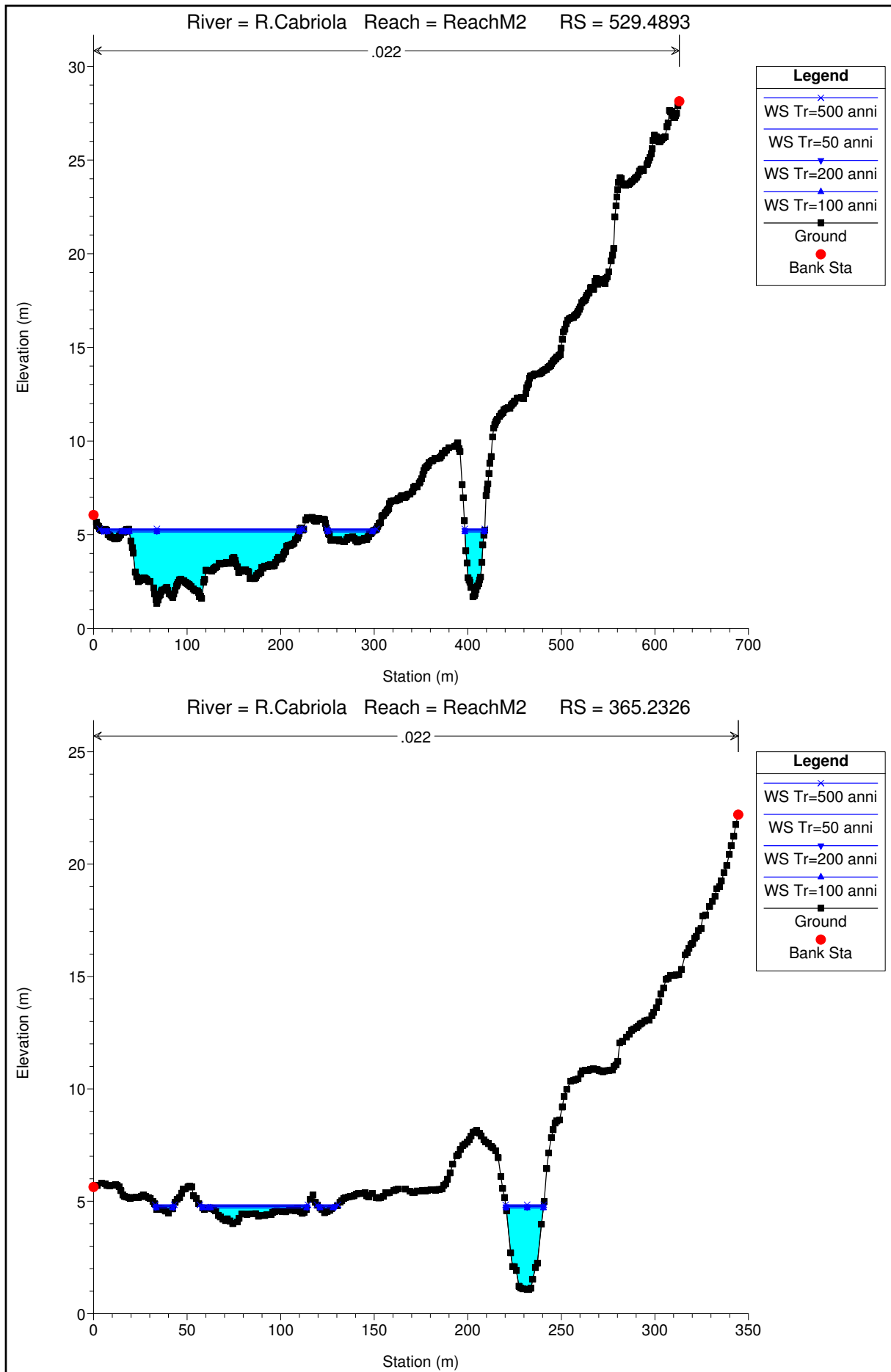


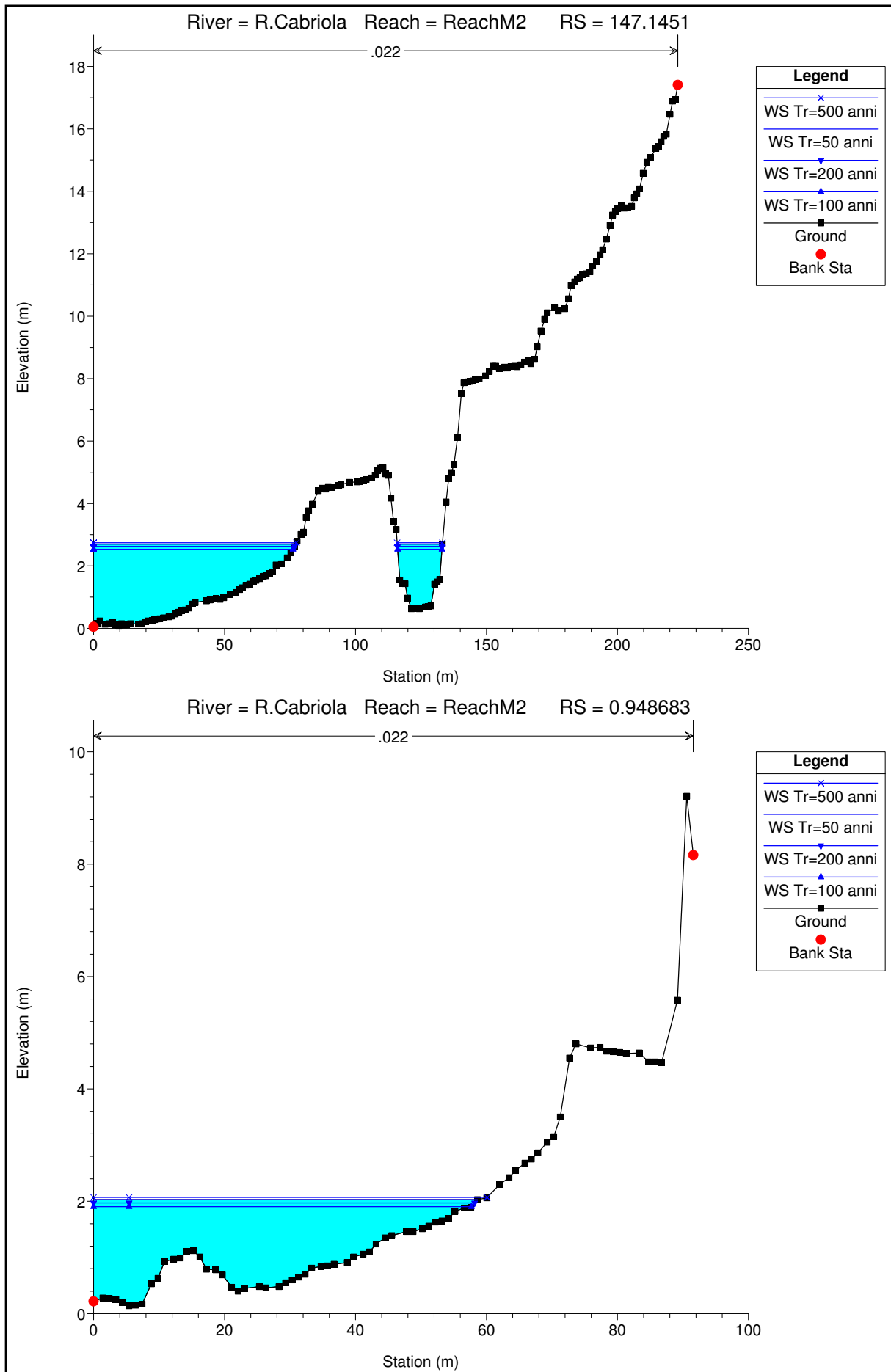


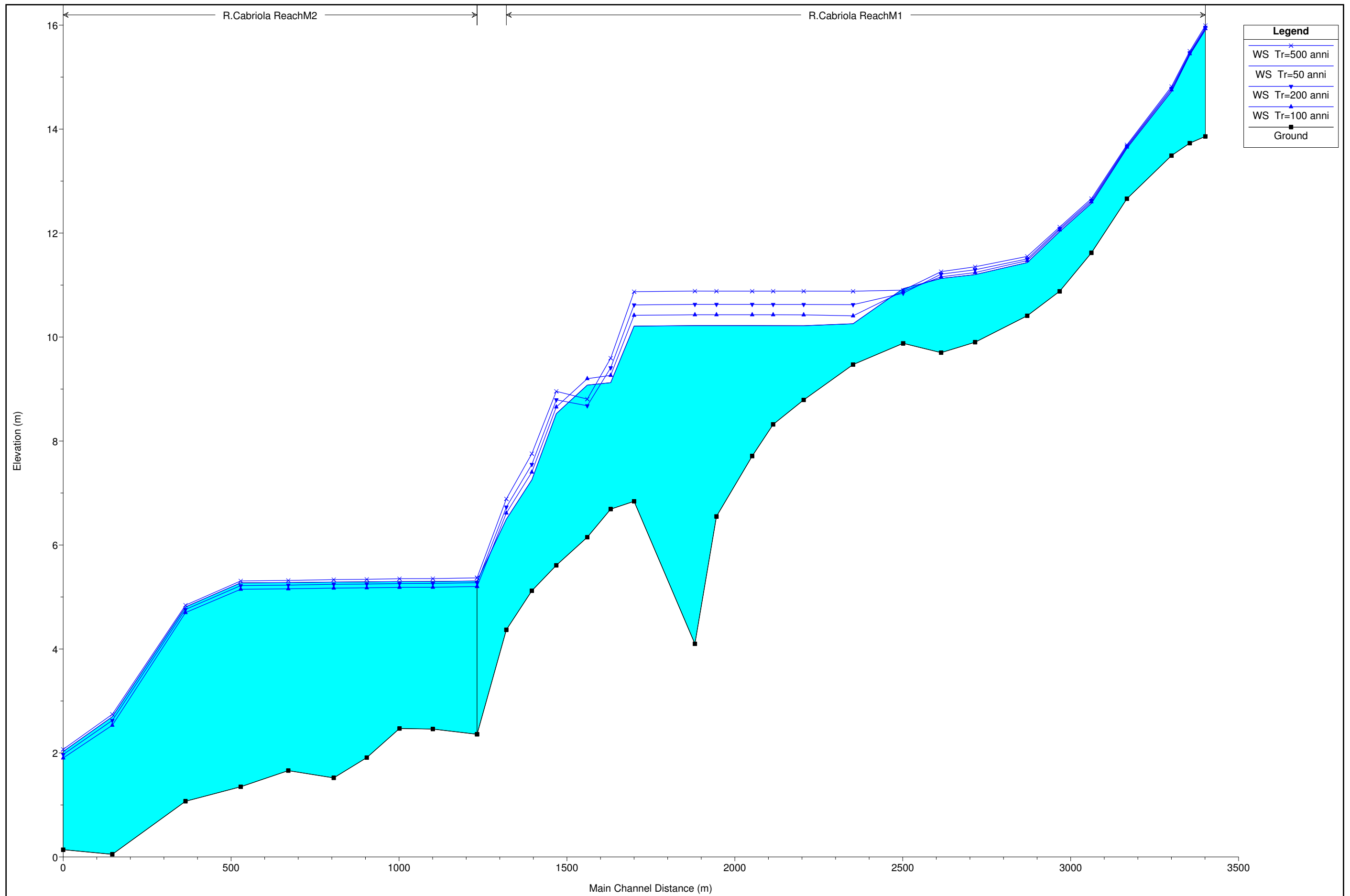






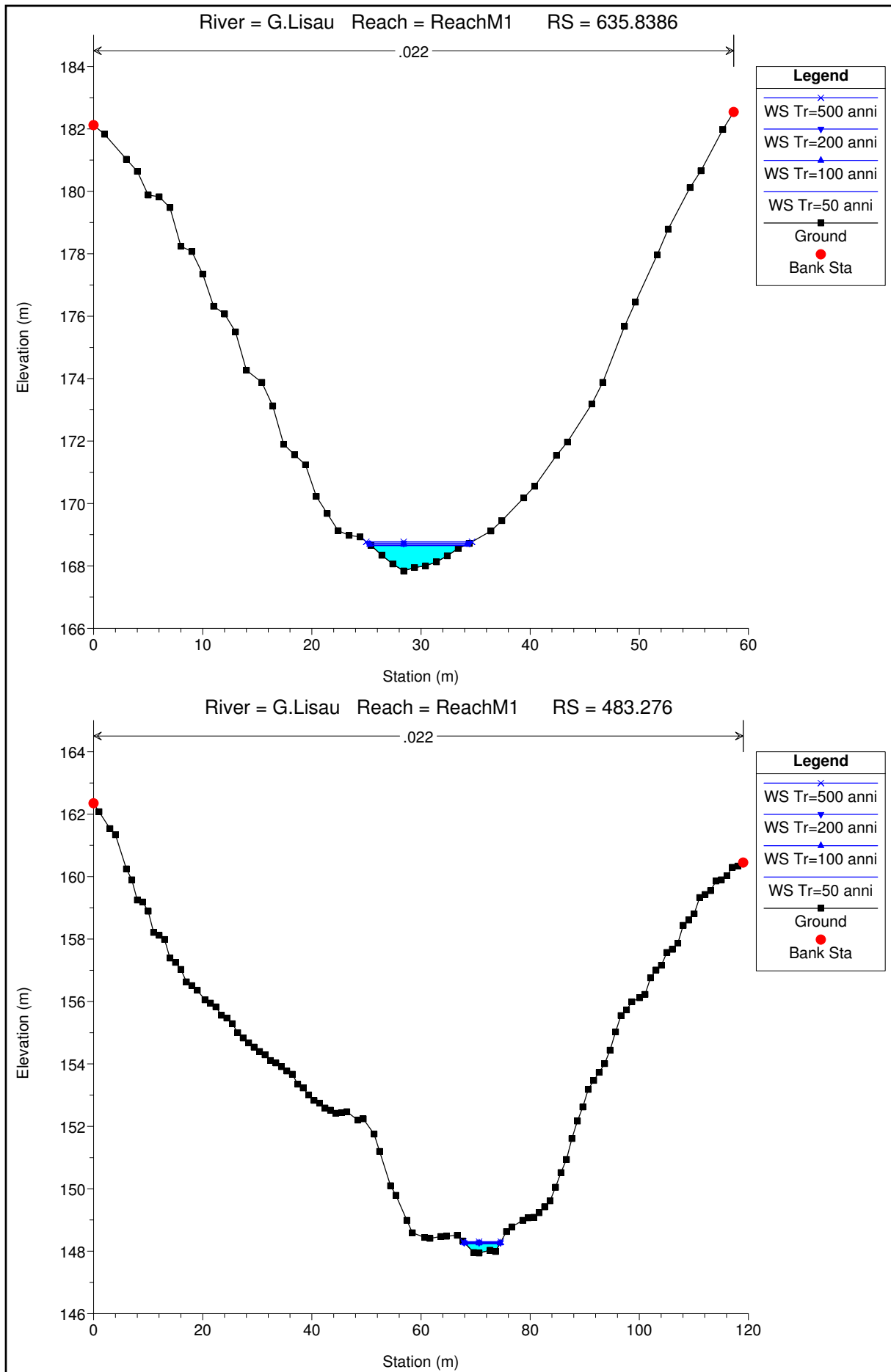


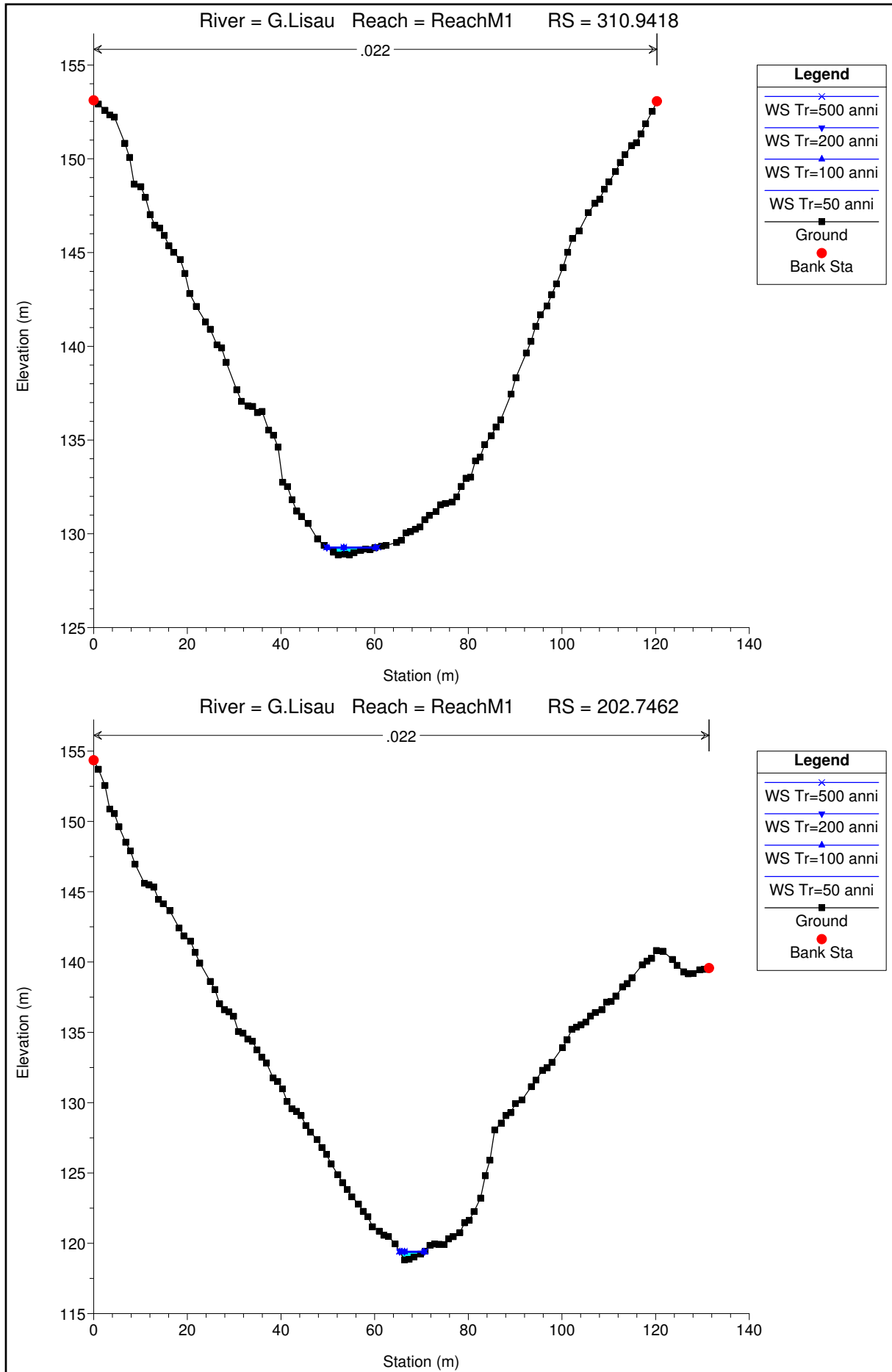


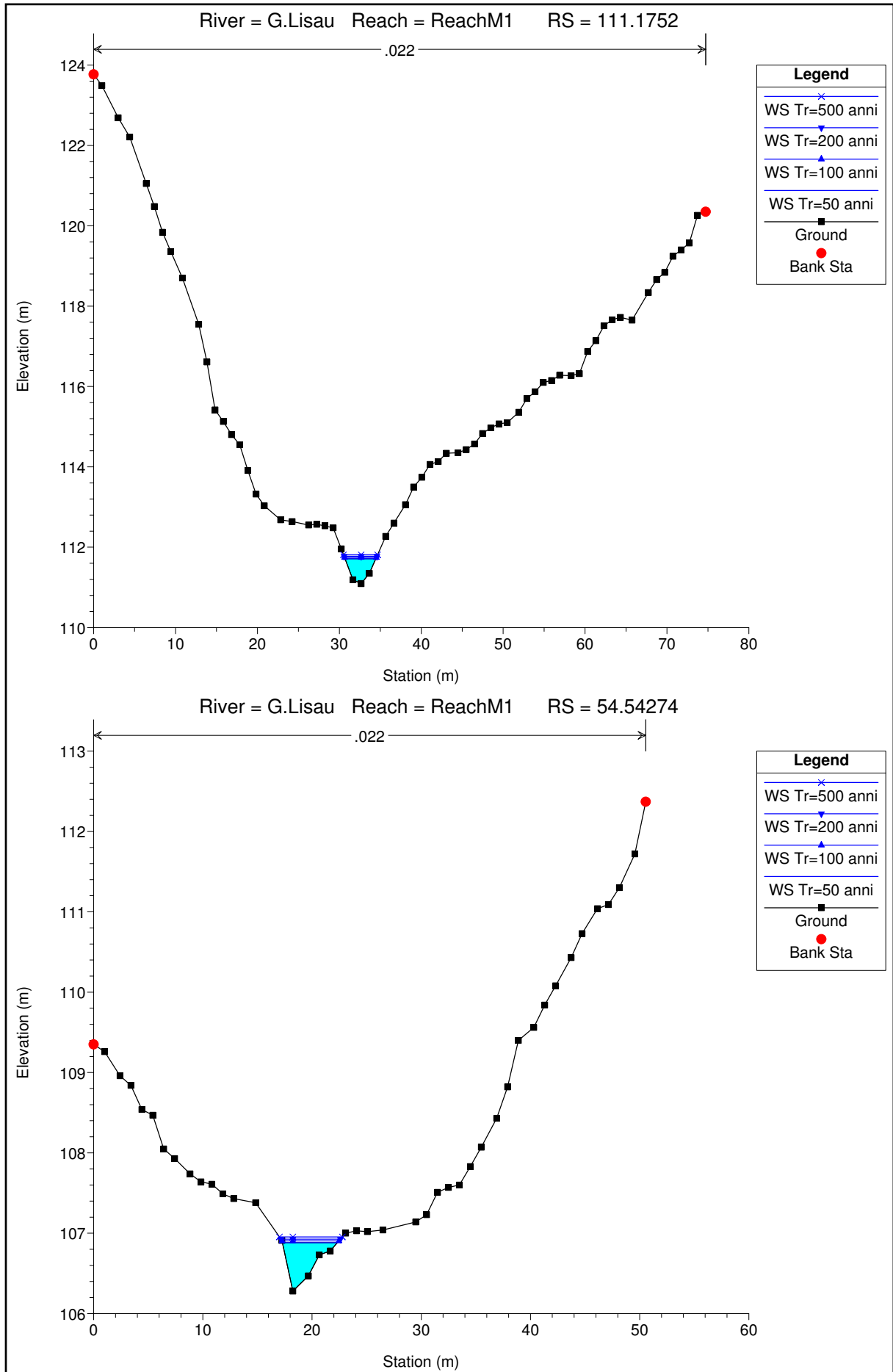


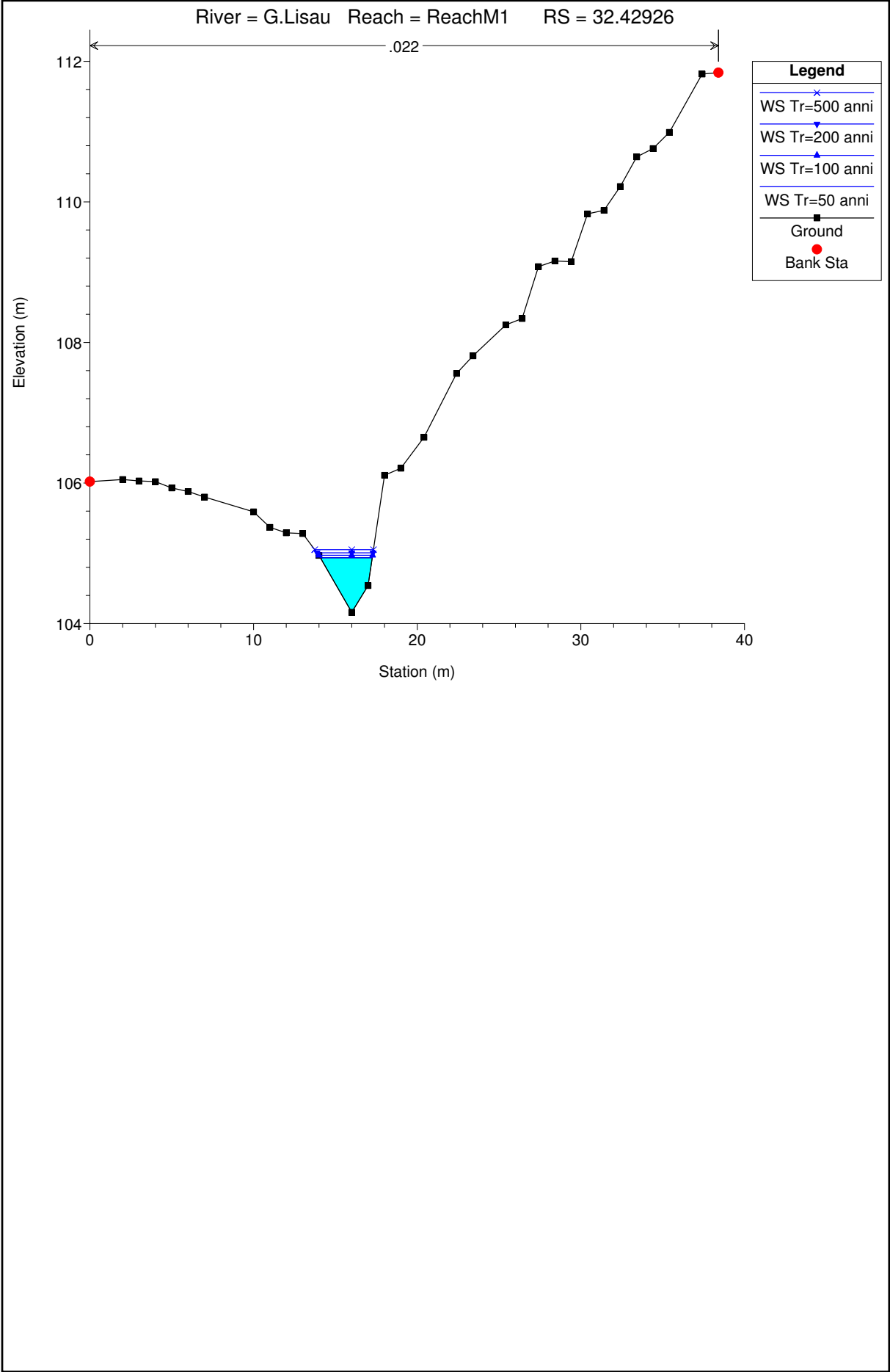
A - Bacino Sa Masa

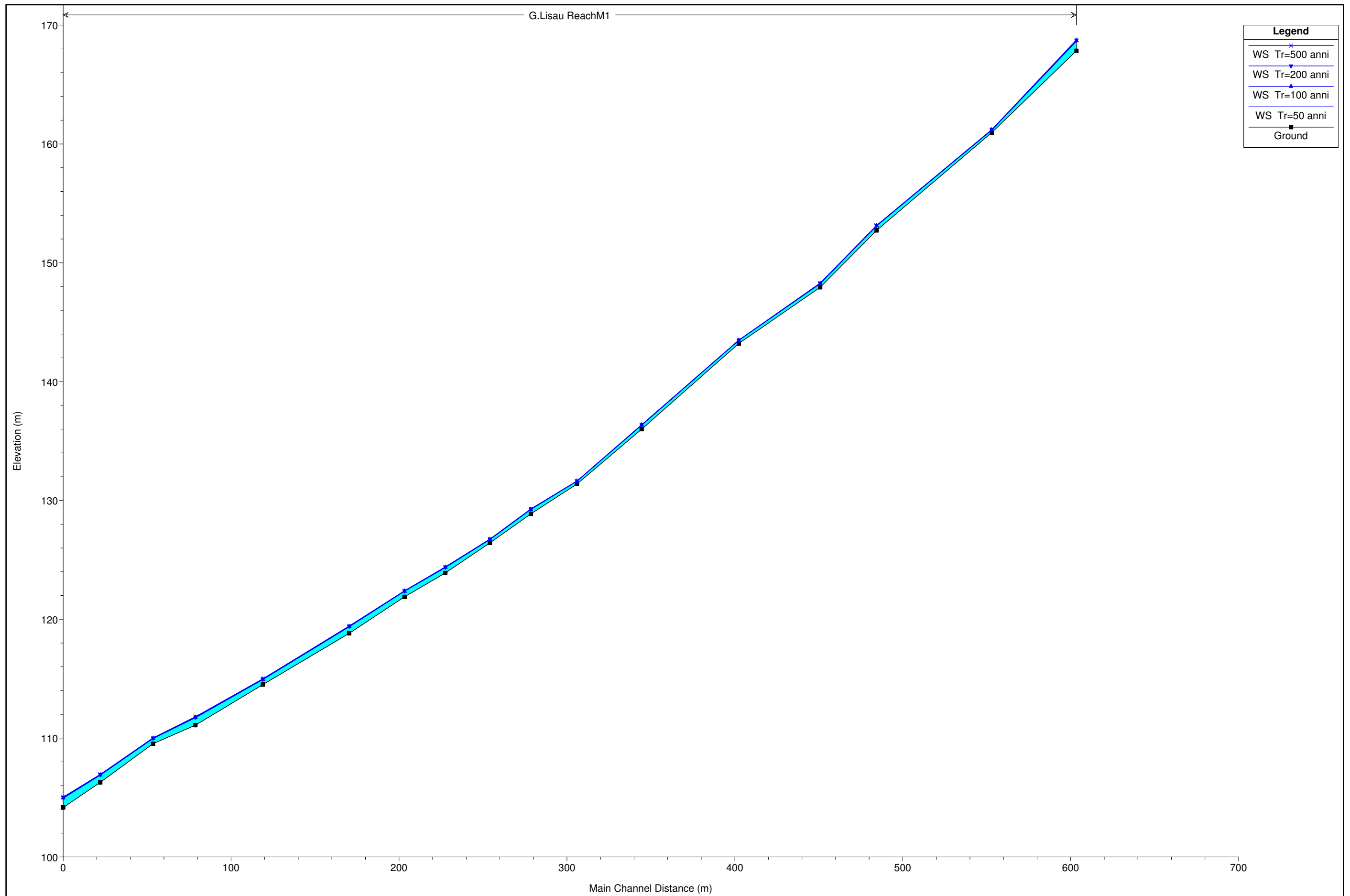
Gutturu Lisau





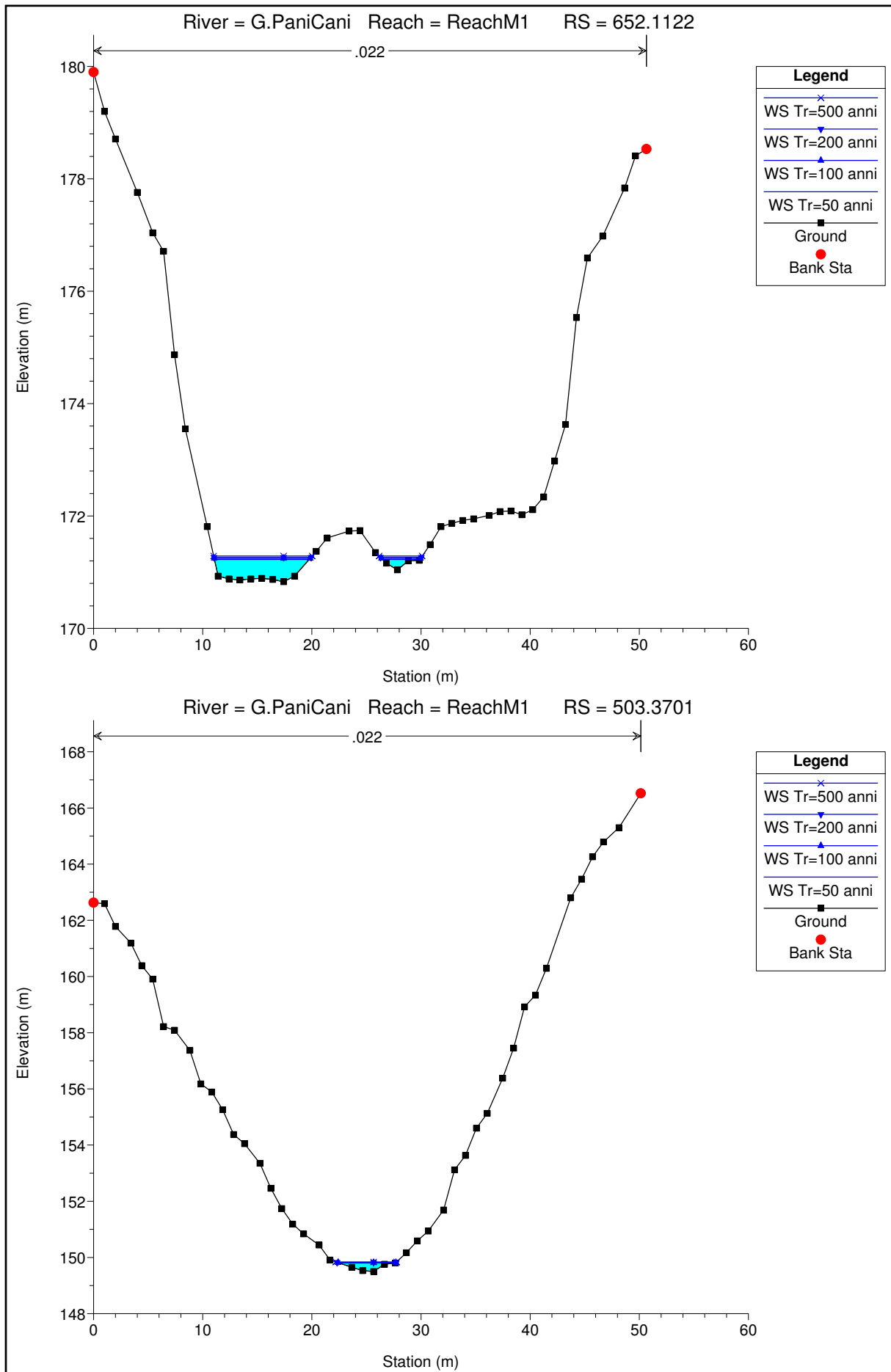


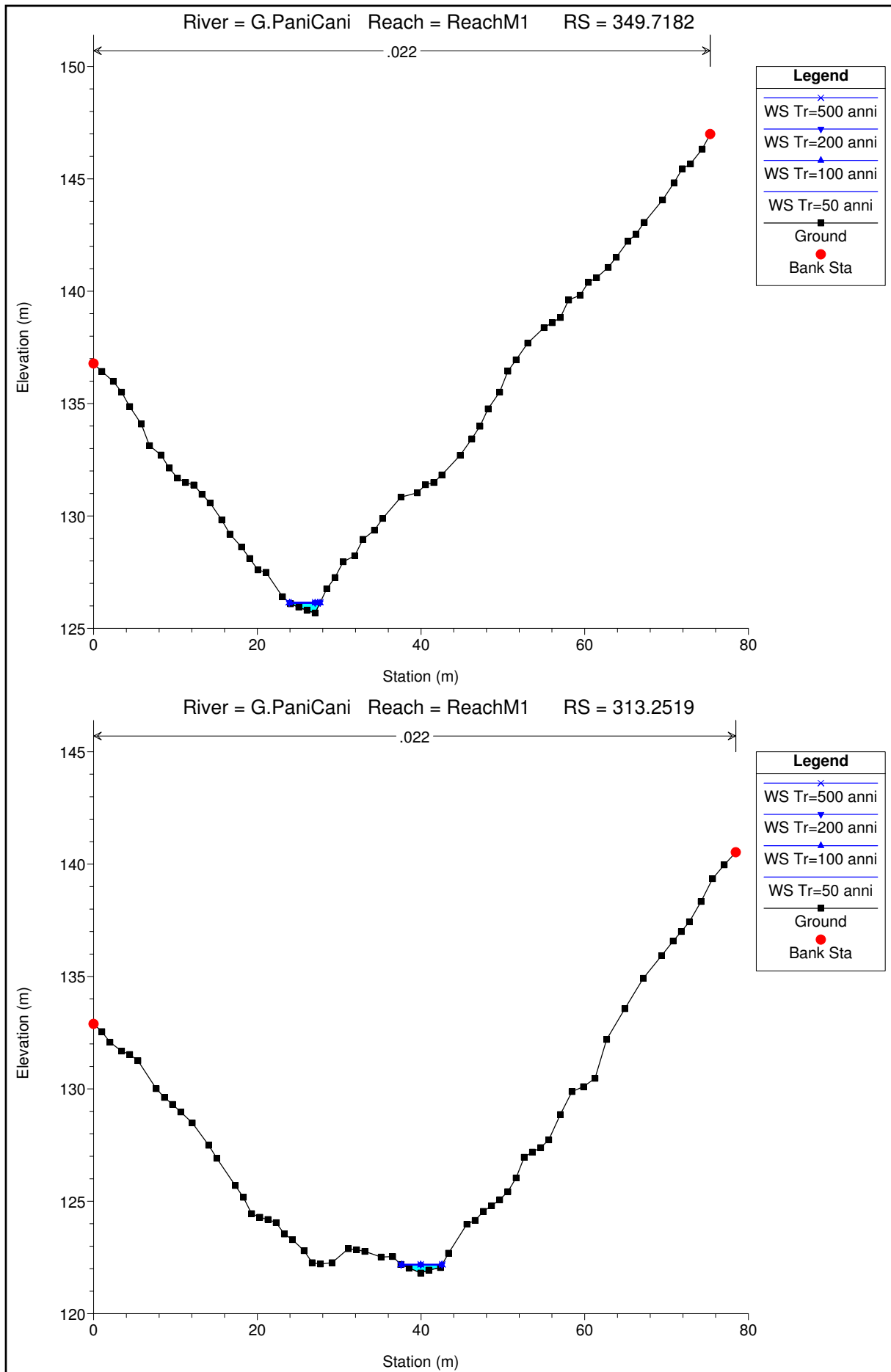


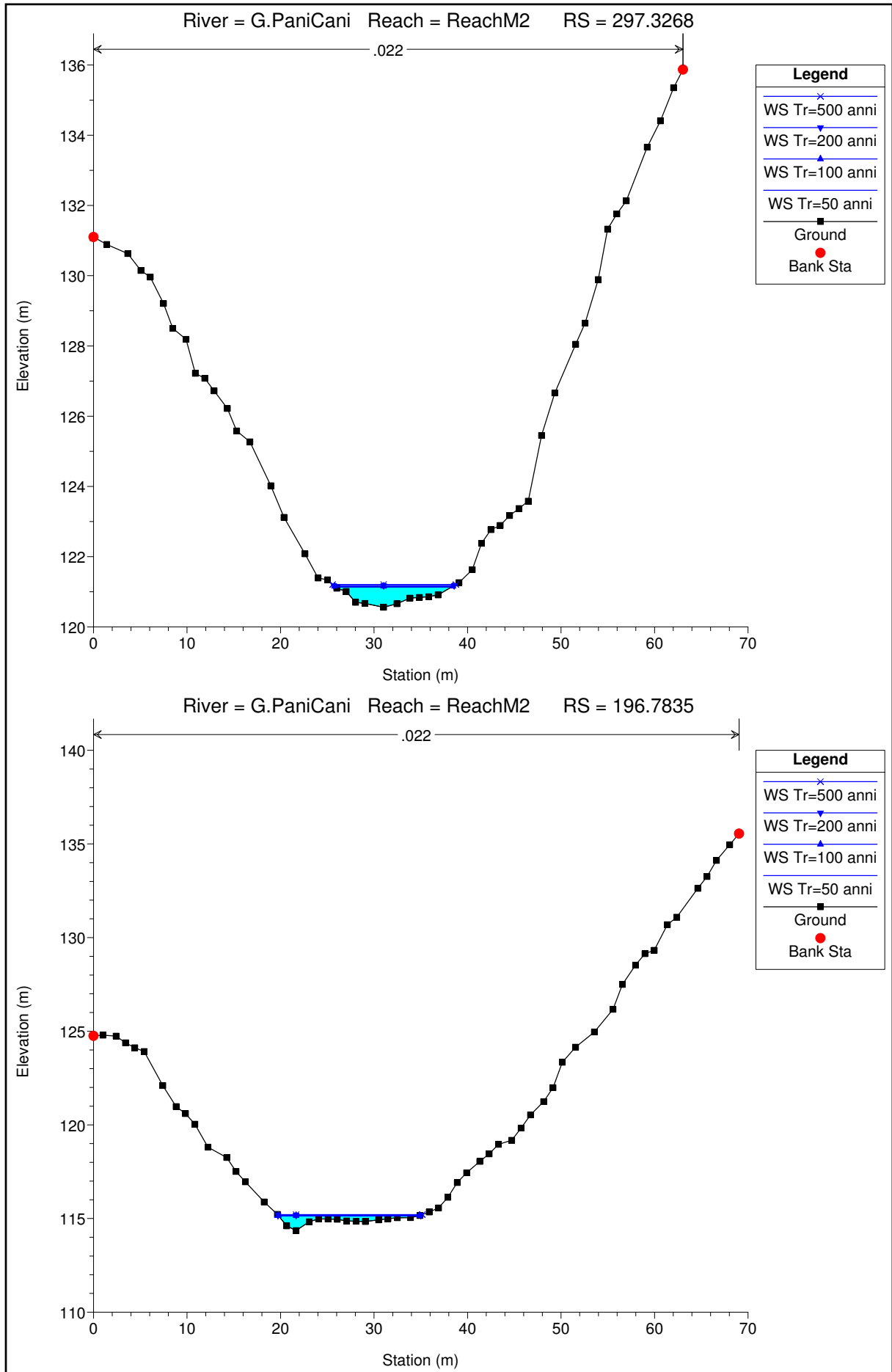


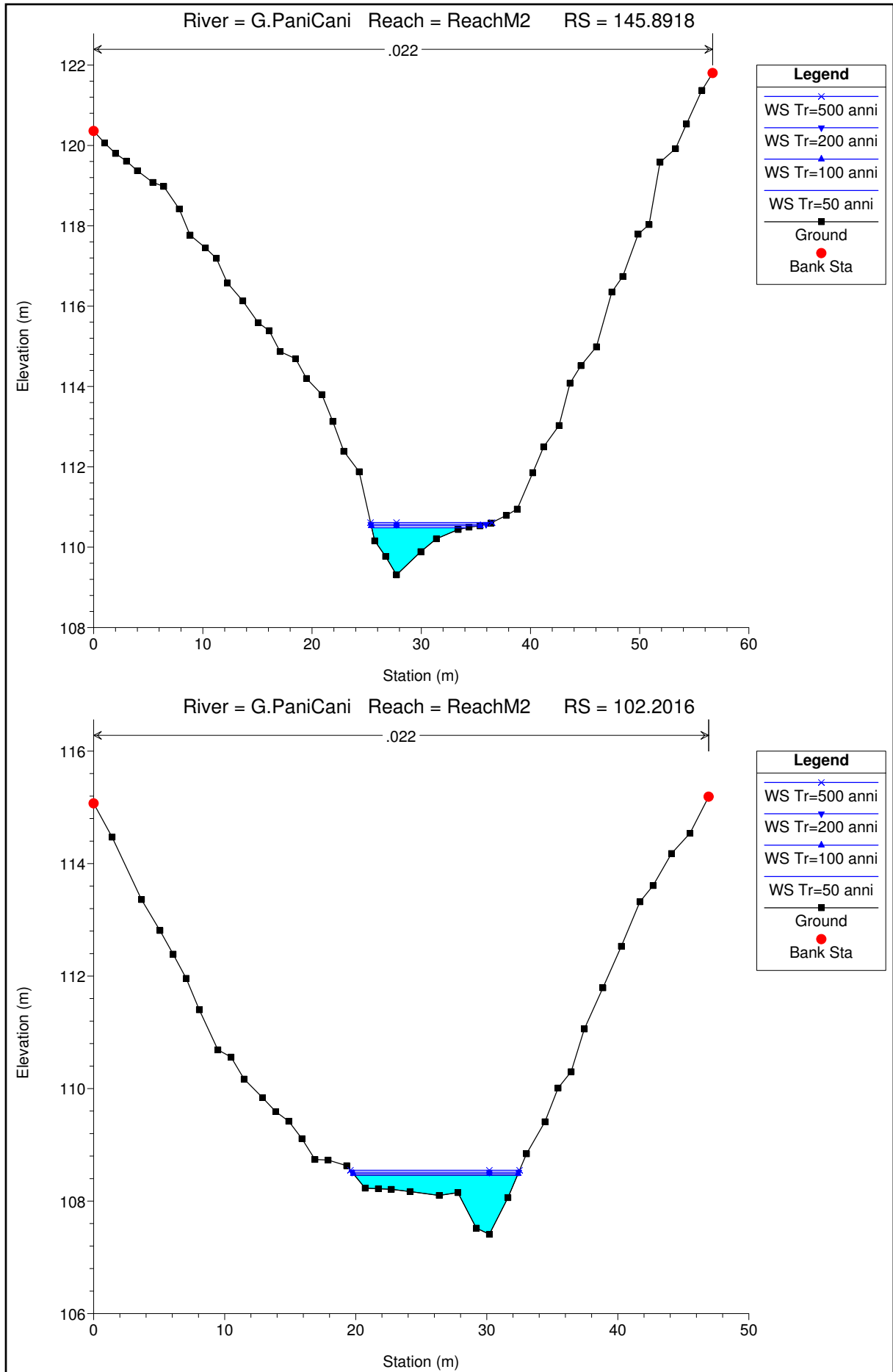
A - Bacino Sa Masa

Gutturu PaniCani

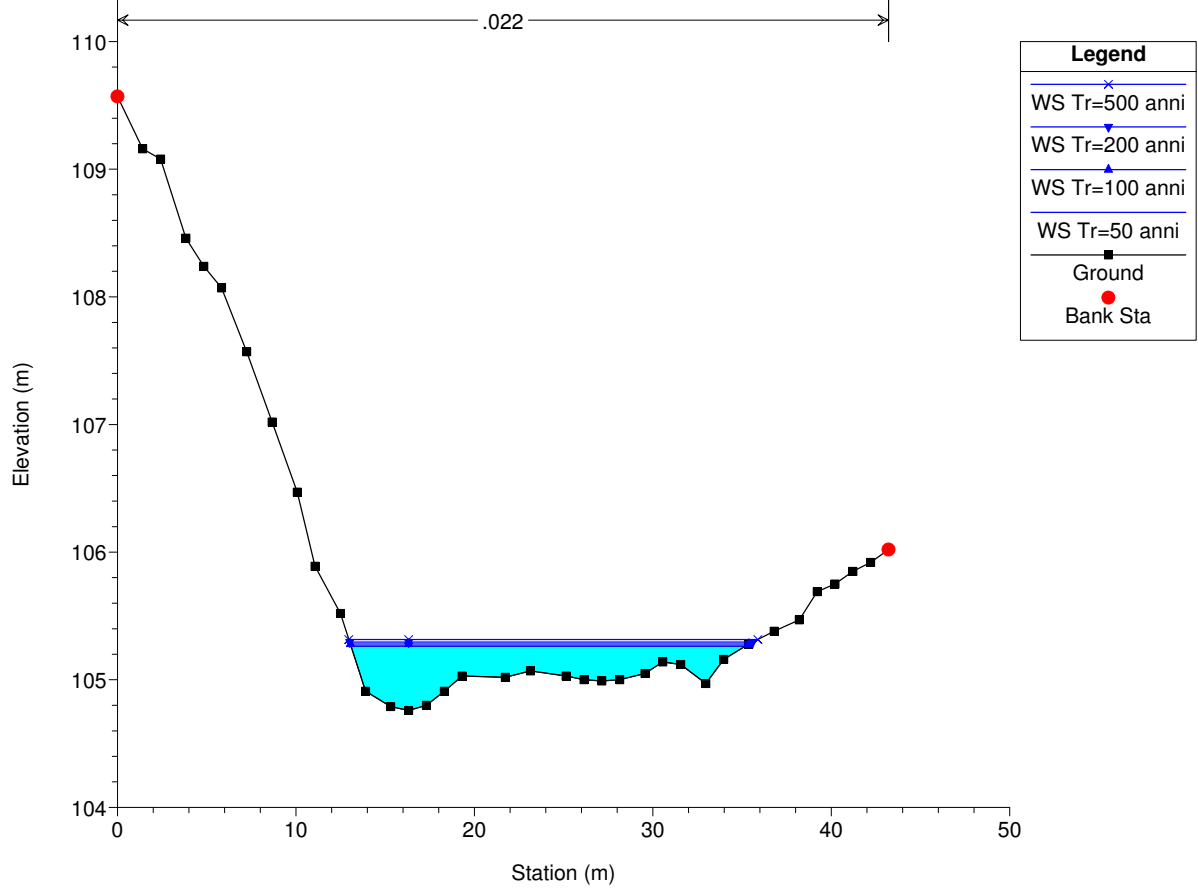


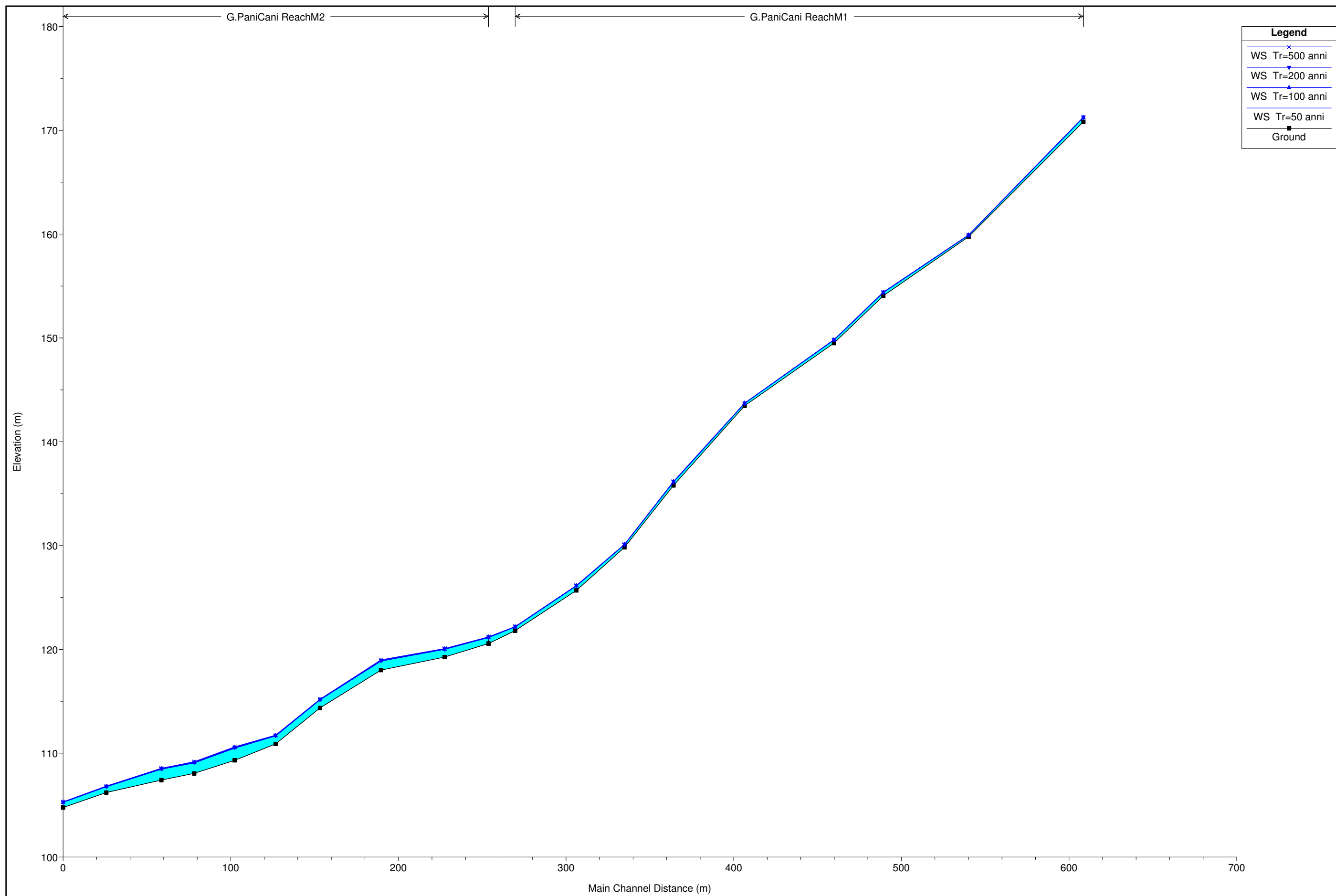






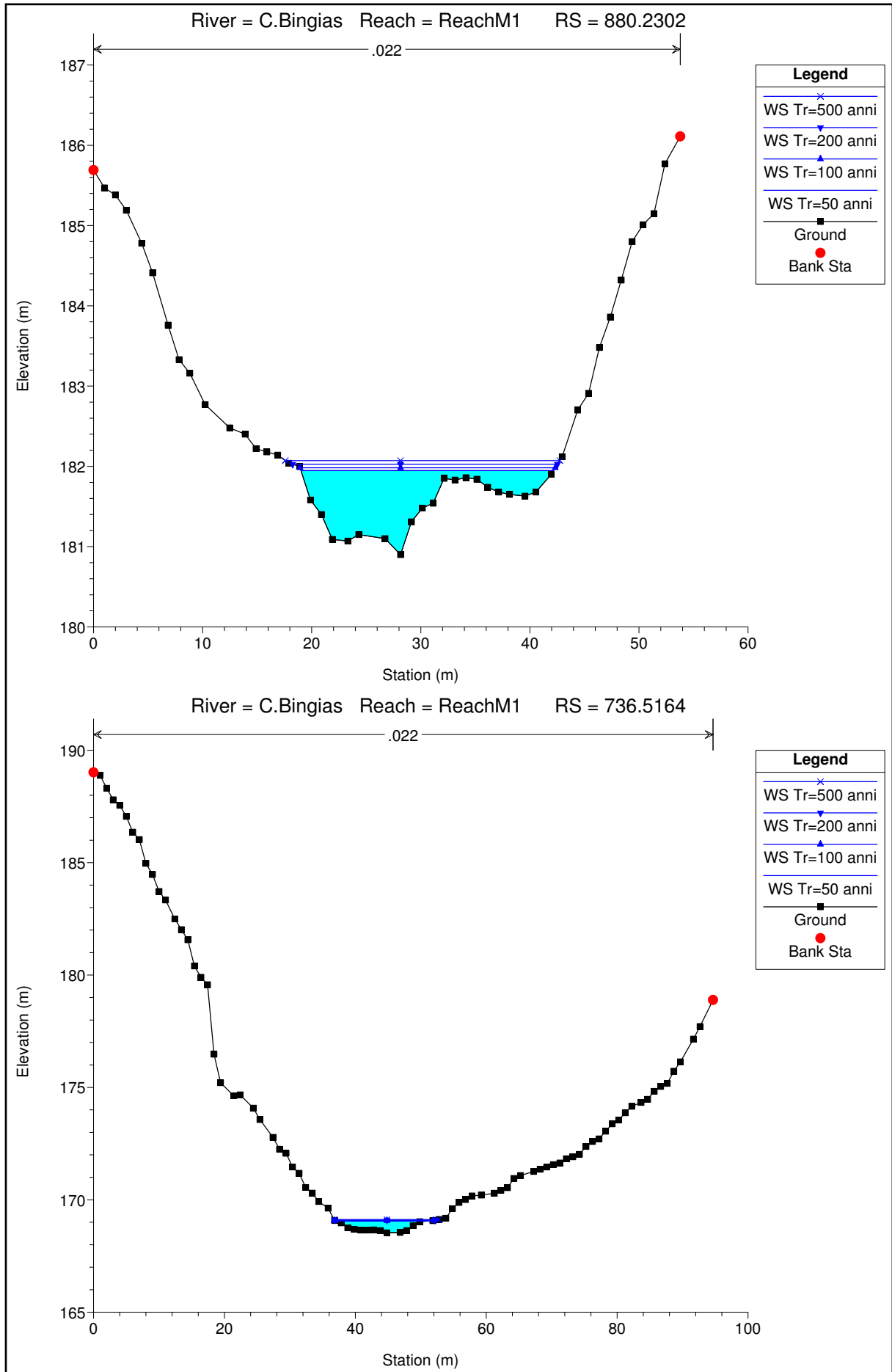
River = G.PaniCani Reach = ReachM2 RS = 43.56633

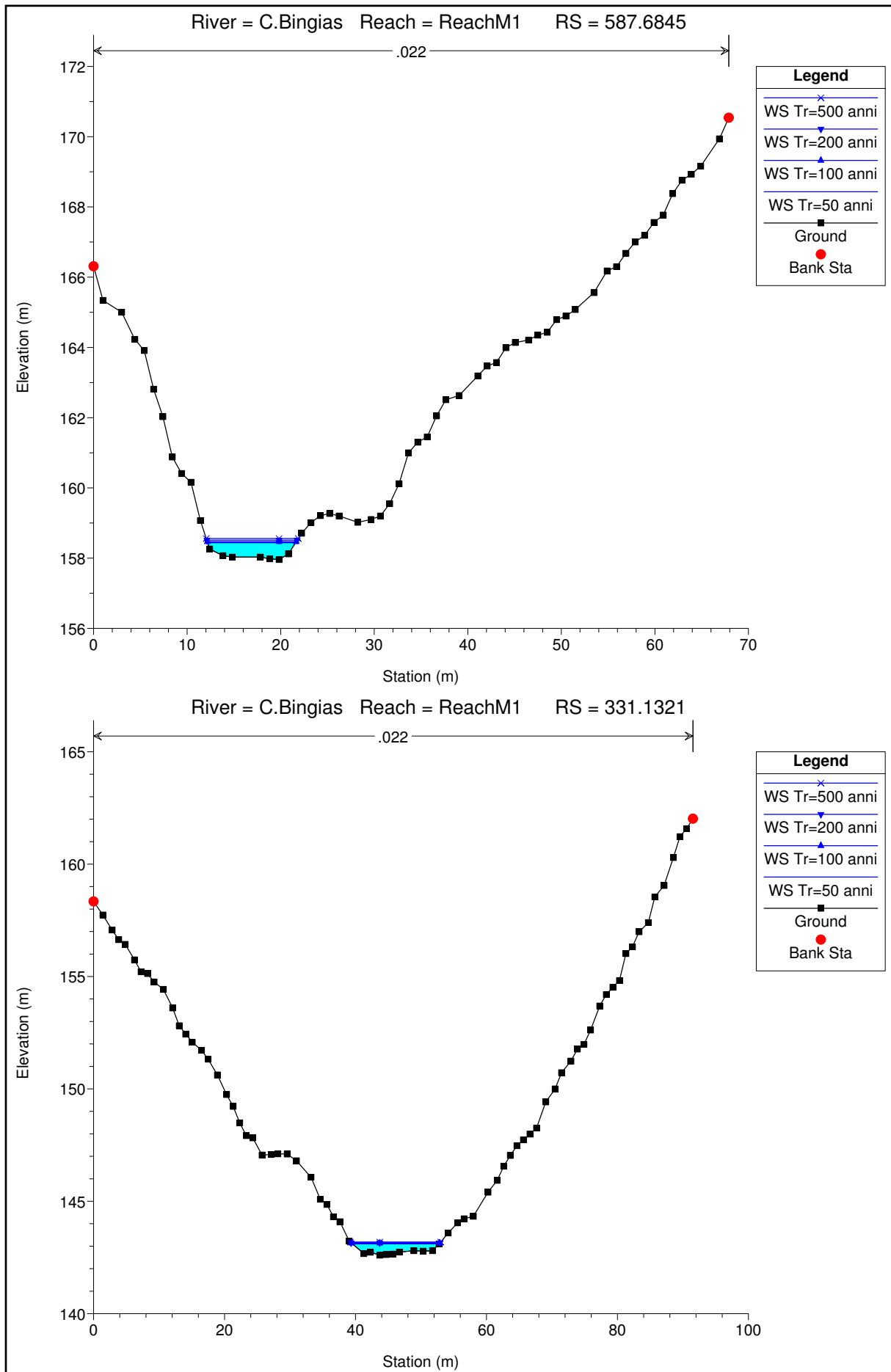


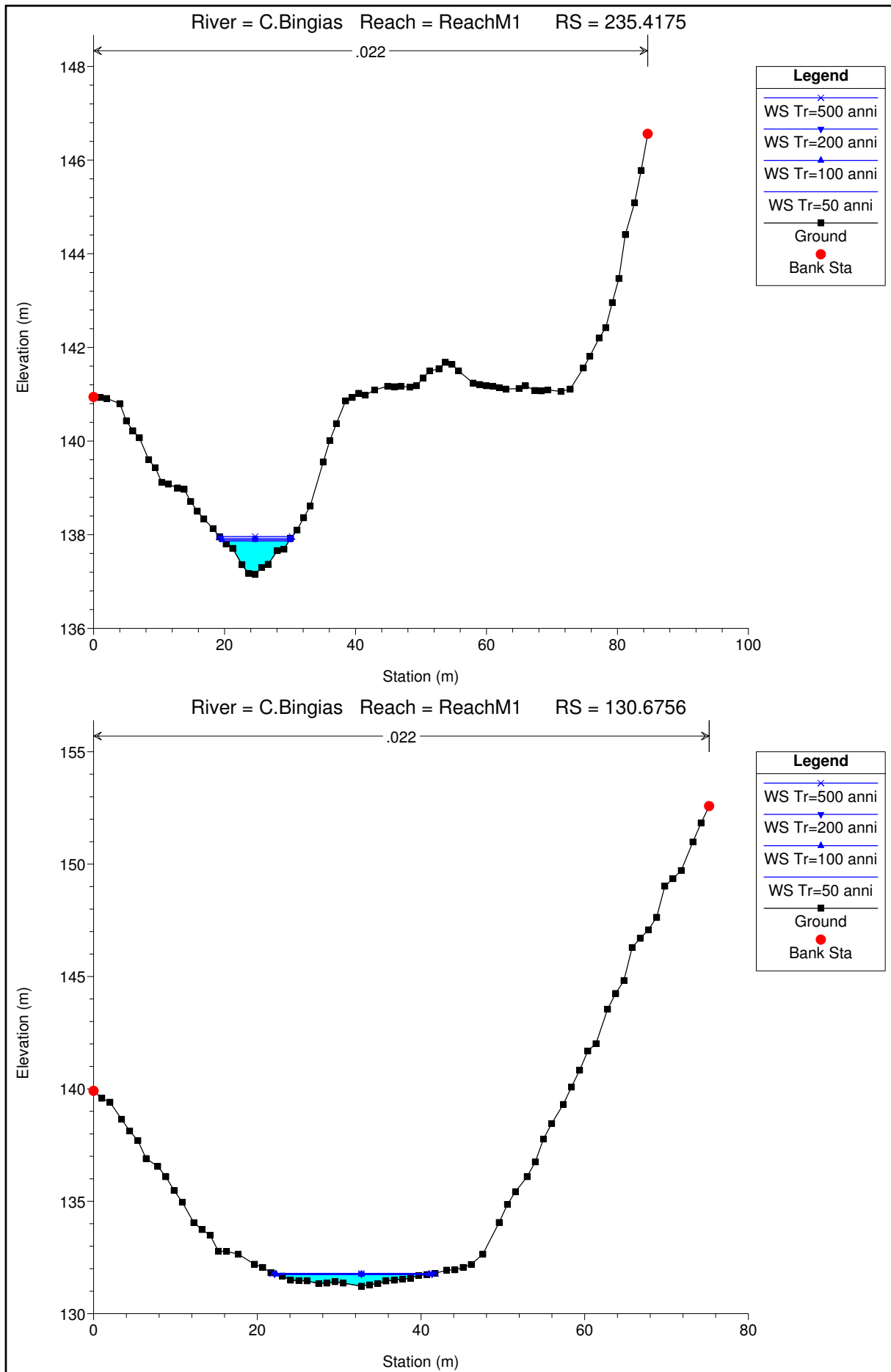


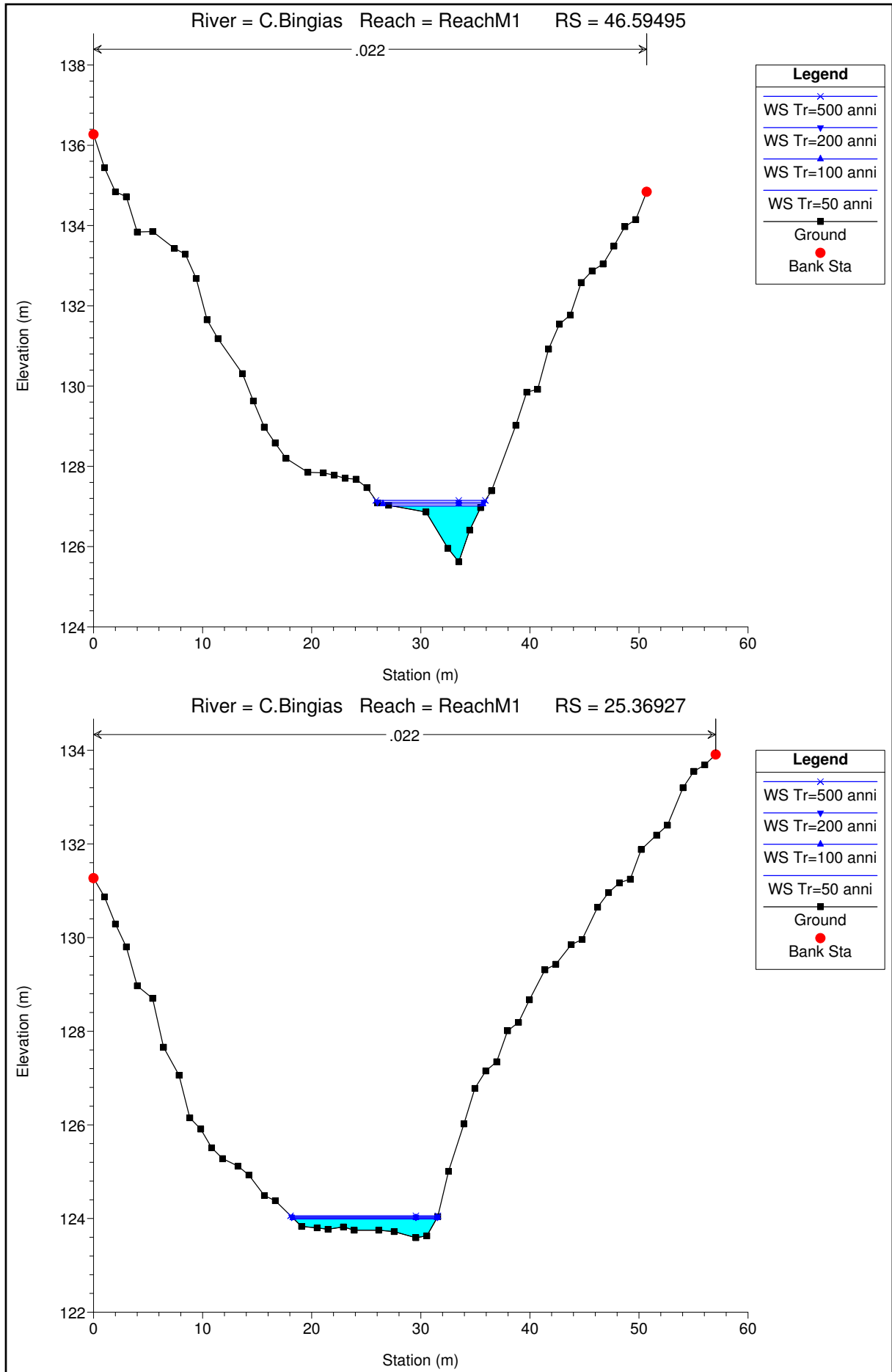
A - Bacino Sa Masa

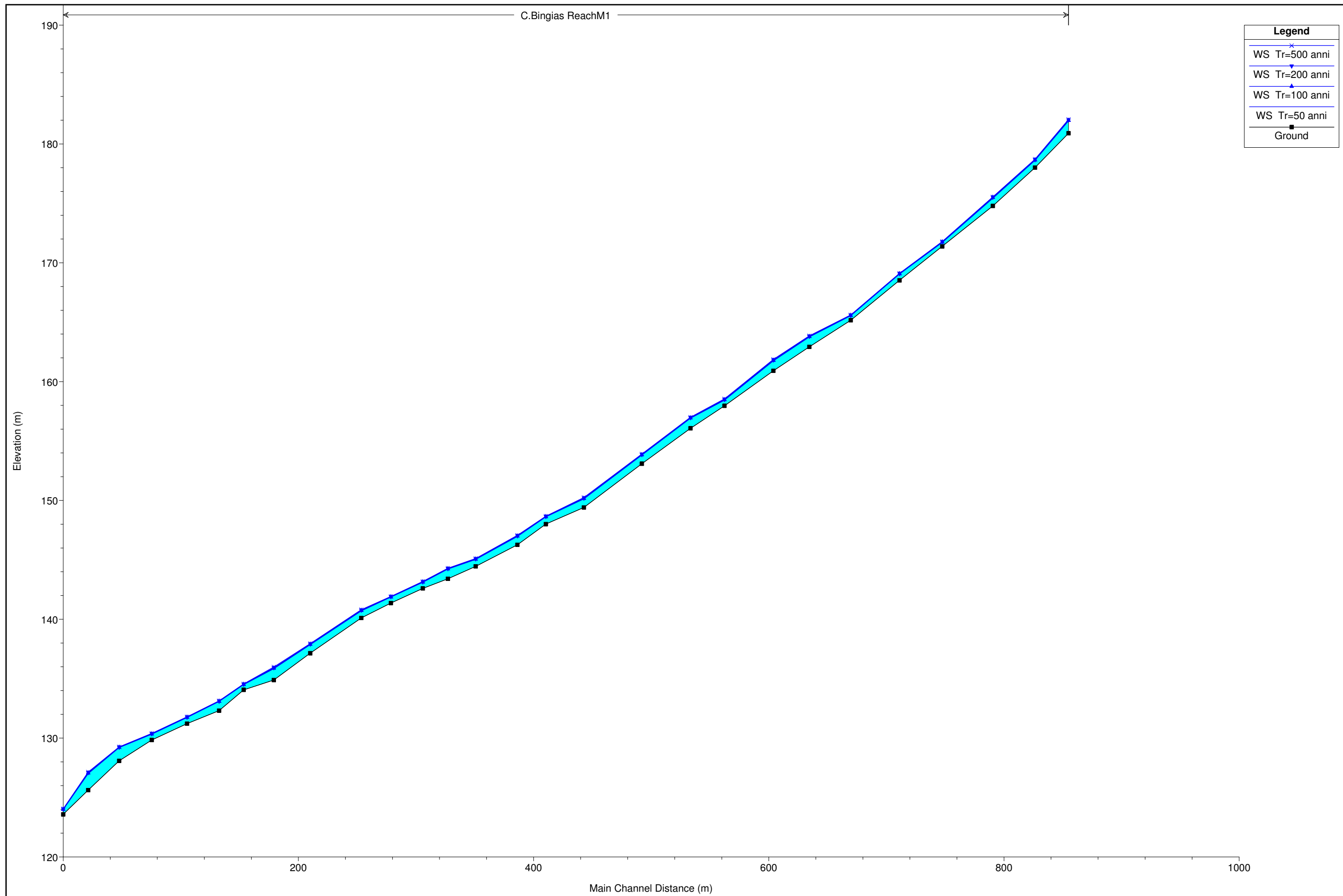
Canale Bingias





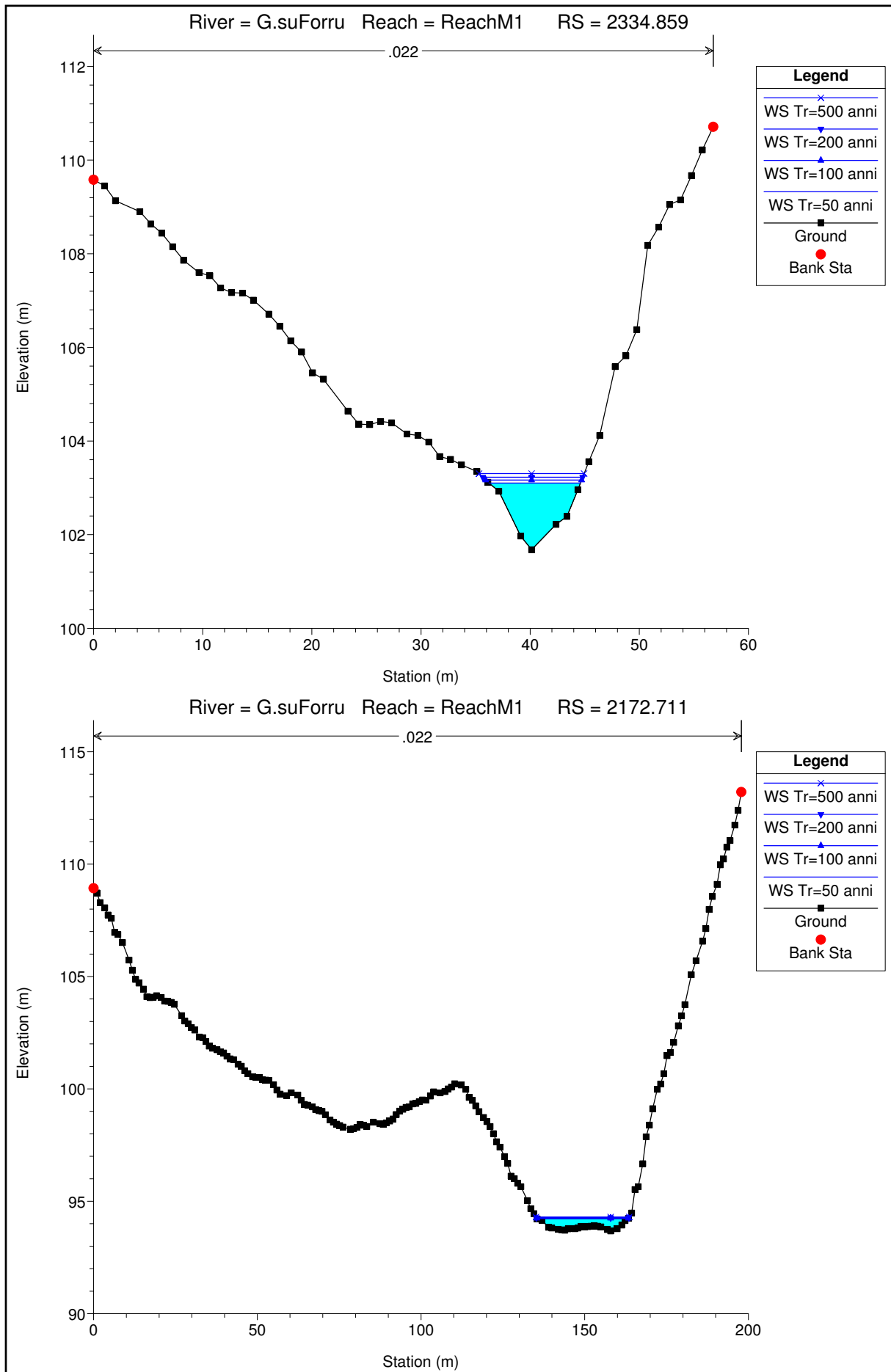


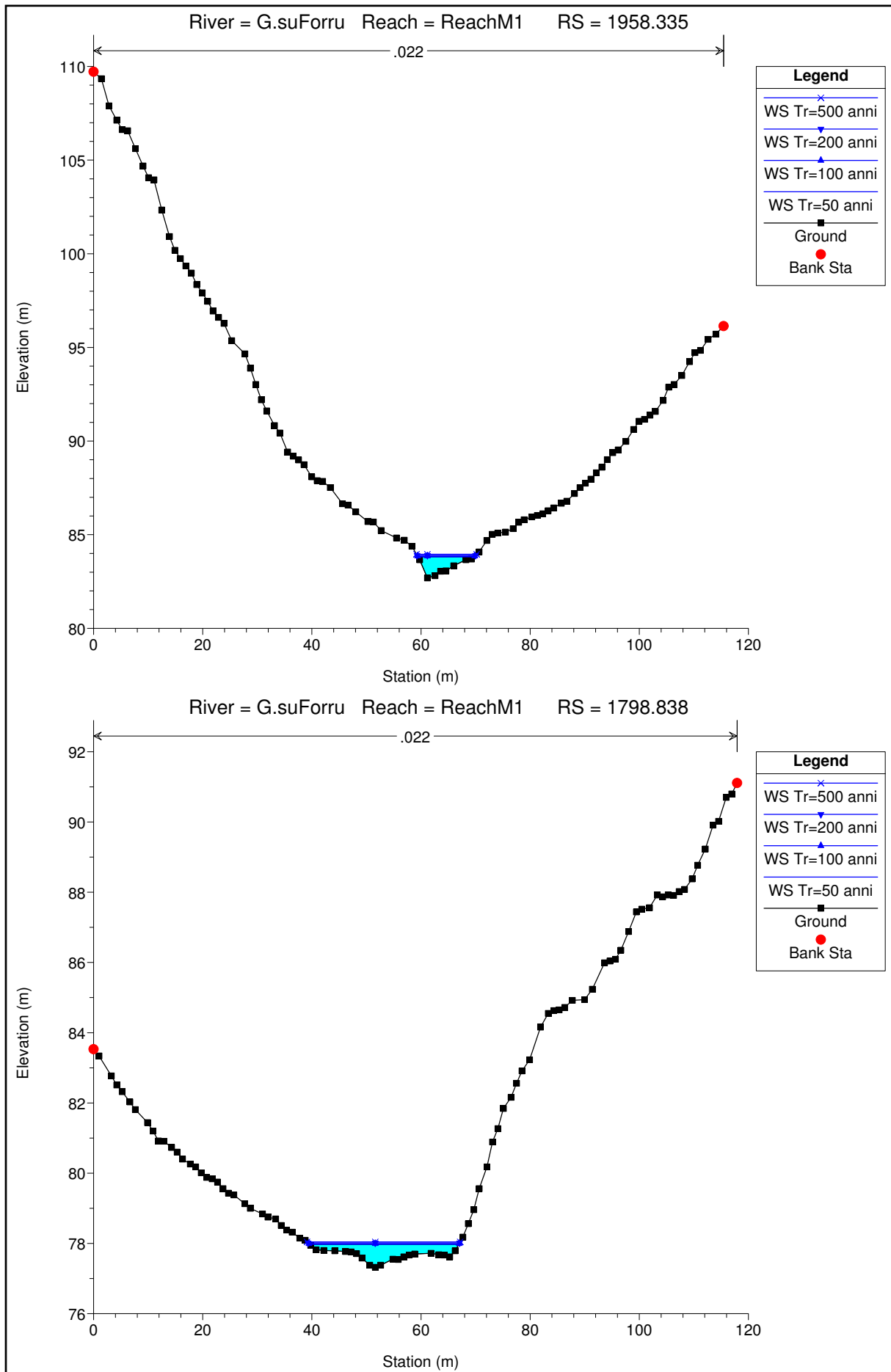


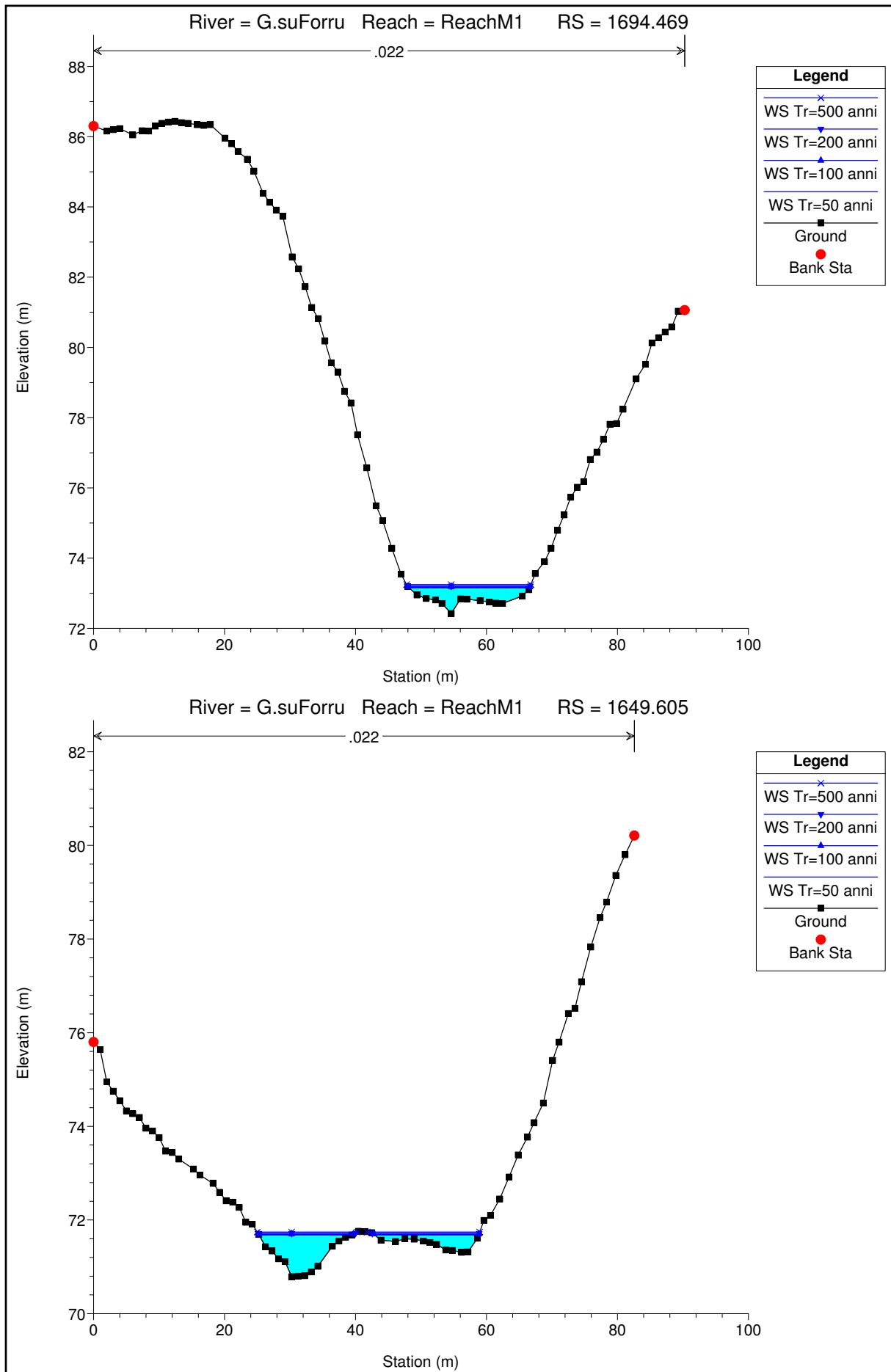


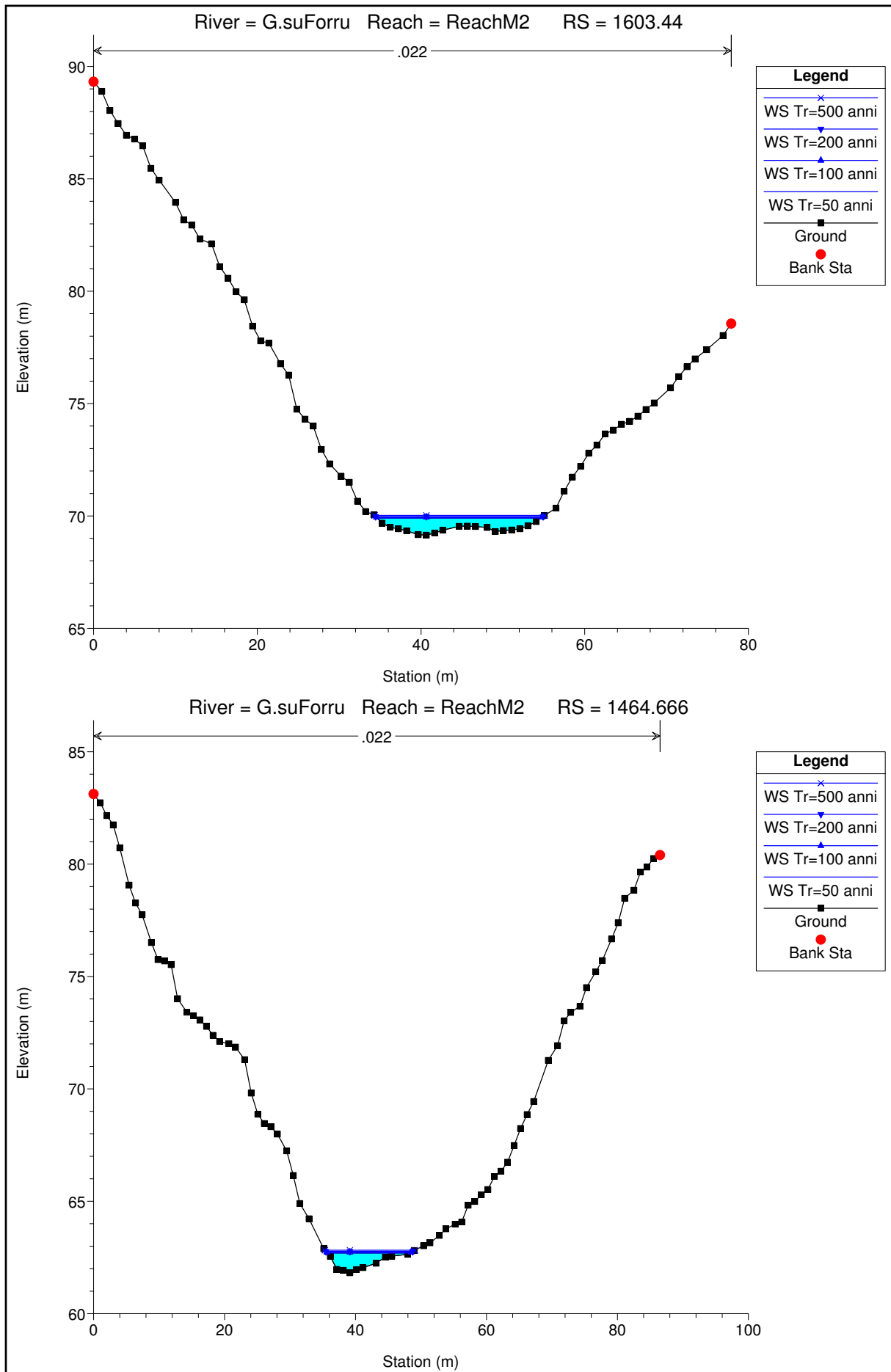
A - Bacino Sa Masa

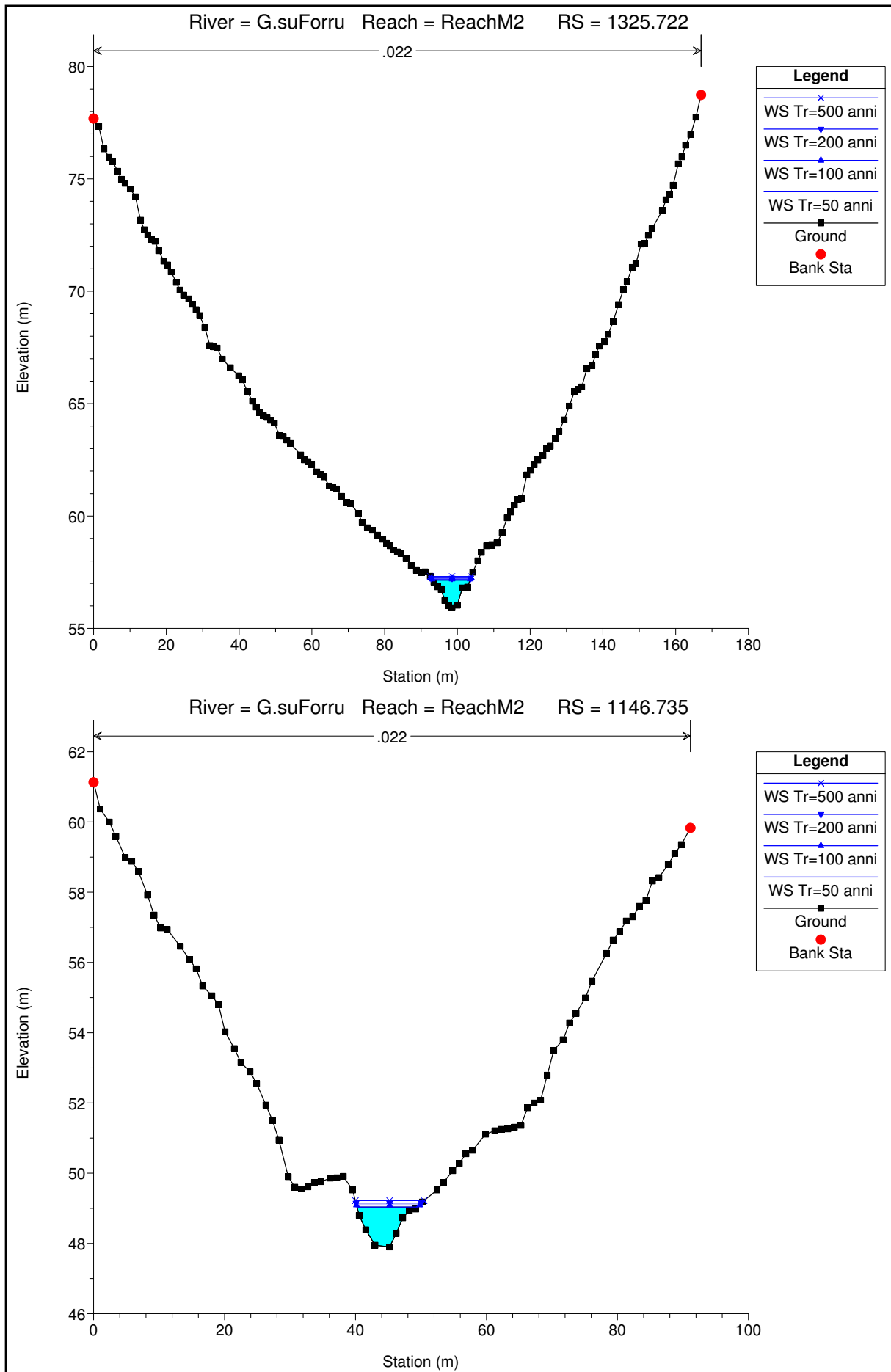
Gutturu Su Forru

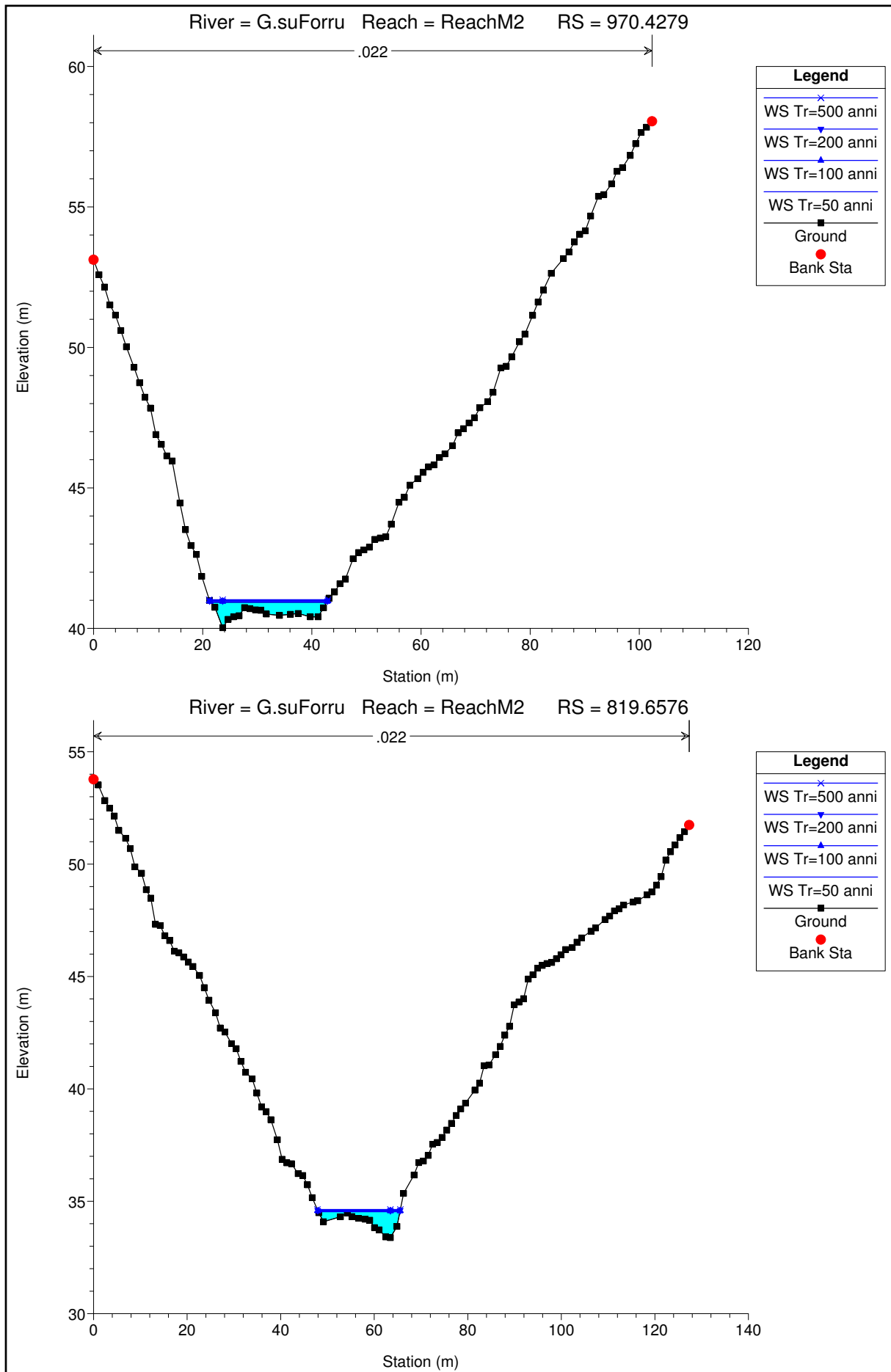


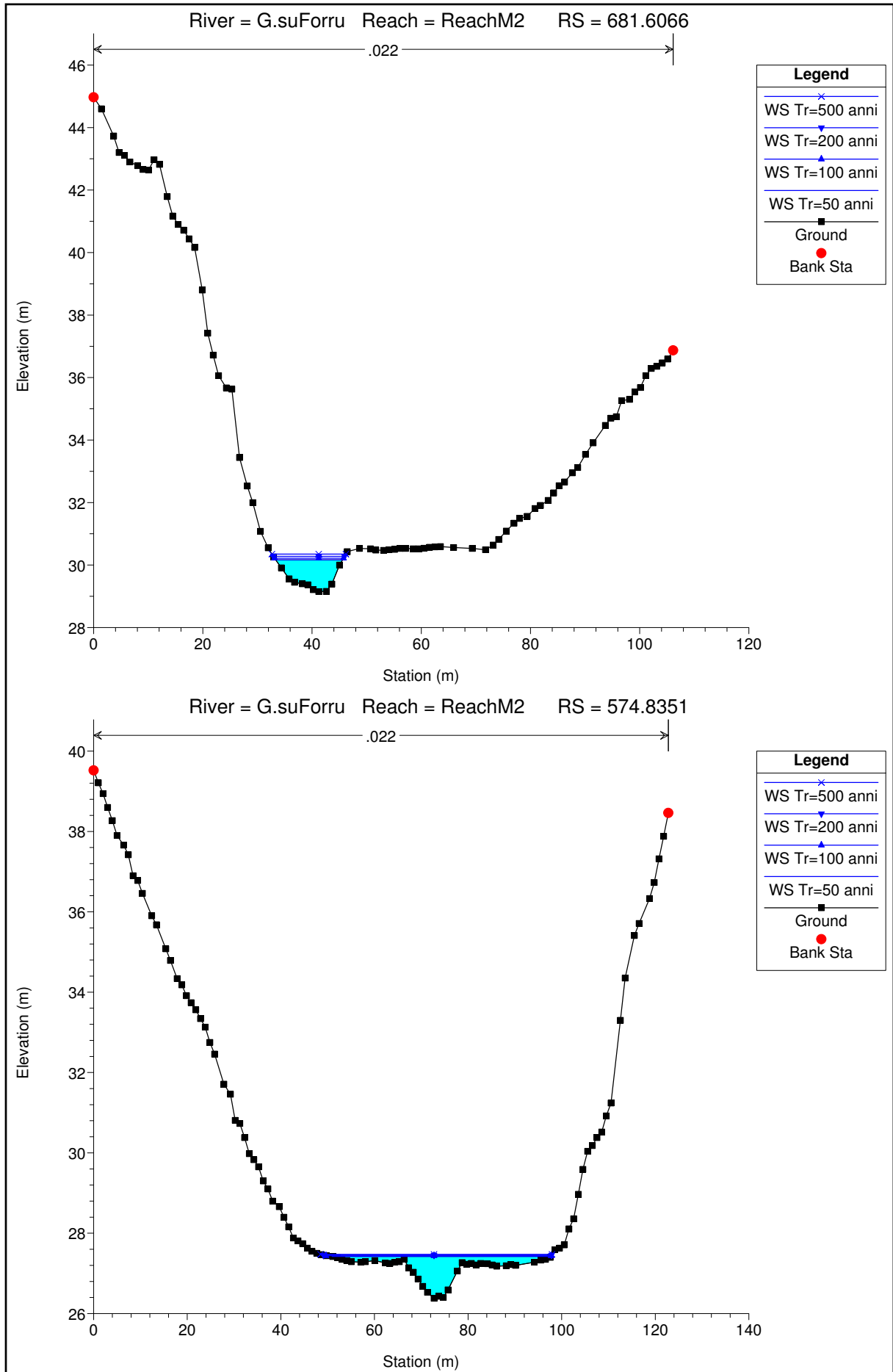


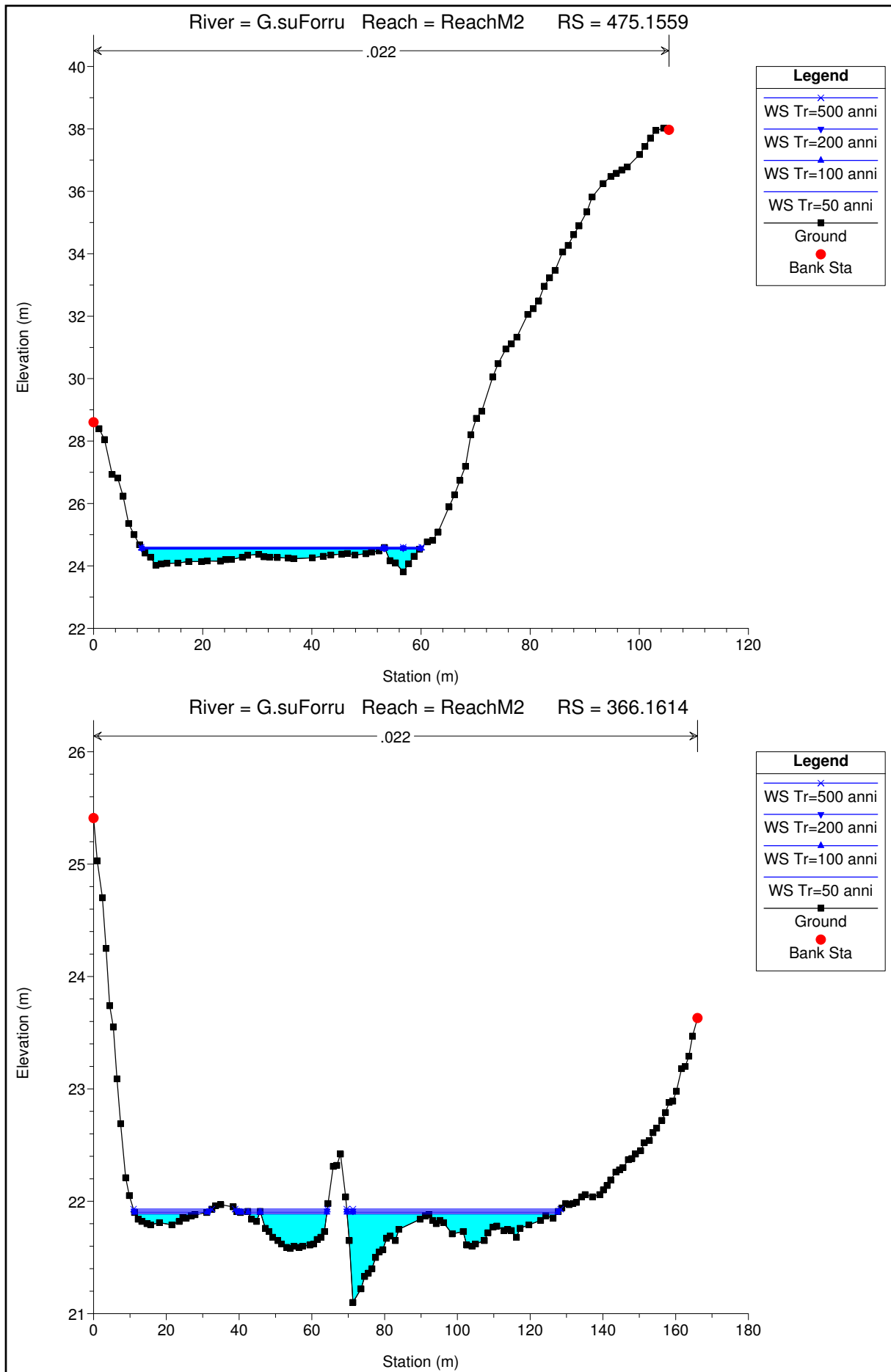


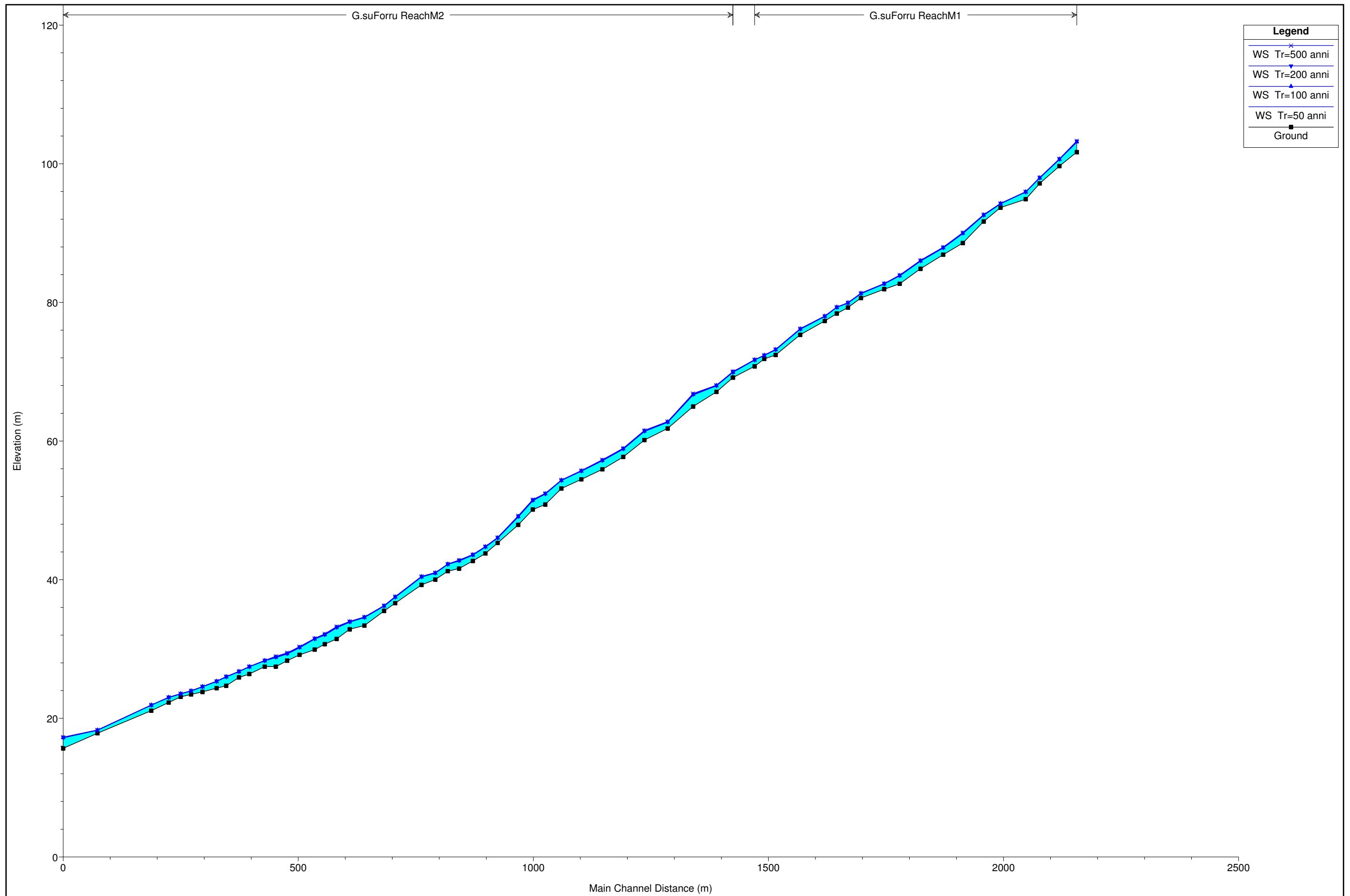






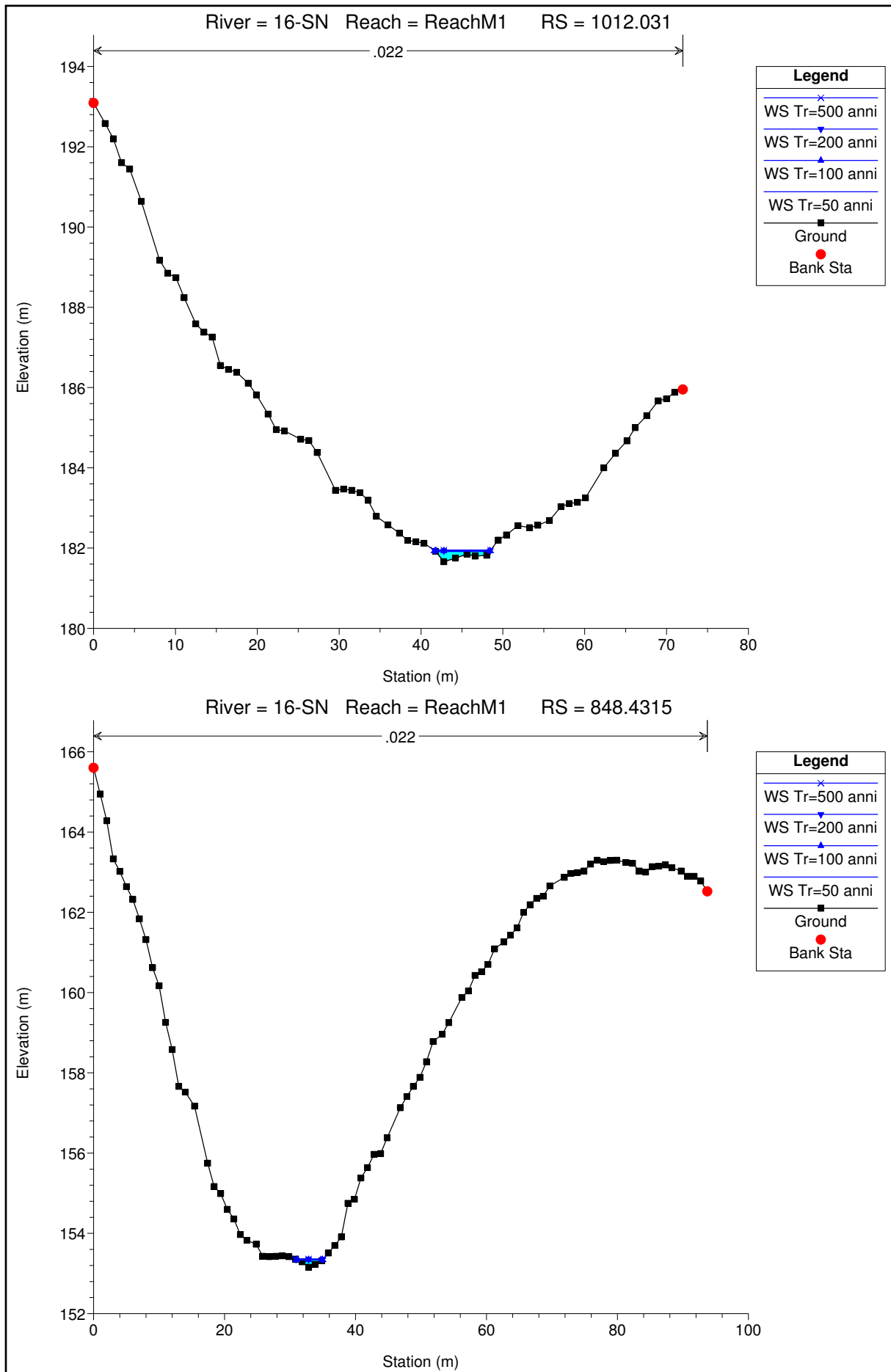


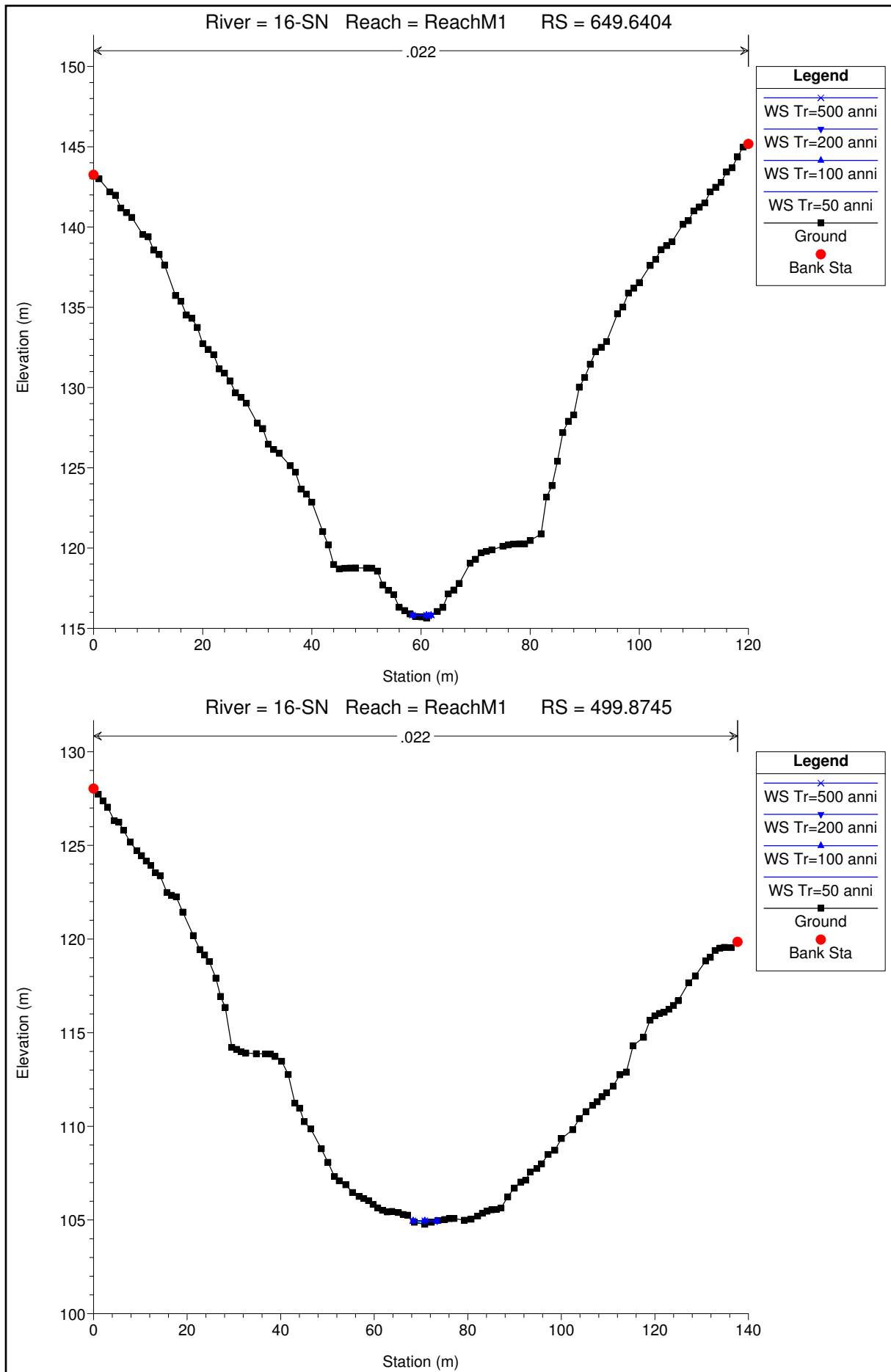


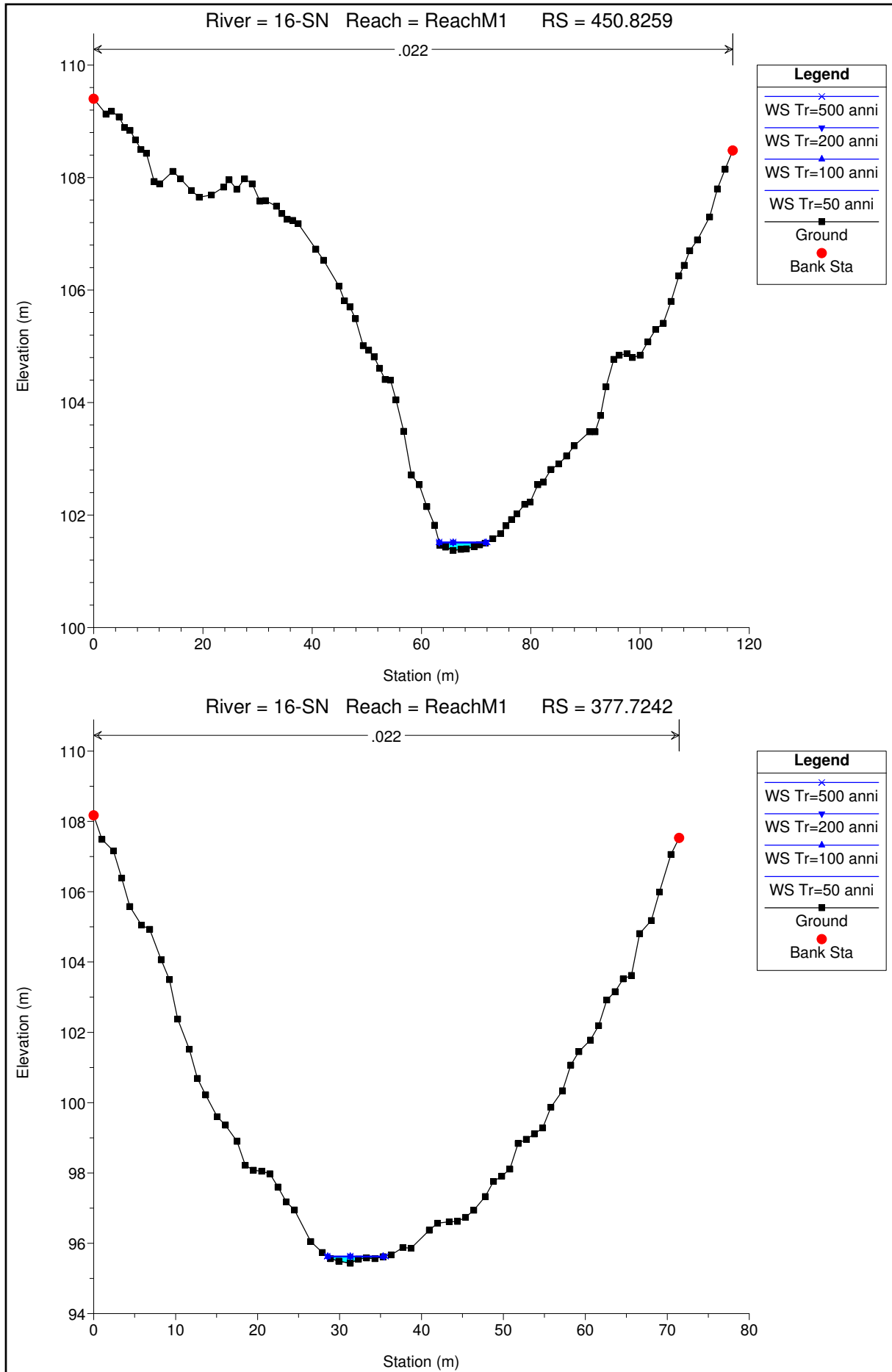


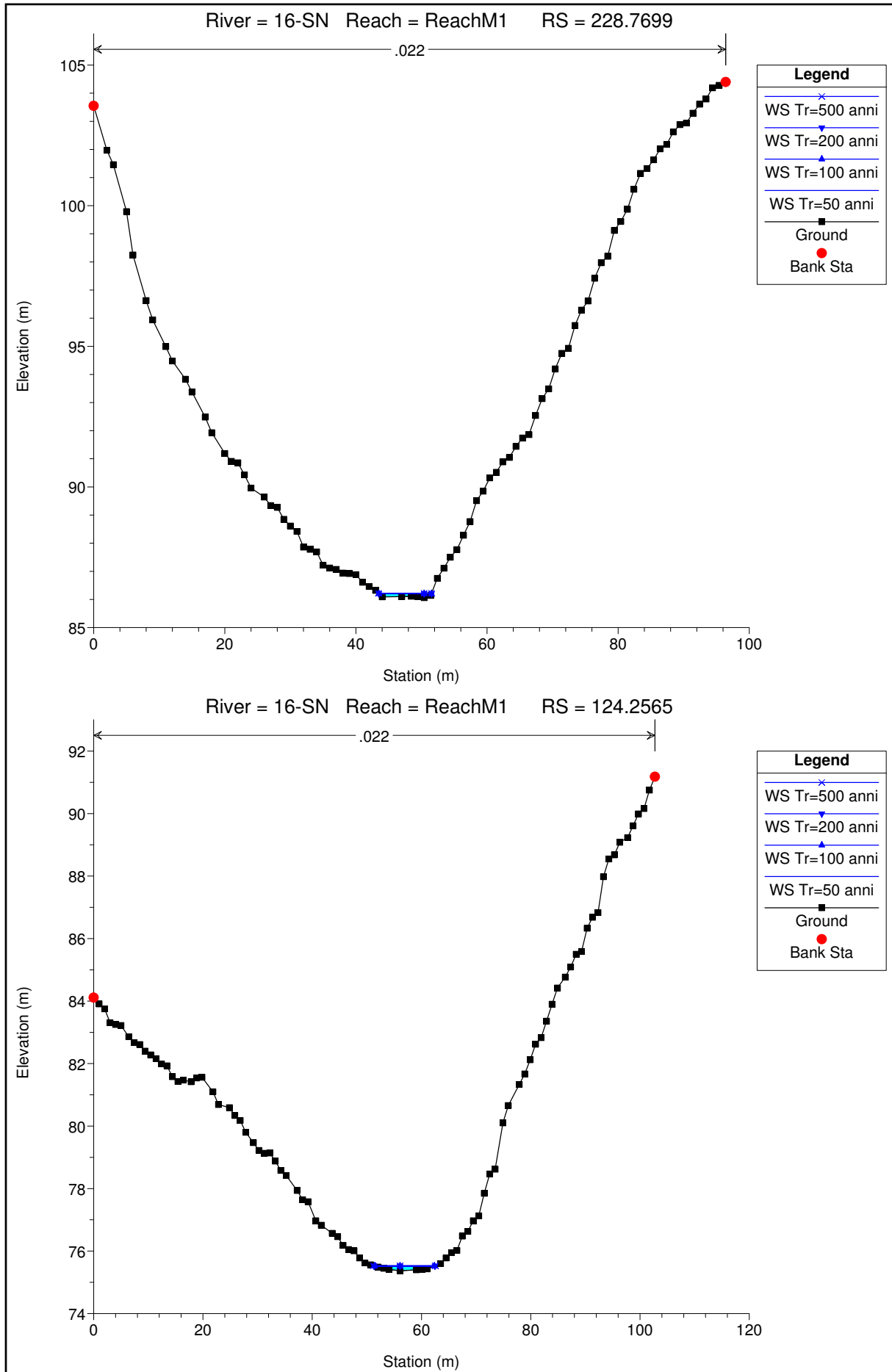
A - Bacino Sa Masa

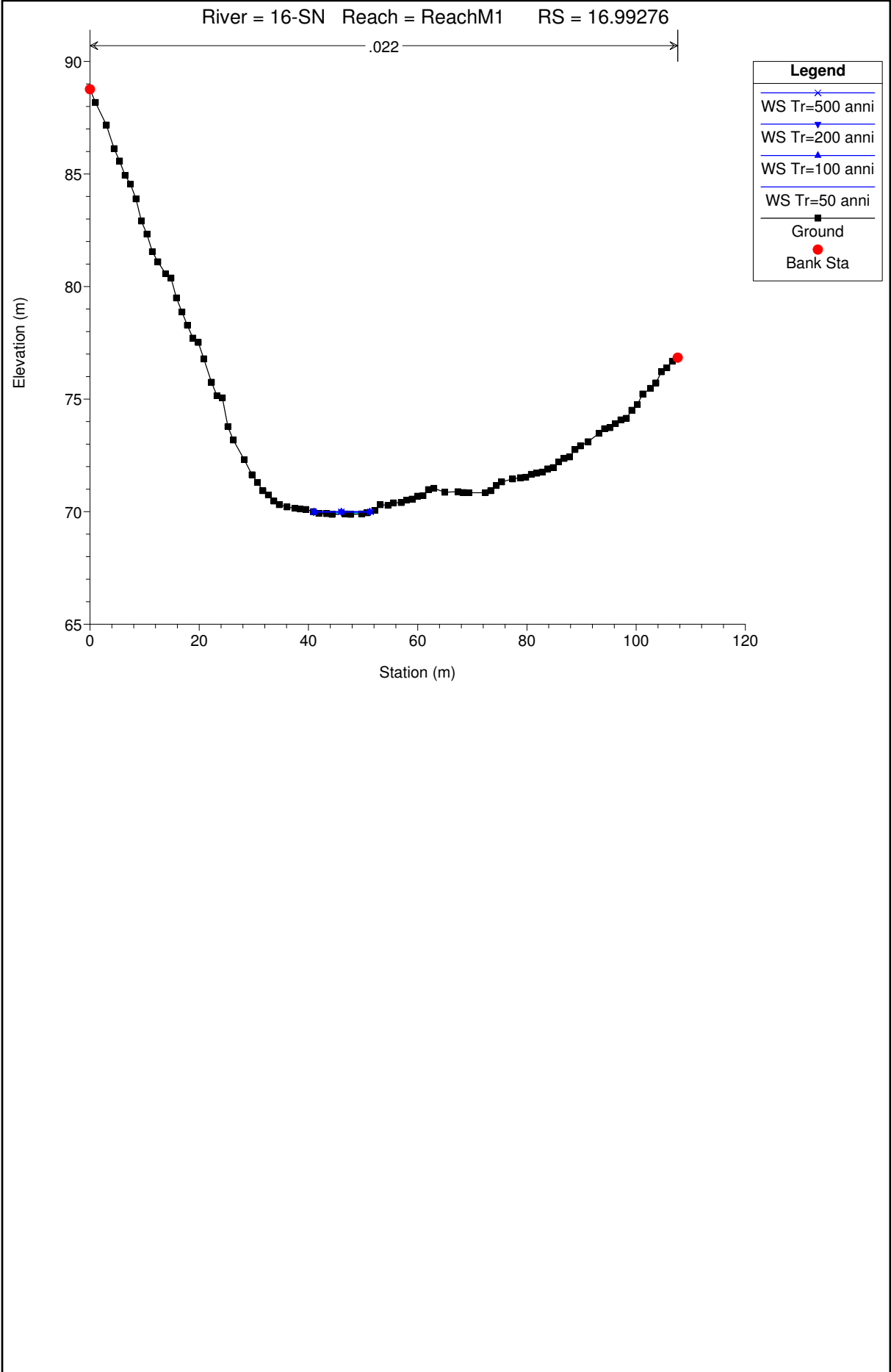
tronco 16-SN







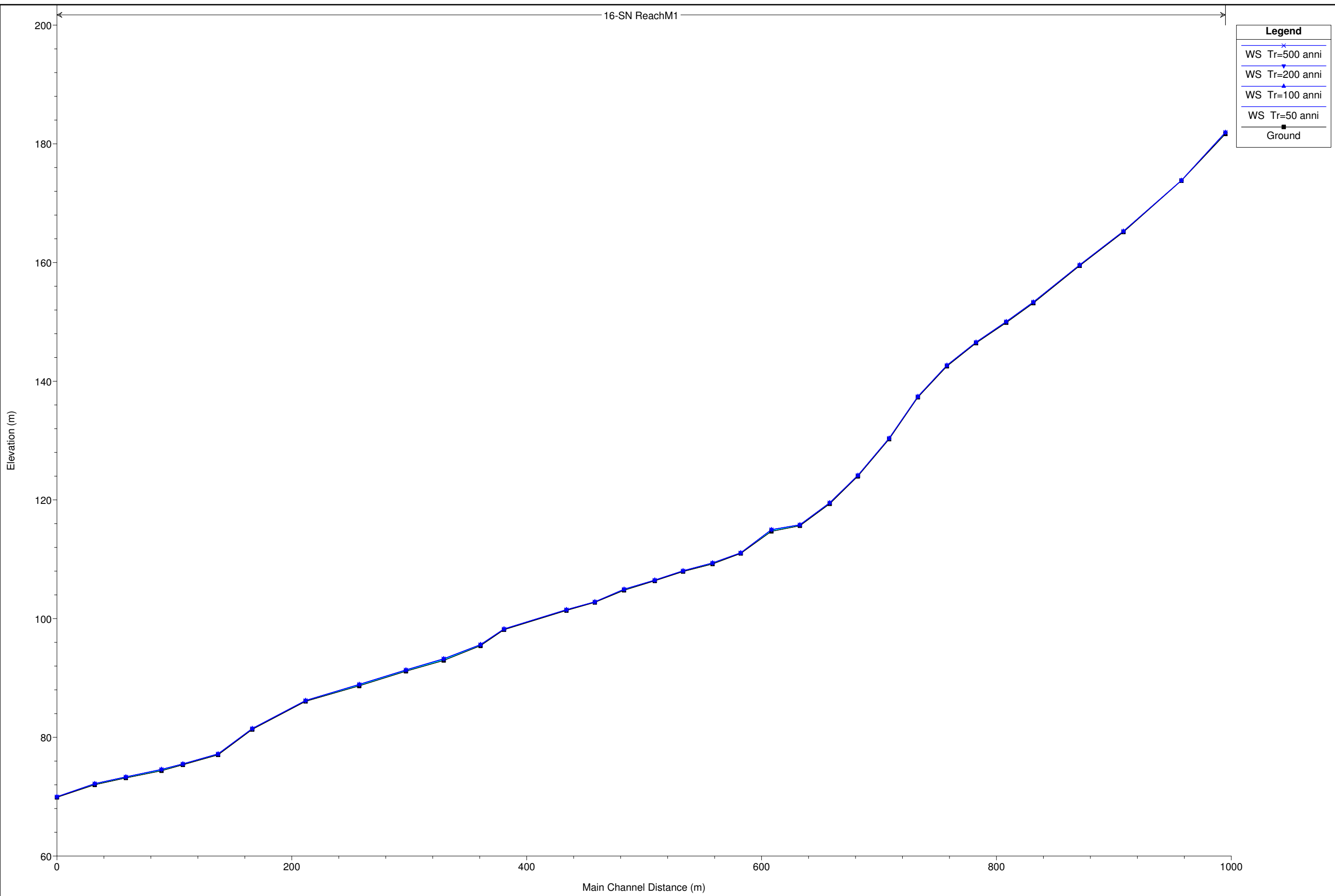




16-SN ReachM1

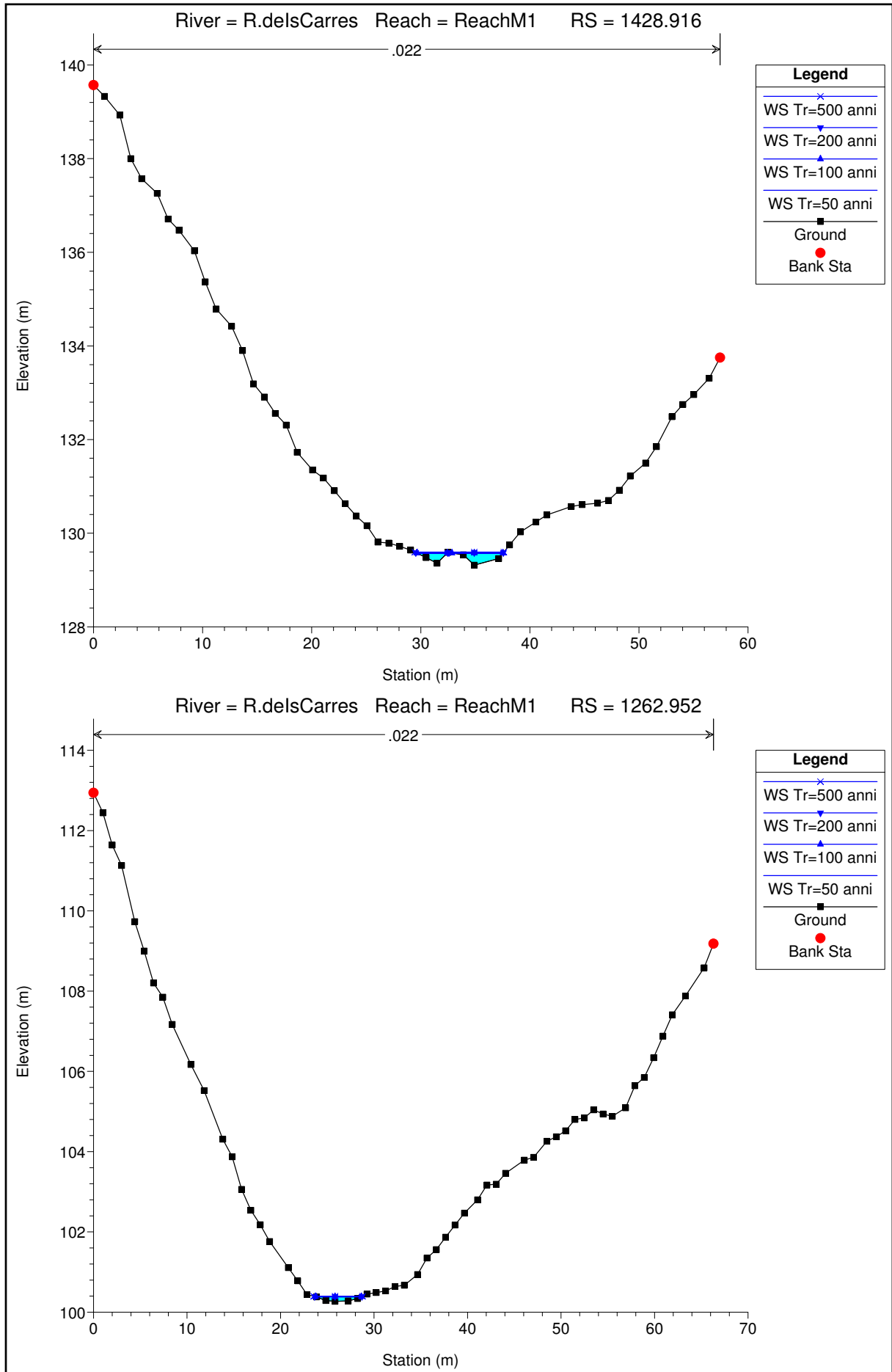
Legend

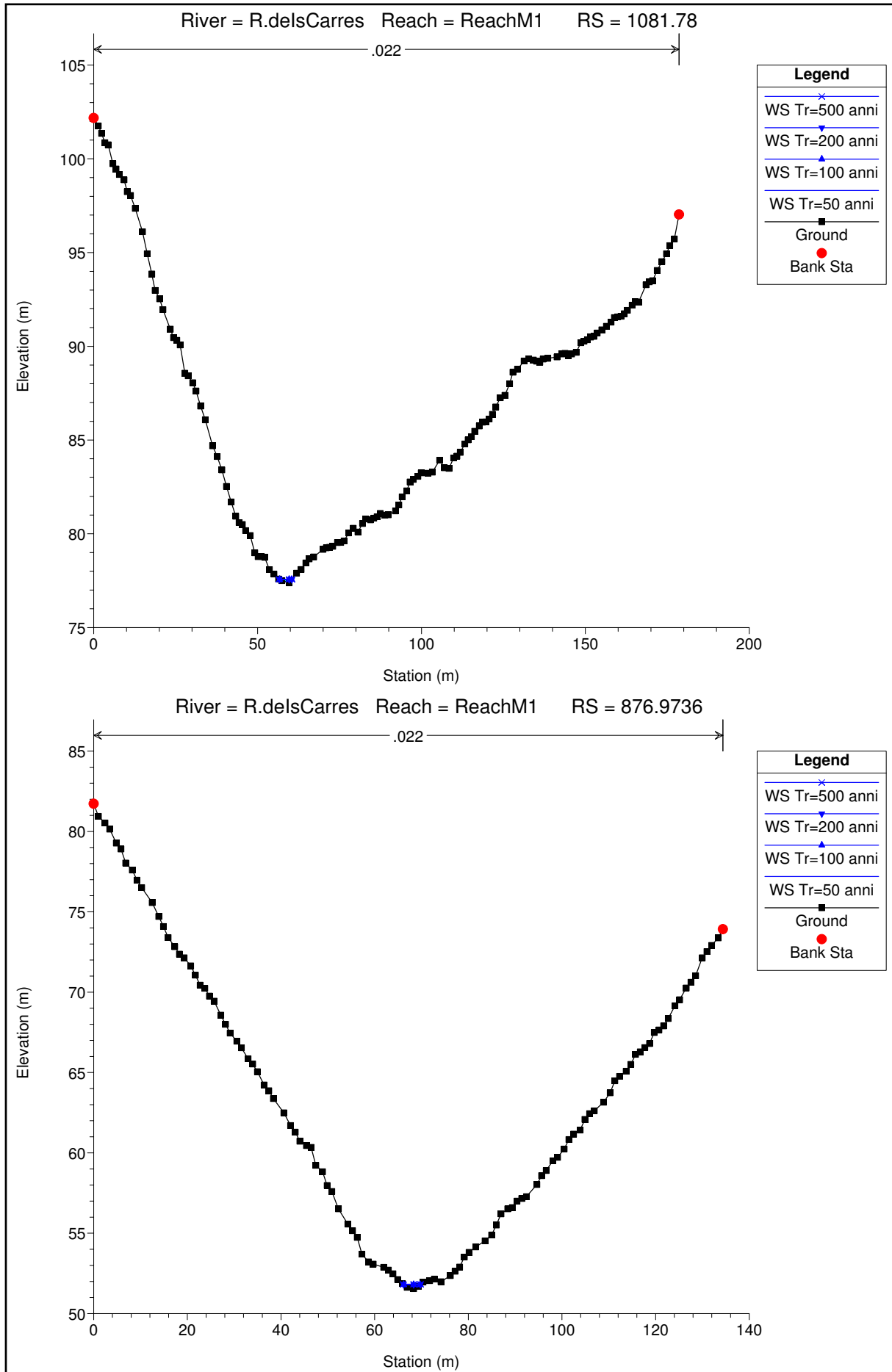
- WS Tr=500 anni
- WS Tr=200 anni
- WS Tr=100 anni
- WS Tr=50 anni
- Ground

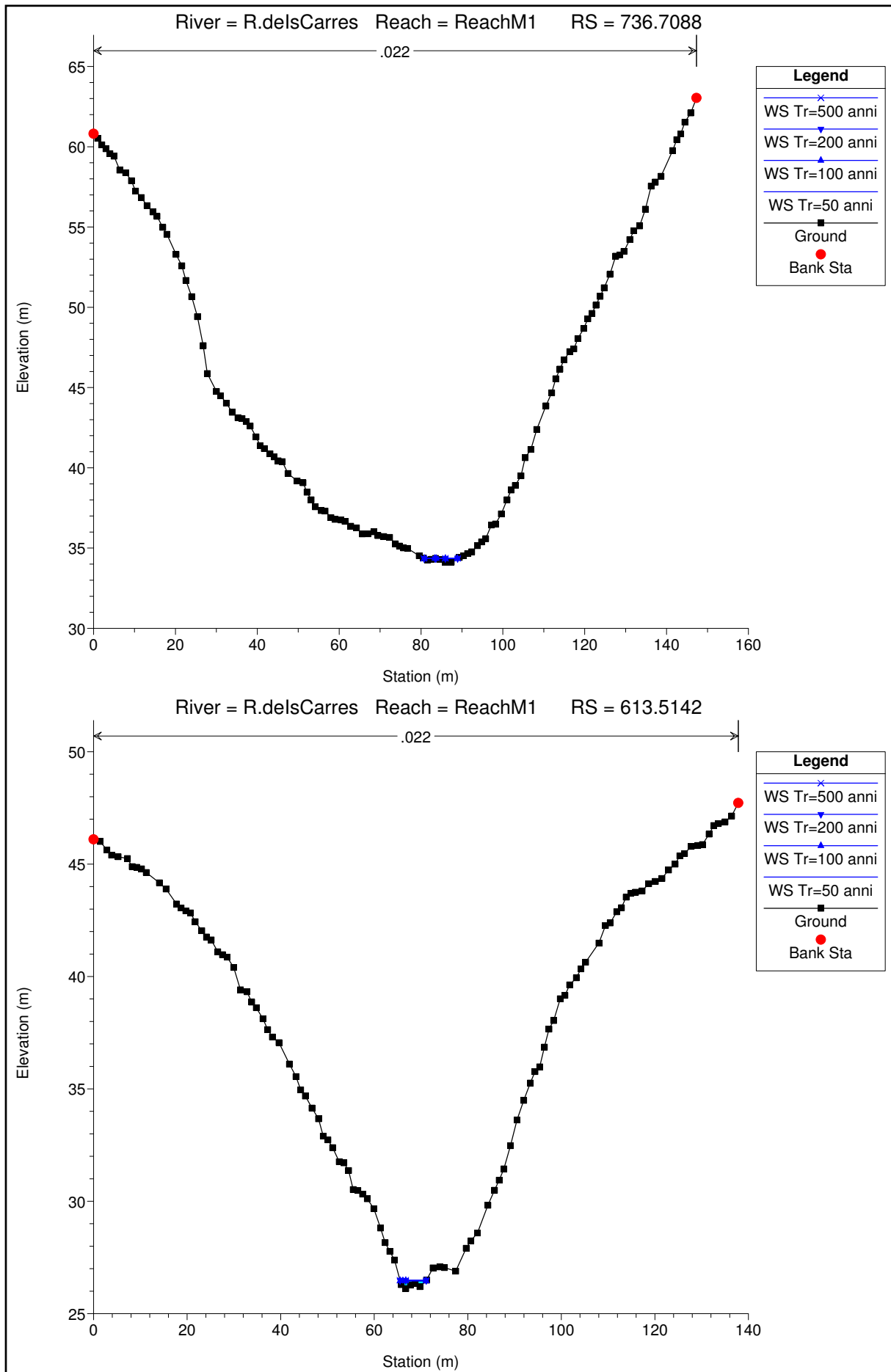


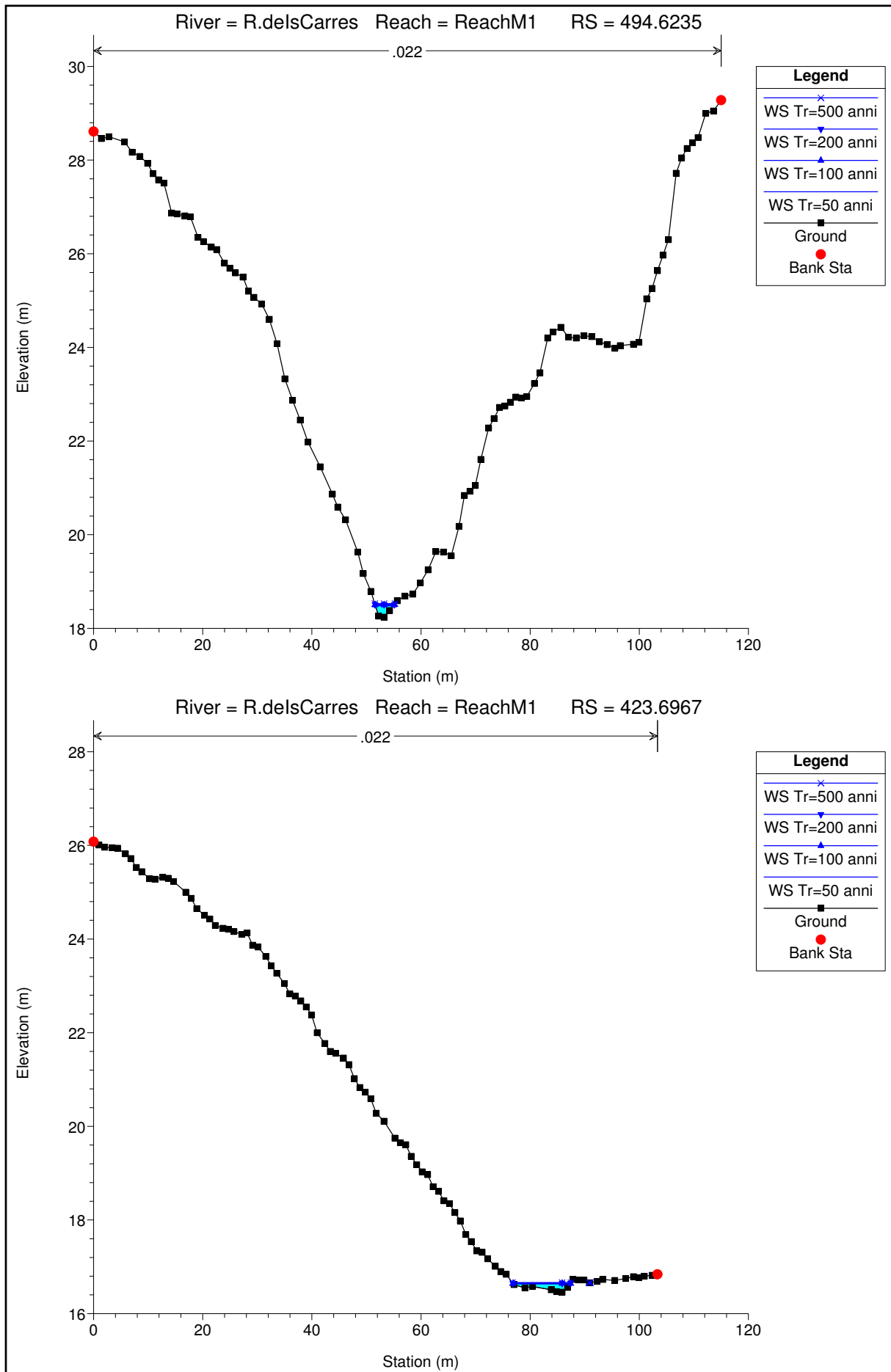
A - Bacino Sa Masa

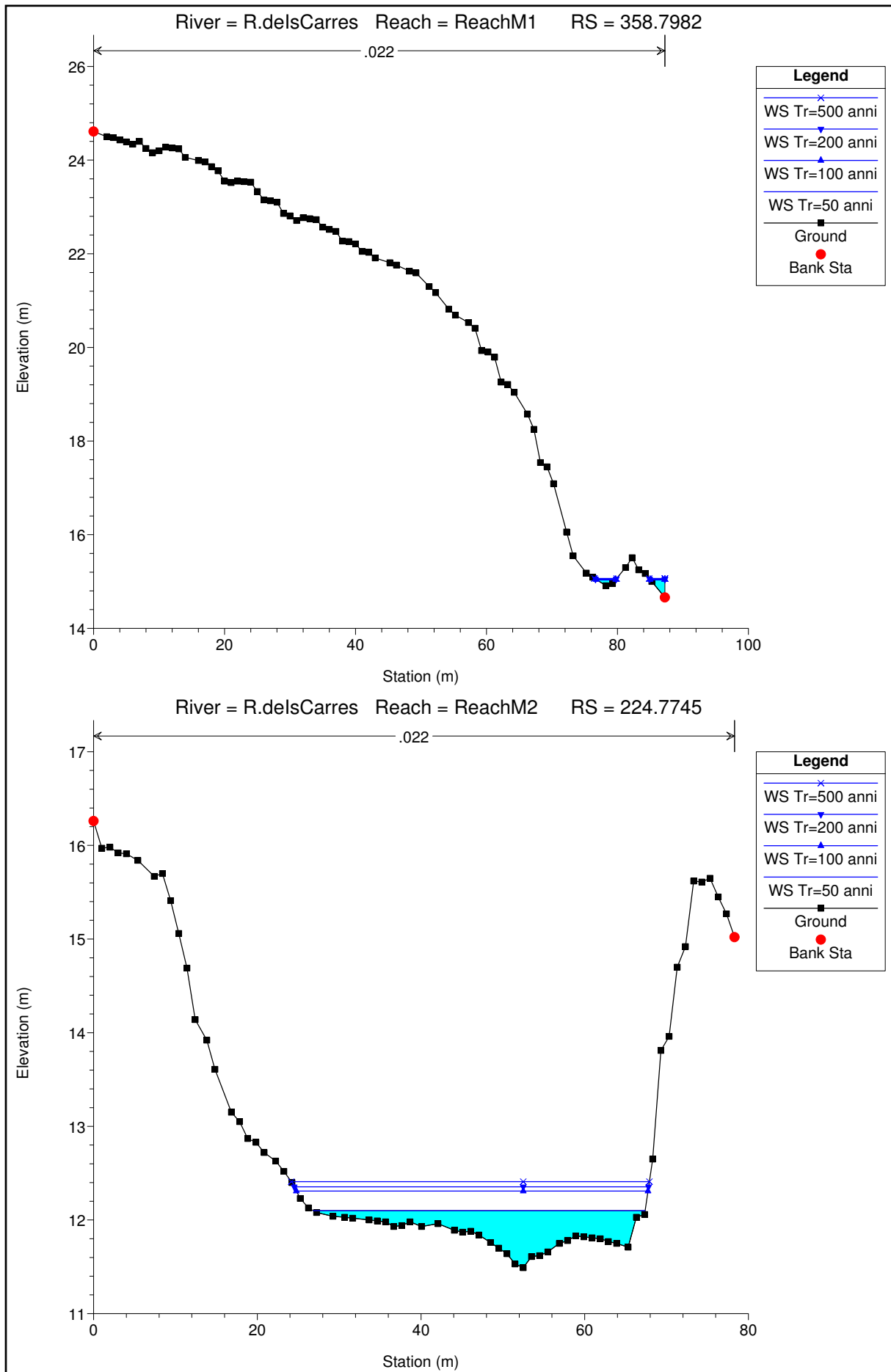
Rio de Is Carres

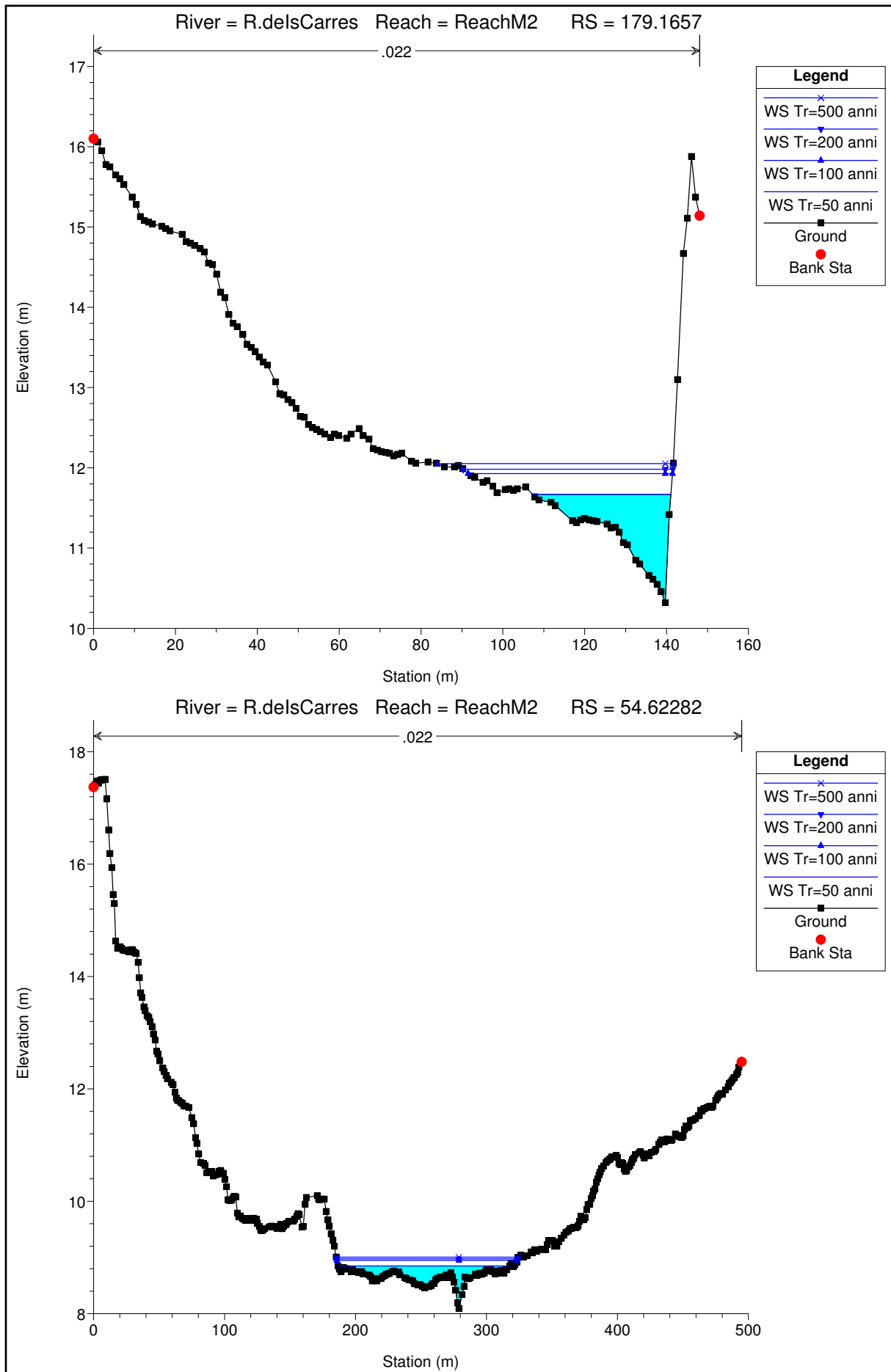


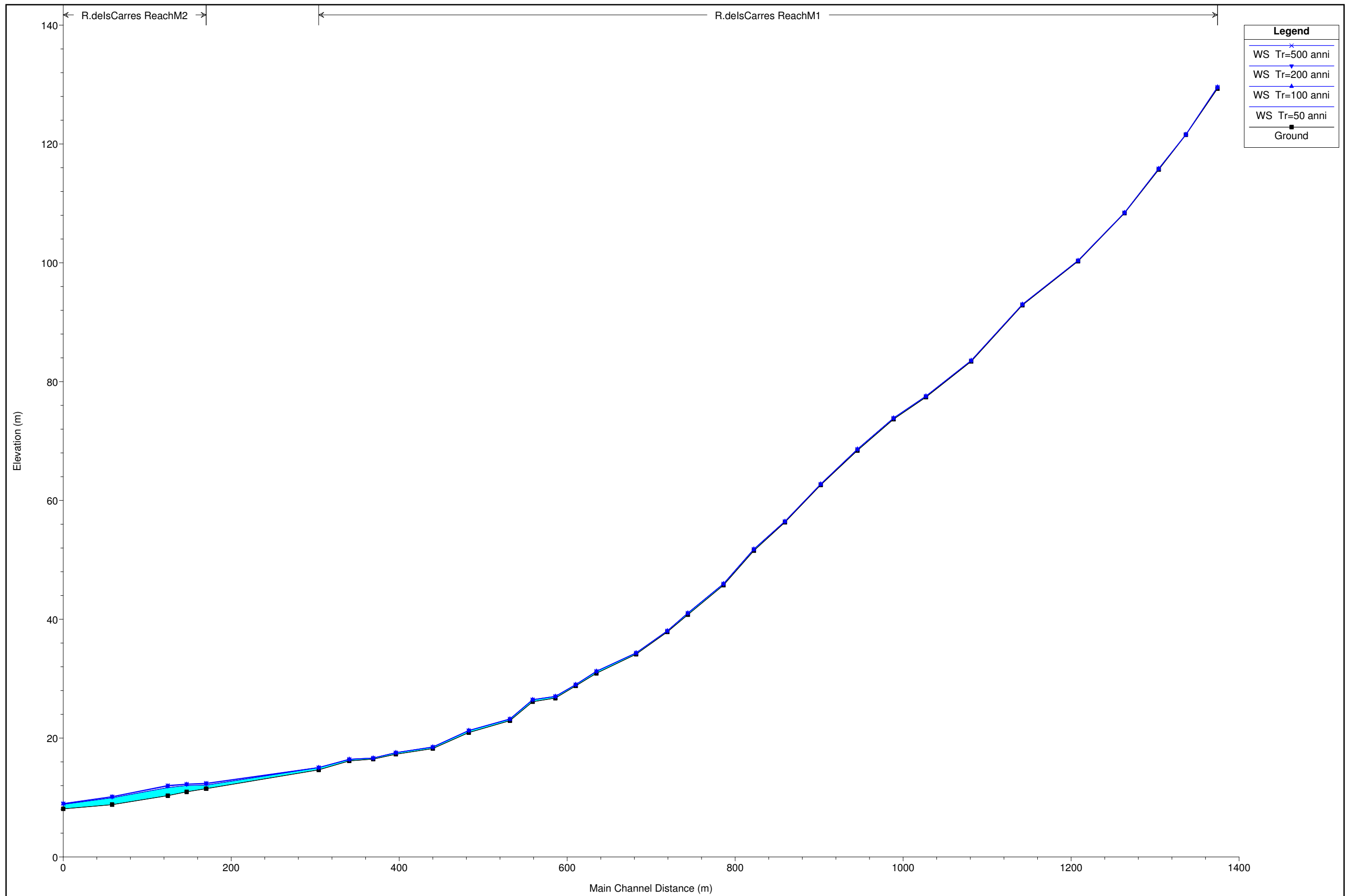


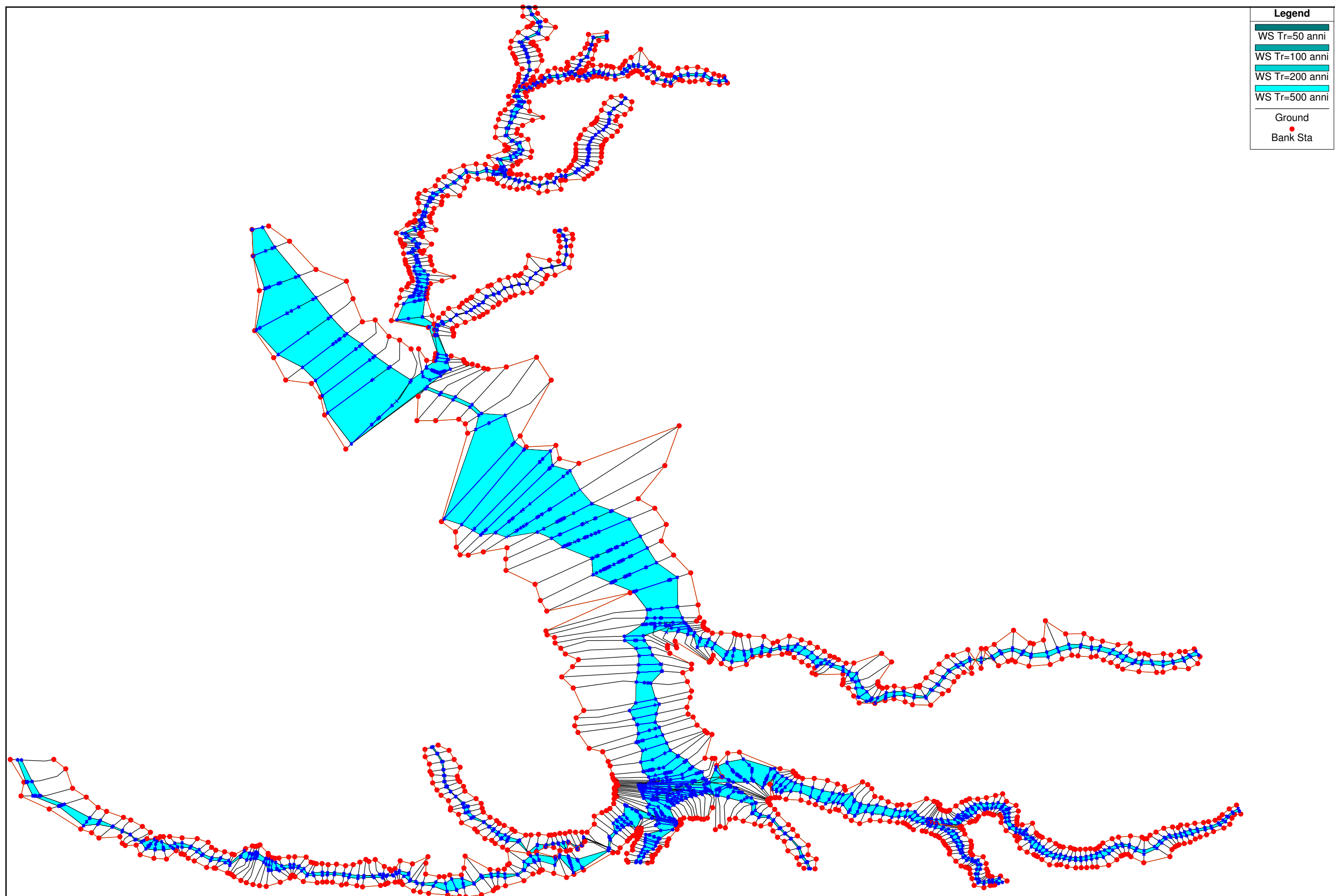












B - Bacino San Giorgio

- sub-bacino 12 - Rio de Gravellu (ramo 1), tronco 2-SN1
- sub-bacino 13 - Rio San Giorgio (tratto a monte)
- sub-bacino 14 - Rio San Giorgio (rami 2 e 3), Rio Baccariu (ramo 1)
 - a. sub-bacino 14a - Rio San Giorgio (ramo 1)
 - b. sub-bacino 14b - Canale de Genne Rutta
 - c. sub-bacino 14c - Rio Baccariu (ramo 2)
 - d. sub-bacino 14d - Rio de Gravellu (ramo 2)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.SanGiorgio	ReachM1	2891.091	Tr=50 anni	142.25	56.46	61.61	61.69	0.000237	1.29	110.59	41.01	14.94	55.95
R.SanGiorgio	ReachM1	2891.091	Tr=100 anni	157.29	56.46	61.69	61.78	0.000265	1.38	113.90	41.19	14.82	56.01
R.SanGiorgio	ReachM1	2891.091	Tr=200 anni	172.44	56.46	61.76	61.87	0.000292	1.47	117.10	41.37	14.70	56.07
R.SanGiorgio	ReachM1	2891.091	Tr=500 anni	192.76	56.46	61.86	61.99	0.000329	1.59	121.13	41.59	14.56	56.15
R.SanGiorgio	ReachM1	2831.213	Tr=50 anni	142.25	56.43	61.19	61.62	0.005711	2.91	48.95	57.50	7.58	65.08
R.SanGiorgio	ReachM1	2831.213	Tr=100 anni	157.29	56.43	61.25	61.70	0.005561	2.99	52.56	57.91	7.27	65.18
R.SanGiorgio	ReachM1	2831.213	Tr=200 anni	172.44	56.43	61.31	61.79	0.005491	3.08	55.95	58.46	6.90	65.36
R.SanGiorgio	ReachM1	2831.213	Tr=500 anni	192.76	56.43	61.39	61.90	0.005370	3.18	60.65	59.61	6.03	65.64
R.SanGiorgio	ReachM1	2805.193	Tr=50 anni	142.25	55.36	60.35	60.44	0.000480	1.38	102.84	60.00	38.26	98.25
R.SanGiorgio	ReachM1	2805.193	Tr=100 anni	157.29	55.36	60.44	60.55	0.000497	1.45	108.31	60.25	38.05	98.30
R.SanGiorgio	ReachM1	2805.193	Tr=200 anni	172.44	55.36	60.53	60.64	0.000512	1.52	113.68	60.46	37.88	98.34
R.SanGiorgio	ReachM1	2805.193	Tr=500 anni	192.76	55.36	60.64	60.77	0.000527	1.60	120.71	60.73	37.66	98.40
R.SanGiorgio	ReachM1	2783.008	Tr=50 anni	142.25	55.21	60.38	60.42	0.000097	0.95	150.48	46.43	30.52	76.95
R.SanGiorgio	ReachM1	2783.008	Tr=100 anni	157.29	55.21	60.47	60.52	0.000109	1.02	154.79	46.62	30.44	77.05
R.SanGiorgio	ReachM1	2783.008	Tr=200 anni	172.44	55.21	60.56	60.62	0.000121	1.08	159.01	46.80	30.36	77.16
R.SanGiorgio	ReachM1	2783.008	Tr=500 anni	192.76	55.21	60.68	60.75	0.000136	1.17	164.52	46.97	30.25	77.22
R.SanGiorgio	ReachM1	2757.6	Tr=50 anni	142.25	54.87	60.39	60.42	0.000056	0.76	187.24	53.89	26.55	80.43
R.SanGiorgio	ReachM1	2757.6	Tr=100 anni	157.29	54.87	60.48	60.52	0.000063	0.82	192.32	54.17	26.41	80.58
R.SanGiorgio	ReachM1	2757.6	Tr=200 anni	172.44	54.87	60.57	60.61	0.000070	0.87	197.31	54.46	26.27	80.74
R.SanGiorgio	ReachM1	2757.6	Tr=500 anni	192.76	54.87	60.69	60.74	0.000080	0.95	203.85	54.88	26.10	80.98
R.SanGiorgio	ReachM1	2731.986	Tr=50 anni	142.25	54.19	60.37	60.41	0.000083	0.97	146.52	37.70	37.84	75.54
R.SanGiorgio	ReachM1	2731.986	Tr=100 anni	157.29	54.19	60.46	60.51	0.000095	1.05	149.92	37.94	37.74	75.68
R.SanGiorgio	ReachM1	2731.986	Tr=200 anni	172.44	54.19	60.54	60.61	0.000107	1.13	153.26	38.19	37.63	75.82
R.SanGiorgio	ReachM1	2731.986	Tr=500 anni	192.76	54.19	60.66	60.73	0.000123	1.22	157.62	38.49	37.50	75.99
R.SanGiorgio	ReachM1	2706.285	Tr=50 anni	142.25	53.91	60.35	60.41	0.000111	1.09	130.86	34.83	42.75	77.58
R.SanGiorgio	ReachM1	2706.285	Tr=100 anni	157.29	53.91	60.44	60.51	0.000127	1.17	133.92	35.07	42.63	77.69
R.SanGiorgio	ReachM1	2706.285	Tr=200 anni	172.44	53.91	60.52	60.60	0.000143	1.26	136.91	35.30	42.51	77.81
R.SanGiorgio	ReachM1	2706.285	Tr=500 anni	192.76	53.91	60.63	60.73	0.000165	1.37	140.81	35.60	42.35	77.95
R.SanGiorgio	ReachM1	2694.935	Tr=50 anni	142.25	53.85	60.37	60.40	0.000066	0.84	169.41	46.84	11.63	58.46
R.SanGiorgio	ReachM1	2694.935	Tr=100 anni	157.29	53.85	60.46	60.50	0.000075	0.91	173.65	47.13	11.53	58.66
R.SanGiorgio	ReachM1	2694.935	Tr=200 anni	172.44	53.85	60.54	60.59	0.000085	0.97	177.81	47.55	11.43	58.99
R.SanGiorgio	ReachM1	2694.935	Tr=500 anni	192.76	53.85	60.66	60.72	0.000101	1.05	183.33	49.60	11.31	63.27
R.SanGiorgio	ReachM1	2652.14	Tr=50 anni	142.25	53.34	60.37	60.40	0.000068	0.69	205.97	78.26	37.97	116.23
R.SanGiorgio	ReachM1	2652.14	Tr=100 anni	157.29	53.34	60.46	60.49	0.000075	0.74	213.15	78.51	37.76	116.28
R.SanGiorgio	ReachM1	2652.14	Tr=200 anni	172.44	53.34	60.55	60.58	0.000081	0.78	220.18	78.76	37.55	116.31
R.SanGiorgio	ReachM1	2652.14	Tr=500 anni	192.76	53.34	60.67	60.70	0.000089	0.84	229.35	79.07	37.28	116.35
R.SanGiorgio	ReachM1	2626.455	Tr=50 anni	142.25	53.14	60.36	60.39	0.000099	0.85	166.98	60.87	41.32	102.19
R.SanGiorgio	ReachM1	2626.455	Tr=100 anni	157.29	53.14	60.44	60.49	0.000110	0.91	172.42	61.15	41.16	102.31
R.SanGiorgio	ReachM1	2626.455	Tr=200 anni	172.44	53.14	60.53	60.58	0.000120	0.97	177.75	61.42	41.00	102.42
R.SanGiorgio	ReachM1	2626.455	Tr=500 anni	192.76	53.14	60.64	60.70	0.000133	1.04	184.70	61.72	40.80	102.52
R.SanGiorgio	ReachM1	2601.351	Tr=50 anni	142.25	58.50	59.89	60.34	0.005126	2.97	47.83	54.19	37.52	91.71
R.SanGiorgio	ReachM1	2601.351	Tr=100 anni	157.29	58.50	59.96	60.44	0.004927	3.05	51.53	54.47	37.42	91.90
R.SanGiorgio	ReachM1	2601.351	Tr=200 anni	172.44	58.50	60.02	60.53	0.004820	3.14	54.92	54.73	37.33	92.06
R.SanGiorgio	ReachM1	2601.351	Tr=500 anni	192.76	58.50	60.10	60.64	0.004811	3.27	58.90	55.03	37.23	92.26
R.SanGiorgio	ReachM1	2576.168	Tr=50 anni	142.25	52.74	54.01	59.53	0.060541	10.41	13.67	14.69	51.51	66.20
R.SanGiorgio	ReachM1	2576.168	Tr=100 anni	157.29	52.74	54.11	59.64	0.054713	10.42	15.10	14.97	51.40	66.37
R.SanGiorgio	ReachM1	2576.168	Tr=200 anni	172.44	52.74	54.21	59.74	0.049893	10.42	16.54	15.24	51.30	66.54
R.SanGiorgio	ReachM1	2576.168	Tr=500 anni	192.76	52.74	54.33	59.87	0.044679	10.43	18.48	15.60	51.16	66.76
R.SanGiorgio	ReachM1	2552.767	Tr=50 anni	142.25	52.40	54.34	57.98	0.031098	8.46	16.82	14.73	27.16	41.90
R.SanGiorgio	ReachM1	2552.767	Tr=100 anni	157.29	52.40	54.44	58.16	0.030283	8.55	18.40	15.56	26.48	42.05
R.SanGiorgio	ReachM1	2552.767	Tr=200 anni	172.44	52.40	54.54	58.33	0.029529	8.63	19.99	16.36	25.83	42.18
R.SanGiorgio	ReachM1	2552.767	Tr=500 anni	192.76	52.40	54.67	58.55	0.028599	8.73	22.09	17.34	25.02	42.36
R.SanGiorgio	ReachM1	2528.293	Tr=50 anni	142.25	52.07	56.32	56.42	0.000283	1.37	103.98	41.38	24.51	77.69
R.SanGiorgio	ReachM1	2528.293	Tr=100 anni	157.29	52.07	56.41	56.52	0.000316	1.46	107.73	42.20	24.40	77.90
R.SanGiorgio	ReachM1	2528.293	Tr=200 anni	172.44	52.07	56.50	56.62	0.000348	1.55	111.49	43.05	24.30	78.11
R.SanGiorgio	ReachM1	2528.293	Tr=500 anni	192.76	52.07	56.62	56.75	0.000393	1.66	116.42	44.41	24.16	78.38
R.SanGiorgio	ReachM1	2503.734	Tr=50 anni	142.25	52.08	56.34	56.40	0.000158	1.10	129.71	46.88	14.80	61.68
R.SanGiorgio	ReachM1	2503.734	Tr=100 anni	157.29	52.08	56.44	56.51	0.000175	1.17	134.06	47.15	14.70	61.85
R.SanGiorgio	ReachM1	2503.734	Tr=200 anni	172.44	52.08	56.53	56.61	0.000191	1.25	138.34	47.47	14.61	62.08
R.SanGiorgio	ReachM1	2503.734	Tr=500 anni	192.76	52.08	56.64	56.73	0.000213	1.34	143.87	47.94	14.48	62.41
R.SanGiorgio	ReachM1	2479.311	Tr=50 anni	142.25	51.93	56.32	56.40	0.000225	1.24	114.43	45.11	21.56	66.68
R.SanGiorgio	ReachM1	2479.311	Tr=100 anni	157.29	51.93	56.41	56.50	0.000252	1.33	118.53	46.18	20.68	66.85
R.SanGiorgio	ReachM1	2479.311	Tr=200 anni	172.44	51.93	56.50	56.60	0.000274	1.41	122.60	46.57	20.45	67.02
R.SanGiorgio	ReachM1	2479.311	Tr=500 anni	192.76	51.93	56.61	56.72	0.000303	1.51	127.86	47.08	20.16	67.24
R.SanGiorgio	ReachM1	2454.081	Tr=50 anni	146.34	51.63	56.32	56.39	0.000170	1.13	129.33	47.19	16.32	63.51
R.SanGiorgio	ReachM1	2454.081	Tr=100 anni	161.82	51.63	56.41	56.49	0.000189	1.21	133.59	47.53	16.18	63.72
R.SanGiorgio	ReachM1	2454.081	Tr=200 anni	177.42	51.63	56.50	56.59	0.000207	1.29	137.80	47.96	16.05	64.01
R.SanGiorgio	ReachM1	2454.081	Tr=500 anni	198.34	51.63	56.62	56.71	0.000232	1.38	143.25	48.60	15.88	64.48
R.SanGiorgio	ReachM1	2429.739	Tr=50 anni	146.34	51.53	56.33	56.38	0.000100	0.96	152.41	47.79	13.07	60.86
R.SanGiorgio	ReachM1	2429.739	Tr=100 anni	161.82	51.53	56.42	56.48	0.000112	1.03	156.78	48.07	12.97	61.04
R.SanGiorgio	ReachM1	2429.739	Tr=200 anni	177.42	51.53	56.51	56.58	0.000124	1.10	161.09	48.36	12.87	61.22
R.SanGiorgio	ReachM1	2429.739	Tr=500 anni	198.34	51.53	56.63	56.70	0.000140	1.19	166.65	48.72	12.74	61.46
R.SanGiorgio	ReachM1	2405.9	Tr=50 anni	146.34	51.04	56.34	56.38	0.000078	0.88	167.13	49.27	8.45	57.72

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.SanGiorgio	ReachM1	2405.9	Tr=100 anni	161.82	51.04	56.43	56.47	0.000089	0.94	171.67	50.02	7.87	57.90
R.SanGiorgio	ReachM1	2405.9	Tr=200 anni	177.42	51.04	56.52	56.57	0.000100	1.01	176.22	51.09	6.94	58.04
R.SanGiorgio	ReachM1	2405.9	Tr=500 anni	198.34	51.04	56.63	56.69	0.000116	1.09	182.18	52.31	5.90	58.21
R.SanGiorgio	ReachM1	2381.317	Tr=50 anni	146.34	49.09	56.35	56.37	0.000040	0.69	212.74	54.02	35.60	89.62
R.SanGiorgio	ReachM1	2381.317	Tr=100 anni	161.82	49.09	56.44	56.47	0.000047	0.74	217.80	55.37	21.34	89.80
R.SanGiorgio	ReachM1	2381.317	Tr=200 anni	177.42	49.09	56.53	56.56	0.000054	0.80	222.94	57.24	20.81	89.97
R.SanGiorgio	ReachM1	2381.317	Tr=500 anni	198.34	49.09	56.65	56.69	0.000066	0.86	229.82	60.63	20.61	90.19
R.SanGiorgio	ReachM1	2355.684	Tr=50 anni	146.34	48.60	56.34	56.37	0.000074	0.80	183.39	58.54	18.94	77.47
R.SanGiorgio	ReachM1	2355.684	Tr=100 anni	161.82	48.60	56.43	56.46	0.000083	0.86	188.77	58.79	18.82	77.61
R.SanGiorgio	ReachM1	2355.684	Tr=200 anni	177.42	48.60	56.52	56.56	0.000092	0.91	194.07	59.01	18.70	77.71
R.SanGiorgio	ReachM1	2355.684	Tr=500 anni	198.34	48.60	56.63	56.68	0.000103	0.99	200.88	59.29	18.55	77.84
R.SanGiorgio	ReachM1	2331.289	Tr=50 anni	146.34	53.86	55.85	56.32	0.005178	3.03	48.26	53.40	38.55	91.95
R.SanGiorgio	ReachM1	2331.289	Tr=100 anni	161.82	53.86	55.92	56.41	0.004928	3.10	52.24	53.92	38.29	92.21
R.SanGiorgio	ReachM1	2331.289	Tr=200 anni	177.42	53.86	55.99	56.51	0.004863	3.19	55.58	54.30	38.08	92.38
R.SanGiorgio	ReachM1	2331.289	Tr=500 anni	198.34	53.86	56.07	56.62	0.004748	3.30	60.08	54.80	37.81	92.61
R.SanGiorgio	ReachM1	2305.509	Tr=50 anni	146.34	48.59	50.50	55.57	0.040587	9.98	14.67	12.15	57.48	69.63
R.SanGiorgio	ReachM1	2305.509	Tr=100 anni	161.82	48.59	50.63	55.68	0.037365	9.96	16.25	12.65	57.20	69.85
R.SanGiorgio	ReachM1	2305.509	Tr=200 anni	177.42	48.59	50.75	55.79	0.034544	9.94	17.85	13.11	56.95	70.05
R.SanGiorgio	ReachM1	2305.509	Tr=500 anni	198.34	48.59	50.91	55.92	0.031388	9.92	20.00	13.68	56.63	70.31
R.SanGiorgio	ReachM1	2280.743	Tr=50 anni	146.34	47.56	48.84	54.32	0.060032	10.38	14.10	15.28	56.64	71.92
R.SanGiorgio	ReachM1	2280.743	Tr=100 anni	161.82	47.56	48.92	54.51	0.055939	10.47	15.45	15.62	56.49	72.11
R.SanGiorgio	ReachM1	2280.743	Tr=200 anni	177.42	47.56	49.01	54.68	0.052511	10.55	16.81	16.00	56.30	72.31
R.SanGiorgio	ReachM1	2280.743	Tr=500 anni	198.34	47.56	49.12	54.89	0.048467	10.64	18.63	16.44	56.08	72.52
R.SanGiorgio	ReachM1	2254.428	Tr=50 anni	146.34	47.02	48.76	52.59	0.037913	8.67	16.87	16.77	55.80	72.57
R.SanGiorgio	ReachM1	2254.428	Tr=100 anni	161.82	47.02	48.83	52.86	0.037040	8.88	18.21	17.14	55.61	72.74
R.SanGiorgio	ReachM1	2254.428	Tr=200 anni	177.42	47.02	48.91	53.10	0.036111	9.07	19.57	17.50	55.42	72.92
R.SanGiorgio	ReachM1	2254.428	Tr=500 anni	198.34	47.02	49.01	53.41	0.034985	9.29	21.36	17.98	55.17	73.15
R.SanGiorgio	ReachM1	2230.914	Tr=50 anni	146.34	46.48	49.39	51.46	0.018323	6.37	22.99	20.24	53.45	73.69
R.SanGiorgio	ReachM1	2230.914	Tr=100 anni	161.82	46.48	49.45	51.72	0.019067	6.67	24.26	20.51	53.34	73.85
R.SanGiorgio	ReachM1	2230.914	Tr=200 anni	177.42	46.48	49.52	51.96	0.019709	6.92	25.62	21.02	53.22	74.23
R.SanGiorgio	ReachM1	2230.914	Tr=500 anni	198.34	46.48	49.60	52.27	0.020416	7.23	27.42	21.65	53.07	74.72
R.SanGiorgio	ReachM1	2208.112	Tr=50 anni	146.34	47.25	49.52	50.95	0.010722	5.32	27.53	22.06	24.86	46.92
R.SanGiorgio	ReachM1	2208.112	Tr=100 anni	161.82	47.25	49.56	51.20	0.011694	5.66	28.58	22.22	24.75	46.97
R.SanGiorgio	ReachM1	2208.112	Tr=200 anni	177.42	47.25	49.62	51.42	0.012309	5.94	29.86	22.42	24.63	47.05
R.SanGiorgio	ReachM1	2208.112	Tr=500 anni	198.34	47.25	49.70	51.70	0.013017	6.28	31.60	22.76	24.39	47.15
R.SanGiorgio	ReachM1	2153.301	Tr=50 anni	146.34	46.19	50.23	50.55	0.001435	2.49	58.86	32.43	28.07	60.50
R.SanGiorgio	ReachM1	2153.301	Tr=100 anni	161.82	46.19	50.36	50.70	0.001458	2.56	63.14	33.66	27.80	61.47
R.SanGiorgio	ReachM1	2153.301	Tr=200 anni	177.42	46.19	50.49	50.84	0.001454	2.64	67.31	34.33	27.55	61.88
R.SanGiorgio	ReachM1	2153.301	Tr=500 anni	198.34	46.19	50.64	51.02	0.001457	2.73	72.78	35.34	27.22	62.56
R.SanGiorgio	ReachM1	2103.74	Tr=50 anni	146.34	46.74	49.68	50.39	0.004471	3.75	39.04	27.50	31.74	59.24
R.SanGiorgio	ReachM1	2103.74	Tr=100 anni	161.82	46.74	49.79	50.54	0.004415	3.85	42.05	28.20	31.50	59.70
R.SanGiorgio	ReachM1	2103.74	Tr=200 anni	177.42	46.74	49.89	50.68	0.004338	3.94	45.00	28.69	31.28	59.97
R.SanGiorgio	ReachM1	2103.74	Tr=500 anni	198.34	46.74	50.03	50.86	0.004209	4.05	49.00	29.32	30.97	60.29
R.SanGiorgio	ReachM1	2078.995	Tr=50 anni	146.34	45.04	47.35	50.00	0.018926	7.22	20.28	15.52	31.47	46.99
R.SanGiorgio	ReachM1	2078.995	Tr=100 anni	161.82	45.04	47.48	50.15	0.017601	7.25	23.32	16.03	31.28	47.30
R.SanGiorgio	ReachM1	2078.995	Tr=200 anni	177.42	45.04	47.60	50.30	0.016400	7.28	24.37	16.44	31.09	47.52
R.SanGiorgio	ReachM1	2078.995	Tr=500 anni	198.34	45.04	47.77	50.49	0.015072	7.32	27.10	16.97	30.84	47.81
R.SanGiorgio	ReachM1	2053.711	Tr=50 anni	146.34	43.51	48.82	49.01	0.000489	1.92	76.12	25.05	49.98	75.02
R.SanGiorgio	ReachM1	2053.711	Tr=100 anni	161.82	43.51	49.00	49.20	0.000515	2.01	80.50	25.78	49.54	75.33
R.SanGiorgio	ReachM1	2053.711	Tr=200 anni	177.42	43.51	49.16	49.38	0.000547	2.09	84.85	26.88	48.74	75.62
R.SanGiorgio	ReachM1	2053.711	Tr=500 anni	198.34	43.51	49.37	49.62	0.000587	2.19	90.72	28.47	47.55	76.03
R.SanGiorgio	ReachM1	2040.202	Tr=50 anni	146.34	43.70	48.02	48.92	0.004612	4.21	34.73	19.19	48.39	67.58
R.SanGiorgio	ReachM1	2040.202	Tr=100 anni	161.82	43.70	48.16	49.11	0.004586	4.33	37.40	19.78	48.24	68.02
R.SanGiorgio	ReachM1	2040.202	Tr=200 anni	177.42	43.70	48.29	49.29	0.004514	4.43	40.04	20.16	48.11	68.26
R.SanGiorgio	ReachM1	2040.202	Tr=500 anni	198.34	43.70	48.46	49.52	0.004431	4.56	43.50	20.66	47.93	68.58
R.SanGiorgio	ReachM1	1998.014	Tr=50 anni	146.34	43.83	47.98	48.65	0.004990	3.62	40.45	30.72	44.08	90.41
R.SanGiorgio	ReachM1	1998.014	Tr=100 anni	161.82	43.83	47.82	48.86	0.007530	4.51	35.87	26.33	44.47	89.90
R.SanGiorgio	ReachM1	1998.014	Tr=200 anni	177.42	43.83	47.88	49.02	0.008160	4.74	37.41	27.10	44.33	90.09
R.SanGiorgio	ReachM1	1998.014	Tr=500 anni	198.34	43.83	47.96	49.23	0.009615	5.00	39.63	30.24	44.15	90.33
R.SanGiorgio	ReachM1	1978.695	Tr=50 anni	146.34	43.59	45.29	48.24	0.025042	7.60	19.25	16.97	58.42	75.39
R.SanGiorgio	ReachM1	1978.695	Tr=100 anni	161.82	43.59	45.39	48.42	0.023646	7.71	20.98	17.30	58.18	75.48
R.SanGiorgio	ReachM1	1978.695	Tr=200 anni	177.42	43.59	45.50	48.59	0.022253	7.79	22.78	17.64	57.94	75.58
R.SanGiorgio	ReachM1	1978.695	Tr=500 anni	198.34	43.59	45.63	48.78	0.020746	7.86	25.23	18.22	57.49	75.71
R.SanGiorgio	ReachM1	1957.093	Tr=50 anni	146.34	43.59	45.09	47.46	0.031193	6.82	21.46	27.00	55.15	82.15
R.SanGiorgio	ReachM1	1957.093	Tr=100 anni	161.82	43.59	45.15	47.69	0.031551	7.07	22.90	27.53	55.04	82.58
R.SanGiorgio	ReachM1	1957.093	Tr=200 anni	177.42	43.59	45.20	47.90	0.031601	7.28	24.36	28.02	54.94	82.96
R.SanGiorgio	ReachM1	1957.093	Tr=500 anni	198.34	43.59	45.27	48.15	0.032405	7.52	26.39	29.51	54.79	84.30
R.SanGiorgio	ReachM1	1936.029	Tr=50 anni	146.34	42.85	44.92	46.70	0.024738	5.92	24.73	31.04	38.03	69.07
R.SanGiorgio	ReachM1	1936.029	Tr=100 anni	161.82	42.85	44.96	46.92	0.025495	6.20	26.10	31.22	38.01	69.23
R.SanGiorgio	ReachM1	1936.029	Tr=200 anni	177.42	42.85	45.01	47.12	0.025902	6.44	27.53	31.42	37.98	69.41
R.SanGiorgio	ReachM1	1936.029	Tr=500 anni	198.34	42.85	45.07	47.36	0.025801	6.70	29.59	31.72	37.94	69.66
R.SanGiorgio	ReachM1	1901.203	Tr=50 anni	146.34	42.07	45.77	46.12	0.001413	2.63	55.61	27.36	49.31	76.67
R.SanGiorgio	ReachM1	1901.203	Tr=100 anni	161.82	42.07	45.98	46.32	0.001483	2.60	62.30	32.69	44.69	77.37

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.SanGiorgio	ReachM1	1901.203	Tr=200 anni	177.42	42.07	46.14	46.49	0.001421	2.62	67.67	33.92	44.06	77.98
R.SanGiorgio	ReachM1	1901.203	Tr=500 anni	198.34	42.07	46.30	46.67	0.001440	2.71	73.17	35.28	43.61	78.89
R.SanGiorgio	ReachM1	1875.473	Tr=50 anni	146.34	41.73	45.03	46.00	0.004309	4.35	33.63	17.51	51.25	68.77
R.SanGiorgio	ReachM1	1875.473	Tr=100 anni	161.82	41.73	45.18	46.20	0.004291	4.47	36.24	18.09	50.96	69.05
R.SanGiorgio	ReachM1	1875.473	Tr=200 anni	177.42	41.73	45.58	46.39	0.004413	3.98	44.58	27.66	42.69	70.35
R.SanGiorgio	ReachM1	1875.473	Tr=500 anni	198.34	41.73	45.73	46.57	0.004377	4.05	48.99	29.51	42.36	71.87
R.SanGiorgio	ReachM1	1850.566	Tr=50 anni	146.34	40.51	43.42	45.69	0.014747	6.66	21.96	15.34	54.22	69.56
R.SanGiorgio	ReachM1	1850.566	Tr=100 anni	161.82	40.51	43.55	45.88	0.014482	6.78	23.88	16.07	54.02	70.09
R.SanGiorgio	ReachM1	1850.566	Tr=200 anni	177.42	40.51	43.67	46.05	0.013949	6.83	25.99	16.81	53.82	70.63
R.SanGiorgio	ReachM1	1850.566	Tr=500 anni	198.34	40.51	43.85	46.24	0.013063	6.85	28.97	17.76	53.54	71.30
R.SanGiorgio	ReachM1	1825.809	Tr=50 anni	146.34	40.35	44.55	45.23	0.004713	3.67	39.88	29.29	41.20	70.50
R.SanGiorgio	ReachM1	1825.809	Tr=100 anni	161.82	40.35	44.67	45.37	0.004641	3.71	43.57	31.12	41.03	72.54
R.SanGiorgio	ReachM1	1825.809	Tr=200 anni	177.42	40.35	44.79	45.50	0.004565	3.75	47.36	33.05	40.90	76.34
R.SanGiorgio	ReachM1	1825.809	Tr=500 anni	198.34	40.35	44.90	45.66	0.004894	3.87	51.25	35.99	40.77	77.61
R.SanGiorgio	ReachM1	1800.875	Tr=50 anni	146.34	40.66	44.04	45.05	0.007999	4.47	32.76	27.04	41.84	71.73
R.SanGiorgio	ReachM1	1800.875	Tr=100 anni	161.82	40.66	44.14	45.19	0.008212	4.54	35.65	29.36	41.60	72.06
R.SanGiorgio	ReachM1	1800.875	Tr=200 anni	177.42	40.66	44.23	45.32	0.008327	4.62	38.40	31.17	41.39	72.56
R.SanGiorgio	ReachM1	1800.875	Tr=500 anni	198.34	40.66	44.35	45.47	0.007912	4.70	42.19	32.12	41.11	73.23
R.SanGiorgio	ReachM1	1776.159	Tr=50 anni	146.34	39.93	44.35	44.89	0.005538	3.27	44.73	43.12	49.70	92.82
R.SanGiorgio	ReachM1	1776.159	Tr=100 anni	161.82	39.93	44.43	45.00	0.005357	3.36	48.11	43.35	49.55	92.90
R.SanGiorgio	ReachM1	1776.159	Tr=200 anni	177.42	39.93	44.50	45.11	0.005204	3.45	51.40	43.58	49.40	92.97
R.SanGiorgio	ReachM1	1776.159	Tr=500 anni	198.34	39.93	44.60	45.25	0.005020	3.56	55.70	43.83	49.24	93.07
R.SanGiorgio	ReachM1	1725.967	Tr=50 anni	146.34	37.57	39.25	43.89	0.043607	9.54	15.35	14.39	52.16	66.55
R.SanGiorgio	ReachM1	1725.967	Tr=100 anni	161.82	37.57	39.36	44.02	0.039757	9.57	16.92	14.67	52.07	66.74
R.SanGiorgio	ReachM1	1725.967	Tr=200 anni	177.42	37.57	39.47	44.15	0.036425	9.59	18.51	14.91	51.99	66.91
R.SanGiorgio	ReachM1	1725.967	Tr=500 anni	198.34	37.57	39.61	44.32	0.032830	9.61	20.63	15.22	51.89	67.11
R.SanGiorgio	ReachM1	1700.724	Tr=50 anni	146.34	36.82	39.07	42.79	0.025148	8.55	17.12	12.27	52.08	64.34
R.SanGiorgio	ReachM1	1700.724	Tr=100 anni	161.82	36.82	39.20	43.00	0.023871	8.64	18.74	12.67	51.88	64.55
R.SanGiorgio	ReachM1	1700.724	Tr=200 anni	177.42	36.82	39.33	43.19	0.022689	8.71	20.38	13.06	51.69	64.75
R.SanGiorgio	ReachM1	1700.724	Tr=500 anni	198.34	36.82	39.49	43.43	0.021341	8.79	22.56	13.56	51.45	65.00
R.SanGiorgio	ReachM2	1647.343	Tr=50 anni	207.15	36.65	40.20	40.44	0.000776	2.20	94.25	39.65	36.21	75.86
R.SanGiorgio	ReachM2	1647.343	Tr=100 anni	229.21	36.65	40.33	40.60	0.000811	2.31	99.42	40.22	36.04	76.26
R.SanGiorgio	ReachM2	1647.343	Tr=200 anni	251.46	36.65	38.50	41.54	0.029477	7.72	32.57	32.55	37.78	70.33
R.SanGiorgio	ReachM2	1647.343	Tr=500 anni	281.32	36.65	38.57	41.86	0.029538	8.04	35.00	32.96	37.70	70.66
R.SanGiorgio	ReachM2	1625.531	Tr=50 anni	207.15	35.93	40.05	40.41	0.001105	2.66	78.01	30.96	44.21	94.05
R.SanGiorgio	ReachM2	1625.531	Tr=100 anni	229.21	35.93	40.16	40.56	0.001249	2.82	81.33	32.38	44.13	94.27
R.SanGiorgio	ReachM2	1625.531	Tr=200 anni	251.46	35.93	40.26	40.71	0.001390	2.97	84.70	33.81	44.06	94.49
R.SanGiorgio	ReachM2	1625.531	Tr=500 anni	281.32	35.93	38.41	41.31	0.014791	7.54	37.29	22.06	45.47	67.53
R.SanGiorgio	ReachM2	1600.893	Tr=50 anni	207.15	35.50	39.79	40.35	0.002693	3.31	62.62	34.61	49.29	90.14
R.SanGiorgio	ReachM2	1600.893	Tr=100 anni	229.21	35.50	39.86	40.49	0.003084	3.54	64.78	35.89	49.25	90.37
R.SanGiorgio	ReachM2	1600.893	Tr=200 anni	251.46	35.50	39.88	40.63	0.003613	3.83	65.63	36.35	49.23	90.43
R.SanGiorgio	ReachM2	1600.893	Tr=500 anni	281.32	35.50	39.97	40.82	0.004108	4.07	69.20	38.73	49.17	90.67
R.SanGiorgio	ReachM2	1575.748	Tr=50 anni	207.15	34.97	39.50	40.25	0.004526	3.83	54.03	34.58	56.10	99.17
R.SanGiorgio	ReachM2	1575.748	Tr=100 anni	229.21	34.97	39.67	40.39	0.005055	3.75	61.04	44.67	56.06	100.73
R.SanGiorgio	ReachM2	1575.748	Tr=200 anni	251.46	34.97	39.78	40.52	0.004755	3.80	66.11	45.29	56.03	101.32
R.SanGiorgio	ReachM2	1575.748	Tr=500 anni	281.32	34.97	39.90	40.69	0.004605	3.92	71.73	45.75	56.00	101.75
R.SanGiorgio	ReachM2	1525.415	Tr=50 anni	207.15	36.05	38.10	39.80	0.011880	5.78	35.81	27.82	43.67	71.49
R.SanGiorgio	ReachM2	1525.415	Tr=100 anni	229.21	36.05	38.23	39.93	0.010760	5.78	39.64	28.57	43.33	71.90
R.SanGiorgio	ReachM2	1525.415	Tr=200 anni	251.46	36.05	38.35	40.08	0.010170	5.83	43.15	29.46	42.80	72.25
R.SanGiorgio	ReachM2	1525.415	Tr=500 anni	281.32	36.05	38.51	40.27	0.009456	5.87	47.89	30.55	42.16	72.72
R.SanGiorgio	ReachM2	1498.52	Tr=50 anni	207.15	35.70	37.30	39.35	0.020728	6.34	32.68	33.93	78.69	112.63
R.SanGiorgio	ReachM2	1498.52	Tr=100 anni	229.21	35.70	37.39	39.51	0.019707	6.45	35.51	34.53	78.28	112.81
R.SanGiorgio	ReachM2	1498.52	Tr=200 anni	251.46	35.70	37.46	39.67	0.018982	6.58	38.22	35.10	77.89	112.98
R.SanGiorgio	ReachM2	1498.52	Tr=500 anni	281.32	35.70	37.57	39.87	0.018167	6.72	41.84	35.96	77.24	113.20
R.SanGiorgio	ReachM2	1475.63	Tr=50 anni	207.15	34.89	36.47	38.82	0.022936	6.79	30.49	30.71	38.79	69.50
R.SanGiorgio	ReachM2	1475.63	Tr=100 anni	229.21	34.89	36.55	39.00	0.021946	6.93	33.07	31.25	38.60	69.86
R.SanGiorgio	ReachM2	1475.63	Tr=200 anni	251.46	34.89	36.63	39.18	0.021116	7.07	35.58	31.70	38.48	70.18
R.SanGiorgio	ReachM2	1475.63	Tr=500 anni	281.32	34.89	36.74	39.40	0.020090	7.22	38.94	32.31	38.29	70.60
R.SanGiorgio	ReachM2	1450.441	Tr=50 anni	207.15	33.69	35.34	38.21	0.021924	7.51	27.60	22.63	46.66	69.29
R.SanGiorgio	ReachM2	1450.441	Tr=100 anni	229.21	33.69	35.44	38.41	0.020984	7.63	30.04	23.22	46.54	69.76
R.SanGiorgio	ReachM2	1450.441	Tr=200 anni	251.46	33.69	35.54	38.61	0.020219	7.75	32.44	23.80	46.41	70.21
R.SanGiorgio	ReachM2	1450.441	Tr=500 anni	281.32	33.69	35.68	38.85	0.019323	7.89	35.65	24.59	46.25	70.83
R.SanGiorgio	ReachM2	1424.803	Tr=50 anni	207.15	33.94	36.75	37.45	0.002879	3.70	55.92	28.85	46.66	75.50
R.SanGiorgio	ReachM2	1424.803	Tr=100 anni	229.21	33.94	36.98	37.65	0.002901	3.63	63.19	33.88	46.27	82.56
R.SanGiorgio	ReachM2	1424.803	Tr=200 anni	251.46	33.94	37.21	37.84	0.002670	3.51	71.58	37.87	45.87	83.74
R.SanGiorgio	ReachM2	1424.803	Tr=500 anni	281.32	33.94	37.46	38.07	0.002444	3.46	81.39	41.33	45.42	86.75
R.SanGiorgio	ReachM2	1400.451	Tr=50 anni	207.15	32.52	36.94	37.30	0.001243	2.66	78.00	34.95	46.67	81.62
R.SanGiorgio	ReachM2	1400.451	Tr=100 anni	229.21	32.52	37.15	37.51	0.001239	2.68	85.43	37.66	46.38	84.03
R.SanGiorgio	ReachM2	1400.451	Tr=200 anni	251.46	32.52	37.34	37.71	0.001311	2.70	93.18	42.62	46.10	90.61
R.SanGiorgio	ReachM2	1400.451	Tr=500 anni	281.32	32.52	37.58	37.95	0.001437	2.69	104.72	51.91	45.76	97.67
R.SanGiorgio	ReachM2	1375.156	Tr=50 anni	207.15	33.17	36.18	37.18	0.004047	4.44	46.63	23.32	54.24	77.56
R.SanGiorgio	ReachM2	1375.156	Tr=100 anni	229.21	33.17	36.33	37.39	0.004031	4.57	50.20	23.99	53.90	77.89
R.SanGiorgio	ReachM2	1375.156	Tr=200 anni	251.46	33.17	36.50	37.59	0.003912	4.63	54.37	24.90	53.50	78.40

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.SanGiorgio	ReachM2	1375.156	Tr=500 anni	281.32	33.17	36.88	37.83	0.004066	4.33	64.91	34.08	52.33	86.41
R.SanGiorgio	ReachM2	1344.839	Tr=50 anni	210.50	31.61	34.66	36.88	0.009666	6.60	31.90	16.10	58.95	75.05
R.SanGiorgio	ReachM2	1344.839	Tr=100 anni	232.93	31.61	34.86	37.10	0.009055	6.63	35.14	16.73	58.64	75.38
R.SanGiorgio	ReachM2	1344.839	Tr=200 anni	255.54	31.61	35.05	37.30	0.008563	6.65	38.42	17.44	58.33	75.77
R.SanGiorgio	ReachM2	1344.839	Tr=500 anni	285.90	31.61	35.32	37.54	0.007740	6.60	43.35	18.44	57.87	76.31
R.SanGiorgio	ReachM2	1299.963	Tr=50 anni	210.50	30.73	32.54	36.09	0.024721	8.34	25.23	19.07	82.38	101.45
R.SanGiorgio	ReachM2	1299.963	Tr=100 anni	232.93	30.73	32.66	36.32	0.024546	8.48	27.45	20.13	82.25	102.38
R.SanGiorgio	ReachM2	1299.963	Tr=200 anni	255.54	30.73	32.76	36.55	0.023835	8.62	29.64	20.74	82.12	102.86
R.SanGiorgio	ReachM2	1299.963	Tr=500 anni	285.90	30.73	32.91	36.82	0.022733	8.76	32.63	21.47	81.95	103.42
R.SanGiorgio	ReachM2	1275.085	Tr=50 anni	210.50	29.56	31.72	35.32	0.038872	8.41	25.02	26.86	96.21	123.07
R.SanGiorgio	ReachM2	1275.085	Tr=100 anni	232.93	29.56	31.79	35.57	0.037504	8.61	27.05	27.30	95.98	123.28
R.SanGiorgio	ReachM2	1275.085	Tr=200 anni	255.54	29.56	31.86	35.81	0.036405	8.80	29.04	27.71	95.77	123.49
R.SanGiorgio	ReachM2	1275.085	Tr=500 anni	285.90	29.56	31.96	36.10	0.034913	9.02	31.71	28.27	95.50	123.77
R.SanGiorgio	ReachM2	1173.634	Tr=50 anni	210.50	28.21	30.34	32.51	0.015735	6.52	32.31	25.89	151.46	177.34
R.SanGiorgio	ReachM2	1173.634	Tr=100 anni	232.93	28.21	30.42	32.76	0.016022	6.78	34.37	26.30	151.28	177.57
R.SanGiorgio	ReachM2	1173.634	Tr=200 anni	255.54	28.21	30.50	33.01	0.016250	7.02	36.41	26.69	151.14	177.83
R.SanGiorgio	ReachM2	1173.634	Tr=500 anni	285.90	28.21	30.60	33.32	0.016514	7.31	39.11	27.26	150.97	178.23
R.SanGiorgio	ReachM2	1099.874	Tr=50 anni	210.50	26.16	31.11	31.96	0.002683	4.09	51.43	19.82	131.92	151.74
R.SanGiorgio	ReachM2	1099.874	Tr=100 anni	232.93	26.16	31.29	32.20	0.002700	4.22	55.21	20.40	131.60	152.00
R.SanGiorgio	ReachM2	1099.874	Tr=200 anni	255.54	26.16	31.48	32.43	0.002706	4.33	58.99	20.96	131.30	152.26
R.SanGiorgio	ReachM2	1099.874	Tr=500 anni	285.90	26.16	31.71	32.73	0.002705	4.47	63.96	21.63	130.95	152.58
R.SanGiorgio	ReachM2	1075.295	Tr=50 anni	210.50	26.50	31.27	31.82	0.001675	3.27	64.34	25.47	99.89	125.37
R.SanGiorgio	ReachM2	1075.295	Tr=100 anni	232.93	26.50	31.48	32.05	0.001671	3.33	69.85	26.86	99.57	126.43
R.SanGiorgio	ReachM2	1075.295	Tr=200 anni	255.54	26.50	31.69	32.27	0.001675	3.38	75.56	28.56	99.25	127.82
R.SanGiorgio	ReachM2	1075.295	Tr=500 anni	285.90	26.50	31.95	32.55	0.001630	3.43	83.39	30.29	98.79	129.09
R.SanGiorgio	ReachM2	1050.149	Tr=50 anni	210.50	26.32	31.32	31.74	0.001408	2.86	73.70	31.61	84.84	116.44
R.SanGiorgio	ReachM2	1050.149	Tr=100 anni	232.93	26.32	31.54	31.97	0.001361	2.88	80.94	33.53	84.11	117.64
R.SanGiorgio	ReachM2	1050.149	Tr=200 anni	255.54	26.32	31.76	32.19	0.001292	2.89	88.29	34.90	83.35	118.24
R.SanGiorgio	ReachM2	1050.149	Tr=500 anni	285.90	26.32	32.03	32.47	0.001207	2.91	98.10	36.48	82.51	118.99
R.SanGiorgio	ReachM2	1024.518	Tr=50 anni	210.50	26.76	30.53	31.61	0.004586	4.60	45.78	21.44	46.13	67.57
R.SanGiorgio	ReachM2	1024.518	Tr=100 anni	232.93	26.76	30.69	31.84	0.004557	4.75	49.09	21.72	45.88	67.61
R.SanGiorgio	ReachM2	1024.518	Tr=200 anni	255.54	26.76	30.84	32.05	0.004486	4.87	52.49	21.99	45.66	67.65
R.SanGiorgio	ReachM2	1024.518	Tr=500 anni	285.90	26.76	31.05	32.33	0.004360	5.00	57.13	22.34	45.36	67.70
R.SanGiorgio	ReachM2	1008.762	Tr=50 anni	210.50	26.97	29.85	31.46	0.008277	5.63	37.39	22.40	66.48	88.88
R.SanGiorgio	ReachM2	1008.762	Tr=100 anni	232.93	26.97	29.97	31.68	0.008164	5.80	40.19	22.75	66.34	89.10
R.SanGiorgio	ReachM2	1008.762	Tr=200 anni	255.54	26.97	30.09	31.90	0.008076	5.95	42.91	23.09	66.21	89.29
R.SanGiorgio	ReachM2	1008.762	Tr=500 anni	285.90	26.97	31.37	32.12	0.001990	3.82	74.76	26.67	65.08	91.74
R.SanGiorgio	ReachM2	974.9812	Tr=50 anni	210.50	26.00	30.04	31.20	0.004186	4.76	44.20	19.18	49.45	68.63
R.SanGiorgio	ReachM2	974.9812	Tr=100 anni	232.93	26.00	30.22	31.44	0.004147	4.90	47.58	19.58	49.31	68.89
R.SanGiorgio	ReachM2	974.9812	Tr=200 anni	255.54	26.00	30.39	31.67	0.004112	5.02	50.90	19.97	49.17	69.14
R.SanGiorgio	ReachM2	974.9812	Tr=500 anni	285.90	26.00	30.62	31.96	0.004067	5.14	55.62	20.87	48.93	69.80
R.SanGiorgio	ReachM2	949.8016	Tr=50 anni	210.50	26.43	28.86	30.95	0.010123	6.40	32.89	18.54	49.77	68.31
R.SanGiorgio	ReachM2	949.8016	Tr=100 anni	232.93	26.43	29.01	31.19	0.009928	6.55	35.59	19.09	49.50	68.59
R.SanGiorgio	ReachM2	949.8016	Tr=200 anni	255.54	26.43	29.14	31.42	0.009802	6.69	38.22	19.64	49.24	68.88
R.SanGiorgio	ReachM2	949.8016	Tr=500 anni	285.90	26.43	29.32	31.71	0.009586	6.85	41.74	20.31	48.96	69.27
R.SanGiorgio	ReachM2	925.3276	Tr=50 anni	210.50	25.10	30.12	30.35	0.000546	2.13	98.70	32.66	39.10	71.75
R.SanGiorgio	ReachM2	925.3276	Tr=100 anni	232.93	25.10	30.37	30.61	0.000580	2.18	107.07	36.05	38.64	106.16
R.SanGiorgio	ReachM2	925.3276	Tr=200 anni	255.54	25.10	30.51	30.77	0.000887	2.25	113.35	50.37	38.38	106.30
R.SanGiorgio	ReachM2	925.3276	Tr=500 anni	285.90	25.10	30.70	30.98	0.000883	2.33	122.83	51.70	37.97	106.48
R.SanGiorgio	ReachM2	900.1073	Tr=50 anni	210.50	25.16	29.86	30.31	0.001133	2.97	70.94	23.99	48.66	72.65
R.SanGiorgio	ReachM2	900.1073	Tr=100 anni	232.93	25.16	30.11	30.57	0.001626	3.00	77.52	34.47	48.34	106.06
R.SanGiorgio	ReachM2	900.1073	Tr=200 anni	255.54	25.16	30.22	30.72	0.001774	3.14	81.45	36.27	48.19	106.33
R.SanGiorgio	ReachM2	900.1073	Tr=500 anni	285.90	25.16	30.37	30.92	0.001920	3.28	87.12	38.51	47.98	106.63
R.SanGiorgio	ReachM2	875.1917	Tr=50 anni	210.50	25.37	29.05	30.19	0.004071	4.73	44.54	19.63	63.73	83.36
R.SanGiorgio	ReachM2	875.1917	Tr=100 anni	232.93	25.37	29.21	30.43	0.004138	4.90	47.55	20.04	63.56	83.60
R.SanGiorgio	ReachM2	875.1917	Tr=200 anni	255.54	25.37	29.75	30.62	0.004353	4.12	62.10	36.25	62.92	118.26
R.SanGiorgio	ReachM2	875.1917	Tr=500 anni	285.90	25.37	29.91	30.81	0.004327	4.21	67.83	38.00	62.74	118.48
R.SanGiorgio	ReachM2	848.6888	Tr=50 anni	210.50	24.30	27.27	29.87	0.011819	7.15	29.44	15.44	52.25	67.69
R.SanGiorgio	ReachM2	848.6888	Tr=100 anni	232.93	24.30	27.44	30.11	0.011341	7.24	32.15	15.98	52.05	68.04
R.SanGiorgio	ReachM2	848.6888	Tr=200 anni	255.54	24.30	27.66	30.27	0.010247	7.16	35.67	16.65	51.82	68.47
R.SanGiorgio	ReachM2	848.6888	Tr=500 anni	285.90	24.30	27.93	30.49	0.009126	7.08	40.36	17.48	51.52	69.00
R.SanGiorgio	ReachM2	825.1872	Tr=50 anni	210.50	23.98	27.29	29.50	0.010095	6.59	31.95	16.76	52.51	69.27
R.SanGiorgio	ReachM2	825.1872	Tr=100 anni	232.93	23.98	27.44	29.76	0.009993	6.75	34.50	17.30	52.29	69.59
R.SanGiorgio	ReachM2	825.1872	Tr=200 anni	255.54	23.98	27.62	29.96	0.009425	6.78	37.68	17.93	52.03	69.96
R.SanGiorgio	ReachM2	825.1872	Tr=500 anni	285.90	23.98	27.84	30.22	0.008902	6.84	41.82	18.82	51.65	70.46
R.SanGiorgio	ReachM2	799.8812	Tr=50 anni	210.50	24.26	27.75	29.09	0.005096	5.12	41.14	18.58	52.16	70.74
R.SanGiorgio	ReachM2	799.8812	Tr=100 anni	232.93	24.26	27.87	29.34	0.005521	5.38	43.27	19.26	52.01	71.27
R.SanGiorgio	ReachM2	799.8812	Tr=200 anni	255.54	24.26	28.13	29.52	0.005953	5.24	48.80	24.38	51.66	81.21
R.SanGiorgio	ReachM2	799.8812	Tr=500 anni	285.90	24.26	28.32	29.74	0.006880	5.28	54.12	30.14	51.39	81.53
R.SanGiorgio	ReachM2	774.6312	Tr=50 anni	210.50	23.56	26.31	28.77	0.013976	6.96	30.25	19.50	49.91	69.41
R.SanGiorgio	ReachM2	774.6312	Tr=100 anni	232.93	23.56	26.43	29.02	0.013792	7.13	32.66	20.08	49.71	69.78
R.SanGiorgio	ReachM2	774.6312	Tr=200 anni	255.54	23.56	26.58	29.19	0.012821	7.16	35.71	20.63	49.45	70.08
R.SanGiorgio	ReachM2	774.6312	Tr=500 anni	285.90	23.56	26.78	29.40	0.011624	7.17	39.87	21.26	49.09	70.34

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.SanGiorgio	ReachM2	749.6586	Tr=50 anni	210.50	22.53	25.58	28.38	0.014521	7.41	28.39	16.81	109.08	125.89
R.SanGiorgio	ReachM2	749.6586	Tr=100 anni	232.93	22.53	25.72	28.64	0.014114	7.56	30.79	17.28	108.89	126.16
R.SanGiorgio	ReachM2	749.6586	Tr=200 anni	255.54	22.53	25.88	28.83	0.013248	7.60	33.62	17.82	108.66	126.48
R.SanGiorgio	ReachM2	749.6586	Tr=500 anni	285.90	22.53	26.10	29.06	0.012229	7.63	37.45	18.51	108.37	126.88
R.SanGiorgio	ReachM2	706.8635	Tr=50 anni	212.57	22.74	26.40	27.45	0.006795	4.54	46.85	33.40	201.12	234.52
R.SanGiorgio	ReachM2	706.8635	Tr=100 anni	235.22	22.74	26.39	27.69	0.008549	5.06	46.45	33.37	201.14	234.51
R.SanGiorgio	ReachM2	706.8635	Tr=200 anni	258.06	22.74	26.43	27.92	0.009465	5.41	47.70	33.47	201.07	234.54
R.SanGiorgio	ReachM2	706.8635	Tr=500 anni	288.72	22.74	26.48	28.21	0.010509	5.83	49.55	33.61	200.96	234.57
R.SanGiorgio	ReachM2	674.6848	Tr=50 anni	212.57	21.87	24.57	27.00	0.015246	6.90	30.81	21.62	108.56	130.18
R.SanGiorgio	ReachM2	674.6848	Tr=100 anni	235.22	21.87	24.69	27.22	0.015048	7.04	33.39	22.49	108.24	130.73
R.SanGiorgio	ReachM2	674.6848	Tr=200 anni	258.06	21.87	24.80	27.42	0.015296	7.17	35.97	23.91	107.93	131.84
R.SanGiorgio	ReachM2	674.6848	Tr=500 anni	288.72	21.87	24.93	27.69	0.015963	7.37	39.17	25.86	107.56	133.42
R.SanGiorgio	ReachM2	649.974	Tr=50 anni	212.57	20.63	22.80	26.43	0.022321	8.44	25.19	17.36	96.16	113.52
R.SanGiorgio	ReachM2	649.974	Tr=100 anni	235.22	20.63	22.93	26.66	0.021293	8.55	27.50	17.88	95.97	113.85
R.SanGiorgio	ReachM2	649.974	Tr=200 anni	258.06	20.63	23.06	26.87	0.020301	8.65	29.83	18.36	95.78	114.14
R.SanGiorgio	ReachM2	649.974	Tr=500 anni	288.72	20.63	23.22	27.15	0.019164	8.78	32.90	18.92	95.55	114.47
R.SanGiorgio	ReachM2	624.5736	Tr=50 anni	212.57	20.22	23.45	25.57	0.011940	6.44	32.99	20.99	48.09	69.08
R.SanGiorgio	ReachM2	624.5736	Tr=100 anni	235.22	20.22	23.57	25.81	0.012129	6.63	35.46	21.86	47.39	69.25
R.SanGiorgio	ReachM2	624.5736	Tr=200 anni	258.06	20.22	23.68	26.05	0.012115	6.82	37.86	22.38	47.03	69.41
R.SanGiorgio	ReachM2	624.5736	Tr=500 anni	288.72	20.22	23.81	26.35	0.012126	7.05	40.96	23.02	46.59	69.61
R.SanGiorgio	ReachM2	600.1503	Tr=50 anni	212.57	20.08	22.95	25.25	0.012632	6.73	31.60	19.90	48.77	68.66
R.SanGiorgio	ReachM2	600.1503	Tr=100 anni	235.22	20.08	23.07	25.49	0.012477	6.90	34.10	20.47	48.55	69.03
R.SanGiorgio	ReachM2	600.1503	Tr=200 anni	258.06	20.08	23.19	25.73	0.012358	7.06	36.56	21.02	48.35	69.38
R.SanGiorgio	ReachM2	600.1503	Tr=500 anni	288.72	20.08	23.33	26.03	0.012241	7.28	39.67	21.80	48.10	69.70
R.SanGiorgio	ReachM2	574.8342	Tr=50 anni	212.57	19.52	22.63	24.94	0.012220	6.73	31.58	19.04	49.01	68.06
R.SanGiorgio	ReachM2	574.8342	Tr=100 anni	235.22	19.52	22.77	25.16	0.013277	6.85	34.34	21.59	48.79	70.38
R.SanGiorgio	ReachM2	574.8342	Tr=200 anni	258.06	19.52	22.88	25.40	0.013354	7.03	36.69	22.26	48.62	70.88
R.SanGiorgio	ReachM2	574.8342	Tr=500 anni	288.72	19.52	23.01	25.71	0.013638	7.28	39.66	23.22	48.42	71.63
R.SanGiorgio	ReachM2	549.8201	Tr=50 anni	212.57	20.14	23.13	24.37	0.008277	4.92	43.21	31.50	47.15	84.55
R.SanGiorgio	ReachM2	549.8201	Tr=100 anni	235.22	20.14	23.18	24.59	0.009167	5.25	44.79	31.93	47.05	84.58
R.SanGiorgio	ReachM2	549.8201	Tr=200 anni	258.06	20.14	23.21	24.83	0.010381	5.64	45.79	32.22	46.96	84.61
R.SanGiorgio	ReachM2	549.8201	Tr=500 anni	288.72	20.14	23.27	25.14	0.011678	6.07	47.60	32.73	46.81	84.65
R.SanGiorgio	ReachM2	524.689	Tr=50 anni	212.57	18.31	23.62	24.02	0.001649	2.80	76.03	38.04	45.74	83.78
R.SanGiorgio	ReachM2	524.689	Tr=100 anni	235.22	18.31	23.75	24.18	0.001837	2.89	81.36	42.21	41.80	84.01
R.SanGiorgio	ReachM2	524.689	Tr=200 anni	258.06	18.31	22.61	24.51	0.013308	6.10	42.27	31.42	50.97	82.40
R.SanGiorgio	ReachM2	524.689	Tr=500 anni	288.72	18.31	22.69	24.80	0.013806	6.43	44.88	31.68	50.81	82.49
R.SanGiorgio	ReachM2	490.4755	Tr=50 anni	212.57	18.79	23.18	23.90	0.004644	3.77	56.45	39.23	40.65	79.88
R.SanGiorgio	ReachM2	490.4755	Tr=100 anni	235.22	18.79	23.27	24.05	0.004628	3.90	60.26	39.54	40.46	80.00
R.SanGiorgio	ReachM2	490.4755	Tr=200 anni	258.06	18.79	23.39	24.20	0.004440	3.99	64.76	39.89	40.24	80.14
R.SanGiorgio	ReachM2	490.4755	Tr=500 anni	288.72	18.79	23.50	24.39	0.004473	4.16	69.36	40.19	40.09	80.27
R.SanGiorgio	ReachM2	450.1813	Tr=50 anni	212.57	19.05	21.81	23.50	0.014168	5.77	36.87	32.55	41.75	74.30
R.SanGiorgio	ReachM2	450.1813	Tr=100 anni	235.22	19.05	21.91	23.66	0.013302	5.86	40.11	32.87	41.57	74.45
R.SanGiorgio	ReachM2	450.1813	Tr=200 anni	258.06	19.05	22.00	23.81	0.012604	5.96	43.27	33.17	41.40	74.57
R.SanGiorgio	ReachM2	450.1813	Tr=500 anni	288.72	19.05	22.13	24.01	0.011754	6.08	47.52	33.56	41.18	74.74
R.SanGiorgio	ReachM2	425.1432	Tr=50 anni	212.57	18.43	20.82	22.99	0.025704	6.53	32.57	37.91	37.48	75.40
R.SanGiorgio	ReachM2	425.1432	Tr=100 anni	235.22	18.43	20.88	23.16	0.024614	6.69	35.16	38.15	37.37	75.51
R.SanGiorgio	ReachM2	425.1432	Tr=200 anni	258.06	18.43	20.95	23.33	0.023635	6.84	37.73	38.38	37.25	75.63
R.SanGiorgio	ReachM2	425.1432	Tr=500 anni	288.72	18.43	21.04	23.55	0.022468	7.02	41.13	38.68	37.10	75.78
R.SanGiorgio	ReachM2	400.1737	Tr=50 anni	212.57	17.91	20.21	22.33	0.025563	6.45	32.95	38.86	37.27	85.14
R.SanGiorgio	ReachM2	400.1737	Tr=100 anni	235.22	17.91	20.27	22.53	0.025838	6.67	35.28	39.91	37.19	85.35
R.SanGiorgio	ReachM2	400.1737	Tr=200 anni	258.06	17.91	20.33	22.72	0.025910	6.85	37.68	40.99	37.10	85.56
R.SanGiorgio	ReachM2	400.1737	Tr=500 anni	288.72	17.91	20.40	22.95	0.025614	7.07	40.85	41.98	36.99	85.65
R.SanGiorgio	ReachM2	375.2318	Tr=50 anni	212.57	17.61	19.28	21.65	0.027074	6.82	31.18	35.33	50.21	85.54
R.SanGiorgio	ReachM2	375.2318	Tr=100 anni	235.22	17.61	19.35	21.84	0.027402	7.00	33.59	36.91	49.32	86.24
R.SanGiorgio	ReachM2	375.2318	Tr=200 anni	258.06	17.61	19.41	22.02	0.028190	7.16	36.06	39.20	47.80	87.01
R.SanGiorgio	ReachM2	375.2318	Tr=500 anni	288.72	17.61	19.49	22.24	0.029160	7.35	39.28	42.11	45.74	87.86
R.SanGiorgio	ReachM2	349.6125	Tr=50 anni	212.57	16.86	18.84	21.04	0.017867	6.58	32.29	28.14	48.46	76.59
R.SanGiorgio	ReachM2	349.6125	Tr=100 anni	235.22	16.86	18.96	21.11	0.022286	6.50	36.16	38.01	38.09	76.85
R.SanGiorgio	ReachM2	349.6125	Tr=200 anni	258.06	16.86	19.02	21.28	0.022224	6.65	38.82	39.39	37.62	77.01
R.SanGiorgio	ReachM2	349.6125	Tr=500 anni	288.72	16.86	19.11	21.50	0.021549	6.85	42.16	39.96	37.26	77.22
R.SanGiorgio	ReachM2	294.1072	Tr=50 anni	212.57	15.78	18.16	19.70	0.024027	5.49	38.71	55.30	35.94	91.24
R.SanGiorgio	ReachM2	294.1072	Tr=100 anni	235.22	15.78	18.25	19.73	0.020105	5.40	43.56	55.81	35.61	91.42
R.SanGiorgio	ReachM2	294.1072	Tr=200 anni	258.06	15.78	18.29	19.90	0.020399	5.62	45.91	55.97	35.52	91.50
R.SanGiorgio	ReachM2	294.1072	Tr=500 anni	288.72	15.78	18.34	20.13	0.021124	5.93	48.67	56.17	35.42	91.58
R.SanGiorgio	ReachM3	203.7589	Tr=50 anni	235.04	15.37	16.30	17.58	0.021437	5.02	46.85	71.37	32.02	103.39
R.SanGiorgio	ReachM3	203.7589	Tr=100 anni	260.12	15.37	16.32	17.78	0.023110	5.34	48.72	71.51	31.95	103.46
R.SanGiorgio	ReachM3	203.7589	Tr=200 anni	285.42	15.37	16.36	17.92	0.023055	5.53	51.61	71.71	31.84	103.56
R.SanGiorgio	ReachM3	203.7589	Tr=500 anni	319.38	15.37	16.42	18.11	0.022912	5.76	55.41	71.99	31.69	103.68
R.SanGiorgio	ReachM3	121.8947	Tr=50 anni	235.04	14.25	16.62	17.06	0.005023	2.96	79.39	89.07	54.76	162.34
R.SanGiorgio	ReachM3	121.8947	Tr=100 anni	260.12	14.25	16.68	17.16	0.004947	3.05	85.28	90.43	54.66	162.45
R.SanGiorgio	ReachM3	121.8947	Tr=200 anni	285.42	14.25	16.76	17.25	0.004892	3.08	92.62	95.91	54.55	162.59
R.SanGiorgio	ReachM3	121.8947	Tr=500 anni	319.38	14.25	16.84	17.36	0.004798	3.18	100.32	97.46	54.44	162.79

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.SanGiorgio	ReachM3	5.993579	Tr=50 anni	235.04	14.21	15.44	16.19	0.011595	3.82	61.49	88.51	35.85	176.73
R.SanGiorgio	ReachM3	5.993579	Tr=100 anni	260.12	14.21	15.49	16.29	0.011550	3.95	65.83	89.84	35.67	176.87
R.SanGiorgio	ReachM3	5.993579	Tr=200 anni	285.42	14.21	15.54	16.38	0.011444	4.06	70.31	91.51	35.48	177.00
R.SanGiorgio	ReachM3	5.993579	Tr=500 anni	319.38	14.21	15.61	16.49	0.011805	4.16	76.70	98.35	35.23	177.26
R.DeGravellu	ReachM1	3136.296	Tr=50 anni	3.57	317.17	317.71	317.85	0.007636	1.70	2.10	7.39	24.09	31.49
R.DeGravellu	ReachM1	3136.296	Tr=100 anni	3.95	317.17	317.73	317.88	0.007521	1.75	2.26	7.54	23.98	31.52
R.DeGravellu	ReachM1	3136.296	Tr=200 anni	4.35	317.17	317.75	317.91	0.007369	1.79	2.43	7.68	23.87	31.55
R.DeGravellu	ReachM1	3136.296	Tr=500 anni	4.87	317.17	317.78	317.95	0.007219	1.84	2.64	7.86	23.73	31.59
R.DeGravellu	ReachM1	3110.563	Tr=50 anni	3.57	311.90	312.09	316.74	0.887526	9.56	0.37	3.49	55.91	59.40
R.DeGravellu	ReachM1	3110.563	Tr=100 anni	3.95	311.90	312.10	316.79	0.809538	9.59	0.41	3.57	55.85	59.43
R.DeGravellu	ReachM1	3110.563	Tr=200 anni	4.35	311.90	312.11	316.83	0.743888	9.63	0.45	3.66	55.80	59.45
R.DeGravellu	ReachM1	3110.563	Tr=500 anni	4.87	311.90	312.13	316.88	0.673814	9.66	0.50	3.76	55.73	59.49
R.DeGravellu	ReachM1	3084.915	Tr=50 anni	3.57	306.78	307.07	307.98	0.147539	4.22	0.85	7.04	59.93	66.97
R.DeGravellu	ReachM1	3084.915	Tr=100 anni	3.95	306.78	307.08	308.07	0.152353	4.42	0.89	7.14	59.85	66.99
R.DeGravellu	ReachM1	3084.915	Tr=200 anni	4.35	306.78	307.09	308.17	0.157224	4.61	0.94	7.24	59.77	67.00
R.DeGravellu	ReachM1	3084.915	Tr=500 anni	4.87	306.78	307.10	308.29	0.163256	4.84	1.01	7.36	59.67	67.03
R.DeGravellu	ReachM1	3009.769	Tr=50 anni	3.57	289.93	290.14	291.95	0.330844	5.95	0.60	5.49	64.56	70.06
R.DeGravellu	ReachM1	3009.769	Tr=100 anni	3.95	289.93	290.15	292.01	0.316982	6.04	0.65	5.67	64.43	70.10
R.DeGravellu	ReachM1	3009.769	Tr=200 anni	4.35	289.93	290.16	292.08	0.304691	6.13	0.71	5.85	64.29	70.13
R.DeGravellu	ReachM1	3009.769	Tr=500 anni	4.87	289.93	290.17	292.16	0.291550	6.24	0.78	6.06	64.12	70.18
R.DeGravellu	ReachM1	2985.14	Tr=50 anni	3.57	282.18	282.45	284.65	0.264458	6.57	0.54	3.59	57.46	61.05
R.DeGravellu	ReachM1	2985.14	Tr=100 anni	3.95	282.18	282.46	284.81	0.267451	6.79	0.58	3.69	57.38	61.08
R.DeGravellu	ReachM1	2985.14	Tr=200 anni	4.35	282.18	282.47	284.96	0.269744	7.00	0.62	3.79	57.31	61.11
R.DeGravellu	ReachM1	2985.14	Tr=500 anni	4.87	282.18	282.48	285.16	0.271831	7.24	0.67	3.92	57.22	61.14
R.DeGravellu	ReachM1	2959.148	Tr=50 anni	3.57	276.77	277.08	278.24	0.209380	4.78	0.75	6.73	43.56	50.29
R.DeGravellu	ReachM1	2959.148	Tr=100 anni	3.95	276.77	277.09	278.34	0.210259	4.96	0.80	6.81	43.52	50.34
R.DeGravellu	ReachM1	2959.148	Tr=200 anni	4.35	276.77	277.09	278.44	0.211265	5.13	0.85	6.89	43.49	50.38
R.DeGravellu	ReachM1	2959.148	Tr=500 anni	4.87	276.77	277.10	278.56	0.212943	5.35	0.91	6.99	43.44	50.43
R.DeGravellu	ReachM1	2935.456	Tr=50 anni	3.57	271.80	272.09	273.64	0.177372	5.53	0.65	4.08	59.96	64.03
R.DeGravellu	ReachM1	2935.456	Tr=100 anni	3.95	271.80	272.10	273.75	0.176194	5.69	0.69	4.19	59.93	64.12
R.DeGravellu	ReachM1	2935.456	Tr=200 anni	4.35	271.80	272.11	273.85	0.175291	5.84	0.74	4.30	59.90	64.20
R.DeGravellu	ReachM1	2935.456	Tr=500 anni	4.87	271.80	272.12	273.97	0.174474	6.02	0.81	4.44	59.87	64.31
R.DeGravellu	ReachM1	2910.208	Tr=50 anni	3.57	267.12	267.44	269.17	0.175848	5.82	0.61	3.57	63.63	67.20
R.DeGravellu	ReachM1	2910.208	Tr=100 anni	3.95	267.12	267.46	269.27	0.176986	5.96	0.66	3.73	63.51	67.24
R.DeGravellu	ReachM1	2910.208	Tr=200 anni	4.35	267.12	267.47	269.37	0.177977	6.11	0.71	3.89	63.40	67.29
R.DeGravellu	ReachM1	2910.208	Tr=500 anni	4.87	267.12	267.49	269.49	0.178844	6.28	0.78	4.08	63.26	67.34
R.DeGravellu	ReachM1	2885.208	Tr=50 anni	3.57	263.18	263.46	264.58	0.177105	4.69	0.76	6.22	60.82	67.04
R.DeGravellu	ReachM1	2885.208	Tr=100 anni	3.95	263.18	263.47	264.64	0.177974	4.80	0.82	6.53	60.54	67.06
R.DeGravellu	ReachM1	2885.208	Tr=200 anni	4.35	263.18	263.48	264.71	0.179281	4.91	0.89	6.82	60.27	67.09
R.DeGravellu	ReachM1	2885.208	Tr=500 anni	4.87	263.18	263.49	264.79	0.180788	5.05	0.96	7.17	59.94	67.11
R.DeGravellu	ReachM1	2860.542	Tr=50 anni	3.57	258.67	258.95	260.26	0.171419	5.06	0.70	5.00	59.45	64.46
R.DeGravellu	ReachM1	2860.542	Tr=100 anni	3.95	258.67	258.97	260.34	0.169286	5.19	0.76	5.15	59.42	64.57
R.DeGravellu	ReachM1	2860.542	Tr=200 anni	4.35	258.67	258.98	260.42	0.167271	5.32	0.82	5.30	59.38	64.68
R.DeGravellu	ReachM1	2860.542	Tr=500 anni	4.87	258.67	258.99	260.51	0.164697	5.46	0.89	5.48	59.33	64.82
R.DeGravellu	ReachM1	2835.199	Tr=50 anni	3.57	254.75	254.99	256.10	0.153092	4.66	0.77	5.67	59.53	65.20
R.DeGravellu	ReachM1	2835.199	Tr=100 anni	3.95	254.75	255.00	256.15	0.156155	4.75	0.83	6.07	59.46	65.53
R.DeGravellu	ReachM1	2835.199	Tr=200 anni	4.35	254.75	255.01	256.23	0.158021	4.89	0.89	6.28	59.41	65.69
R.DeGravellu	ReachM1	2835.199	Tr=500 anni	4.87	254.75	255.02	256.33	0.160171	5.06	0.96	6.51	59.37	65.88
R.DeGravellu	ReachM1	2812.456	Tr=50 anni	3.57	250.60	250.95	252.33	0.177101	5.21	0.69	4.76	44.32	49.09
R.DeGravellu	ReachM1	2812.456	Tr=100 anni	3.95	250.60	250.96	252.40	0.172564	5.30	0.75	4.94	44.25	49.20
R.DeGravellu	ReachM1	2812.456	Tr=200 anni	4.35	250.60	250.97	252.47	0.170629	5.42	0.80	5.11	44.19	49.30
R.DeGravellu	ReachM1	2812.456	Tr=500 anni	4.87	250.60	250.99	252.56	0.169542	5.55	0.88	5.37	44.11	49.49
R.DeGravellu	ReachM1	2785.067	Tr=50 anni	3.57	245.44	245.64	246.99	0.215575	5.14	0.69	5.74	59.12	64.86
R.DeGravellu	ReachM1	2785.067	Tr=100 anni	3.95	245.44	245.64	247.09	0.218832	5.33	0.74	5.89	59.08	64.98
R.DeGravellu	ReachM1	2785.067	Tr=200 anni	4.35	245.44	245.65	247.18	0.220209	5.47	0.79	6.09	59.05	65.14
R.DeGravellu	ReachM1	2785.067	Tr=500 anni	4.87	245.44	245.66	247.28	0.220145	5.64	0.86	6.34	59.01	65.34
R.DeGravellu	ReachM1	2760.27	Tr=50 anni	3.57	241.21	241.50	242.41	0.151257	4.21	0.85	7.24	55.01	66.16
R.DeGravellu	ReachM1	2760.27	Tr=100 anni	3.95	241.21	241.51	242.44	0.152448	4.27	0.93	7.82	54.97	66.27
R.DeGravellu	ReachM1	2760.27	Tr=200 anni	4.35	241.21	241.52	242.48	0.153939	4.33	1.00	8.36	54.93	66.38
R.DeGravellu	ReachM1	2760.27	Tr=500 anni	4.87	241.21	241.54	242.52	0.156660	4.39	1.11	9.14	54.88	66.51
R.DeGravellu	ReachM1	2735.167	Tr=50 anni	3.57	236.78	236.99	238.33	0.171369	5.12	0.70	4.87	61.01	65.88
R.DeGravellu	ReachM1	2735.167	Tr=100 anni	3.95	236.78	237.01	238.40	0.166060	5.24	0.75	4.98	60.96	65.94
R.DeGravellu	ReachM1	2735.167	Tr=200 anni	4.35	236.78	237.02	238.47	0.161300	5.35	0.81	5.09	60.91	66.00
R.DeGravellu	ReachM1	2735.167	Tr=500 anni	4.87	236.78	237.03	238.56	0.154973	5.47	0.89	5.23	60.84	66.07
R.DeGravellu	ReachM1	2710.125	Tr=50 anni	3.57	233.51	233.71	234.27	0.136971	3.31	1.08	12.32	56.75	69.07
R.DeGravellu	ReachM1	2710.125	Tr=100 anni	3.95	233.51	233.72	234.33	0.141772	3.48	1.14	12.36	56.73	69.09
R.DeGravellu	ReachM1	2710.125	Tr=200 anni	4.35	233.51	233.72	234.40	0.146161	3.64	1.19	12.41	56.71	69.12
R.DeGravellu	ReachM1	2710.125	Tr=500 anni	4.87	233.51	233.73	234.48	0.151937	3.85	1.27	12.47	56.68	69.15
R.DeGravellu	ReachM1	2685.329	Tr=50 anni	3.57	229.90	230.08	230.83	0.139287	3.82	0.94	8.75	55.48	64.23
R.DeGravellu	ReachM1	2685.329	Tr=100 anni	3.95	229.90	230.09	230.87	0.136030	3.91	1.01	8.93	55.43	64.36
R.DeGravellu	ReachM1	2685.329	Tr=200 anni	4.35	229.90	230.10	230.92	0.133521	4.01	1.08	9.11	55.38	64.49
R.DeGravellu	ReachM1	2685.329	Tr=500 anni	4.87	229.90	230.11	230.98	0.130649	4.14	1.18	9.29	55.33	64.62
R.DeGravellu	ReachM1	2660.287	Tr=50 anni	3.57	226.83	227.03	227.56	0.117850	3.23	1.11	11.73	57.16	68.88

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.DeGravellu	ReachM1	2660.287	Tr=100 anni	3.95	226.83	227.03	227.61	0.120314	3.36	1.18	11.96	57.02	68.97
R.DeGravellu	ReachM1	2660.287	Tr=200 anni	4.35	226.83	227.04	227.66	0.122396	3.49	1.25	12.08	56.98	69.06
R.DeGravellu	ReachM1	2660.287	Tr=500 anni	4.87	226.83	227.05	227.73	0.124773	3.66	1.33	12.24	56.93	69.17
R.DeGravellu	ReachM1	2635.729	Tr=50 anni	3.57	224.14	224.40	224.94	0.097057	3.27	1.09	9.85	54.93	64.79
R.DeGravellu	ReachM1	2635.729	Tr=100 anni	3.95	224.14	224.40	224.97	0.096349	3.34	1.18	10.27	54.86	65.14
R.DeGravellu	ReachM1	2635.729	Tr=200 anni	4.35	224.14	224.41	225.00	0.095744	3.41	1.28	10.68	54.80	65.48
R.DeGravellu	ReachM1	2635.729	Tr=500 anni	4.87	224.14	224.42	225.05	0.095270	3.50	1.39	11.18	54.71	65.89
R.DeGravellu	ReachM1	2618.111	Tr=50 anni	3.57	221.81	222.09	223.04	0.114906	4.33	0.82	5.50	68.39	73.90
R.DeGravellu	ReachM1	2618.111	Tr=100 anni	3.95	221.81	222.10	223.09	0.113233	4.42	0.89	5.73	68.31	74.03
R.DeGravellu	ReachM1	2618.111	Tr=200 anni	4.35	221.81	222.11	223.14	0.111374	4.50	0.97	5.95	68.22	74.17
R.DeGravellu	ReachM1	2618.111	Tr=500 anni	4.87	221.81	222.13	223.20	0.109339	4.60	1.06	6.22	68.12	74.34
R.DeGravellu	ReachM1	2585.552	Tr=50 anni	3.57	218.93	219.29	220.04	0.072917	3.84	0.93	5.27	57.80	63.06
R.DeGravellu	ReachM1	2585.552	Tr=100 anni	3.95	218.93	219.30	220.10	0.073598	3.95	1.00	5.47	57.70	63.17
R.DeGravellu	ReachM1	2585.552	Tr=200 anni	4.35	218.93	219.31	220.15	0.074344	4.06	1.07	5.66	57.61	63.28
R.DeGravellu	ReachM1	2585.552	Tr=500 anni	4.87	218.93	219.33	220.23	0.075234	4.19	1.16	5.90	57.50	63.41
R.DeGravellu	ReachM1	2560.479	Tr=50 anni	3.57	217.61	218.02	218.58	0.044349	3.31	1.08	5.25	59.65	64.91
R.DeGravellu	ReachM1	2560.479	Tr=100 anni	3.95	217.61	218.04	218.62	0.044435	3.39	1.16	5.45	59.57	65.02
R.DeGravellu	ReachM1	2560.479	Tr=200 anni	4.35	217.61	218.05	218.67	0.044525	3.48	1.25	5.65	59.48	65.14
R.DeGravellu	ReachM1	2560.479	Tr=500 anni	4.87	217.61	218.07	218.73	0.044665	3.58	1.36	5.89	59.38	65.27
R.DeGravellu	ReachM1	2535.385	Tr=50 anni	3.57	215.92	216.11	216.73	0.144454	3.49	1.02	11.28	49.76	61.04
R.DeGravellu	ReachM1	2535.385	Tr=100 anni	3.95	215.92	216.12	216.78	0.142633	3.61	1.10	11.35	49.72	61.07
R.DeGravellu	ReachM1	2535.385	Tr=200 anni	4.35	215.92	216.13	216.83	0.140814	3.72	1.17	11.42	49.68	61.10
R.DeGravellu	ReachM1	2535.385	Tr=500 anni	4.87	215.92	216.13	216.89	0.138461	3.87	1.26	11.50	49.64	61.14
R.DeGravellu	ReachM1	2510.818	Tr=50 anni	3.57	213.87	214.12	214.48	0.059869	2.65	1.35	11.54	49.24	60.79
R.DeGravellu	ReachM1	2510.818	Tr=100 anni	3.95	213.87	214.12	214.51	0.060733	2.77	1.43	11.61	49.21	60.82
R.DeGravellu	ReachM1	2510.818	Tr=200 anni	4.35	213.87	214.13	214.55	0.061550	2.88	1.51	11.68	49.19	60.86
R.DeGravellu	ReachM1	2510.818	Tr=500 anni	4.87	213.87	214.14	214.61	0.062605	3.02	1.61	11.76	49.15	60.91
R.DeGravellu	ReachM1	2485.227	Tr=50 anni	3.57	210.07	210.34	211.84	0.190964	5.43	0.66	4.57	58.44	63.01
R.DeGravellu	ReachM1	2485.227	Tr=100 anni	3.95	210.07	210.36	211.89	0.183643	5.50	0.72	4.76	58.32	63.09
R.DeGravellu	ReachM1	2485.227	Tr=200 anni	4.35	210.07	210.37	211.95	0.177186	5.56	0.78	4.95	58.21	63.16
R.DeGravellu	ReachM1	2485.227	Tr=500 anni	4.87	210.07	210.38	212.01	0.170057	5.64	0.86	5.18	58.06	63.24
R.DeGravellu	ReachM1	2450.227	Tr=50 anni	3.57	209.24	209.95	209.96	0.000423	0.51	6.96	17.08	37.21	54.29
R.DeGravellu	ReachM1	2450.227	Tr=100 anni	3.95	209.24	209.97	209.98	0.000446	0.54	7.35	17.47	36.99	54.46
R.DeGravellu	ReachM1	2450.227	Tr=200 anni	4.35	209.24	209.99	210.01	0.000469	0.56	7.74	17.86	36.77	54.63
R.DeGravellu	ReachM1	2450.227	Tr=500 anni	4.87	209.24	210.02	210.04	0.000496	0.59	8.23	18.34	36.50	54.84
R.DeGravellu	ReachM1	2435.586	Tr=50 anni	3.57	209.39	209.82	209.93	0.008176	1.48	2.41	11.08	60.55	71.62
R.DeGravellu	ReachM1	2435.586	Tr=100 anni	3.95	209.39	209.84	209.96	0.008054	1.52	2.60	11.46	60.32	71.78
R.DeGravellu	ReachM1	2435.586	Tr=200 anni	4.35	209.39	209.86	209.98	0.007924	1.55	2.81	11.84	60.10	71.94
R.DeGravellu	ReachM1	2435.586	Tr=500 anni	4.87	209.39	209.88	210.01	0.007812	1.59	3.07	12.30	59.83	72.13
R.DeGravellu	ReachM1	2410.464	Tr=50 anni	3.57	208.10	208.30	209.28	0.200820	4.38	0.81	8.16	56.33	64.49
R.DeGravellu	ReachM1	2410.464	Tr=100 anni	3.95	208.10	208.31	209.31	0.194048	4.44	0.89	8.53	56.14	64.67
R.DeGravellu	ReachM1	2410.464	Tr=200 anni	4.35	208.10	208.32	209.34	0.187461	4.49	0.97	8.90	55.94	64.84
R.DeGravellu	ReachM1	2410.464	Tr=500 anni	4.87	208.10	208.33	209.38	0.179066	4.54	1.07	9.37	55.69	65.06
R.DeGravellu	ReachM1	2384.988	Tr=50 anni	3.57	206.48	206.83	207.25	0.037408	2.90	1.23	6.46	54.08	60.54
R.DeGravellu	ReachM1	2384.988	Tr=100 anni	3.95	206.48	206.84	207.30	0.037783	2.99	1.32	6.66	53.99	60.64
R.DeGravellu	ReachM1	2384.988	Tr=200 anni	4.35	206.48	206.85	207.34	0.038138	3.08	1.41	6.86	53.89	60.75
R.DeGravellu	ReachM1	2384.988	Tr=500 anni	4.87	206.48	206.87	207.39	0.038564	3.19	1.53	7.11	53.77	60.88
R.DeGravellu	ReachM1	2360.461	Tr=50 anni	3.57	203.73	203.99	205.37	0.200283	5.20	0.69	5.27	57.49	62.76
R.DeGravellu	ReachM1	2360.461	Tr=100 anni	3.95	203.73	204.00	205.42	0.193524	5.27	0.75	5.51	57.32	62.82
R.DeGravellu	ReachM1	2360.461	Tr=200 anni	4.35	203.73	204.01	205.46	0.187512	5.33	0.82	5.74	57.15	62.89
R.DeGravellu	ReachM1	2360.461	Tr=500 anni	4.87	203.73	204.03	205.52	0.180817	5.41	0.90	6.03	56.94	62.97
R.DeGravellu	ReachM1	2339.253	Tr=50 anni	3.57	199.68	199.92	201.27	0.185807	5.16	0.69	5.08	39.10	44.18
R.DeGravellu	ReachM1	2339.253	Tr=100 anni	3.95	199.68	199.93	201.37	0.187369	5.33	0.74	5.22	39.04	44.26
R.DeGravellu	ReachM1	2339.253	Tr=200 anni	4.35	199.68	199.94	201.47	0.188285	5.49	0.79	5.36	38.98	44.34
R.DeGravellu	ReachM1	2339.253	Tr=500 anni	4.87	199.68	199.95	201.59	0.188807	5.68	0.86	5.53	38.91	44.44
R.DeGravellu	ReachM1	2310.234	Tr=50 anni	8.30	198.16	198.61	199.25	0.044664	3.54	2.34	10.41	56.47	66.89
R.DeGravellu	ReachM1	2310.234	Tr=100 anni	9.20	198.16	198.63	199.31	0.045428	3.66	2.51	10.79	56.22	67.01
R.DeGravellu	ReachM1	2310.234	Tr=200 anni	10.10	198.16	198.64	199.36	0.046169	3.77	2.68	11.14	55.98	67.12
R.DeGravellu	ReachM1	2310.234	Tr=500 anni	11.32	198.16	198.66	199.44	0.046983	3.91	2.89	11.52	55.68	67.20
R.DeGravellu	ReachM1	2285.542	Tr=50 anni	8.30	197.16	197.65	198.24	0.036548	3.38	2.45	10.05	57.16	67.21
R.DeGravellu	ReachM1	2285.542	Tr=100 anni	9.20	197.16	197.67	198.29	0.036439	3.47	2.65	10.46	56.95	67.42
R.DeGravellu	ReachM1	2285.542	Tr=200 anni	10.10	197.16	197.69	198.33	0.036358	3.54	2.85	10.85	56.76	67.61
R.DeGravellu	ReachM1	2285.542	Tr=500 anni	11.32	197.16	197.72	198.39	0.036406	3.65	3.11	11.34	56.51	67.85
R.DeGravellu	ReachM1	2260.716	Tr=50 anni	8.30	196.03	196.25	196.97	0.074556	3.76	2.21	13.24	57.62	70.86
R.DeGravellu	ReachM1	2260.716	Tr=100 anni	9.20	196.03	196.26	197.03	0.073034	3.87	2.38	13.40	57.54	70.95
R.DeGravellu	ReachM1	2260.716	Tr=200 anni	10.10	196.03	196.28	197.08	0.071777	3.98	2.54	13.56	57.47	71.03
R.DeGravellu	ReachM1	2260.716	Tr=500 anni	11.32	196.03	196.29	197.15	0.070116	4.11	2.75	13.77	57.37	71.14
R.DeGravellu	ReachM1	2235.574	Tr=50 anni	8.30	192.46	192.74	194.17	0.173314	5.29	1.57	10.61	63.05	73.65
R.DeGravellu	ReachM1	2235.574	Tr=100 anni	9.20	192.46	192.75	194.26	0.172808	5.43	1.69	10.96	62.88	73.85
R.DeGravellu	ReachM1	2235.574	Tr=200 anni	10.10	192.46	192.76	194.34	0.172114	5.56	1.81	11.30	62.73	74.03
R.DeGravellu	ReachM1	2235.574	Tr=500 anni	11.32	192.46	192.78	194.45	0.171294	5.73	1.98	11.74	62.53	74.27
R.DeGravellu	ReachM1	2209.894	Tr=50 anni	8.30	189.05	189.32	190.39	0.119841	4.60	1.81	11.42	65.47	76.89
R.DeGravellu	ReachM1	2209.894	Tr=100 anni	9.20	189.05	189.33	190.48	0.120497	4.74	1.94	11.75	65.25	76.99

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.DeGravellu	ReachM1	2209.894	Tr=200 anni	10.10	189.05	189.34	190.56	0.120880	4.90	2.06	11.95	65.14	77.09
R.DeGravellu	ReachM1	2209.894	Tr=500 anni	11.32	189.05	189.35	190.67	0.121275	5.09	2.23	12.19	65.01	77.21
R.DeGravellu	ReachM1	2188.253	Tr=50 anni	8.30	187.34	187.72	188.50	0.061486	3.90	2.13	10.42	36.14	46.56
R.DeGravellu	ReachM1	2188.253	Tr=100 anni	9.20	187.34	187.74	188.57	0.061648	4.04	2.28	10.60	36.05	46.66
R.DeGravellu	ReachM1	2188.253	Tr=200 anni	10.10	187.34	187.75	188.64	0.062075	4.17	2.42	10.78	35.97	46.74
R.DeGravellu	ReachM1	2188.253	Tr=500 anni	11.32	187.34	187.77	188.73	0.062665	4.34	2.61	10.99	35.86	46.85
R.DeGravellu	ReachM1	2160.239	Tr=50 anni	8.30	184.60	184.86	186.20	0.108712	5.12	1.62	8.08	56.67	64.75
R.DeGravellu	ReachM1	2160.239	Tr=100 anni	9.20	184.60	184.88	186.29	0.106154	5.25	1.75	8.23	56.61	64.84
R.DeGravellu	ReachM1	2160.239	Tr=200 anni	10.10	184.60	184.89	186.37	0.103744	5.38	1.88	8.38	56.55	64.93
R.DeGravellu	ReachM1	2160.239	Tr=500 anni	11.32	184.60	184.91	186.47	0.100903	5.53	2.05	8.57	56.47	65.04
R.DeGravellu	ReachM1	2134.942	Tr=50 anni	8.30	181.19	181.55	183.05	0.142090	5.43	1.53	8.51	56.98	65.50
R.DeGravellu	ReachM1	2134.942	Tr=100 anni	9.20	181.19	181.56	183.16	0.143908	5.60	1.64	8.83	56.93	65.76
R.DeGravellu	ReachM1	2134.942	Tr=200 anni	10.10	181.19	181.57	183.26	0.145432	5.75	1.76	9.12	56.88	66.01
R.DeGravellu	ReachM1	2134.942	Tr=500 anni	11.32	181.19	181.59	183.39	0.147236	5.95	1.90	9.50	56.82	66.32
R.DeGravellu	ReachM1	2110.462	Tr=50 anni	8.30	180.00	180.36	180.96	0.045617	3.42	2.43	11.57	53.79	65.36
R.DeGravellu	ReachM1	2110.462	Tr=100 anni	9.20	180.00	180.37	181.02	0.046445	3.57	2.58	11.67	53.74	65.41
R.DeGravellu	ReachM1	2110.462	Tr=200 anni	10.10	180.00	180.39	181.09	0.047212	3.71	2.72	11.77	53.68	65.45
R.DeGravellu	ReachM1	2110.462	Tr=500 anni	11.32	180.00	180.40	181.17	0.048152	3.89	2.91	11.89	53.61	65.50
R.DeGravellu	ReachM1	2085.163	Tr=50 anni	8.30	177.67	177.99	179.12	0.122577	4.71	1.76	10.91	54.09	65.01
R.DeGravellu	ReachM1	2085.163	Tr=100 anni	9.20	177.67	178.01	179.18	0.120543	4.80	1.92	11.38	53.72	65.10
R.DeGravellu	ReachM1	2085.163	Tr=200 anni	10.10	177.67	178.02	179.24	0.118933	4.89	2.06	11.81	53.37	65.18
R.DeGravellu	ReachM1	2085.163	Tr=500 anni	11.32	177.67	178.04	179.31	0.117299	5.01	2.26	12.36	52.92	65.28
R.DeGravellu	ReachM1	2050.158	Tr=50 anni	8.30	168.94	169.27	172.18	0.349689	7.55	1.10	7.35	42.82	50.17
R.DeGravellu	ReachM1	2050.158	Tr=100 anni	9.20	168.94	169.28	172.31	0.348069	7.71	1.19	7.71	42.54	50.25
R.DeGravellu	ReachM1	2050.158	Tr=200 anni	10.10	168.94	169.30	172.43	0.345833	7.84	1.29	8.06	42.27	50.33
R.DeGravellu	ReachM1	2050.158	Tr=500 anni	11.32	168.94	169.31	172.58	0.342171	8.01	1.41	8.50	41.93	50.43
R.DeGravellu	ReachM1	2009.988	Tr=50 anni	8.30	163.12	163.39	164.63	0.105187	4.93	1.68	8.68	50.73	59.41
R.DeGravellu	ReachM1	2009.988	Tr=100 anni	9.20	163.12	163.40	164.73	0.105940	5.10	1.80	8.87	50.64	59.51
R.DeGravellu	ReachM1	2009.988	Tr=200 anni	10.10	163.12	163.42	164.83	0.106686	5.26	1.92	9.05	50.55	59.60
R.DeGravellu	ReachM1	2009.988	Tr=500 anni	11.32	163.12	163.43	164.96	0.107651	5.47	2.07	9.28	50.45	59.73
R.DeGravellu	ReachM1	1985.497	Tr=50 anni	8.30	159.42	159.73	161.33	0.174764	5.60	1.48	9.23	53.79	63.02
R.DeGravellu	ReachM1	1985.497	Tr=100 anni	9.20	159.42	159.74	161.43	0.173027	5.75	1.60	9.48	53.59	63.07
R.DeGravellu	ReachM1	1985.497	Tr=200 anni	10.10	159.42	159.75	161.53	0.171552	5.90	1.71	9.71	53.41	63.12
R.DeGravellu	ReachM1	1985.497	Tr=500 anni	11.32	159.42	159.77	161.65	0.169868	6.08	1.86	10.02	53.17	63.19
R.DeGravellu	ReachM1	1959.807	Tr=50 anni	8.30	155.06	155.41	157.32	0.137981	6.12	1.36	6.12	55.63	61.75
R.DeGravellu	ReachM1	1959.807	Tr=100 anni	9.20	155.06	155.43	157.46	0.136241	6.32	1.46	6.19	55.60	61.79
R.DeGravellu	ReachM1	1959.807	Tr=200 anni	10.10	155.06	155.44	157.60	0.134510	6.51	1.55	6.25	55.56	61.82
R.DeGravellu	ReachM1	1959.807	Tr=500 anni	11.32	155.06	155.46	157.77	0.132242	6.74	1.68	6.34	55.52	61.86
R.DeGravellu	ReachM1	1934.955	Tr=50 anni	8.30	151.02	151.38	153.69	0.150950	6.74	1.23	5.13	56.08	61.21
R.DeGravellu	ReachM1	1934.955	Tr=100 anni	9.20	151.02	151.40	153.86	0.150518	6.96	1.32	5.23	56.02	61.25
R.DeGravellu	ReachM1	1934.955	Tr=200 anni	10.10	151.02	151.41	154.03	0.150008	7.16	1.41	5.33	55.96	61.28
R.DeGravellu	ReachM1	1934.955	Tr=500 anni	11.32	151.02	151.43	154.24	0.149370	7.42	1.53	5.46	55.88	61.33
R.DeGravellu	ReachM1	1909.693	Tr=50 anni	8.30	147.95	148.28	149.86	0.135541	5.58	1.49	7.67	55.50	63.17
R.DeGravellu	ReachM1	1909.693	Tr=100 anni	9.20	147.95	148.29	150.01	0.137306	5.81	1.58	7.76	55.47	63.23
R.DeGravellu	ReachM1	1909.693	Tr=200 anni	10.10	147.95	148.30	150.15	0.138923	6.02	1.68	7.85	55.44	63.29
R.DeGravellu	ReachM1	1909.693	Tr=500 anni	11.32	147.95	148.32	150.33	0.141098	6.29	1.80	7.97	55.39	63.36
R.DeGravellu	ReachM1	1885.425	Tr=50 anni	8.30	145.66	145.88	146.85	0.101470	4.35	1.91	11.55	49.35	60.90
R.DeGravellu	ReachM1	1885.425	Tr=100 anni	9.20	145.66	145.89	146.94	0.102774	4.54	2.03	11.65	49.32	60.96
R.DeGravellu	ReachM1	1885.425	Tr=200 anni	10.10	145.66	145.90	147.03	0.104081	4.71	2.14	11.74	49.28	61.02
R.DeGravellu	ReachM1	1885.425	Tr=500 anni	11.32	145.66	145.91	147.15	0.105713	4.93	2.29	11.86	49.23	61.09
R.DeGravellu	ReachM1	1857.34	Tr=50 anni	8.30	141.77	142.09	143.62	0.126198	5.48	1.52	7.62	55.36	62.98
R.DeGravellu	ReachM1	1857.34	Tr=100 anni	9.20	141.77	142.11	143.72	0.123572	5.63	1.63	7.75	55.30	63.05
R.DeGravellu	ReachM1	1857.34	Tr=200 anni	10.10	141.77	142.12	143.82	0.121440	5.78	1.75	7.88	55.23	63.12
R.DeGravellu	ReachM1	1857.34	Tr=500 anni	11.32	141.77	142.14	143.95	0.119088	5.96	1.90	8.06	55.14	63.20
R.DeGravellu	ReachM1	1832.211	Tr=50 anni	8.30	137.75	138.08	139.77	0.188797	5.75	1.44	9.16	55.29	64.45
R.DeGravellu	ReachM1	1832.211	Tr=100 anni	9.20	137.75	138.09	139.88	0.192265	5.93	1.55	9.54	55.06	64.61
R.DeGravellu	ReachM1	1832.211	Tr=200 anni	10.10	137.75	138.10	140.00	0.194050	6.10	1.66	9.82	54.90	64.72
R.DeGravellu	ReachM1	1832.211	Tr=500 anni	11.32	137.75	138.12	140.16	0.193814	6.34	1.79	9.98	54.80	64.77
R.DeGravellu	ReachM1	1806.734	Tr=50 anni	8.30	133.15	133.53	135.73	0.131484	6.58	1.26	4.92	57.64	62.56
R.DeGravellu	ReachM1	1806.734	Tr=100 anni	9.20	133.15	133.55	135.86	0.128918	6.74	1.37	5.06	57.56	62.62
R.DeGravellu	ReachM1	1806.734	Tr=200 anni	10.10	133.15	133.57	135.99	0.127287	6.89	1.47	5.19	57.49	62.68
R.DeGravellu	ReachM1	1806.734	Tr=500 anni	11.32	133.15	133.59	136.17	0.126585	7.11	1.59	5.36	57.40	62.75
R.DeGravellu	ReachM1	1782.048	Tr=50 anni	8.30	128.24	128.65	131.70	0.198414	7.74	1.07	4.40	56.82	61.23
R.DeGravellu	ReachM1	1782.048	Tr=100 anni	9.20	128.24	128.67	131.88	0.197180	7.94	1.16	4.56	56.79	61.35
R.DeGravellu	ReachM1	1782.048	Tr=200 anni	10.10	128.24	128.69	132.05	0.194311	8.13	1.24	4.66	56.76	61.42
R.DeGravellu	ReachM1	1782.048	Tr=500 anni	11.32	128.24	128.71	132.27	0.190589	8.36	1.35	4.79	56.72	61.51
R.DeGravellu	ReachM1	1756.995	Tr=50 anni	8.30	123.96	124.43	127.50	0.143470	7.76	1.07	3.34	59.27	62.60
R.DeGravellu	ReachM1	1756.995	Tr=100 anni	9.20	123.96	124.46	127.70	0.142592	7.98	1.15	3.43	59.22	62.65
R.DeGravellu	ReachM1	1756.995	Tr=200 anni	10.10	123.96	124.48	127.90	0.142577	8.20	1.23	3.51	59.18	62.69
R.DeGravellu	ReachM1	1756.995	Tr=500 anni	11.32	123.96	124.51	128.16	0.142424	8.47	1.34	3.62	59.12	62.75
R.DeGravellu	ReachM1	1731.717	Tr=50 anni	8.30	120.19	120.59	123.53	0.168874	7.60	1.09	4.08	55.40	59.48
R.DeGravellu	ReachM1	1731.717	Tr=100 anni	9.20	120.19	120.61	123.73	0.170286	7.82	1.18	4.23	55.36	59.59
R.DeGravellu	ReachM1	1731.717	Tr=200 anni	10.10	120.19	120.63	123.92	0.171401	8.03	1.26	4.37	55.32	59.69

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.DeGravellu	ReachM1	1731.717	Tr=500 anni	11.32	120.19	120.66	124.16	0.172798	8.29	1.37	4.55	55.27	59.82
R.DeGravellu	ReachM1	1692.25	Tr=50 anni	8.30	114.85	115.15	116.88	0.150653	5.82	1.43	7.50	33.16	40.65
R.DeGravellu	ReachM1	1692.25	Tr=100 anni	9.20	114.85	115.17	117.01	0.151645	6.02	1.53	7.68	33.03	40.71
R.DeGravellu	ReachM1	1692.25	Tr=200 anni	10.10	114.85	115.18	117.13	0.152990	6.18	1.63	7.92	32.84	40.76
R.DeGravellu	ReachM1	1692.25	Tr=500 anni	11.32	114.85	115.20	117.30	0.154277	6.42	1.76	8.13	32.70	40.82
R.DeGravellu	ReachM1	1649.933	Tr=50 anni	10.34	109.92	110.39	112.15	0.090306	5.88	1.76	6.10	69.35	75.45
R.DeGravellu	ReachM1	1649.933	Tr=100 anni	11.46	109.92	110.41	112.29	0.089855	6.07	1.89	6.22	69.32	75.53
R.DeGravellu	ReachM1	1649.933	Tr=200 anni	12.59	109.92	110.43	112.41	0.089088	6.24	2.02	6.33	69.28	75.61
R.DeGravellu	ReachM1	1649.933	Tr=500 anni	14.11	109.92	110.46	112.58	0.088655	6.46	2.18	6.47	69.24	75.70
R.DeGravellu	ReachM1	1618.131	Tr=50 anni	10.34	104.44	104.89	108.16	0.169308	8.02	1.29	4.47	70.74	75.21
R.DeGravellu	ReachM1	1618.131	Tr=100 anni	11.46	104.44	104.91	108.34	0.166408	8.20	1.40	4.63	70.68	75.31
R.DeGravellu	ReachM1	1618.131	Tr=200 anni	12.59	104.44	104.94	108.50	0.164013	8.37	1.50	4.78	70.62	75.40
R.DeGravellu	ReachM1	1618.131	Tr=500 anni	14.11	104.44	104.96	108.71	0.160889	8.57	1.65	4.96	70.56	75.52
R.DeGravellu	ReachM1	1587.255	Tr=50 anni	10.34	100.81	101.24	102.77	0.147361	5.48	1.89	10.63	33.43	44.06
R.DeGravellu	ReachM1	1587.255	Tr=100 anni	11.46	100.81	101.25	102.91	0.151190	5.71	2.01	10.80	33.41	44.21
R.DeGravellu	ReachM1	1587.255	Tr=200 anni	12.59	100.81	101.26	103.06	0.154514	5.94	2.12	10.97	33.39	44.36
R.DeGravellu	ReachM1	1587.255	Tr=500 anni	14.11	100.81	101.27	103.25	0.158529	6.22	2.27	11.13	33.37	44.50
R.DeGravellu	ReachM1	1547.569	Tr=50 anni	10.34	93.63	94.11	96.92	0.140952	7.42	1.39	4.74	60.63	65.37
R.DeGravellu	ReachM1	1547.569	Tr=100 anni	11.46	93.63	94.14	97.06	0.138067	7.57	1.51	4.93	60.55	65.48
R.DeGravellu	ReachM1	1547.569	Tr=200 anni	12.59	93.63	94.16	97.19	0.135802	7.71	1.63	5.11	60.48	65.59
R.DeGravellu	ReachM1	1547.569	Tr=500 anni	14.11	93.63	94.19	97.36	0.133548	7.89	1.79	5.33	60.38	65.72
R.DeGravellu	ReachM1	1522.516	Tr=50 anni	10.34	90.97	91.52	93.79	0.101200	6.67	1.55	4.79	60.20	64.98
R.DeGravellu	ReachM1	1522.516	Tr=100 anni	11.46	90.97	91.54	93.96	0.101657	6.88	1.67	4.93	60.15	65.07
R.DeGravellu	ReachM1	1522.516	Tr=200 anni	12.59	90.97	91.57	94.11	0.101959	7.07	1.78	5.06	60.10	65.16
R.DeGravellu	ReachM1	1522.516	Tr=500 anni	14.11	90.97	91.60	94.31	0.102402	7.30	1.93	5.26	60.04	65.30
R.DeGravellu	ReachM1	1496.156	Tr=50 anni	10.34	88.44	88.90	90.93	0.110932	6.30	1.64	6.02	44.16	50.17
R.DeGravellu	ReachM1	1496.156	Tr=100 anni	11.46	88.44	88.92	91.08	0.111265	6.51	1.76	6.17	44.08	50.25
R.DeGravellu	ReachM1	1496.156	Tr=200 anni	12.59	88.44	88.94	91.23	0.111606	6.70	1.88	6.32	44.00	50.32
R.DeGravellu	ReachM1	1496.156	Tr=500 anni	14.11	88.44	88.96	91.41	0.111651	6.93	2.04	6.50	43.90	50.41
R.DeGravellu	ReachM1	1471.908	Tr=50 anni	10.34	85.39	85.78	87.35	0.187981	5.54	1.87	12.46	54.96	67.42
R.DeGravellu	ReachM1	1471.908	Tr=100 anni	11.46	85.39	85.79	87.47	0.190045	5.74	1.99	12.74	54.86	67.60
R.DeGravellu	ReachM1	1471.908	Tr=200 anni	12.59	85.39	85.80	87.59	0.191856	5.93	2.12	13.00	54.76	67.77
R.DeGravellu	ReachM1	1471.908	Tr=500 anni	14.11	85.39	85.81	87.76	0.193923	6.18	2.28	13.24	54.65	67.89
R.DeGravellu	ReachM1	1445.349	Tr=50 anni	10.34	82.71	83.09	84.10	0.078665	4.45	2.33	11.23	53.52	64.75
R.DeGravellu	ReachM1	1445.349	Tr=100 anni	11.46	82.71	83.10	84.19	0.079103	4.61	2.48	11.40	53.44	64.84
R.DeGravellu	ReachM1	1445.349	Tr=200 anni	12.59	82.71	83.12	84.28	0.079553	4.77	2.64	11.56	53.37	64.93
R.DeGravellu	ReachM1	1445.349	Tr=500 anni	14.11	82.71	83.14	84.40	0.080305	4.97	2.84	11.75	53.28	65.04
R.DeGravellu	ReachM1	1418.637	Tr=50 anni	10.34	79.94	80.49	81.60	0.112387	4.66	2.22	12.95	56.25	73.12
R.DeGravellu	ReachM1	1418.637	Tr=100 anni	11.46	79.94	80.51	81.66	0.114303	4.77	2.40	13.74	56.16	73.40
R.DeGravellu	ReachM1	1418.637	Tr=200 anni	12.59	79.94	80.52	81.74	0.115286	4.89	2.57	14.25	56.08	73.67
R.DeGravellu	ReachM1	1418.637	Tr=500 anni	14.11	79.94	80.53	81.83	0.116342	5.05	2.79	14.84	55.99	73.98
R.DeGravellu	ReachM1	1392.292	Tr=50 anni	10.34	78.26	78.50	78.95	0.078180	2.99	3.46	30.26	45.97	79.34
R.DeGravellu	ReachM1	1392.292	Tr=100 anni	11.46	78.26	78.51	78.99	0.078492	3.06	3.74	31.63	45.93	81.51
R.DeGravellu	ReachM1	1392.292	Tr=200 anni	12.59	78.26	78.52	79.02	0.079762	3.14	4.01	33.03	45.91	81.60
R.DeGravellu	ReachM1	1392.292	Tr=500 anni	14.11	78.26	78.53	79.06	0.081322	3.24	4.36	34.82	45.88	81.72
R.DeGravellu	ReachM1	1367.081	Tr=50 anni	10.34	74.65	74.95	76.21	0.151314	4.96	2.09	13.93	59.64	86.24
R.DeGravellu	ReachM1	1367.081	Tr=100 anni	11.46	74.65	74.97	76.24	0.150132	5.00	2.29	15.05	59.35	86.29
R.DeGravellu	ReachM1	1367.081	Tr=200 anni	12.59	74.65	74.98	76.27	0.146987	5.04	2.50	15.97	59.16	86.35
R.DeGravellu	ReachM1	1367.081	Tr=500 anni	14.11	74.65	75.00	76.31	0.143861	5.08	2.78	17.24	58.86	107.48
R.DeGravellu	ReachM1	1332.278	Tr=50 anni	10.34	70.83	71.50	72.60	0.073653	4.65	2.22	9.42	64.66	74.07
R.DeGravellu	ReachM1	1332.278	Tr=100 anni	11.46	70.83	71.52	72.68	0.072943	4.78	2.40	9.67	64.57	74.24
R.DeGravellu	ReachM1	1332.278	Tr=200 anni	12.59	70.83	71.54	72.77	0.072718	4.92	2.56	9.88	64.50	74.38
R.DeGravellu	ReachM1	1332.278	Tr=500 anni	14.11	70.83	71.56	72.87	0.072160	5.07	2.78	10.18	64.40	74.57
R.DeGravellu	ReachM1	1291.995	Tr=50 anni	10.34	66.73	67.36	68.96	0.110228	5.60	1.85	8.00	32.95	40.95
R.DeGravellu	ReachM1	1291.995	Tr=100 anni	11.46	66.73	67.38	69.06	0.110158	5.74	2.00	8.34	32.73	41.07
R.DeGravellu	ReachM1	1291.995	Tr=200 anni	12.59	66.73	67.40	69.15	0.110084	5.87	2.14	8.67	32.52	41.18
R.DeGravellu	ReachM1	1291.995	Tr=500 anni	14.11	66.73	67.42	69.27	0.109835	6.03	2.34	9.09	32.24	41.33
R.DeGravellu	ReachM1	1267.09	Tr=50 anni	10.34	65.21	65.52	66.20	0.090568	3.67	2.82	20.26	36.64	56.90
R.DeGravellu	ReachM1	1267.09	Tr=100 anni	11.46	65.21	65.53	66.27	0.092043	3.83	2.99	20.41	36.61	57.02
R.DeGravellu	ReachM1	1267.09	Tr=200 anni	12.59	65.21	65.54	66.34	0.093666	3.98	3.16	20.61	36.58	57.19
R.DeGravellu	ReachM1	1267.09	Tr=500 anni	14.11	65.21	65.55	66.43	0.095558	4.17	3.39	20.91	36.55	57.45
R.DeGravellu	ReachM1	1231.754	Tr=50 anni	10.34	62.71	62.98	63.58	0.060720	3.43	3.02	17.78	105.79	123.57
R.DeGravellu	ReachM1	1231.754	Tr=100 anni	11.46	62.71	63.00	63.64	0.060271	3.55	3.23	18.01	105.66	123.67
R.DeGravellu	ReachM1	1231.754	Tr=200 anni	12.59	62.71	63.01	63.69	0.059878	3.66	3.44	18.23	105.53	123.77
R.DeGravellu	ReachM1	1231.754	Tr=500 anni	14.11	62.71	63.02	63.75	0.059652	3.78	3.73	18.70	105.20	123.90
R.DeGravellu	ReachM1	1216.799	Tr=50 anni	11.10	61.60	61.87	62.42	0.098851	3.28	3.38	30.62	47.77	78.94
R.DeGravellu	ReachM1	1216.799	Tr=100 anni	12.30	61.60	61.88	62.47	0.099996	3.41	3.61	31.14	47.66	79.01
R.DeGravellu	ReachM1	1216.799	Tr=200 anni	13.51	61.60	61.88	62.52	0.101187	3.54	3.82	31.57	47.55	79.11
R.DeGravellu	ReachM1	1216.799	Tr=500 anni	15.15	61.60	61.89	62.59	0.101963	3.69	4.10	31.93	47.41	79.33
R.DeGravellu	ReachM1	1191.162	Tr=50 anni	11.10	59.62	59.96	60.45	0.060620	3.10	3.58	24.50	52.38	76.87
R.DeGravellu	ReachM1	1191.162	Tr=100 anni	12.30	59.62	59.97	60.49	0.060071	3.21	3.83	24.62	52.33	76.95
R.DeGravellu	ReachM1	1191.162	Tr=200 anni	13.51	59.62	59.98	60.54	0.059787	3.33	4.06	24.76	52.28	77.04
R.DeGravellu	ReachM1	1191.162	Tr=500 anni	15.15	59.62	59.99	60.60	0.059462	3.47	4.37	24.94	52.22	77.17

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.DeGravellu	ReachM1	1164.987	Tr=50 anni	11.10	57.68	58.15	58.71	0.071899	3.34	3.33	23.14	44.30	67.44
R.DeGravellu	ReachM1	1164.987	Tr=100 anni	12.30	57.68	58.16	58.77	0.071983	3.46	3.55	23.39	44.14	67.52
R.DeGravellu	ReachM1	1164.987	Tr=200 anni	13.51	57.68	58.17	58.81	0.073065	3.54	3.81	24.53	43.95	68.48
R.DeGravellu	ReachM1	1164.987	Tr=500 anni	15.15	57.68	58.18	58.86	0.073622	3.66	4.14	25.48	43.74	69.21
R.DeGravellu	ReachM1	1145.609	Tr=50 anni	11.10	56.16	56.66	57.40	0.062501	3.81	2.92	14.97	26.36	41.33
R.DeGravellu	ReachM1	1145.609	Tr=100 anni	12.30	56.16	56.68	57.46	0.061638	3.92	3.14	15.25	26.13	41.38
R.DeGravellu	ReachM1	1145.609	Tr=200 anni	13.51	56.16	56.69	57.51	0.060067	4.01	3.37	15.55	25.88	41.44
R.DeGravellu	ReachM1	1145.609	Tr=500 anni	15.15	56.16	56.71	57.58	0.058660	4.12	3.68	15.97	25.53	41.50
R.DeGravellu	ReachM1	1113.432	Tr=50 anni	11.10	53.33	53.89	54.85	0.101365	4.35	2.55	15.34	52.72	68.22
R.DeGravellu	ReachM1	1113.432	Tr=100 anni	12.30	53.33	53.90	54.93	0.101943	4.49	2.74	15.81	52.62	68.43
R.DeGravellu	ReachM1	1113.432	Tr=200 anni	13.51	53.33	53.91	55.00	0.102365	4.63	2.92	16.11	52.53	68.65
R.DeGravellu	ReachM1	1113.432	Tr=500 anni	15.15	53.33	53.93	55.10	0.102938	4.79	3.16	16.68	52.44	69.12
R.DeGravellu	ReachM1	1088.005	Tr=50 anni	11.10	51.49	52.14	52.92	0.056159	3.92	2.83	12.77	54.38	67.15
R.DeGravellu	ReachM1	1088.005	Tr=100 anni	12.30	51.49	52.16	52.98	0.056321	4.03	3.05	13.25	54.32	67.58
R.DeGravellu	ReachM1	1088.005	Tr=200 anni	13.51	51.49	52.17	53.04	0.056654	4.13	3.27	13.71	54.27	67.98
R.DeGravellu	ReachM1	1088.005	Tr=500 anni	15.15	51.49	52.19	53.11	0.057118	4.25	3.57	14.46	54.20	68.66
R.DeGravellu	ReachM1	1030.798	Tr=50 anni	11.10	48.04	48.60	49.21	0.073511	3.47	3.20	21.31	57.88	95.40
R.DeGravellu	ReachM1	1030.798	Tr=100 anni	12.30	48.04	48.62	49.24	0.074413	3.49	3.53	23.50	57.58	95.45
R.DeGravellu	ReachM1	1030.798	Tr=200 anni	13.51	48.04	48.63	49.26	0.075007	3.52	3.84	25.36	57.35	95.49
R.DeGravellu	ReachM1	1030.798	Tr=500 anni	15.15	48.04	48.64	49.30	0.075315	3.59	4.22	27.20	57.16	95.53
R.DeGravellu	ReachM1	985.9792	Tr=50 anni	11.10	45.74	46.02	46.38	0.052348	2.65	4.19	32.57	52.73	86.54
R.DeGravellu	ReachM1	985.9792	Tr=100 anni	12.30	45.74	46.03	46.40	0.051828	2.68	4.58	34.61	51.29	86.78
R.DeGravellu	ReachM1	985.9792	Tr=200 anni	13.51	45.74	46.04	46.43	0.051384	2.76	4.89	35.23	51.15	86.97
R.DeGravellu	ReachM1	985.9792	Tr=500 anni	15.15	45.74	46.05	46.47	0.051251	2.86	5.29	35.97	50.97	87.19
R.DeGravellu	ReachM1	943.9583	Tr=50 anni	11.10	43.14	43.85	44.36	0.043669	3.16	3.51	18.13	29.79	48.98
R.DeGravellu	ReachM1	943.9583	Tr=100 anni	12.30	43.14	43.87	44.40	0.043215	3.23	3.80	18.84	29.72	49.20
R.DeGravellu	ReachM1	943.9583	Tr=200 anni	13.51	43.14	43.88	44.44	0.043117	3.31	4.08	19.48	29.66	49.40
R.DeGravellu	ReachM1	943.9583	Tr=500 anni	15.15	43.14	43.90	44.49	0.042659	3.41	4.44	20.07	29.58	49.65
R.DeGravellu	ReachM1	908.3911	Tr=50 anni	11.10	40.35	41.02	42.47	0.059342	5.32	2.09	6.06	58.81	64.87
R.DeGravellu	ReachM1	908.3911	Tr=100 anni	12.30	40.35	41.05	42.55	0.056800	5.42	2.27	6.20	58.72	64.92
R.DeGravellu	ReachM1	908.3911	Tr=200 anni	13.51	40.35	41.08	42.62	0.054331	5.50	2.46	6.34	58.63	64.96
R.DeGravellu	ReachM1	908.3911	Tr=500 anni	15.15	40.35	41.12	42.72	0.051741	5.61	2.70	6.51	58.51	65.02
R.DeGravellu	ReachM1	882.5571	Tr=50 anni	11.10	38.65	39.39	41.02	0.051532	5.65	1.96	4.57	59.81	64.38
R.DeGravellu	ReachM1	882.5571	Tr=100 anni	12.30	38.65	39.43	41.13	0.051280	5.79	2.12	4.74	59.70	64.44
R.DeGravellu	ReachM1	882.5571	Tr=200 anni	13.51	38.65	39.46	41.24	0.050956	5.92	2.28	4.91	59.60	64.50
R.DeGravellu	ReachM1	882.5571	Tr=500 anni	15.15	38.65	39.50	41.38	0.050409	6.07	2.50	5.13	59.46	64.59
R.DeGravellu	ReachM1	856.4845	Tr=50 anni	11.10	36.80	37.65	39.55	0.059523	6.10	1.82	4.10	61.85	65.95
R.DeGravellu	ReachM1	856.4845	Tr=100 anni	12.30	36.80	37.69	39.67	0.059061	6.24	1.97	4.27	61.76	66.02
R.DeGravellu	ReachM1	856.4845	Tr=200 anni	13.51	36.80	37.72	39.79	0.058672	6.37	2.12	4.43	61.66	66.09
R.DeGravellu	ReachM1	856.4845	Tr=500 anni	15.15	36.80	37.77	39.94	0.057977	6.53	2.32	4.62	61.55	66.17
R.DeGravellu	ReachM1	833.5837	Tr=50 anni	11.53	35.45	36.19	38.10	0.067366	6.11	1.89	4.83	32.82	37.64
R.DeGravellu	ReachM1	833.5837	Tr=100 anni	12.78	35.45	36.22	38.23	0.067087	6.27	2.04	5.01	32.71	37.72
R.DeGravellu	ReachM1	833.5837	Tr=200 anni	14.04	35.45	36.25	38.35	0.066945	6.42	2.19	5.18	32.62	37.80
R.DeGravellu	ReachM1	833.5837	Tr=500 anni	15.73	35.45	36.29	38.51	0.066714	6.60	2.38	5.39	32.50	37.89
R.DeGravellu	ReachM1	801.7017	Tr=50 anni	11.53	33.71	34.43	36.10	0.054495	5.73	2.01	4.82	55.52	60.34
R.DeGravellu	ReachM1	801.7017	Tr=100 anni	12.78	33.71	34.46	36.23	0.054657	5.89	2.17	4.99	55.43	60.42
R.DeGravellu	ReachM1	801.7017	Tr=200 anni	14.04	33.71	34.49	36.35	0.054883	6.05	2.32	5.16	55.34	60.50
R.DeGravellu	ReachM1	801.7017	Tr=500 anni	15.73	33.71	34.53	36.51	0.055231	6.24	2.52	5.37	55.23	60.60
R.DeGravellu	ReachM1	776.9157	Tr=50 anni	11.53	32.58	33.25	34.71	0.052452	5.36	2.15	5.66	56.99	62.65
R.DeGravellu	ReachM1	776.9157	Tr=100 anni	12.78	32.58	33.28	34.83	0.052846	5.52	2.31	5.85	56.89	62.74
R.DeGravellu	ReachM1	776.9157	Tr=200 anni	14.04	32.58	33.31	34.95	0.053207	5.67	2.47	6.03	56.79	62.82
R.DeGravellu	ReachM1	776.9157	Tr=500 anni	15.73	32.58	33.34	35.09	0.053655	5.87	2.68	6.25	56.67	62.92
R.DeGravellu	ReachM1	751.8358	Tr=50 anni	11.53	31.78	32.33	33.31	0.048092	4.38	2.63	8.93	53.63	64.96
R.DeGravellu	ReachM1	751.8358	Tr=100 anni	12.78	31.78	32.35	33.39	0.050115	4.51	2.84	9.52	53.55	65.10
R.DeGravellu	ReachM1	751.8358	Tr=200 anni	14.04	31.78	32.37	33.47	0.051630	4.64	3.02	9.91	53.47	65.23
R.DeGravellu	ReachM1	751.8358	Tr=500 anni	15.73	31.78	32.39	33.57	0.053526	4.81	3.27	10.44	53.38	65.38
R.DeGravellu	ReachM1	726.7019	Tr=50 anni	11.53	31.96	32.31	32.48	0.013666	1.85	6.23	30.32	44.42	74.73
R.DeGravellu	ReachM1	726.7019	Tr=100 anni	12.78	31.96	32.32	32.51	0.014696	1.96	6.52	30.74	44.11	74.85
R.DeGravellu	ReachM1	726.7019	Tr=200 anni	14.04	31.96	32.32	32.54	0.015894	2.07	6.77	31.11	43.83	74.94
R.DeGravellu	ReachM1	726.7019	Tr=500 anni	15.73	31.96	32.34	32.59	0.017407	2.22	7.10	31.58	43.46	75.04
R.DeGravellu	ReachM1	702.241	Tr=50 anni	11.53	29.09	29.71	31.65	0.072751	6.18	1.87	5.01	59.83	64.85
R.DeGravellu	ReachM1	702.241	Tr=100 anni	12.78	29.09	29.75	31.67	0.066439	6.15	2.08	5.26	59.75	65.01
R.DeGravellu	ReachM1	702.241	Tr=200 anni	14.04	29.09	29.79	31.69	0.061127	6.11	2.30	5.50	59.67	65.17
R.DeGravellu	ReachM1	702.241	Tr=500 anni	15.73	29.09	29.84	31.72	0.055807	6.08	2.59	5.84	59.54	65.38
R.DeGravellu	ReachM1	676.2779	Tr=50 anni	11.53	27.58	28.19	29.70	0.067766	5.45	2.11	6.62	60.05	66.67
R.DeGravellu	ReachM1	676.2779	Tr=100 anni	12.78	27.58	28.21	29.81	0.069621	5.60	2.28	7.00	59.80	66.81
R.DeGravellu	ReachM1	676.2779	Tr=200 anni	14.04	27.58	28.23	29.92	0.071214	5.75	2.44	7.36	59.58	66.94
R.DeGravellu	ReachM1	676.2779	Tr=500 anni	15.73	27.58	28.26	30.04	0.072811	5.91	2.66	7.80	59.30	67.10
R.DeGravellu	ReachM1	650.7399	Tr=50 anni	11.53	26.85	27.46	28.10	0.041876	3.52	3.27	13.93	55.61	69.55
R.DeGravellu	ReachM1	650.7399	Tr=100 anni	12.78	26.85	27.48	28.17	0.042568	3.67	3.48	14.10	55.53	69.63
R.DeGravellu	ReachM1	650.7399	Tr=200 anni	14.04	26.85	27.49	28.24	0.043443	3.82	3.68	14.25	55.45	69.70
R.DeGravellu	ReachM1	650.7399	Tr=500 anni	15.73	26.85	27.51	28.32	0.044386	4.00	3.94	14.48	55.34	69.82

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.DeGravellu	ReachM1	613.6099	Tr=50 anni	11.53	25.65	26.08	26.54	0.039000	3.03	3.81	19.37	56.52	75.89
R.DeGravellu	ReachM1	613.6099	Tr=100 anni	12.78	25.65	26.09	26.59	0.039160	3.14	4.07	19.69	56.44	76.12
R.DeGravellu	ReachM1	613.6099	Tr=200 anni	14.04	25.65	26.10	26.64	0.039182	3.25	4.32	19.91	56.37	76.28
R.DeGravellu	ReachM1	613.6099	Tr=500 anni	15.73	25.65	26.12	26.70	0.039418	3.39	4.65	20.18	56.29	76.47
R.DeGravellu	ReachM1	554.2914	Tr=50 anni	11.53	23.07	23.43	24.00	0.046841	3.35	3.45	17.33	95.84	113.17
R.DeGravellu	ReachM1	554.2914	Tr=100 anni	12.78	23.07	23.45	24.05	0.046538	3.46	3.70	17.63	95.73	113.37
R.DeGravellu	ReachM1	554.2914	Tr=200 anni	14.04	23.07	23.46	24.11	0.046355	3.56	3.94	17.92	95.63	113.56
R.DeGravellu	ReachM1	554.2914	Tr=500 anni	15.73	23.07	23.48	24.17	0.046002	3.69	4.27	18.29	95.51	113.80
R.DeGravellu	ReachM2	515.5103	Tr=50 anni	17.30	21.29	21.82	22.43	0.036995	3.45	5.02	20.02	21.19	53.64
R.DeGravellu	ReachM2	515.5103	Tr=100 anni	19.17	21.29	21.84	22.48	0.037066	3.55	5.40	20.62	21.17	53.71
R.DeGravellu	ReachM2	515.5103	Tr=200 anni	21.06	21.29	21.86	22.54	0.037012	3.65	5.77	21.15	21.15	53.78
R.DeGravellu	ReachM2	515.5103	Tr=500 anni	23.60	21.29	21.88	22.60	0.037045	3.76	6.27	21.96	21.12	53.84
R.DeGravellu	ReachM2	500.0367	Tr=50 anni	17.30	21.06	21.62	21.93	0.019769	2.50	6.92	28.16	29.97	58.49
R.DeGravellu	ReachM2	500.0367	Tr=100 anni	19.17	21.06	21.63	21.98	0.020416	2.61	7.34	28.61	29.95	58.55
R.DeGravellu	ReachM2	500.0367	Tr=200 anni	21.06	21.06	21.64	22.03	0.021281	2.74	7.68	28.67	29.93	58.61
R.DeGravellu	ReachM2	500.0367	Tr=500 anni	23.60	21.06	21.66	22.08	0.021548	2.88	8.20	28.78	29.91	58.69
R.DeGravellu	ReachM2	474.873	Tr=50 anni	17.30	20.30	20.77	21.28	0.032794	3.17	5.46	22.69	28.72	62.24
R.DeGravellu	ReachM2	474.873	Tr=100 anni	19.17	20.30	20.79	21.33	0.031640	3.24	5.92	23.14	28.54	62.34
R.DeGravellu	ReachM2	474.873	Tr=200 anni	21.06	20.30	20.81	21.37	0.030842	3.31	6.37	23.72	28.23	62.44
R.DeGravellu	ReachM2	474.873	Tr=500 anni	23.60	20.30	20.84	21.42	0.030785	3.39	6.96	24.89	23.89	62.56
R.DeGravellu	ReachM2	449.6961	Tr=50 anni	17.30	19.75	20.19	20.54	0.023671	2.63	6.59	28.39	24.56	62.98
R.DeGravellu	ReachM2	449.6961	Tr=100 anni	19.17	19.75	20.20	20.58	0.024472	2.74	7.00	29.08	24.04	63.05
R.DeGravellu	ReachM2	449.6961	Tr=200 anni	21.06	19.75	20.22	20.63	0.025055	2.84	7.42	29.76	23.53	63.12
R.DeGravellu	ReachM2	449.6961	Tr=500 anni	23.60	19.75	20.24	20.68	0.025206	2.95	7.99	30.28	23.22	63.22
R.DeGravellu	ReachM2	424.8797	Tr=50 anni	17.30	19.20	19.59	19.93	0.024976	2.58	6.69	30.89	18.39	49.28
R.DeGravellu	ReachM2	424.8797	Tr=100 anni	19.17	19.20	19.61	19.97	0.024475	2.67	7.18	31.06	18.26	49.31
R.DeGravellu	ReachM2	424.8797	Tr=200 anni	21.06	19.20	19.62	20.01	0.024129	2.76	7.64	31.21	18.13	49.34
R.DeGravellu	ReachM2	424.8797	Tr=500 anni	23.60	19.20	19.64	20.06	0.024083	2.87	8.21	31.46	17.92	49.37
R.DeGravellu	ReachM2	268.3566	Tr=50 anni	20.01	17.09	17.63	17.83	0.008620	1.96	10.19	32.00	47.01	136.56
R.DeGravellu	ReachM2	268.3566	Tr=100 anni	22.17	17.09	17.65	17.86	0.008711	2.04	10.87	32.46	46.88	136.72
R.DeGravellu	ReachM2	268.3566	Tr=200 anni	24.36	17.09	17.67	17.90	0.008783	2.11	11.54	32.94	46.75	136.87
R.DeGravellu	ReachM2	268.3566	Tr=500 anni	27.30	17.09	17.70	17.94	0.008800	2.19	12.49	33.84	46.57	137.00
R.DeGravellu	ReachM2	87.5979	Tr=50 anni	20.01	15.44	16.20	16.26	0.001302	1.04	19.17	37.47	37.68	113.10
R.DeGravellu	ReachM2	87.5979	Tr=100 anni	22.17	15.44	16.23	16.29	0.001382	1.09	20.39	39.18	37.61	115.76
R.DeGravellu	ReachM2	87.5979	Tr=200 anni	24.36	15.44	16.26	16.33	0.001477	1.12	21.66	41.57	37.53	115.79
R.DeGravellu	ReachM2	87.5979	Tr=500 anni	27.30	15.44	16.30	16.37	0.001521	1.18	23.06	41.84	37.46	115.82
R.DeGravellu	ReachM2	12.08698	Tr=50 anni	20.01	15.37	17.34	17.35	0.000013	0.19	106.35	86.74	25.79	178.74
R.DeGravellu	ReachM2	12.08698	Tr=100 anni	22.17	15.37	17.45	17.45	0.000015	0.19	115.59	99.65	25.44	179.35
R.DeGravellu	ReachM2	12.08698	Tr=200 anni	24.36	15.37	17.54	17.54	0.000016	0.19	126.04	114.15	25.11	179.97
R.DeGravellu	ReachM2	12.08698	Tr=500 anni	27.30	15.37	17.67	17.67	0.000017	0.19	141.71	134.30	24.69	188.42
R.Baccariu	ReachM2	1642.575	Tr=50 anni	1.88	224.73	225.07	225.16	0.008930	1.33	1.42	8.19	20.71	28.91
R.Baccariu	ReachM2	1642.575	Tr=100 anni	2.09	224.73	225.08	225.18	0.008656	1.36	1.53	8.31	20.67	28.98
R.Baccariu	ReachM2	1642.575	Tr=200 anni	2.29	224.73	225.09	225.19	0.008597	1.40	1.63	8.41	20.63	29.03
R.Baccariu	ReachM2	1642.575	Tr=500 anni	2.57	224.73	225.11	225.22	0.008394	1.45	1.77	8.55	20.57	29.11
R.Baccariu	ReachM2	1628.948	Tr=50 anni	1.88	217.68	217.75	224.09	3.635683	11.15	0.17	3.64	59.24	62.88
R.Baccariu	ReachM2	1628.948	Tr=100 anni	2.09	217.68	217.76	224.12	3.327384	11.18	0.19	3.76	59.13	62.90
R.Baccariu	ReachM2	1628.948	Tr=200 anni	2.29	217.68	217.76	224.14	3.079655	11.19	0.20	3.88	59.03	62.91
R.Baccariu	ReachM2	1628.948	Tr=500 anni	2.57	217.68	217.77	224.18	2.802738	11.22	0.23	4.03	58.89	62.92
R.Baccariu	ReachM2	1604.33	Tr=50 anni	1.88	205.13	205.32	206.62	0.260379	5.05	0.37	3.64	59.21	62.85
R.Baccariu	ReachM2	1604.33	Tr=100 anni	2.09	205.13	205.33	206.65	0.245233	5.09	0.41	3.80	59.10	62.90
R.Baccariu	ReachM2	1604.33	Tr=200 anni	2.29	205.13	205.33	206.82	0.270500	5.40	0.42	3.86	59.07	62.92
R.Baccariu	ReachM2	1604.33	Tr=500 anni	2.57	205.13	205.34	206.95	0.276891	5.62	0.46	3.99	58.98	62.97
R.Baccariu	ReachM2	1578.72	Tr=50 anni	1.88	194.74	194.90	197.38	0.516378	6.98	0.27	2.70	58.41	61.12
R.Baccariu	ReachM2	1578.72	Tr=100 anni	2.09	194.74	194.91	197.61	0.529871	7.29	0.29	2.75	58.39	61.14
R.Baccariu	ReachM2	1578.72	Tr=200 anni	2.29	194.74	194.92	197.62	0.484309	7.29	0.31	2.81	58.36	61.17
R.Baccariu	ReachM2	1578.72	Tr=500 anni	2.57	194.74	194.93	197.78	0.466859	7.48	0.34	2.87	58.33	61.21
R.Baccariu	ReachM2	1552.621	Tr=50 anni	1.88	187.07	187.25	188.66	0.219600	5.27	0.36	2.86	59.86	62.72
R.Baccariu	ReachM2	1552.621	Tr=100 anni	2.09	187.07	187.26	188.76	0.219904	5.43	0.38	2.95	59.83	62.78
R.Baccariu	ReachM2	1552.621	Tr=200 anni	2.29	187.07	187.26	188.90	0.229332	5.67	0.40	3.00	59.81	62.80
R.Baccariu	ReachM2	1552.621	Tr=500 anni	2.57	187.07	187.27	189.07	0.234851	5.93	0.43	3.05	59.78	62.83
R.Baccariu	ReachM2	1545.478	Tr=50 anni	1.88	185.12	185.36	187.01	0.237808	5.69	0.33	2.49	31.16	33.65
R.Baccariu	ReachM2	1545.478	Tr=100 anni	2.09	185.12	185.37	187.11	0.235706	5.85	0.36	2.57	31.11	33.68
R.Baccariu	ReachM2	1545.478	Tr=200 anni	2.29	185.12	185.38	187.22	0.236385	6.01	0.38	2.63	31.07	33.70
R.Baccariu	ReachM2	1545.478	Tr=500 anni	2.57	185.12	185.39	187.36	0.237326	6.22	0.41	2.72	31.02	33.74
R.Baccariu	ReachM2	1525.045	Tr=50 anni	1.88	180.49	180.65	181.60	0.272779	4.33	0.43	5.55	56.07	61.63
R.Baccariu	ReachM2	1525.045	Tr=100 anni	2.09	180.49	180.65	181.69	0.276624	4.52	0.46	5.60	56.04	61.65
R.Baccariu	ReachM2	1525.045	Tr=200 anni	2.29	180.49	180.66	181.77	0.278035	4.68	0.49	5.65	56.01	61.66
R.Baccariu	ReachM2	1525.045	Tr=500 anni	2.57	180.49	180.67	181.88	0.279814	4.88	0.53	5.71	55.98	61.69
R.Baccariu	ReachM2	1499.55	Tr=50 anni	1.88	174.45	174.59	175.44	0.213699	4.07	0.46	5.41	59.23	64.64
R.Baccariu	ReachM2	1499.55	Tr=100 anni	2.09	174.45	174.60	175.50	0.212071	4.21	0.50	5.48	59.18	64.67
R.Baccariu	ReachM2	1499.55	Tr=200 anni	2.29	174.45	174.61	175.57	0.211806	4.35	0.53	5.55	59.14	64.69
R.Baccariu	ReachM2	1499.55	Tr=500 anni	2.57	174.45	174.61	175.65	0.211583	4.52	0.57	5.64	59.09	64.73
R.Baccariu	ReachM2	1473.436	Tr=50 anni	1.88	167.61	167.77	169.14	0.268963	5.19	0.36	3.48	63.56	67.04

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.Baccariu	ReachM2	1473.436	Tr=100 anni	2.09	167.61	167.78	169.21	0.271055	5.30	0.39	3.70	63.38	67.08
R.Baccariu	ReachM2	1473.436	Tr=200 anni	2.29	167.61	167.79	169.30	0.269266	5.44	0.42	3.77	63.34	67.11
R.Baccariu	ReachM2	1473.436	Tr=500 anni	2.57	167.61	167.80	169.41	0.267148	5.62	0.46	3.88	63.28	67.15
R.Baccariu	ReachM2	1448.773	Tr=50 anni	1.88	159.85	160.03	161.95	0.312611	6.13	0.31	2.54	59.16	61.70
R.Baccariu	ReachM2	1448.773	Tr=100 anni	2.09	159.85	160.04	162.06	0.306148	6.29	0.33	2.61	59.11	61.72
R.Baccariu	ReachM2	1448.773	Tr=200 anni	2.29	159.85	160.05	162.18	0.305109	6.46	0.35	2.67	59.07	61.74
R.Baccariu	ReachM2	1448.773	Tr=500 anni	2.57	159.85	160.06	162.33	0.303541	6.67	0.39	2.75	59.02	61.77
R.Baccariu	ReachM2	1429.27	Tr=50 anni	1.88	155.37	155.50	156.44	0.231834	4.29	0.44	5.04	35.10	40.14
R.Baccariu	ReachM2	1429.27	Tr=100 anni	2.09	155.37	155.50	156.53	0.237058	4.49	0.47	5.09	35.08	40.17
R.Baccariu	ReachM2	1429.27	Tr=200 anni	2.29	155.37	155.51	156.61	0.239958	4.65	0.49	5.14	35.05	40.19
R.Baccariu	ReachM2	1429.27	Tr=500 anni	2.57	155.37	155.52	156.72	0.243705	4.87	0.53	5.21	35.01	40.22
R.Baccariu	ReachM2	1397.764	Tr=50 anni	1.88	149.39	149.50	150.05	0.172785	3.29	0.57	7.83	53.80	61.63
R.Baccariu	ReachM2	1397.764	Tr=100 anni	2.09	149.39	149.50	150.10	0.171035	3.41	0.61	7.91	53.76	61.67
R.Baccariu	ReachM2	1397.764	Tr=200 anni	2.29	149.39	149.51	150.14	0.170630	3.52	0.65	7.98	53.73	61.71
R.Baccariu	ReachM2	1397.764	Tr=500 anni	2.57	149.39	149.52	150.20	0.170262	3.66	0.70	8.10	53.66	61.76
R.Baccariu	ReachM2	1373.508	Tr=50 anni	1.88	144.82	145.06	146.18	0.143849	4.68	0.40	2.79	55.25	58.04
R.Baccariu	ReachM2	1373.508	Tr=100 anni	2.09	144.82	145.07	146.26	0.142661	4.82	0.43	2.86	55.20	58.07
R.Baccariu	ReachM2	1373.508	Tr=200 anni	2.29	144.82	145.08	146.32	0.141155	4.93	0.46	2.93	55.16	58.09
R.Baccariu	ReachM2	1373.508	Tr=500 anni	2.57	144.82	145.10	146.41	0.139098	5.08	0.51	3.02	55.11	58.13
R.Baccariu	ReachM2	1348.798	Tr=50 anni	1.88	140.41	140.57	141.60	0.244608	4.50	0.42	4.66	58.11	62.77
R.Baccariu	ReachM2	1348.798	Tr=100 anni	2.09	140.41	140.57	141.69	0.246514	4.67	0.45	4.73	58.08	62.81
R.Baccariu	ReachM2	1348.798	Tr=200 anni	2.29	140.41	140.58	141.77	0.248748	4.83	0.47	4.79	58.05	62.84
R.Baccariu	ReachM2	1348.798	Tr=500 anni	2.57	140.41	140.59	141.88	0.251801	5.04	0.51	4.88	58.00	62.88
R.Baccariu	ReachM2	1323.466	Tr=50 anni	1.88	135.67	135.90	136.92	0.144042	4.48	0.42	3.13	58.42	61.55
R.Baccariu	ReachM2	1323.466	Tr=100 anni	2.09	135.67	135.91	136.99	0.143862	4.61	0.45	3.23	58.39	61.62
R.Baccariu	ReachM2	1323.466	Tr=200 anni	2.29	135.67	135.92	137.06	0.143438	4.73	0.48	3.32	58.36	61.68
R.Baccariu	ReachM2	1323.466	Tr=500 anni	2.57	135.67	135.93	137.15	0.143064	4.88	0.53	3.44	58.31	61.75
R.Baccariu	ReachM2	1289.251	Tr=50 anni	1.88	130.62	130.80	131.64	0.162695	4.07	0.46	4.41	42.00	46.41
R.Baccariu	ReachM2	1289.251	Tr=100 anni	2.09	130.62	130.80	131.70	0.163543	4.19	0.50	4.57	41.91	46.48
R.Baccariu	ReachM2	1289.251	Tr=200 anni	2.29	130.62	130.81	131.75	0.164357	4.30	0.53	4.71	41.84	46.55
R.Baccariu	ReachM2	1289.251	Tr=500 anni	2.57	130.62	130.82	131.83	0.165551	4.44	0.58	4.90	41.73	46.63
R.Baccariu	ReachM2	1272.688	Tr=50 anni	1.88	128.27	128.44	129.17	0.133246	3.80	0.49	4.48	33.80	38.28
R.Baccariu	ReachM2	1272.688	Tr=100 anni	2.09	128.27	128.44	129.23	0.132795	3.93	0.53	4.58	33.77	38.35
R.Baccariu	ReachM2	1272.688	Tr=200 anni	2.29	128.27	128.45	129.28	0.132428	4.04	0.57	4.68	33.73	38.41
R.Baccariu	ReachM2	1272.688	Tr=500 anni	2.57	128.27	128.46	129.35	0.131883	4.18	0.62	4.81	33.69	38.50
R.Baccariu	ReachM2	1249.178	Tr=50 anni	1.88	125.12	125.39	126.34	0.107692	4.32	0.43	2.72	54.82	57.54
R.Baccariu	ReachM2	1249.178	Tr=100 anni	2.09	125.12	125.40	126.41	0.107522	4.44	0.47	2.83	54.79	57.61
R.Baccariu	ReachM2	1249.178	Tr=200 anni	2.29	125.12	125.42	126.47	0.107346	4.54	0.50	2.93	54.75	57.68
R.Baccariu	ReachM2	1249.178	Tr=500 anni	2.57	125.12	125.43	126.55	0.106711	4.68	0.55	3.03	54.72	57.74
R.Baccariu	ReachM2	1224.098	Tr=50 anni	1.88	121.22	121.45	122.77	0.192078	5.09	0.37	2.82	36.76	39.58
R.Baccariu	ReachM2	1224.098	Tr=100 anni	2.09	121.22	121.47	122.85	0.190606	5.22	0.40	2.93	36.71	39.64
R.Baccariu	ReachM2	1224.098	Tr=200 anni	2.29	121.22	121.48	122.92	0.189380	5.33	0.43	3.03	36.66	39.69
R.Baccariu	ReachM2	1224.098	Tr=500 anni	2.57	121.22	121.49	123.02	0.188861	5.48	0.47	3.16	36.60	39.76
R.Baccariu	ReachM2	1199.18	Tr=50 anni	1.88	118.27	118.44	118.90	0.113570	3.00	0.63	7.20	31.32	39.03
R.Baccariu	ReachM2	1199.18	Tr=100 anni	2.09	118.27	118.45	118.94	0.115797	3.11	0.67	7.42	31.29	39.06
R.Baccariu	ReachM2	1199.18	Tr=200 anni	2.29	118.27	118.45	118.98	0.117848	3.21	0.71	7.61	31.25	39.08
R.Baccariu	ReachM2	1199.18	Tr=500 anni	2.57	118.27	118.46	119.03	0.119971	3.34	0.77	7.87	31.21	39.11
R.Baccariu	ReachM2	1174.009	Tr=50 anni	1.88	114.32	114.49	115.40	0.169458	4.23	0.44	4.12	36.08	40.21
R.Baccariu	ReachM2	1174.009	Tr=100 anni	2.09	114.32	114.50	115.45	0.164542	4.32	0.48	4.24	36.03	40.27
R.Baccariu	ReachM2	1174.009	Tr=200 anni	2.29	114.32	114.50	115.49	0.160461	4.40	0.52	4.35	35.97	40.33
R.Baccariu	ReachM2	1174.009	Tr=500 anni	2.57	114.32	114.52	115.55	0.156033	4.51	0.57	4.50	35.91	40.41
R.Baccariu	ReachM2	1151.841	Tr=50 anni	1.88	111.58	111.75	112.35	0.107407	3.46	0.54	4.84	43.33	48.17
R.Baccariu	ReachM2	1151.841	Tr=100 anni	2.09	111.58	111.75	112.41	0.109587	3.60	0.58	4.93	43.27	48.20
R.Baccariu	ReachM2	1151.841	Tr=200 anni	2.29	111.58	111.76	112.47	0.111406	3.73	0.61	5.01	43.21	48.22
R.Baccariu	ReachM2	1151.841	Tr=500 anni	2.57	111.58	111.77	112.54	0.113479	3.90	0.66	5.11	43.14	48.26
R.Baccariu	ReachM2	1121.818	Tr=50 anni	1.88	107.88	108.07	108.89	0.122923	4.01	0.47	3.69	51.72	55.41
R.Baccariu	ReachM2	1121.818	Tr=100 anni	2.09	107.88	108.08	108.95	0.120436	4.12	0.51	3.76	51.68	55.43
R.Baccariu	ReachM2	1121.818	Tr=200 anni	2.29	107.88	108.09	109.00	0.118524	4.22	0.54	3.82	51.64	55.46
R.Baccariu	ReachM2	1121.818	Tr=500 anni	2.57	107.88	108.10	109.07	0.116420	4.36	0.59	3.90	51.59	55.49
R.Baccariu	ReachM2	1096.617	Tr=50 anni	1.88	105.36	105.60	106.30	0.085111	3.70	0.51	3.41	51.15	54.56
R.Baccariu	ReachM2	1096.617	Tr=100 anni	2.09	105.36	105.61	106.35	0.086796	3.81	0.55	3.55	51.03	54.58
R.Baccariu	ReachM2	1096.617	Tr=200 anni	2.29	105.36	105.62	106.40	0.088094	3.92	0.58	3.68	50.92	54.61
R.Baccariu	ReachM2	1096.617	Tr=500 anni	2.57	105.36	105.64	106.47	0.089664	4.05	0.63	3.85	50.78	54.64
R.Baccariu	ReachM2	1071.327	Tr=50 anni	1.88	103.11	103.33	104.06	0.091532	3.79	0.50	3.39	51.97	55.36
R.Baccariu	ReachM2	1071.327	Tr=100 anni	2.09	103.11	103.34	104.12	0.089860	3.90	0.54	3.45	51.94	55.39
R.Baccariu	ReachM2	1071.327	Tr=200 anni	2.29	103.11	103.35	104.17	0.088540	4.00	0.57	3.51	51.91	55.42
R.Baccariu	ReachM2	1071.327	Tr=500 anni	2.57	103.11	103.36	104.23	0.087003	4.13	0.62	3.59	51.88	55.46
R.Baccariu	ReachM2	1055.112	Tr=50 anni	4.73	101.79	102.07	102.88	0.066684	3.97	1.19	5.99	38.53	44.52
R.Baccariu	ReachM2	1055.112	Tr=100 anni	5.24	101.79	102.09	102.94	0.066192	4.10	1.28	6.10	38.49	44.59
R.Baccariu	ReachM2	1055.112	Tr=200 anni	5.76	101.79	102.10	103.01	0.065423	4.22	1.37	6.19	38.44	44.64
R.Baccariu	ReachM2	1055.112	Tr=500 anni	6.45	101.79	102.12	103.09	0.064560	4.37	1.48	6.29	38.39	44.68
R.Baccariu	ReachM2	1023.657	Tr=50 anni	4.73	99.14	99.39	100.26	0.106563	4.13	1.15	7.78	59.48	67.26
R.Baccariu	ReachM2	1023.657	Tr=100 anni	5.24	99.14	99.40	100.32	0.107422	4.26	1.23	8.02	59.40	67.42

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
R.Baccariu	ReachM2	1023.657	Tr=200 anni	5.76	99.14	99.41	100.40	0.107963	4.41	1.31	8.13	59.34	67.46
R.Baccariu	ReachM2	1023.657	Tr=500 anni	6.45	99.14	99.42	100.49	0.108519	4.59	1.41	8.26	59.26	67.52
R.Baccariu	ReachM2	998.1603	Tr=50 anni	4.73	97.04	97.31	97.97	0.072655	3.60	1.32	8.24	59.84	68.08
R.Baccariu	ReachM2	998.1603	Tr=100 anni	5.24	97.04	97.32	98.03	0.072571	3.72	1.41	8.38	59.79	68.17
R.Baccariu	ReachM2	998.1603	Tr=200 anni	5.76	97.04	97.33	98.08	0.072920	3.84	1.50	8.52	59.75	68.27
R.Baccariu	ReachM2	998.1603	Tr=500 anni	6.45	97.04	97.35	98.16	0.073404	4.00	1.61	8.69	59.70	68.39
R.Baccariu	ReachM2	972.8588	Tr=50 anni	4.73	94.78	95.04	95.89	0.092115	4.09	1.16	7.16	59.58	66.75
R.Baccariu	ReachM2	972.8588	Tr=100 anni	5.24	94.78	95.05	95.95	0.091564	4.20	1.25	7.35	59.48	66.83
R.Baccariu	ReachM2	972.8588	Tr=200 anni	5.76	94.78	95.06	96.01	0.090984	4.32	1.33	7.53	59.38	66.91
R.Baccariu	ReachM2	972.8588	Tr=500 anni	6.45	94.78	95.08	96.09	0.089983	4.45	1.45	7.74	59.28	67.01
R.Baccariu	ReachM2	947.7028	Tr=50 anni	4.73	93.30	93.51	93.94	0.058208	2.92	1.62	11.78	60.36	72.14
R.Baccariu	ReachM2	947.7028	Tr=100 anni	5.24	93.30	93.52	93.99	0.059170	3.05	1.72	11.87	60.30	72.17
R.Baccariu	ReachM2	947.7028	Tr=200 anni	5.76	93.30	93.53	94.04	0.060126	3.16	1.82	12.00	60.21	72.20
R.Baccariu	ReachM2	947.7028	Tr=500 anni	6.45	93.30	93.54	94.10	0.061447	3.31	1.95	12.18	60.07	72.25
R.Baccariu	ReachM2	922.1958	Tr=50 anni	4.73	91.55	91.71	92.14	0.087975	2.90	1.63	16.29	56.75	74.22
R.Baccariu	ReachM2	922.1958	Tr=100 anni	5.24	91.55	91.72	92.17	0.087051	2.99	1.75	16.67	56.69	74.26
R.Baccariu	ReachM2	922.1958	Tr=200 anni	5.76	91.55	91.72	92.20	0.086627	3.06	1.88	17.24	56.62	74.30
R.Baccariu	ReachM2	922.1958	Tr=500 anni	6.45	91.55	91.73	92.24	0.085895	3.15	2.05	17.78	56.56	74.34
R.Baccariu	ReachM2	897.1864	Tr=50 anni	4.73	89.97	90.20	90.54	0.047134	2.61	1.82	13.37	55.17	68.54
R.Baccariu	ReachM2	897.1864	Tr=100 anni	5.24	89.97	90.21	90.58	0.047446	2.70	1.94	13.88	55.06	68.74
R.Baccariu	ReachM2	897.1864	Tr=200 anni	5.76	89.97	90.22	90.59	0.047938	2.71	2.13	14.94	54.93	70.04
R.Baccariu	ReachM2	897.1864	Tr=500 anni	6.45	89.97	90.23	90.62	0.048614	2.77	2.33	16.02	54.78	70.79
R.Baccariu	ReachM2	866.9135	Tr=50 anni	4.73	87.89	88.22	88.96	0.055022	3.81	1.24	5.71	36.26	41.98
R.Baccariu	ReachM2	866.9135	Tr=100 anni	5.24	87.89	88.24	89.01	0.053497	3.89	1.35	5.90	36.11	42.02
R.Baccariu	ReachM2	866.9135	Tr=200 anni	5.76	87.89	88.26	89.05	0.051368	3.94	1.46	6.10	35.96	42.06
R.Baccariu	ReachM2	866.9135	Tr=500 anni	6.45	87.89	88.28	89.10	0.049118	4.00	1.61	6.34	35.78	42.11
R.Baccariu	ReachM2	847.428	Tr=50 anni	4.73	86.72	87.05	87.85	0.058134	3.98	1.19	5.37	63.42	68.79
R.Baccariu	ReachM2	847.428	Tr=100 anni	5.24	86.72	87.06	87.92	0.057737	4.10	1.28	5.50	63.34	68.83
R.Baccariu	ReachM2	847.428	Tr=200 anni	5.76	86.72	87.08	87.98	0.057279	4.21	1.37	5.62	63.25	68.87
R.Baccariu	ReachM2	847.428	Tr=500 anni	6.45	86.72	87.10	88.06	0.056534	4.34	1.49	5.77	63.15	68.92
R.Baccariu	ReachM2	822.3812	Tr=50 anni	4.73	85.17	85.59	86.45	0.053380	4.12	1.15	4.58	64.66	69.24
R.Baccariu	ReachM2	822.3812	Tr=100 anni	5.24	85.17	85.61	86.53	0.053151	4.24	1.24	4.70	64.57	69.27
R.Baccariu	ReachM2	822.3812	Tr=200 anni	5.76	85.17	85.63	86.59	0.052949	4.35	1.32	4.82	64.48	69.30
R.Baccariu	ReachM2	822.3812	Tr=500 anni	6.45	85.17	85.65	86.68	0.052931	4.50	1.43	4.96	64.38	69.34
R.Baccariu	ReachM2	798.3116	Tr=50 anni	4.73	83.88	84.17	85.02	0.066718	4.07	1.16	5.61	64.71	70.32
R.Baccariu	ReachM2	798.3116	Tr=100 anni	5.24	83.88	84.19	85.09	0.067030	4.21	1.24	5.73	64.61	70.35
R.Baccariu	ReachM2	798.3116	Tr=200 anni	5.76	83.88	84.20	85.16	0.067278	4.34	1.33	5.86	64.52	70.38
R.Baccariu	ReachM2	798.3116	Tr=500 anni	6.45	83.88	84.22	85.25	0.067543	4.50	1.43	6.01	64.40	70.41
R.Baccariu	ReachM2	772.9147	Tr=50 anni	4.73	82.13	82.46	83.24	0.071986	3.90	1.21	6.59	62.25	68.84
R.Baccariu	ReachM2	772.9147	Tr=100 anni	5.24	82.13	82.48	83.29	0.072574	4.00	1.31	6.91	61.95	68.86
R.Baccariu	ReachM2	772.9147	Tr=200 anni	5.76	82.13	82.49	83.36	0.072862	4.12	1.40	7.06	61.83	68.88
R.Baccariu	ReachM2	772.9147	Tr=500 anni	6.45	82.13	82.50	83.44	0.072940	4.28	1.51	7.18	61.72	68.90
R.Baccariu	ReachM2	750.2701	Tr=50 anni	4.73	80.73	81.04	81.71	0.060690	3.63	1.30	7.00	40.42	47.42
R.Baccariu	ReachM2	750.2701	Tr=100 anni	5.24	80.73	81.05	81.76	0.060313	3.73	1.40	7.21	40.26	47.47
R.Baccariu	ReachM2	750.2701	Tr=200 anni	5.76	80.73	81.07	81.82	0.060545	3.84	1.50	7.40	40.12	47.52
R.Baccariu	ReachM2	750.2701	Tr=500 anni	6.45	80.73	81.08	81.89	0.061108	4.00	1.61	7.56	40.01	47.57
R.Baccariu	ReachM2	714.5255	Tr=50 anni	4.73	78.61	78.89	79.56	0.059589	3.64	1.30	6.87	31.15	38.02
R.Baccariu	ReachM2	714.5255	Tr=100 anni	5.24	78.61	78.90	79.62	0.059636	3.75	1.40	7.08	31.07	38.14
R.Baccariu	ReachM2	714.5255	Tr=200 anni	5.76	78.61	78.91	79.67	0.059772	3.85	1.49	7.28	30.98	38.27
R.Baccariu	ReachM2	714.5255	Tr=500 anni	6.45	78.61	78.93	79.73	0.059633	3.97	1.62	7.54	30.88	38.42
R.Baccariu	ReachM2	696.7413	Tr=50 anni	4.73	76.49	76.67	77.89	0.156020	4.89	0.97	6.77	32.45	39.22
R.Baccariu	ReachM2	696.7413	Tr=100 anni	5.24	76.49	76.68	77.96	0.150992	5.01	1.05	6.87	32.38	39.25
R.Baccariu	ReachM2	696.7413	Tr=200 anni	5.76	76.49	76.69	77.96	0.165284	4.98	1.16	8.21	29.83	39.29
R.Baccariu	ReachM2	696.7413	Tr=500 anni	6.45	76.49	76.71	77.99	0.177680	5.01	1.29	9.59	29.69	39.33
R.Baccariu	ReachM2	671.8271	Tr=50 anni	4.73	74.47	74.69	75.16	0.070023	3.06	1.55	12.00	49.11	61.10
R.Baccariu	ReachM2	671.8271	Tr=100 anni	5.24	74.47	74.69	75.22	0.072248	3.21	1.63	12.08	49.04	61.11
R.Baccariu	ReachM2	671.8271	Tr=200 anni	5.76	74.47	74.71	75.24	0.067279	3.25	1.77	12.21	48.92	61.13
R.Baccariu	ReachM2	671.8271	Tr=500 anni	6.45	74.47	74.72	75.28	0.063974	3.33	1.94	12.36	48.79	61.16
R.Baccariu	ReachM2	652.3063	Tr=50 anni	4.73	73.01	73.22	73.70	0.080493	3.07	1.54	13.24	63.90	77.14
R.Baccariu	ReachM2	652.3063	Tr=100 anni	5.24	73.01	73.23	73.74	0.079264	3.16	1.66	13.54	63.64	77.17
R.Baccariu	ReachM2	652.3063	Tr=200 anni	5.76	73.01	73.24	73.79	0.082466	3.30	1.75	13.75	63.45	77.20
R.Baccariu	ReachM2	652.3063	Tr=500 anni	6.45	73.01	73.25	73.85	0.084326	3.45	1.87	13.94	63.29	77.23
R.Baccariu	ReachM2	622.2864	Tr=50 anni	4.73	71.00	71.28	71.68	0.055831	2.80	1.69	12.57	93.34	105.91
R.Baccariu	ReachM2	622.2864	Tr=100 anni	5.24	71.00	71.29	71.73	0.056294	2.92	1.79	12.61	93.31	105.92
R.Baccariu	ReachM2	622.2864	Tr=200 anni	5.76	71.00	71.30	71.76	0.054998	3.01	1.91	12.66	93.28	105.94
R.Baccariu	ReachM2	622.2864	Tr=500 anni	6.45	71.00	71.31	71.81	0.054385	3.13	2.06	12.71	93.25	105.96
R.Baccariu	ReachM2	584.2443	Tr=50 anni	4.73	69.36	69.57	69.87	0.039777	2.41	1.97	14.35	132.97	147.32
R.Baccariu	ReachM2	584.2443	Tr=100 anni	5.24	69.36	69.58	69.90	0.039937	2.49	2.11	14.66	132.72	147.38
R.Baccariu	ReachM2	584.2443	Tr=200 anni	5.76	69.36	69.59	69.93	0.040919	2.58	2.23	15.03	132.41	147.44
R.Baccariu	ReachM2	584.2443	Tr=500 anni	6.45	69.36	69.60	69.97	0.041552	2.69	2.40	15.35	132.15	147.50
R.Baccariu	ReachM1	556.1782	Tr=50 anni	58.45	68.09	68.92	71.39	0.050253	6.95	8.41	14.68	87.20	101.88
R.Baccariu	ReachM1	556.1782	Tr=100 anni	64.78	68.09	68.97	71.56	0.049309	7.14	9.08	15.01	86.97	101.97
R.Baccariu	ReachM1	556.1782	Tr=200 anni	71.17	68.09	69.01	71.75	0.048892	7.33	9.71	15.30	86.75	102.05

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
R.Baccariu	ReachM1	556.1782	Tr=500 anni	79.76	68.09	69.06	71.99	0.048340	7.58	10.52	15.85	86.51	102.16
R.Baccariu	ReachM1	541.1697	Tr=50 anni	58.45	67.84	68.60	70.47	0.048242	6.06	9.64	20.23	79.82	100.04
R.Baccariu	ReachM1	541.1697	Tr=100 anni	64.78	67.84	68.63	70.65	0.049134	6.31	10.27	20.58	79.53	100.11
R.Baccariu	ReachM1	541.1697	Tr=200 anni	71.17	67.84	68.66	70.84	0.049963	6.55	10.87	20.85	79.32	100.17
R.Baccariu	ReachM1	541.1697	Tr=500 anni	79.76	67.84	68.69	71.08	0.050769	6.85	11.65	21.12	79.13	100.25
R.Baccariu	ReachM1	508.7755	Tr=50 anni	58.45	66.64	67.45	69.08	0.034686	5.65	10.34	18.80	56.18	74.98
R.Baccariu	ReachM1	508.7755	Tr=100 anni	64.78	66.64	67.49	69.24	0.034773	5.87	11.04	18.99	56.09	75.08
R.Baccariu	ReachM1	508.7755	Tr=200 anni	71.17	66.64	67.52	69.41	0.034972	6.08	11.71	19.18	55.99	75.17
R.Baccariu	ReachM1	508.7755	Tr=500 anni	79.76	66.64	67.57	69.62	0.035304	6.35	12.56	19.40	55.87	75.27
R.Baccariu	ReachM1	469.0426	Tr=50 anni	58.45	65.23	66.20	67.81	0.029574	5.62	10.40	16.77	56.28	73.06
R.Baccariu	ReachM1	469.0426	Tr=100 anni	64.78	65.23	66.24	67.96	0.029569	5.82	11.13	17.03	56.20	73.23
R.Baccariu	ReachM1	469.0426	Tr=200 anni	71.17	65.23	66.28	68.12	0.029566	6.01	11.85	17.28	56.11	73.40
R.Baccariu	ReachM1	469.0426	Tr=500 anni	79.76	65.23	66.33	68.32	0.029631	6.24	12.78	17.60	56.01	73.61
R.Baccariu	ReachM1	442.8147	Tr=50 anni	58.45	63.81	65.10	66.98	0.031848	6.06	9.64	14.46	70.50	88.06
R.Baccariu	ReachM1	442.8147	Tr=100 anni	64.78	63.81	65.16	67.12	0.033372	6.20	10.44	15.71	69.99	88.39
R.Baccariu	ReachM1	442.8147	Tr=200 anni	71.17	63.81	65.20	67.25	0.035482	6.34	11.23	17.16	69.34	88.70
R.Baccariu	ReachM1	442.8147	Tr=500 anni	79.76	63.81	65.26	67.42	0.038852	6.51	12.26	19.28	69.03	89.93
R.Baccariu	ReachM1	418.6912	Tr=50 anni	58.45	63.39	64.25	66.14	0.037621	6.08	9.61	16.55	57.01	73.56
R.Baccariu	ReachM1	418.6912	Tr=100 anni	64.78	63.39	64.30	66.27	0.036377	6.22	10.41	16.89	56.82	73.71
R.Baccariu	ReachM1	418.6912	Tr=200 anni	71.17	63.39	64.35	66.40	0.035301	6.34	11.22	17.31	56.56	73.87
R.Baccariu	ReachM1	418.6912	Tr=500 anni	79.76	63.39	64.41	66.54	0.033464	6.46	12.35	17.78	56.29	74.07
R.Baccariu	ReachM1	393.3474	Tr=50 anni	58.45	62.70	64.02	65.25	0.020542	4.91	11.89	17.74	55.01	72.75
R.Baccariu	ReachM1	393.3474	Tr=100 anni	64.78	62.70	64.06	65.40	0.020755	5.12	12.66	17.88	54.93	72.82
R.Baccariu	ReachM1	393.3474	Tr=200 anni	71.17	62.70	64.11	65.54	0.020766	5.30	13.44	18.03	54.85	72.88
R.Baccariu	ReachM1	393.3474	Tr=500 anni	79.76	62.70	64.17	65.71	0.020572	5.50	14.50	18.23	54.75	72.98
R.Baccariu	ReachM1	366.4217	Tr=50 anni	58.45	61.42	62.85	64.61	0.023125	5.88	9.94	12.08	60.42	72.50
R.Baccariu	ReachM1	366.4217	Tr=100 anni	64.78	61.42	62.91	64.76	0.022480	6.03	10.74	12.30	60.30	72.60
R.Baccariu	ReachM1	366.4217	Tr=200 anni	71.17	61.42	62.98	64.91	0.021870	6.16	11.55	12.52	60.18	72.69
R.Baccariu	ReachM1	366.4217	Tr=500 anni	79.76	61.42	63.06	65.10	0.021128	6.32	12.62	12.80	60.02	72.82
R.Baccariu	ReachM1	340.0117	Tr=50 anni	58.89	59.85	61.06	63.77	0.035281	7.29	8.08	9.74	60.28	70.02
R.Baccariu	ReachM1	340.0117	Tr=100 anni	65.26	59.85	61.13	63.94	0.034205	7.43	8.79	10.05	60.05	70.10
R.Baccariu	ReachM1	340.0117	Tr=200 anni	71.71	59.85	61.20	64.11	0.033281	7.56	9.49	10.35	59.82	70.17
R.Baccariu	ReachM1	340.0117	Tr=500 anni	80.36	59.85	61.29	64.31	0.032495	7.70	10.43	10.83	59.43	70.26
R.Baccariu	ReachM1	312.6147	Tr=50 anni	58.89	57.54	58.71	62.49	0.052275	8.62	6.83	8.56	28.12	36.68
R.Baccariu	ReachM1	312.6147	Tr=100 anni	65.26	57.54	58.78	62.70	0.050560	8.77	7.44	8.83	27.94	36.77
R.Baccariu	ReachM1	312.6147	Tr=200 anni	71.71	57.54	58.85	62.90	0.048965	8.91	8.04	9.07	27.76	36.83
R.Baccariu	ReachM1	312.6147	Tr=500 anni	80.36	57.54	58.94	63.13	0.047114	9.07	8.86	9.41	27.49	36.90
R.Baccariu	ReachM1	289.5718	Tr=50 anni	58.89	56.36	57.14	61.06	0.074234	8.78	6.71	10.95	58.77	69.71
R.Baccariu	ReachM1	289.5718	Tr=100 anni	65.26	56.36	57.18	61.31	0.071758	8.99	7.26	11.09	58.68	69.77
R.Baccariu	ReachM1	289.5718	Tr=200 anni	71.71	56.36	57.23	61.54	0.069493	9.19	7.80	11.24	58.59	69.83
R.Baccariu	ReachM1	289.5718	Tr=500 anni	80.36	56.36	57.30	61.82	0.066534	9.42	8.53	11.43	58.48	69.91
R.Baccariu	ReachM1	263.6037	Tr=50 anni	58.89	53.44	54.35	58.96	0.082521	9.52	6.19	9.52	49.37	58.89
R.Baccariu	ReachM1	263.6037	Tr=100 anni	65.26	53.44	54.40	59.26	0.080437	9.77	6.68	9.66	49.28	58.95
R.Baccariu	ReachM1	263.6037	Tr=200 anni	71.71	53.44	54.45	59.54	0.078460	10.00	7.17	9.80	49.20	59.00
R.Baccariu	ReachM1	263.6037	Tr=500 anni	80.36	53.44	54.51	59.89	0.075878	10.28	7.82	9.98	49.09	59.08
R.Baccariu	ReachM1	238.1887	Tr=50 anni	58.89	50.59	51.33	56.44	0.115777	10.02	5.88	11.07	52.86	63.93
R.Baccariu	ReachM1	238.1887	Tr=100 anni	65.26	50.59	51.37	56.79	0.113975	10.31	6.33	11.26	52.78	64.04
R.Baccariu	ReachM1	238.1887	Tr=200 anni	71.71	50.59	51.41	57.12	0.112181	10.58	6.78	11.44	52.70	64.14
R.Baccariu	ReachM1	238.1887	Tr=500 anni	80.36	50.59	51.46	57.52	0.109766	10.91	7.37	11.69	52.60	64.28
R.Baccariu	ReachM1	213.9542	Tr=50 anni	58.89	48.26	49.49	53.78	0.086656	9.18	6.42	10.76	52.83	63.59
R.Baccariu	ReachM1	213.9542	Tr=100 anni	65.26	48.26	49.53	54.14	0.087247	9.51	6.86	10.95	52.70	63.66
R.Baccariu	ReachM1	213.9542	Tr=200 anni	71.71	48.26	49.57	54.49	0.087642	9.82	7.30	11.13	52.59	63.72
R.Baccariu	ReachM1	213.9542	Tr=500 anni	80.36	48.26	49.62	54.91	0.088277	10.19	7.89	11.44	52.42	63.86
R.Baccariu	ReachM1	187.5619	Tr=50 anni	58.89	47.17	47.95	51.32	0.078922	8.13	7.24	14.10	21.89	35.98
R.Baccariu	ReachM1	187.5619	Tr=100 anni	65.26	47.17	47.99	51.64	0.080833	8.47	7.71	14.38	21.68	36.06
R.Baccariu	ReachM1	187.5619	Tr=200 anni	71.71	47.17	48.02	51.96	0.082114	8.79	8.16	14.53	21.60	36.14
R.Baccariu	ReachM1	187.5619	Tr=500 anni	80.36	47.17	48.06	52.36	0.083123	9.19	8.75	14.72	21.52	36.23
R.Baccariu	ReachM1	168.8305	Tr=50 anni	58.89	45.49	46.56	49.70	0.087632	7.84	7.51	16.53	22.94	39.47
R.Baccariu	ReachM1	168.8305	Tr=100 anni	65.26	45.49	46.59	49.98	0.087902	8.15	8.01	16.65	22.88	39.53
R.Baccariu	ReachM1	168.8305	Tr=200 anni	71.71	45.49	46.62	50.27	0.088677	8.46	8.47	16.76	22.83	39.59
R.Baccariu	ReachM1	168.8305	Tr=500 anni	80.36	45.49	46.66	50.65	0.089551	8.85	9.08	16.91	22.76	39.67
R.Baccariu	ReachM1	147.2712	Tr=50 anni	58.89	43.84	44.76	47.86	0.082172	7.79	7.56	16.01	12.89	28.90
R.Baccariu	ReachM1	147.2712	Tr=100 anni	65.26	43.84	44.80	48.13	0.082501	8.09	8.07	16.19	12.82	29.01
R.Baccariu	ReachM1	147.2712	Tr=200 anni	71.71	43.84	44.83	48.40	0.082950	8.38	8.56	16.36	12.76	29.12
R.Baccariu	ReachM1	147.2712	Tr=500 anni	80.36	43.84	44.86	48.75	0.083405	8.74	9.20	16.56	12.68	29.23
R.Baccariu	ReachM1	114.9379	Tr=50 anni	58.89	42.48	43.50	45.92	0.037890	6.89	8.55	12.06	28.56	40.62
R.Baccariu	ReachM1	114.9379	Tr=100 anni	65.26	42.48	43.54	46.16	0.038323	7.17	9.10	12.17	28.49	40.66
R.Baccariu	ReachM1	114.9379	Tr=200 anni	71.71	42.48	43.59	46.41	0.038774	7.44	9.64	12.27	28.43	40.69
R.Baccariu	ReachM1	114.9379	Tr=500 anni	80.36	42.48	43.64	46.72	0.039283	7.77	10.34	12.40	28.34	40.74
R.Baccariu	ReachM1	79.057	Tr=50 anni	58.89	39.21	40.73	44.33	0.044385	8.40	7.01	7.73	61.18	68.91
R.Baccariu	ReachM1	79.057	Tr=100 anni	65.26	39.21	40.81	44.58	0.043877	8.60	7.58	7.99	61.01	69.00
R.Baccariu	ReachM1	79.057	Tr=200 anni	71.71	39.21	40.88	44.82	0.043513	8.80	8.15	8.23	60.85	69.08
R.Baccariu	ReachM1	79.057	Tr=500 anni	80.36	39.21	40.96	45.14	0.043239	9.05	8.88	8.55	60.63	69.18

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
R.Baccariu	ReachM1	51.30984	Tr=50 anni	58.89	38.69	39.70	42.86	0.052637	7.87	7.48	11.12	75.34	86.45
R.Baccariu	ReachM1	51.30984	Tr=100 anni	65.26	38.69	39.75	43.13	0.052859	8.14	8.02	11.35	75.21	86.56
R.Baccariu	ReachM1	51.30984	Tr=200 anni	71.71	38.69	39.80	43.39	0.053068	8.39	8.54	11.57	75.08	86.65
R.Baccariu	ReachM1	51.30984	Tr=500 anni	80.36	38.69	39.86	43.71	0.053364	8.70	9.24	11.91	74.89	86.79
C.deC.Rutta	ReachM1	1526.803	Tr=50 anni	49.40	168.23	169.85	170.29	0.005194	2.94	16.78	19.01	18.65	37.66
C.deC.Rutta	ReachM1	1526.803	Tr=100 anni	54.74	168.23	169.91	170.38	0.005105	3.04	18.02	19.21	18.53	37.75
C.deC.Rutta	ReachM1	1526.803	Tr=200 anni	60.14	168.23	169.97	170.47	0.005018	3.12	19.26	19.41	18.43	37.83
C.deC.Rutta	ReachM1	1526.803	Tr=500 anni	67.40	168.23	170.06	170.59	0.004932	3.23	20.85	19.65	18.29	37.94
C.deC.Rutta	ReachM1	1502.648	Tr=50 anni	49.40	165.64	166.46	169.69	0.078664	7.96	6.21	12.40	27.94	40.34
C.deC.Rutta	ReachM1	1502.648	Tr=100 anni	54.74	165.64	166.51	169.79	0.077789	8.02	6.83	13.38	27.07	40.44
C.deC.Rutta	ReachM1	1502.648	Tr=200 anni	60.14	165.64	166.56	169.88	0.080582	8.08	7.44	14.82	25.73	40.56
C.deC.Rutta	ReachM1	1502.648	Tr=500 anni	67.40	165.64	166.61	170.00	0.076937	8.16	8.26	15.66	25.03	40.70
C.deC.Rutta	ReachM1	1471.299	Tr=50 anni	49.40	162.19	162.91	166.74	0.109786	8.67	5.70	12.83	36.10	48.93
C.deC.Rutta	ReachM1	1471.299	Tr=100 anni	54.74	162.19	162.95	166.92	0.103781	8.83	6.20	13.02	36.00	49.02
C.deC.Rutta	ReachM1	1471.299	Tr=200 anni	60.14	162.19	162.99	167.05	0.096958	8.92	6.74	13.22	35.90	49.12
C.deC.Rutta	ReachM1	1471.299	Tr=500 anni	67.40	162.19	163.05	167.08	0.109961	8.89	7.58	16.47	35.75	54.71
C.deC.Rutta	ReachM1	1451.143	Tr=50 anni	49.40	158.59	159.20	164.03	0.154524	9.73	5.07	12.50	43.79	56.29
C.deC.Rutta	ReachM1	1451.143	Tr=100 anni	54.74	158.59	159.24	164.30	0.152408	9.97	5.49	12.93	43.59	56.52
C.deC.Rutta	ReachM1	1451.143	Tr=200 anni	60.14	158.59	159.27	164.52	0.149956	10.15	5.92	13.39	43.35	56.73
C.deC.Rutta	ReachM1	1451.143	Tr=500 anni	67.40	158.59	159.33	164.51	0.134804	10.09	6.68	14.07	43.00	57.07
C.deC.Rutta	ReachM1	1428.638	Tr=50 anni	49.40	156.13	156.88	160.91	0.108212	8.89	5.55	11.98	45.78	57.75
C.deC.Rutta	ReachM1	1428.638	Tr=100 anni	54.74	156.13	156.91	161.20	0.108085	9.18	5.96	12.25	45.66	57.92
C.deC.Rutta	ReachM1	1428.638	Tr=200 anni	60.14	156.13	156.94	161.48	0.107200	9.43	6.38	12.49	45.56	58.05
C.deC.Rutta	ReachM1	1428.638	Tr=500 anni	67.40	156.13	156.99	161.74	0.103275	9.65	6.98	12.84	45.40	58.24
C.deC.Rutta	ReachM1	1406.357	Tr=50 anni	49.40	153.94	154.97	158.07	0.121542	7.80	6.33	18.04	36.95	58.50
C.deC.Rutta	ReachM1	1406.357	Tr=100 anni	54.74	153.94	155.00	158.32	0.125983	8.07	6.78	18.85	36.92	58.88
C.deC.Rutta	ReachM1	1406.357	Tr=200 anni	60.14	153.94	155.02	158.50	0.133427	8.27	7.28	20.39	36.88	60.00
C.deC.Rutta	ReachM1	1406.357	Tr=500 anni	67.40	153.94	155.05	158.80	0.137063	8.58	7.85	21.22	36.85	60.29
C.deC.Rutta	ReachM1	1372.724	Tr=50 anni	49.40	151.85	152.60	155.05	0.061731	6.94	7.12	14.63	48.76	63.39
C.deC.Rutta	ReachM1	1372.724	Tr=100 anni	54.74	151.85	152.63	155.23	0.061470	7.15	7.66	15.01	48.47	63.48
C.deC.Rutta	ReachM1	1372.724	Tr=200 anni	60.14	151.85	152.67	155.38	0.059827	7.30	8.24	15.32	48.26	63.58
C.deC.Rutta	ReachM1	1372.724	Tr=500 anni	67.40	151.85	152.71	155.63	0.059859	7.57	8.90	15.67	48.02	63.68
C.deC.Rutta	ReachM1	1343.369	Tr=50 anni	49.40	149.01	149.85	153.10	0.066088	7.98	6.19	10.71	53.96	64.68
C.deC.Rutta	ReachM1	1343.369	Tr=100 anni	54.74	149.01	149.90	153.31	0.064367	8.18	6.69	10.92	53.88	64.80
C.deC.Rutta	ReachM1	1343.369	Tr=200 anni	60.14	149.01	149.95	153.50	0.062643	8.36	7.20	11.12	53.80	64.93
C.deC.Rutta	ReachM1	1343.369	Tr=500 anni	67.40	149.01	150.00	153.77	0.061154	8.60	7.84	11.38	53.71	65.09
C.deC.Rutta	ReachM1	1322.665	Tr=50 anni	49.40	147.60	148.80	151.53	0.071213	7.32	6.75	13.85	54.28	77.17
C.deC.Rutta	ReachM1	1322.665	Tr=100 anni	54.74	147.60	148.83	151.75	0.072508	7.57	7.23	14.29	54.21	77.27
C.deC.Rutta	ReachM1	1322.665	Tr=200 anni	60.14	147.60	148.86	151.96	0.073586	7.80	7.71	14.72	54.16	77.37
C.deC.Rutta	ReachM1	1322.665	Tr=500 anni	67.40	147.60	148.90	152.24	0.075086	8.10	8.33	15.26	54.08	77.49
C.deC.Rutta	ReachM1	1298.182	Tr=50 anni	49.40	145.13	145.93	149.38	0.102135	8.24	6.00	13.72	56.47	70.19
C.deC.Rutta	ReachM1	1298.182	Tr=100 anni	54.74	145.13	145.96	149.60	0.100356	8.46	6.47	14.04	56.40	70.44
C.deC.Rutta	ReachM1	1298.182	Tr=200 anni	60.14	145.13	146.00	149.81	0.099574	8.65	6.95	14.49	56.33	70.81
C.deC.Rutta	ReachM1	1298.182	Tr=500 anni	67.40	145.13	146.04	150.01	0.106659	8.82	7.64	16.30	56.24	72.54
C.deC.Rutta	ReachM1	1273.501	Tr=50 anni	49.40	143.69	144.30	146.47	0.102740	6.53	7.56	25.09	57.32	82.41
C.deC.Rutta	ReachM1	1273.501	Tr=100 anni	54.74	143.69	144.31	146.69	0.105119	6.83	8.01	25.27	57.27	82.54
C.deC.Rutta	ReachM1	1273.501	Tr=200 anni	60.14	143.69	144.33	146.90	0.106197	7.09	8.48	25.45	57.22	82.67
C.deC.Rutta	ReachM1	1273.501	Tr=500 anni	67.40	143.69	144.36	147.07	0.101054	7.28	9.25	25.72	57.14	82.86
C.deC.Rutta	ReachM1	1255.541	Tr=50 anni	49.40	142.33	142.83	144.61	0.091832	5.91	8.36	29.63	66.35	97.10
C.deC.Rutta	ReachM1	1255.541	Tr=100 anni	54.74	142.33	142.85	144.76	0.095077	6.13	8.94	30.83	66.15	97.18
C.deC.Rutta	ReachM1	1255.541	Tr=200 anni	60.14	142.33	142.86	144.92	0.096870	6.36	9.45	31.25	66.01	97.26
C.deC.Rutta	ReachM1	1255.541	Tr=500 anni	67.40	142.33	142.88	145.14	0.098033	6.66	10.12	31.51	65.85	97.36
C.deC.Rutta	ReachM1	1223.721	Tr=50 anni	49.40	139.38	140.17	142.12	0.066632	6.18	7.99	20.72	60.40	81.12
C.deC.Rutta	ReachM1	1223.721	Tr=100 anni	54.74	139.38	140.20	142.26	0.065067	6.36	8.60	20.98	60.24	81.22
C.deC.Rutta	ReachM1	1223.721	Tr=200 anni	60.14	139.38	140.23	142.42	0.064585	6.56	9.16	21.20	60.10	81.30
C.deC.Rutta	ReachM1	1223.721	Tr=500 anni	67.40	139.38	140.26	142.63	0.064407	6.82	9.88	21.52	59.88	81.41
C.deC.Rutta	ReachM1	1198.269	Tr=50 anni	49.40	137.66	138.40	140.31	0.075180	6.12	8.08	23.33	58.74	82.08
C.deC.Rutta	ReachM1	1198.269	Tr=100 anni	54.74	137.66	138.42	140.48	0.075770	6.35	8.62	23.71	58.44	82.15
C.deC.Rutta	ReachM1	1198.269	Tr=200 anni	60.14	137.66	138.45	140.64	0.076163	6.56	9.16	24.06	58.16	82.21
C.deC.Rutta	ReachM1	1198.269	Tr=500 anni	67.40	137.66	138.47	140.85	0.076098	6.83	9.87	24.36	57.92	82.28
C.deC.Rutta	ReachM1	1154.357	Tr=50 anni	52.43	135.19	135.88	137.35	0.056051	5.38	9.75	27.39	68.59	95.98
C.deC.Rutta	ReachM1	1154.357	Tr=100 anni	58.11	135.19	135.90	137.50	0.056342	5.60	10.38	27.56	68.48	96.05
C.deC.Rutta	ReachM1	1154.357	Tr=200 anni	63.84	135.19	135.92	137.64	0.056691	5.81	10.99	27.74	68.37	96.11
C.deC.Rutta	ReachM1	1154.357	Tr=500 anni	71.55	135.19	135.95	137.83	0.057263	6.08	11.77	28.00	68.22	96.22
C.deC.Rutta	ReachM1	1117.18	Tr=50 anni	52.43	131.99	132.90	134.87	0.077745	6.21	8.44	24.36	58.10	83.70
C.deC.Rutta	ReachM1	1117.18	Tr=100 anni	58.11	131.99	132.92	135.00	0.077941	6.39	9.10	25.26	58.03	83.80
C.deC.Rutta	ReachM1	1117.18	Tr=200 anni	63.84	131.99	132.95	135.14	0.077800	6.56	9.73	25.93	57.97	83.90
C.deC.Rutta	ReachM1	1117.18	Tr=500 anni	71.55	131.99	132.98	135.34	0.076380	6.81	10.51	26.13	57.88	84.02
C.deC.Rutta	ReachM1	1089.941	Tr=50 anni	52.43	129.98	130.64	132.72	0.079146	6.39	8.21	23.11	56.00	79.11
C.deC.Rutta	ReachM1	1089.941	Tr=100 anni	58.11	129.98	130.67	132.87	0.078152	6.57	8.84	23.65	55.91	79.56
C.deC.Rutta	ReachM1	1089.941	Tr=200 anni	63.84	129.98	130.69	133.02	0.077206	6.76	9.45	24.01	55.83	79.83
C.deC.Rutta	ReachM1	1089.941	Tr=500 anni	71.55	129.98	130.72	133.23	0.077056	7.02	10.19	24.39	55.73	80.12

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
C.deC.Rutta	ReachM1	1064.483	Tr=50 anni	52.43	128.41	129.06	130.97	0.057069	6.12	8.57	20.17	52.64	72.81
C.deC.Rutta	ReachM1	1064.483	Tr=100 anni	58.11	128.41	129.09	131.13	0.056900	6.33	9.18	20.46	52.54	72.99
C.deC.Rutta	ReachM1	1064.483	Tr=200 anni	63.84	128.41	129.12	131.29	0.056880	6.53	9.77	20.75	52.44	73.19
C.deC.Rutta	ReachM1	1064.483	Tr=500 anni	71.55	128.41	129.16	131.51	0.056980	6.79	10.53	21.13	52.32	73.45
C.deC.Rutta	ReachM1	1037.182	Tr=50 anni	52.43	126.80	127.56	129.54	0.047643	6.23	8.41	16.66	52.82	69.48
C.deC.Rutta	ReachM1	1037.182	Tr=100 anni	58.11	126.80	127.60	129.71	0.047482	6.44	9.02	16.96	52.72	69.67
C.deC.Rutta	ReachM1	1037.182	Tr=200 anni	63.84	126.80	127.63	129.87	0.047468	6.63	9.63	17.32	52.61	69.94
C.deC.Rutta	ReachM1	1037.182	Tr=500 anni	71.55	126.80	127.68	130.08	0.048046	6.86	10.42	17.97	52.48	70.44
C.deC.Rutta	ReachM1	1012.022	Tr=50 anni	52.43	124.98	125.56	128.00	0.076635	6.92	7.58	18.47	54.45	72.93
C.deC.Rutta	ReachM1	1012.022	Tr=100 anni	58.11	124.98	125.59	128.18	0.075372	7.13	8.15	18.74	54.28	73.02
C.deC.Rutta	ReachM1	1012.022	Tr=200 anni	63.84	124.98	125.62	128.35	0.074041	7.32	8.72	19.01	54.10	73.11
C.deC.Rutta	ReachM1	1012.022	Tr=500 anni	71.55	124.98	125.66	128.56	0.072166	7.55	9.48	19.35	53.87	73.22
C.deC.Rutta	ReachM1	988.0035	Tr=50 anni	52.43	123.14	123.91	126.26	0.066378	6.78	7.73	17.35	53.45	70.80
C.deC.Rutta	ReachM1	988.0035	Tr=100 anni	58.11	123.14	123.94	126.46	0.066085	7.04	8.26	17.49	53.38	70.87
C.deC.Rutta	ReachM1	988.0035	Tr=200 anni	63.84	123.14	123.97	126.66	0.065712	7.27	8.78	17.63	53.30	70.93
C.deC.Rutta	ReachM1	988.0035	Tr=500 anni	71.55	123.14	124.01	126.92	0.065066	7.55	9.48	17.81	53.21	71.02
C.deC.Rutta	ReachM1	964.2627	Tr=50 anni	52.43	121.84	122.77	124.88	0.046396	6.45	8.13	14.94	49.31	64.25
C.deC.Rutta	ReachM1	964.2627	Tr=100 anni	58.11	121.84	122.80	125.09	0.046706	6.70	8.68	15.14	49.17	64.30
C.deC.Rutta	ReachM1	964.2627	Tr=200 anni	63.84	121.84	122.84	125.28	0.047015	6.93	9.22	15.35	49.03	64.38
C.deC.Rutta	ReachM1	964.2627	Tr=500 anni	71.55	121.84	122.88	125.53	0.047359	7.21	9.92	15.63	48.85	64.47
C.deC.Rutta	ReachM1	934.3857	Tr=50 anni	52.43	119.46	120.43	123.00	0.085921	7.10	7.38	18.57	39.32	58.30
C.deC.Rutta	ReachM1	934.3857	Tr=100 anni	58.11	119.46	120.45	123.19	0.086253	7.33	7.93	19.11	39.27	58.38
C.deC.Rutta	ReachM1	934.3857	Tr=200 anni	63.84	119.46	120.48	123.39	0.085013	7.55	8.45	19.23	39.22	58.46
C.deC.Rutta	ReachM1	934.3857	Tr=500 anni	71.55	119.46	120.52	123.64	0.083447	7.83	9.13	19.39	39.17	58.56
C.deC.Rutta	ReachM1	902.3701	Tr=50 anni	52.43	117.15	117.93	120.53	0.069120	7.15	7.33	15.68	45.75	61.43
C.deC.Rutta	ReachM1	902.3701	Tr=100 anni	58.11	117.15	117.96	120.74	0.068176	7.38	7.87	15.88	45.66	61.54
C.deC.Rutta	ReachM1	902.3701	Tr=200 anni	63.84	117.15	117.99	120.95	0.068070	7.62	8.37	16.07	45.57	61.64
C.deC.Rutta	ReachM1	902.3701	Tr=500 anni	71.55	117.15	118.03	121.23	0.067865	7.92	9.03	16.30	45.46	61.76
C.deC.Rutta	ReachM1	865.2994	Tr=50 anni	52.43	115.17	116.22	118.61	0.038107	6.84	7.66	10.92	57.15	68.07
C.deC.Rutta	ReachM1	865.2994	Tr=100 anni	58.11	115.17	116.27	118.82	0.038182	7.07	8.22	11.17	57.01	68.18
C.deC.Rutta	ReachM1	865.2994	Tr=200 anni	63.84	115.17	116.32	119.02	0.038324	7.28	8.76	11.40	56.88	68.29
C.deC.Rutta	ReachM1	865.2994	Tr=500 anni	71.55	115.17	116.38	119.29	0.038529	7.55	9.47	11.70	56.72	68.42
C.deC.Rutta	ReachM1	839.9879	Tr=50 anni	52.43	113.58	114.63	117.43	0.053919	7.40	7.08	11.78	56.00	67.78
C.deC.Rutta	ReachM1	839.9879	Tr=100 anni	58.11	113.58	114.68	117.62	0.055307	7.60	7.65	12.46	55.42	67.89
C.deC.Rutta	ReachM1	839.9879	Tr=200 anni	63.84	113.58	114.72	117.83	0.055265	7.81	8.18	12.80	55.16	67.96
C.deC.Rutta	ReachM1	839.9879	Tr=500 anni	71.55	113.58	114.78	118.09	0.055165	8.06	8.87	13.19	54.85	68.04
C.deC.Rutta	ReachM1	815.5624	Tr=50 anni	52.43	112.90	113.54	115.82	0.065953	6.69	7.84	17.95	50.24	68.19
C.deC.Rutta	ReachM1	815.5624	Tr=100 anni	58.11	112.90	113.58	116.00	0.065280	6.90	8.42	18.23	50.04	68.27
C.deC.Rutta	ReachM1	815.5624	Tr=200 anni	63.84	112.90	113.60	116.21	0.065911	7.15	8.93	18.47	49.87	68.34
C.deC.Rutta	ReachM1	815.5624	Tr=500 anni	71.55	112.90	113.64	116.47	0.066453	7.45	9.60	18.79	49.64	68.43
C.deC.Rutta	ReachM1	781.6127	Tr=50 anni	52.43	110.69	111.43	113.15	0.082943	5.80	9.03	30.42	38.04	68.46
C.deC.Rutta	ReachM1	781.6127	Tr=100 anni	58.11	110.69	111.45	113.33	0.084416	6.07	9.58	30.58	37.94	68.52
C.deC.Rutta	ReachM1	781.6127	Tr=200 anni	63.84	110.69	111.47	113.50	0.085424	6.31	10.12	30.73	37.84	68.57
C.deC.Rutta	ReachM1	781.6127	Tr=500 anni	71.55	110.69	111.49	113.72	0.086716	6.62	10.82	30.94	37.71	68.65
C.deC.Rutta	ReachM1	765.8819	Tr=50 anni	52.43	109.81	110.46	111.96	0.062210	5.42	9.67	29.01	49.25	78.25
C.deC.Rutta	ReachM1	765.8819	Tr=100 anni	58.11	109.81	110.48	112.11	0.062947	5.65	10.28	29.20	49.17	78.37
C.deC.Rutta	ReachM1	765.8819	Tr=200 anni	63.84	109.81	110.50	112.26	0.063539	5.87	10.87	29.39	49.09	78.49
C.deC.Rutta	ReachM1	765.8819	Tr=500 anni	71.55	109.81	110.53	112.46	0.064556	6.16	11.62	29.63	49.00	78.63
C.deC.Rutta	ReachM1	740.7733	Tr=50 anni	52.43	108.34	109.02	110.69	0.041389	5.73	9.16	18.64	58.51	77.15
C.deC.Rutta	ReachM1	740.7733	Tr=100 anni	58.11	108.34	109.05	110.83	0.041154	5.91	9.82	18.96	58.28	77.24
C.deC.Rutta	ReachM1	740.7733	Tr=200 anni	63.84	108.34	109.08	110.98	0.041057	6.10	10.46	19.24	58.09	77.33
C.deC.Rutta	ReachM1	740.7733	Tr=500 anni	71.55	108.34	109.13	111.17	0.041303	6.33	11.30	19.74	57.71	77.45
C.deC.Rutta	ReachM1	714.5826	Tr=50 anni	52.43	106.80	107.65	109.64	0.036194	6.26	8.38	13.37	61.61	74.98
C.deC.Rutta	ReachM1	714.5826	Tr=100 anni	58.11	106.80	107.70	109.80	0.035728	6.42	9.05	13.75	61.43	75.19
C.deC.Rutta	ReachM1	714.5826	Tr=200 anni	63.84	106.80	107.75	109.91	0.038440	6.52	9.79	15.39	58.88	75.40
C.deC.Rutta	ReachM1	714.5826	Tr=500 anni	71.55	106.80	107.81	110.08	0.040085	6.68	10.71	16.73	58.33	75.58
C.deC.Rutta	ReachM1	677.1665	Tr=50 anni	52.43	104.83	105.77	108.14	0.042826	6.82	7.69	12.15	54.22	66.37
C.deC.Rutta	ReachM1	677.1665	Tr=100 anni	58.11	104.83	105.82	108.31	0.041839	7.00	8.30	12.37	54.07	66.44
C.deC.Rutta	ReachM1	677.1665	Tr=200 anni	63.84	104.83	105.88	108.42	0.039230	7.07	9.03	12.63	53.89	66.52
C.deC.Rutta	ReachM1	677.1665	Tr=500 anni	71.55	104.83	105.95	108.59	0.037282	7.21	9.92	12.93	53.69	66.62
C.deC.Rutta	ReachM1	643.6356	Tr=50 anni	52.43	102.48	103.08	106.03	0.094047	7.61	6.89	17.01	30.94	47.95
C.deC.Rutta	ReachM1	643.6356	Tr=100 anni	58.11	102.48	103.11	106.24	0.093468	7.83	7.42	17.43	30.79	48.23
C.deC.Rutta	ReachM1	643.6356	Tr=200 anni	63.84	102.48	103.14	106.43	0.091521	8.03	7.95	17.72	30.64	48.37
C.deC.Rutta	ReachM1	643.6356	Tr=500 anni	71.55	102.48	103.18	106.67	0.089291	8.27	8.65	18.09	30.45	48.55
C.deC.Rutta	ReachM1	607.6415	Tr=50 anni	52.43	100.67	101.35	103.47	0.046741	6.46	8.12	15.02	48.27	63.29
C.deC.Rutta	ReachM1	607.6415	Tr=100 anni	58.11	100.67	101.38	103.67	0.047044	6.70	8.67	15.22	48.12	63.34
C.deC.Rutta	ReachM1	607.6415	Tr=200 anni	63.84	100.67	101.42	103.87	0.047446	6.94	9.20	15.41	47.98	63.39
C.deC.Rutta	ReachM1	607.6415	Tr=500 anni	71.55	100.67	101.46	104.12	0.047955	7.23	9.90	15.73	47.73	63.46
C.deC.Rutta	ReachM1	563.5767	Tr=50 anni	52.43	98.26	99.12	101.43	0.045200	6.72	7.80	13.21	37.76	50.97
C.deC.Rutta	ReachM1	563.5767	Tr=100 anni	58.11	98.26	99.17	101.62	0.045303	6.94	8.37	13.53	37.64	51.17
C.deC.Rutta	ReachM1	563.5767	Tr=200 anni	63.84	98.26	99.21	101.81	0.045444	7.15	8.93	13.84	37.53	51.37
C.deC.Rutta	ReachM1	563.5767	Tr=500 anni	71.55	98.26	99.26	102.05	0.045607	7.40	9.67	14.26	37.38	51.64
C.deC.Rutta	ReachM1	518.5042	Tr=50 anni	52.43	95.63	96.71	99.30	0.048148	7.13	7.35	11.90	45.84	57.74

HEC-RAS Plan: n_mod (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
C.deC.Rutta	ReachM1	518.5042	Tr=100 anni	58.11	95.63	96.75	99.50	0.047651	7.34	7.92	12.15	45.70	57.85
C.deC.Rutta	ReachM1	518.5042	Tr=200 anni	63.84	95.63	96.80	99.69	0.047251	7.54	8.47	12.41	45.57	57.97
C.deC.Rutta	ReachM1	518.5042	Tr=500 anni	71.55	95.63	96.86	99.93	0.046941	7.77	9.21	12.81	45.39	58.20
C.deC.Rutta	ReachM1	483.0109	Tr=50 anni	52.43	93.26	94.32	97.51	0.049292	7.91	6.63	9.10	38.24	47.33
C.deC.Rutta	ReachM1	483.0109	Tr=100 anni	58.11	93.26	94.38	97.74	0.048424	8.11	7.16	9.31	38.16	47.47
C.deC.Rutta	ReachM1	483.0109	Tr=200 anni	63.84	93.26	94.44	97.94	0.047842	8.29	7.70	9.57	38.09	47.66
C.deC.Rutta	ReachM1	483.0109	Tr=500 anni	71.55	93.26	94.51	98.20	0.047356	8.51	8.41	9.98	37.99	47.97
C.deC.Rutta	ReachM1	456.5059	Tr=50 anni	52.43	91.63	92.70	96.15	0.051353	8.22	6.38	8.54	48.29	56.83
C.deC.Rutta	ReachM1	456.5059	Tr=100 anni	58.11	91.63	92.76	96.39	0.050912	8.44	6.88	8.79	48.17	56.96
C.deC.Rutta	ReachM1	456.5059	Tr=200 anni	63.84	91.63	92.82	96.60	0.051676	8.61	7.41	9.30	48.05	57.35
C.deC.Rutta	ReachM1	456.5059	Tr=500 anni	71.55	91.63	92.89	96.85	0.052512	8.81	8.12	9.97	47.90	57.87
C.deC.Rutta	ReachM1	432.444	Tr=50 anni	52.43	90.24	91.46	94.87	0.054157	8.18	6.41	9.02	62.09	71.11
C.deC.Rutta	ReachM1	432.444	Tr=100 anni	58.11	90.24	91.51	95.13	0.054206	8.42	6.90	9.30	61.97	71.27
C.deC.Rutta	ReachM1	432.444	Tr=200 anni	63.84	90.24	91.57	95.33	0.053493	8.59	7.43	9.61	61.82	71.44
C.deC.Rutta	ReachM1	432.444	Tr=500 anni	71.55	90.24	91.64	95.59	0.052378	8.80	8.13	9.97	61.64	71.61
C.deC.Rutta	ReachM1	405.9373	Tr=50 anni	52.43	88.94	89.93	93.33	0.062204	8.17	6.41	10.21	58.60	68.81
C.deC.Rutta	ReachM1	405.9373	Tr=100 anni	58.11	88.94	89.97	93.59	0.062141	8.42	6.90	10.48	58.47	68.95
C.deC.Rutta	ReachM1	405.9373	Tr=200 anni	63.84	88.94	90.02	93.81	0.061306	8.63	7.40	10.74	58.33	69.07
C.deC.Rutta	ReachM1	405.9373	Tr=500 anni	71.55	88.94	90.08	94.10	0.060190	8.88	8.06	11.03	58.19	69.22
C.deC.Rutta	ReachM1	384.5052	Tr=50 anni	52.43	87.91	89.08	91.88	0.056768	7.42	7.07	12.15	52.01	65.46
C.deC.Rutta	ReachM1	384.5052	Tr=100 anni	58.11	87.91	89.12	92.09	0.059691	7.64	7.61	13.01	51.74	65.70
C.deC.Rutta	ReachM1	384.5052	Tr=200 anni	63.84	87.91	89.16	92.29	0.062322	7.84	8.14	13.84	51.50	65.93
C.deC.Rutta	ReachM1	384.5052	Tr=500 anni	71.55	87.91	89.21	92.53	0.066536	8.08	8.85	15.12	51.09	66.21
C.deC.Rutta	ReachM1	357.2093	Tr=50 anni	52.43	86.25	86.99	90.07	0.075869	7.77	6.74	13.62	41.38	55.00
C.deC.Rutta	ReachM1	357.2093	Tr=100 anni	58.11	86.25	87.03	90.26	0.073330	7.96	7.30	13.85	41.27	55.12
C.deC.Rutta	ReachM1	357.2093	Tr=200 anni	63.84	86.25	87.07	90.45	0.071109	8.14	7.84	14.06	41.16	55.22
C.deC.Rutta	ReachM1	357.2093	Tr=500 anni	71.55	86.25	87.12	90.67	0.068207	8.35	8.57	14.33	41.02	55.36
C.deC.Rutta	ReachM1	327.8448	Tr=50 anni	52.43	84.34	85.21	88.05	0.058720	7.46	7.03	12.41	55.90	68.31
C.deC.Rutta	ReachM1	327.8448	Tr=100 anni	58.11	84.34	85.25	88.28	0.058796	7.71	7.54	12.67	55.81	68.48
C.deC.Rutta	ReachM1	327.8448	Tr=200 anni	63.84	84.34	85.29	88.51	0.058719	7.94	8.04	12.89	55.72	68.62
C.deC.Rutta	ReachM1	327.8448	Tr=500 anni	71.55	84.34	85.34	88.79	0.058436	8.23	8.70	13.17	55.61	68.78
C.deC.Rutta	ReachM1	301.7343	Tr=50 anni	52.43	82.77	84.03	86.71	0.042172	7.26	7.22	10.16	53.66	63.82
C.deC.Rutta	ReachM1	301.7343	Tr=100 anni	58.11	82.77	84.08	86.92	0.043009	7.46	7.79	10.66	53.29	63.95
C.deC.Rutta	ReachM1	301.7343	Tr=200 anni	63.84	82.77	84.13	87.13	0.043683	7.67	8.33	11.08	53.00	64.08
C.deC.Rutta	ReachM1	301.7343	Tr=500 anni	71.55	82.77	84.19	87.40	0.044202	7.93	9.02	11.50	52.78	64.28
C.deC.Rutta	ReachM1	277.6253	Tr=50 anni	52.43	81.00	82.58	85.61	0.046543	7.72	6.79	9.06	138.01	147.07
C.deC.Rutta	ReachM1	277.6253	Tr=100 anni	58.11	81.00	82.64	85.81	0.046086	7.89	7.36	9.42	137.73	147.15
C.deC.Rutta	ReachM1	277.6253	Tr=200 anni	63.84	81.00	82.69	86.02	0.045546	8.08	7.90	9.67	137.56	147.23
C.deC.Rutta	ReachM1	277.6253	Tr=500 anni	71.55	81.00	82.76	86.29	0.045113	8.32	8.60	9.99	137.34	147.33
C.deC.Rutta	ReachM1	251.4952	Tr=50 anni	52.43	79.96	80.95	84.18	0.062982	7.97	6.58	10.99	84.50	95.50
C.deC.Rutta	ReachM1	251.4952	Tr=100 anni	58.11	79.96	81.00	84.40	0.061548	8.18	7.11	11.21	84.38	95.59
C.deC.Rutta	ReachM1	251.4952	Tr=200 anni	63.84	79.96	81.04	84.63	0.060536	8.39	7.61	11.39	84.30	95.69
C.deC.Rutta	ReachM1	251.4952	Tr=500 anni	71.55	79.96	81.10	84.92	0.059410	8.66	8.27	11.62	84.19	95.81
C.deC.Rutta	ReachM1	226.3558	Tr=50 anni	52.43	78.33	79.33	82.69	0.055329	8.12	6.46	9.37	62.40	71.77
C.deC.Rutta	ReachM1	226.3558	Tr=100 anni	58.11	78.33	79.38	82.93	0.054686	8.34	6.96	9.59	62.31	71.90
C.deC.Rutta	ReachM1	226.3558	Tr=200 anni	63.84	78.33	79.44	83.17	0.054280	8.57	7.45	9.80	62.22	72.03
C.deC.Rutta	ReachM1	226.3558	Tr=500 anni	71.55	78.33	79.50	83.48	0.053804	8.84	8.09	10.07	62.11	72.19
C.deC.Rutta	ReachM1	201.5592	Tr=50 anni	52.43	77.17	78.09	81.19	0.059651	7.79	6.73	11.21	49.16	60.37
C.deC.Rutta	ReachM1	201.5592	Tr=100 anni	58.11	77.17	78.13	81.44	0.059744	8.06	7.21	11.42	49.05	60.47
C.deC.Rutta	ReachM1	201.5592	Tr=200 anni	63.84	77.17	78.17	81.70	0.059841	8.31	7.68	11.62	48.95	60.57
C.deC.Rutta	ReachM1	201.5592	Tr=500 anni	71.55	77.17	78.23	82.01	0.059923	8.62	8.30	11.88	48.82	60.70
C.deC.Rutta	ReachM1	175.479	Tr=50 anni	52.43	76.09	76.84	79.42	0.063890	7.12	7.36	14.89	51.98	66.87
C.deC.Rutta	ReachM1	175.479	Tr=100 anni	58.11	76.09	76.87	79.67	0.064461	7.42	7.83	14.98	51.94	66.91
C.deC.Rutta	ReachM1	175.479	Tr=200 anni	63.84	76.09	76.90	79.92	0.064913	7.70	8.29	15.07	51.89	66.95
C.deC.Rutta	ReachM1	175.479	Tr=500 anni	71.55	76.09	76.94	80.24	0.065320	8.04	8.89	15.18	51.83	67.01
C.deC.Rutta	ReachM1	151.4044	Tr=50 anni	52.43	74.55	75.52	78.13	0.045921	7.15	7.33	11.37	89.80	101.18
C.deC.Rutta	ReachM1	151.4044	Tr=100 anni	58.11	74.55	75.56	78.36	0.046514	7.42	7.83	11.62	89.70	101.32
C.deC.Rutta	ReachM1	151.4044	Tr=200 anni	63.84	74.55	75.60	78.59	0.046887	7.66	8.34	11.85	89.61	101.46
C.deC.Rutta	ReachM1	151.4044	Tr=500 anni	71.55	74.55	75.66	78.89	0.047387	7.96	8.99	12.14	89.50	101.64
C.deC.Rutta	ReachM1	125.1065	Tr=50 anni	52.43	73.44	74.33	76.92	0.045024	7.13	7.35	11.16	51.71	62.87
C.deC.Rutta	ReachM1	125.1065	Tr=100 anni	58.11	73.44	74.38	77.15	0.044918	7.38	7.87	11.31	51.62	62.93
C.deC.Rutta	ReachM1	125.1065	Tr=200 anni	63.84	73.44	74.42	77.38	0.044870	7.62	8.38	11.46	51.53	62.99
C.deC.Rutta	ReachM1	125.1065	Tr=500 anni	71.55	73.44	74.48	77.66	0.044730	7.90	9.05	11.66	51.40	63.06
C.deC.Rutta	ReachM1	99.97826	Tr=50 anni	52.43	72.30	73.40	75.85	0.037929	6.93	7.56	10.57	51.16	61.73
C.deC.Rutta	ReachM1	99.97826	Tr=100 anni	58.11	72.30	73.45	76.07	0.038352	7.17	8.10	10.85	51.02	61.87
C.deC.Rutta	ReachM1	99.97826	Tr=200 anni	63.84	72.30	73.50	76.28	0.038836	7.39	8.63	11.14	50.85	61.99
C.deC.Rutta	ReachM1	99.97826	Tr=500 anni	71.55	72.30	73.56	76.55	0.039494	7.67	9.33	11.53	50.61	62.14
C.deC.Rutta	ReachM1	74.73406	Tr=50 anni	52.43	71.21	72.56	74.88	0.035377	6.75	7.77	10.63	54.77	65.40
C.deC.Rutta	ReachM1	74.73406	Tr=100 anni	58.11	71.21	72.62	75.10	0.035555	6.98	8.33	10.86	54.63	65.49
C.deC.Rutta	ReachM1	74.73406	Tr=200 anni	63.84	71.21	72.67	75.30	0.035665	7.19	8.88	11.09	54.49	65.58
C.deC.Rutta	ReachM1	74.73406	Tr=500 anni	71.55	71.21	72.73	75.56	0.035767	7.45	9.61	11.38	54.30	65.69
C.deC.Rutta	ReachM1	34.70575	Tr=50 anni	52.43	70.15	71.08	73.15	0.049138	6.37	8.23	16.24	71.49	87.73
C.deC.Rutta	ReachM1	34.70575	Tr=100 anni	58.11	70.15	71.12	73.33	0.050516	6.59	8.82	16.86	71.31	88.17

HEC-RAS Plan: n_mod (Continued)

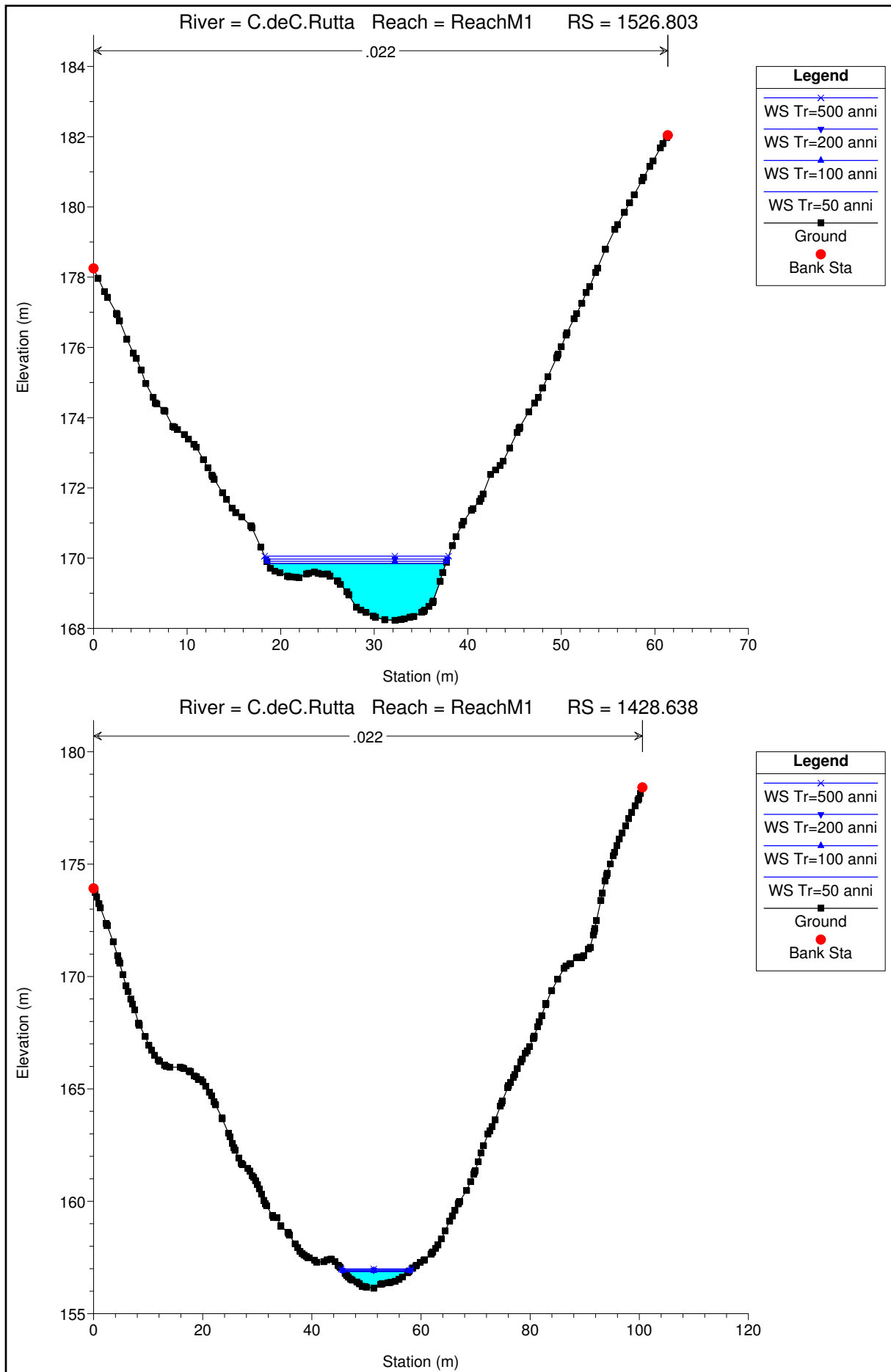
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
				(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
C.deC.Rutta	ReachM1	34.70575	Tr=200 anni	63.84	70.15	71.15	73.52	0.051305	6.82	9.36	17.20	71.23	88.43
C.deC.Rutta	ReachM1	34.70575	Tr=500 anni	71.55	70.15	71.19	73.77	0.052305	7.11	10.07	17.62	71.14	88.76
2-SN1	ReachM1	690.1594	Tr=50 anni	0.08	41.43	41.53	41.56	0.006665	0.72	0.11	2.10	63.42	65.52
2-SN1	ReachM1	690.1594	Tr=100 anni	0.09	41.43	41.54	41.57	0.006549	0.74	0.12	2.18	63.36	65.55
2-SN1	ReachM1	690.1594	Tr=200 anni	0.10	41.43	41.54	41.57	0.006453	0.75	0.13	2.26	63.32	65.58
2-SN1	ReachM1	690.1594	Tr=500 anni	0.11	41.43	41.55	41.58	0.006602	0.78	0.14	2.32	63.28	65.60
2-SN1	ReachM1	650.1379	Tr=50 anni	0.08	37.97	38.48	38.48	0.000000	0.01	8.54	20.77	58.21	78.99
2-SN1	ReachM1	650.1379	Tr=100 anni	0.09	37.97	38.49	38.49	0.000000	0.01	8.71	20.83	58.18	79.01
2-SN1	ReachM1	650.1379	Tr=200 anni	0.10	37.97	38.49	38.49	0.000000	0.01	8.88	20.89	58.14	79.03
2-SN1	ReachM1	650.1379	Tr=500 anni	0.11	37.97	38.51	38.51	0.000000	0.01	9.10	20.96	58.09	79.06
2-SN1	ReachM1	555.9333	Tr=50 anni	0.15	34.24	38.48	38.48	0.000000	0.00	227.42	66.57	5.08	71.65
2-SN1	ReachM1	555.9333	Tr=100 anni	0.17	34.24	38.49	38.49	0.000000	0.00	227.96	66.64	5.06	71.70
2-SN1	ReachM1	555.9333	Tr=200 anni	0.18	34.24	38.49	38.49	0.000000	0.00	228.51	66.75	5.03	71.78
2-SN1	ReachM1	555.9333	Tr=500 anni	0.21	34.24	38.51	38.51	0.000000	0.00	229.21	66.90	5.00	71.90
2-SN1	ReachM1	513.6552	Tr=50 anni	2.09	38.14	38.44	38.47	0.005991	0.87	2.40	31.37	18.11	77.61
2-SN1	ReachM1	513.6552	Tr=100 anni	2.31	38.14	38.44	38.48	0.005729	0.89	2.59	31.64	18.03	77.62
2-SN1	ReachM1	513.6552	Tr=200 anni	2.54	38.14	38.45	38.49	0.005566	0.92	2.78	31.80	17.92	77.63
2-SN1	ReachM1	513.6552	Tr=500 anni	2.85	38.14	38.46	38.50	0.005219	0.93	3.05	32.36	16.56	77.65
2-SN1	ReachM1	501.5057	Tr=50 anni	2.09	38.04	38.26	38.37	0.011049	1.48	1.41	13.18	8.47	78.10
2-SN1	ReachM1	501.5057	Tr=100 anni	2.31	38.04	38.27	38.38	0.011046	1.46	1.59	15.19	8.34	78.29
2-SN1	ReachM1	501.5057	Tr=200 anni	2.54	38.04	38.28	38.39	0.010670	1.45	1.75	16.32	8.10	78.46
2-SN1	ReachM1	501.5057	Tr=500 anni	2.85	38.04	38.29	38.40	0.011934	1.47	1.94	19.43	0.34	78.62
2-SN1	ReachM1	474.851	Tr=50 anni	2.09	36.38	36.48	37.52	0.178679	4.52	0.46	6.54	108.44	114.97
2-SN1	ReachM1	474.851	Tr=100 anni	2.31	36.38	36.49	37.54	0.164139	4.55	0.51	6.67	108.34	115.01
2-SN1	ReachM1	474.851	Tr=200 anni	2.54	36.38	36.50	37.58	0.155109	4.61	0.55	6.79	108.25	115.04
2-SN1	ReachM1	474.851	Tr=500 anni	2.85	36.38	36.51	37.56	0.131818	4.54	0.63	6.99	108.10	115.09
2-SN1	ReachM1	449.8515	Tr=50 anni	2.09	36.07	36.25	36.36	0.014597	1.42	1.47	18.00	49.75	67.76
2-SN1	ReachM1	449.8515	Tr=100 anni	2.31	36.07	36.26	36.37	0.015140	1.48	1.56	18.40	49.70	68.10
2-SN1	ReachM1	449.8515	Tr=200 anni	2.54	36.07	36.26	36.39	0.015760	1.55	1.64	18.60	49.65	68.25
2-SN1	ReachM1	449.8515	Tr=500 anni	2.85	36.07	36.27	36.40	0.015997	1.62	1.76	18.84	49.57	68.42
2-SN1	ReachM1	425.1486	Tr=50 anni	2.09	35.07	35.17	35.57	0.103596	2.78	0.75	14.59	50.31	68.47
2-SN1	ReachM1	425.1486	Tr=100 anni	2.31	35.07	35.18	35.58	0.095489	2.81	0.82	14.86	50.25	68.59
2-SN1	ReachM1	425.1486	Tr=200 anni	2.54	35.07	35.18	35.59	0.088392	2.83	0.90	15.15	50.19	68.71
2-SN1	ReachM1	425.1486	Tr=500 anni	2.85	35.07	35.19	35.61	0.083619	2.88	0.99	15.52	50.12	68.85
2-SN1	ReachM1	400.1501	Tr=50 anni	2.09	33.85	33.99	34.18	0.031974	1.96	1.07	14.59	63.63	78.22
2-SN1	ReachM1	400.1501	Tr=100 anni	2.31	33.85	33.99	34.21	0.033182	2.06	1.12	14.65	63.60	78.25
2-SN1	ReachM1	400.1501	Tr=200 anni	2.54	33.85	34.00	34.23	0.034378	2.15	1.18	14.70	63.58	78.27
2-SN1	ReachM1	400.1501	Tr=500 anni	2.85	33.85	34.00	34.26	0.035374	2.27	1.25	14.77	63.54	78.30
2-SN1	ReachM1	374.7484	Tr=50 anni	2.09	30.59	30.66	32.05	0.435286	5.22	0.40	8.86	136.83	148.02
2-SN1	ReachM1	374.7484	Tr=100 anni	2.31	30.59	30.67	32.05	0.405854	5.21	0.44	9.35	136.80	148.34
2-SN1	ReachM1	374.7484	Tr=200 anni	2.54	30.59	30.67	32.05	0.384435	5.20	0.49	9.94	136.77	148.59
2-SN1	ReachM1	374.7484	Tr=500 anni	2.85	30.59	30.68	32.06	0.365266	5.21	0.55	10.67	136.74	148.87
2-SN1	ReachM1	330.1084	Tr=50 anni	2.62	28.68	28.89	29.16	0.025170	2.31	1.13	10.06	158.57	168.63
2-SN1	ReachM1	330.1084	Tr=100 anni	2.90	28.68	28.90	29.19	0.025260	2.39	1.21	10.21	158.45	168.66
2-SN1	ReachM1	330.1084	Tr=200 anni	3.19	28.68	28.91	29.22	0.025298	2.46	1.30	10.52	158.32	168.84
2-SN1	ReachM1	330.1084	Tr=500 anni	3.57	28.68	28.92	29.25	0.025399	2.54	1.41	10.92	158.13	169.05
2-SN1	ReachM1	275.0415	Tr=50 anni	2.62	26.83	27.02	27.42	0.040171	2.83	0.93	8.59	85.57	94.17
2-SN1	ReachM1	275.0415	Tr=100 anni	2.90	26.83	27.02	27.45	0.039806	2.91	1.00	8.82	85.54	94.37
2-SN1	ReachM1	275.0415	Tr=200 anni	3.19	26.83	27.03	27.48	0.039384	2.98	1.07	9.05	85.51	94.56
2-SN1	ReachM1	275.0415	Tr=500 anni	3.57	26.83	27.04	27.51	0.039419	3.03	1.18	9.70	85.46	96.73
2-SN1	ReachM1	250.0413	Tr=50 anni	2.62	26.38	26.56	26.77	0.015519	2.04	1.28	9.50	80.68	90.18
2-SN1	ReachM1	250.0413	Tr=100 anni	2.90	26.38	26.57	26.80	0.015749	2.13	1.36	9.63	80.61	90.24
2-SN1	ReachM1	250.0413	Tr=200 anni	3.19	26.38	26.58	26.83	0.015995	2.21	1.45	9.78	80.54	90.32
2-SN1	ReachM1	250.0413	Tr=500 anni	3.57	26.38	26.59	26.86	0.015950	2.29	1.56	9.98	80.44	90.42
2-SN1	ReachM1	217.834	Tr=50 anni	2.62	25.79	26.00	26.22	0.019529	2.05	1.28	11.24	109.60	125.47
2-SN1	ReachM1	217.834	Tr=100 anni	2.90	25.79	26.01	26.24	0.019508	2.11	1.37	11.47	109.55	125.52
2-SN1	ReachM1	217.834	Tr=200 anni	3.19	25.79	26.02	26.26	0.019404	2.17	1.47	11.71	109.49	125.58
2-SN1	ReachM1	217.834	Tr=500 anni	3.57	25.79	26.03	26.29	0.019571	2.26	1.58	12.00	109.43	125.65
2-SN1	ReachM1	200.1075	Tr=50 anni	2.62	25.66	25.93	26.05	0.007062	1.53	1.71	10.78	61.43	77.60
2-SN1	ReachM1	200.1075	Tr=100 anni	2.90	25.66	25.96	26.07	0.005821	1.47	1.97	11.43	61.31	77.79
2-SN1	ReachM1	200.1075	Tr=200 anni	3.19	25.66	25.98	26.08	0.005991	1.41	2.26	14.29	61.19	80.29
2-SN1	ReachM1	200.1075	Tr=500 anni	3.57	25.66	26.00	26.10	0.005164	1.36	2.62	15.56	61.07	80.98
2-SN1	ReachM1	174.5868	Tr=50 anni	2.62	24.93	25.07	25.55	0.112411	3.08	0.85	15.11	19.43	38.34
2-SN1	ReachM1	174.5868	Tr=100 anni	2.90	24.93	25.07	25.62	0.122844	3.28	0.88	15.23	19.41	38.38
2-SN1	ReachM1	174.5868	Tr=200 anni	3.19	24.93	25.08	25.63	0.112260	3.29	0.97	15.52	19.36	38.48
2-SN1	ReachM1	174.5868	Tr=500 anni	3.57	24.93	25.08	25.69	0.114478	3.44	1.04	15.82	19.32	38.63
2-SN1	ReachM1	150.0408	Tr=50 anni	2.62	24.56	24.78	24.87	0.009696	1.26	2.08	22.35	17.96	74.86
2-SN1	ReachM1	150.0408	Tr=100 anni	2.90	24.56	24.79	24.88	0.010254	1.31	2.21	23.41	17.87	74.90
2-SN1	ReachM1	150.0408	Tr=200 anni	3.19	24.56	24.80	24.89	0.010458	1.36	2.34	23.85	17.78	74.94
2-SN1	ReachM1	150.0408	Tr=500 anni	3.57	24.56	24.80	24.91	0.011040	1.43	2.49	24.36	17.68	74.99
2-SN1	ReachM1	121.4604	Tr=50 anni	2.77	23.97	24.36	24.50	0.017067	1.63	1.70	18.95	26.13	111.18
2-SN1	ReachM1	121.4604	Tr=100 anni	3.07	23.97	24.37	24.50	0.016546	1.60	1.92	21.33	26.10	111.22
2-SN1	ReachM1	121.4604	Tr=200 anni	3.37	23.97	24.38	24.51	0.016498	1.61	2.09	23.06	26.08	111.26

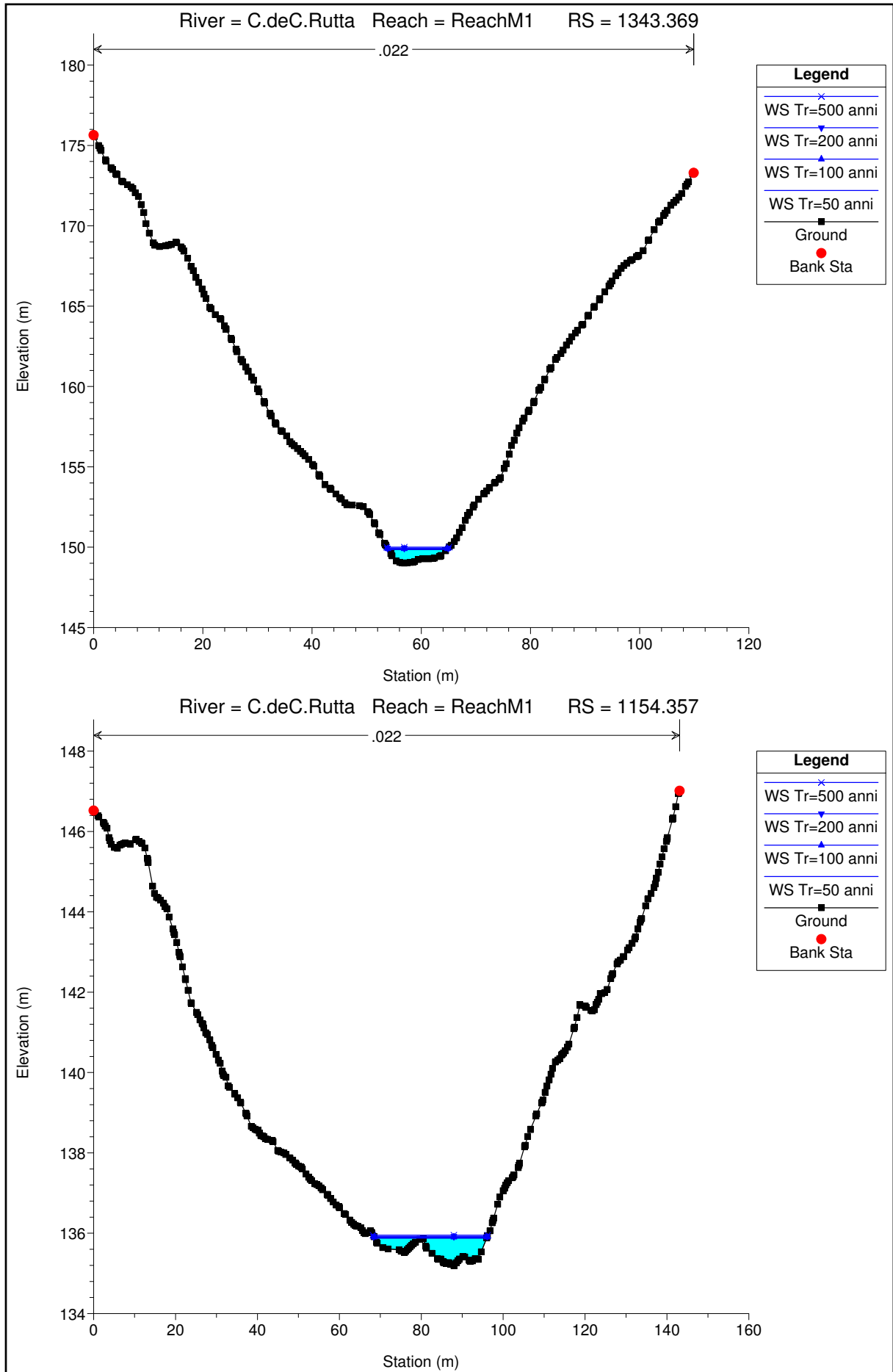
HEC-RAS Plan: n_mod (Continued)

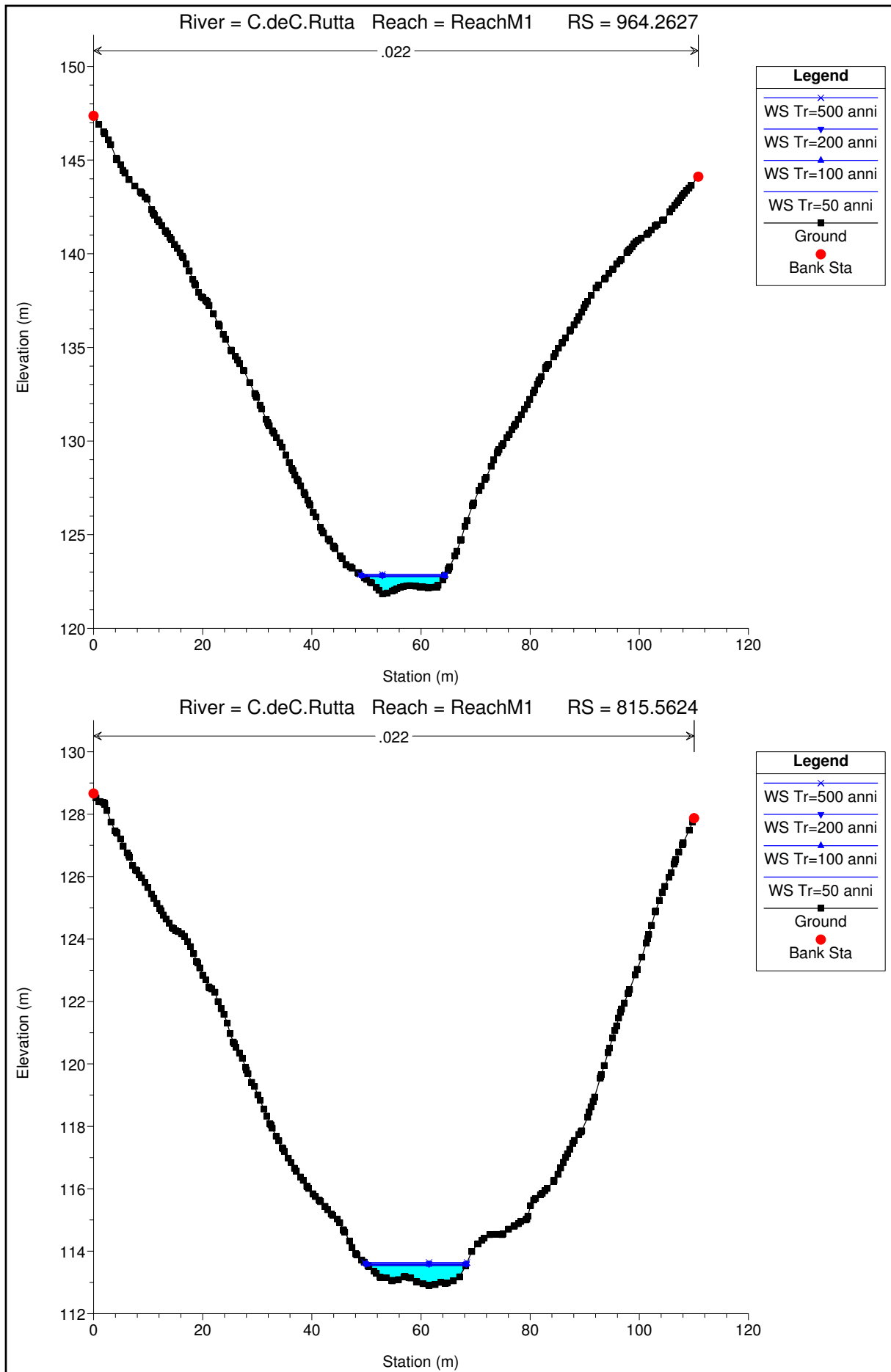
River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
2-SN1	ReachM1	121.4604	Tr=500 anni	3.78	23.97	24.39	24.52	0.016405	1.60	2.37	26.37	26.06	111.30
2-SN1	ReachM1	75.05983	Tr=50 anni	2.77	22.91	23.34	23.69	0.016947	2.60	1.06	5.72	34.26	62.51
2-SN1	ReachM1	75.05983	Tr=100 anni	3.07	22.91	23.36	23.71	0.016488	2.64	1.17	6.02	34.19	62.60
2-SN1	ReachM1	75.05983	Tr=200 anni	3.37	22.91	23.38	23.73	0.016065	2.64	1.27	6.43	34.11	67.17
2-SN1	ReachM1	75.05983	Tr=500 anni	3.78	22.91	23.40	23.74	0.016173	2.59	1.46	7.65	33.99	67.50
2-SN1	ReachM1	50.36337	Tr=50 anni	2.77	22.30	22.57	23.08	0.035505	3.17	0.87	6.19	31.29	43.48
2-SN1	ReachM1	50.36337	Tr=100 anni	3.07	22.30	22.58	23.12	0.035197	3.25	0.95	6.41	31.28	43.53
2-SN1	ReachM1	50.36337	Tr=200 anni	3.37	22.30	22.59	23.15	0.034837	3.31	1.02	6.68	31.27	59.51
2-SN1	ReachM1	50.36337	Tr=500 anni	3.78	22.30	22.61	23.16	0.034449	3.28	1.15	7.54	31.25	59.68
2-SN1	ReachM1	22.29682	Tr=50 anni	2.77	21.78	22.08	22.28	0.018824	1.97	1.41	12.71	25.57	38.87
2-SN1	ReachM1	22.29682	Tr=100 anni	3.07	21.78	22.09	22.30	0.019421	2.03	1.51	13.36	25.55	38.91
2-SN1	ReachM1	22.29682	Tr=200 anni	3.37	21.78	22.10	22.33	0.019885	2.12	1.59	13.40	25.54	38.94
2-SN1	ReachM1	22.29682	Tr=500 anni	3.78	21.78	22.11	22.35	0.019648	2.21	1.71	13.46	25.52	38.98

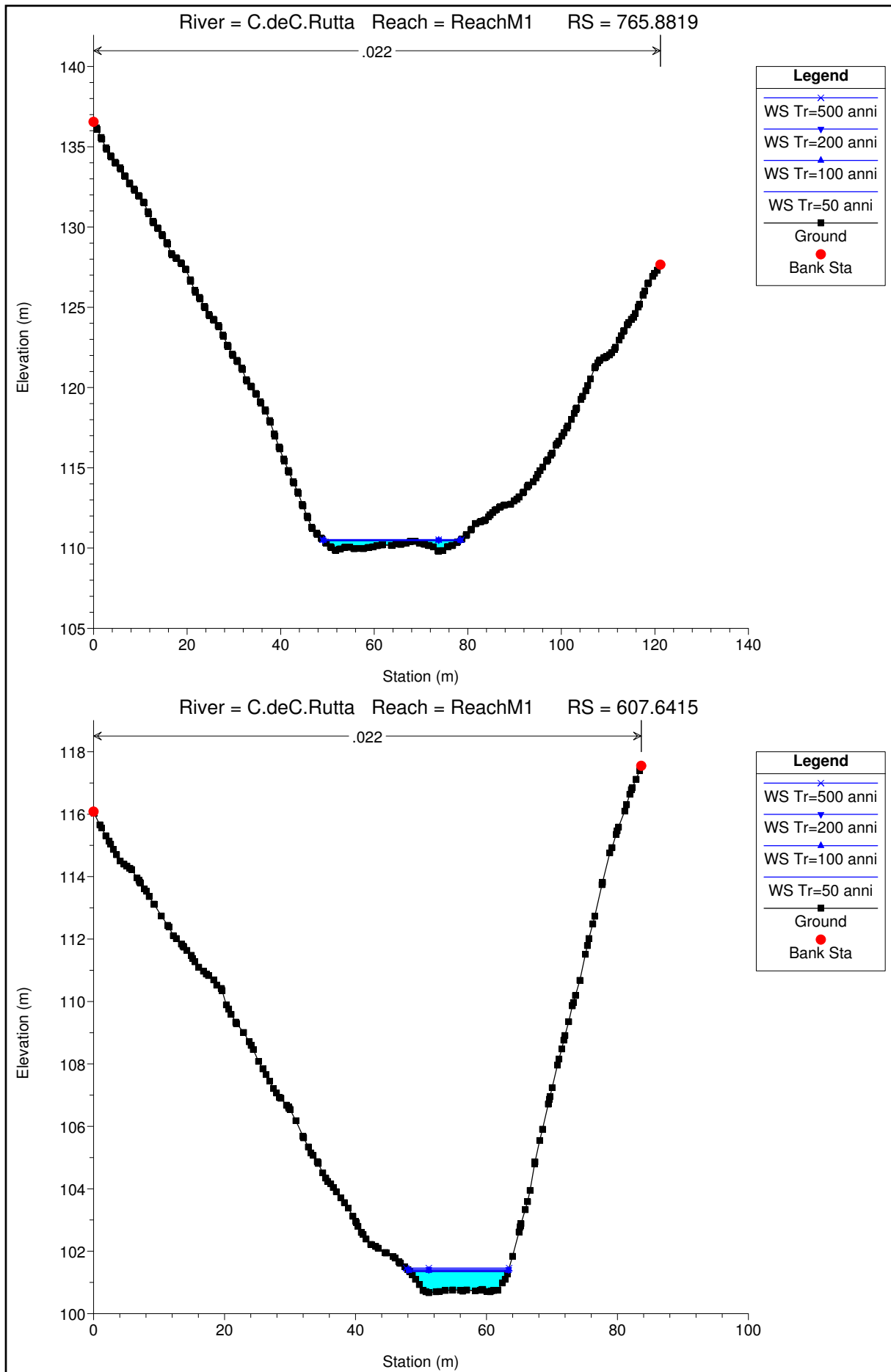
B - Bacino San Giorgio

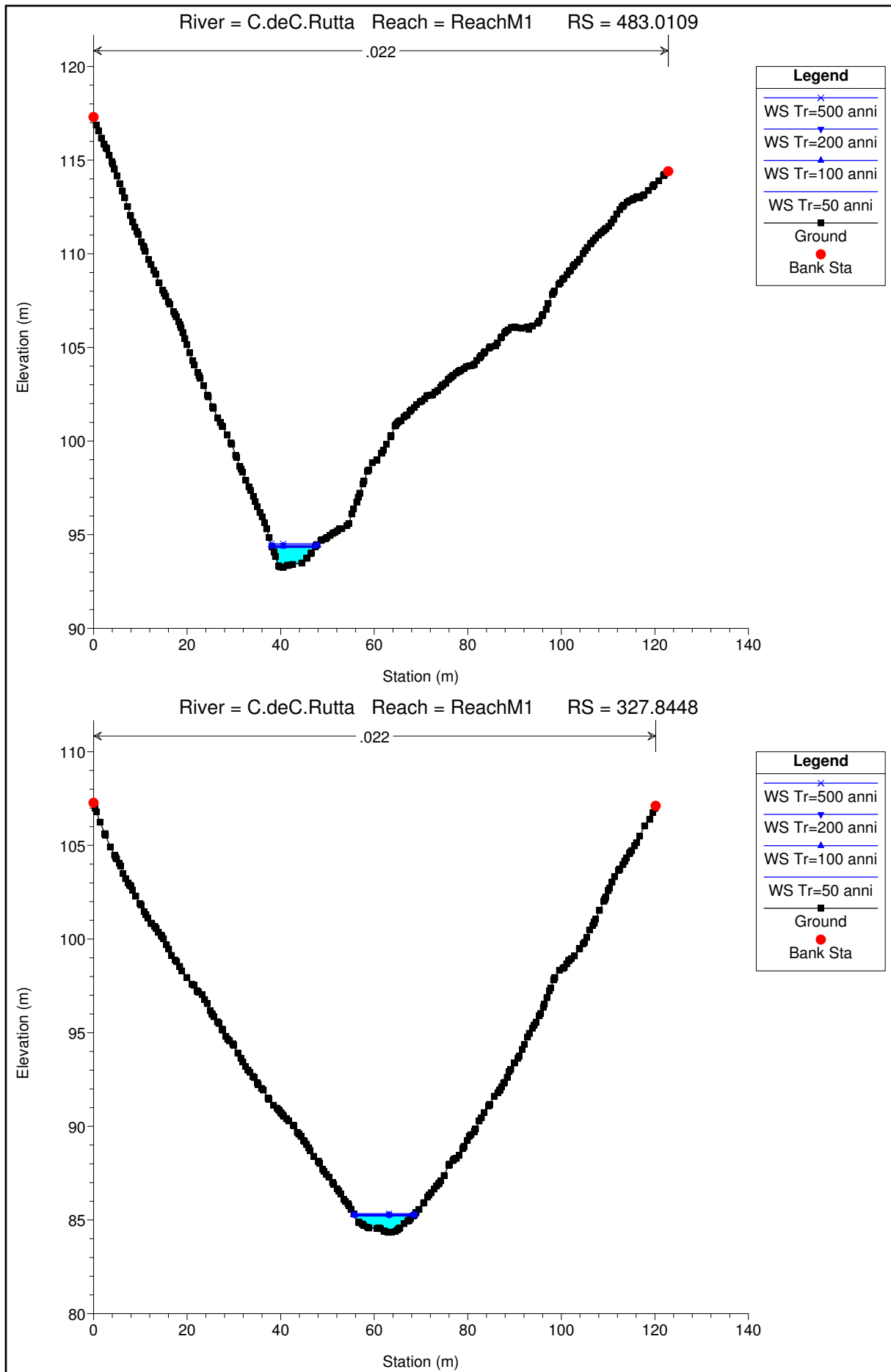
Canale de Genne Rutta

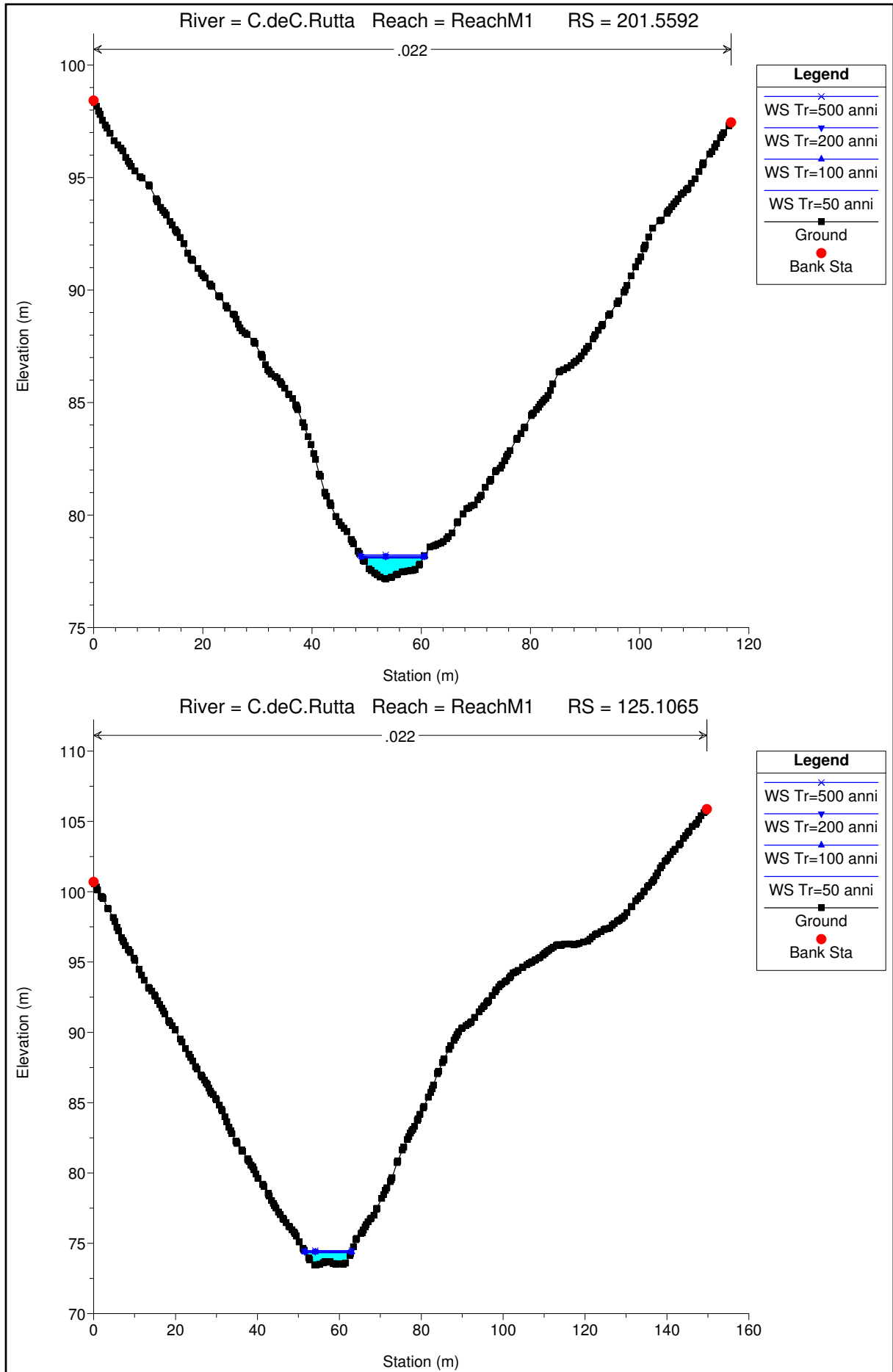


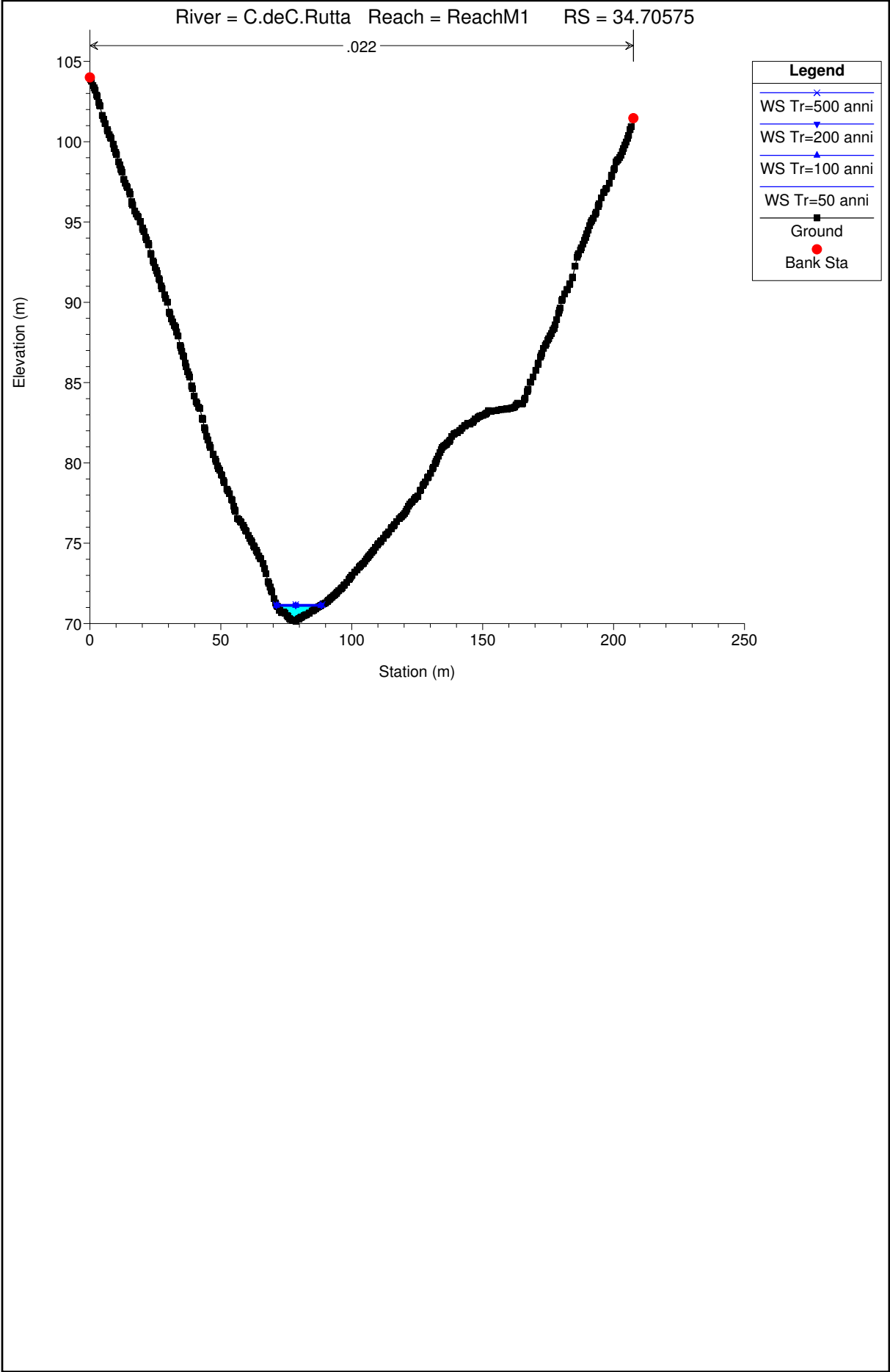








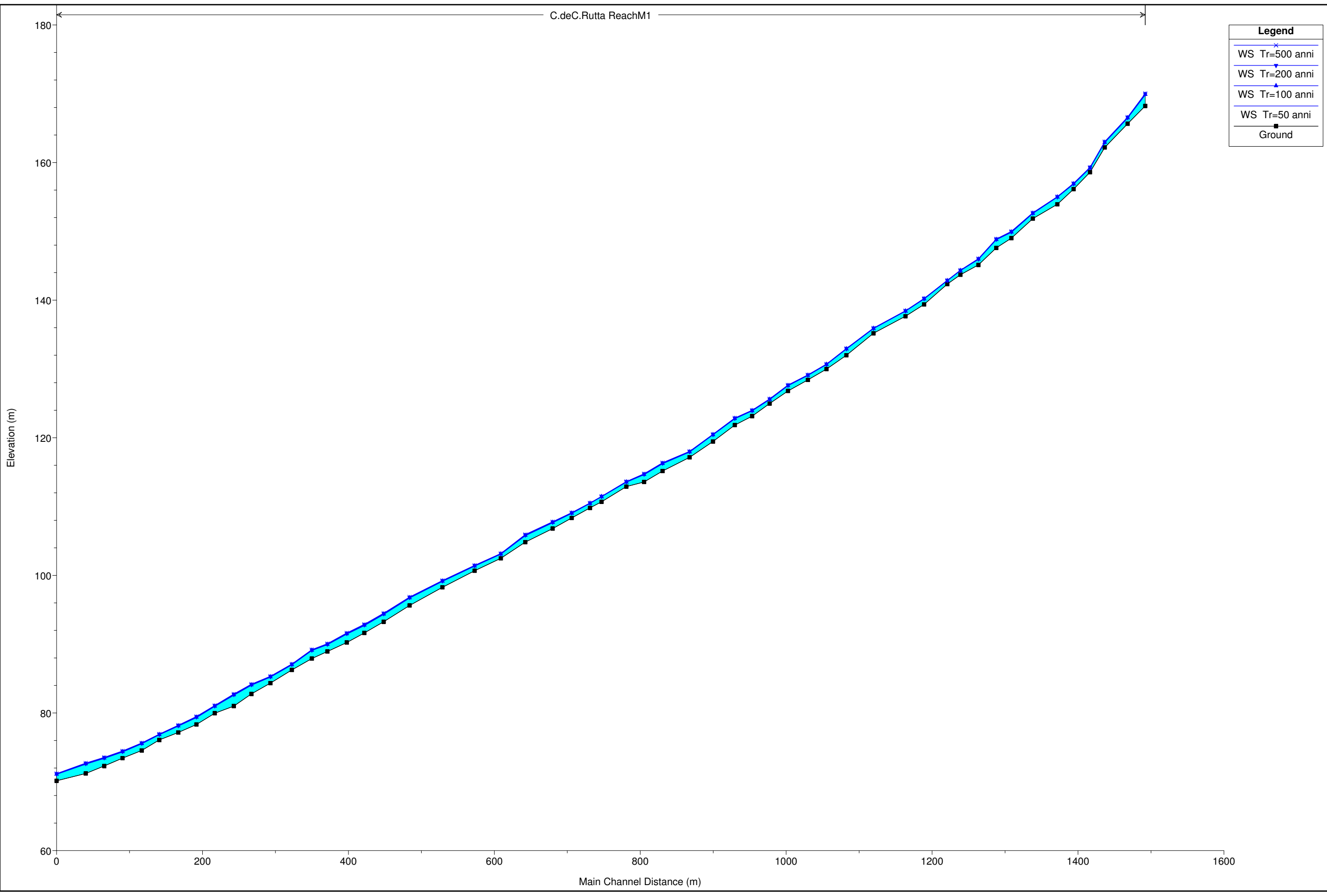




C.deC.Rutta ReachM1

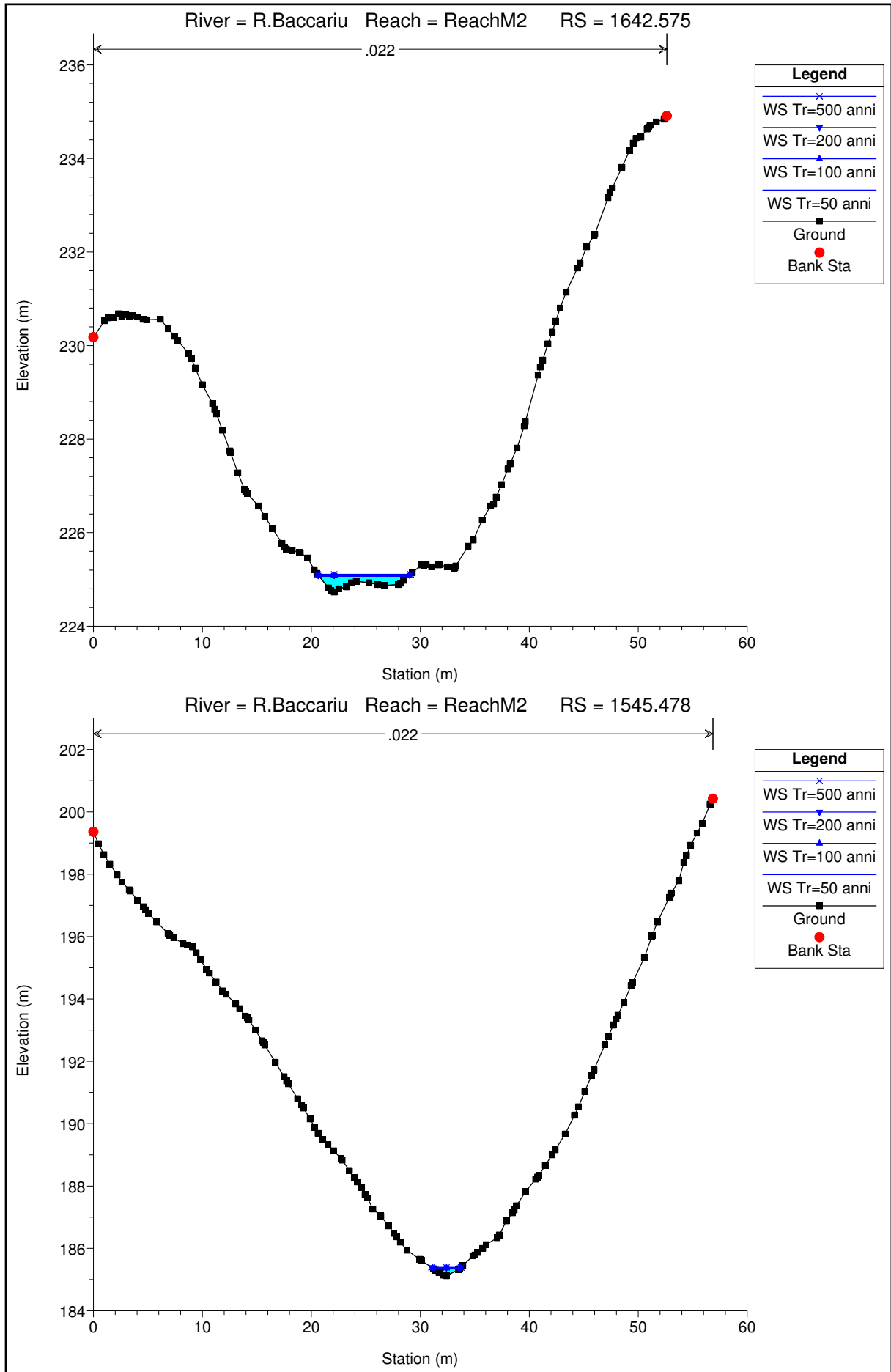
Legend

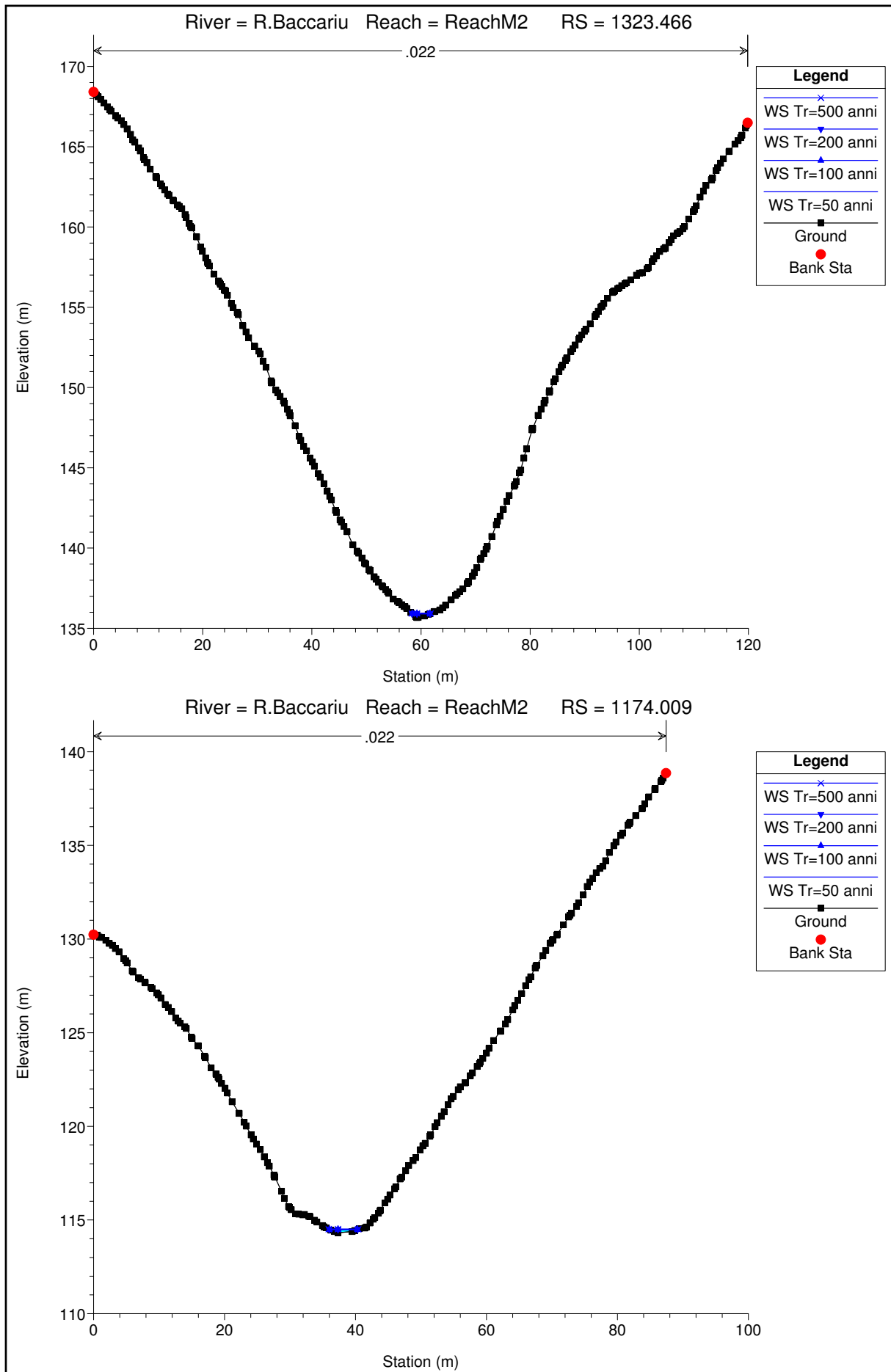
- WS Tr=500 anni
- WS Tr=200 anni
- WS Tr=100 anni
- WS Tr=50 anni
- Ground

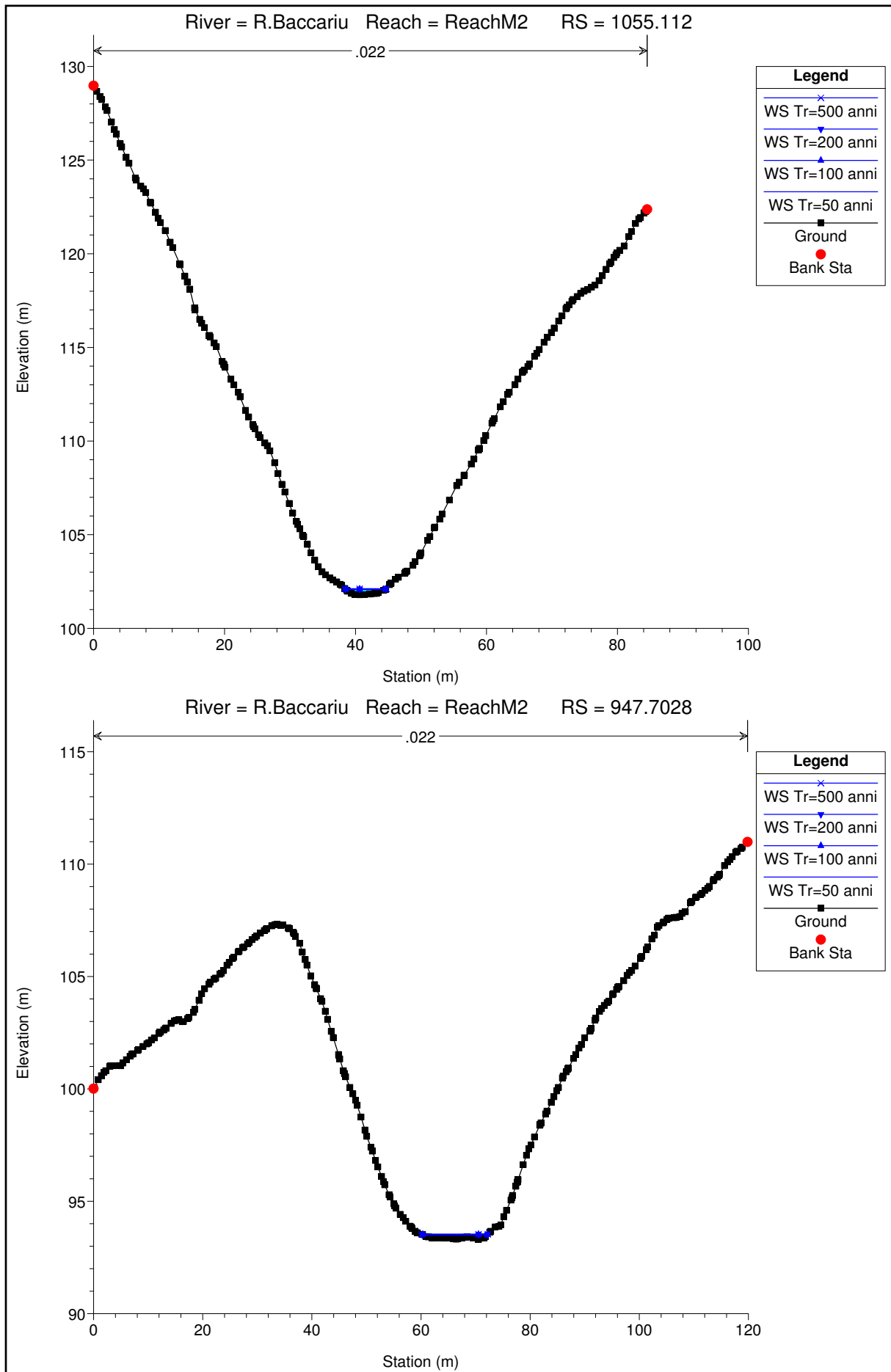


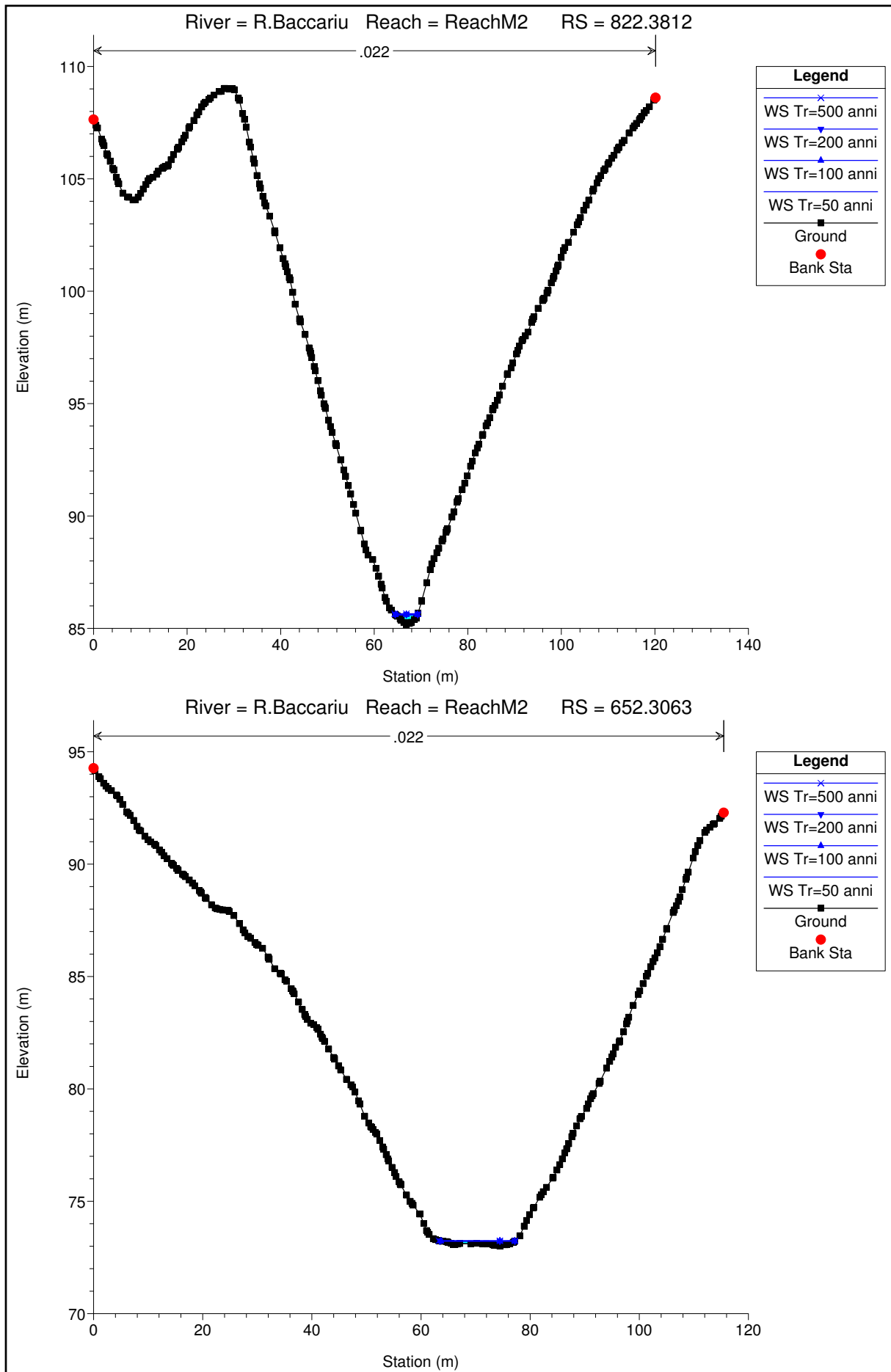
B - Bacino San Giorgio

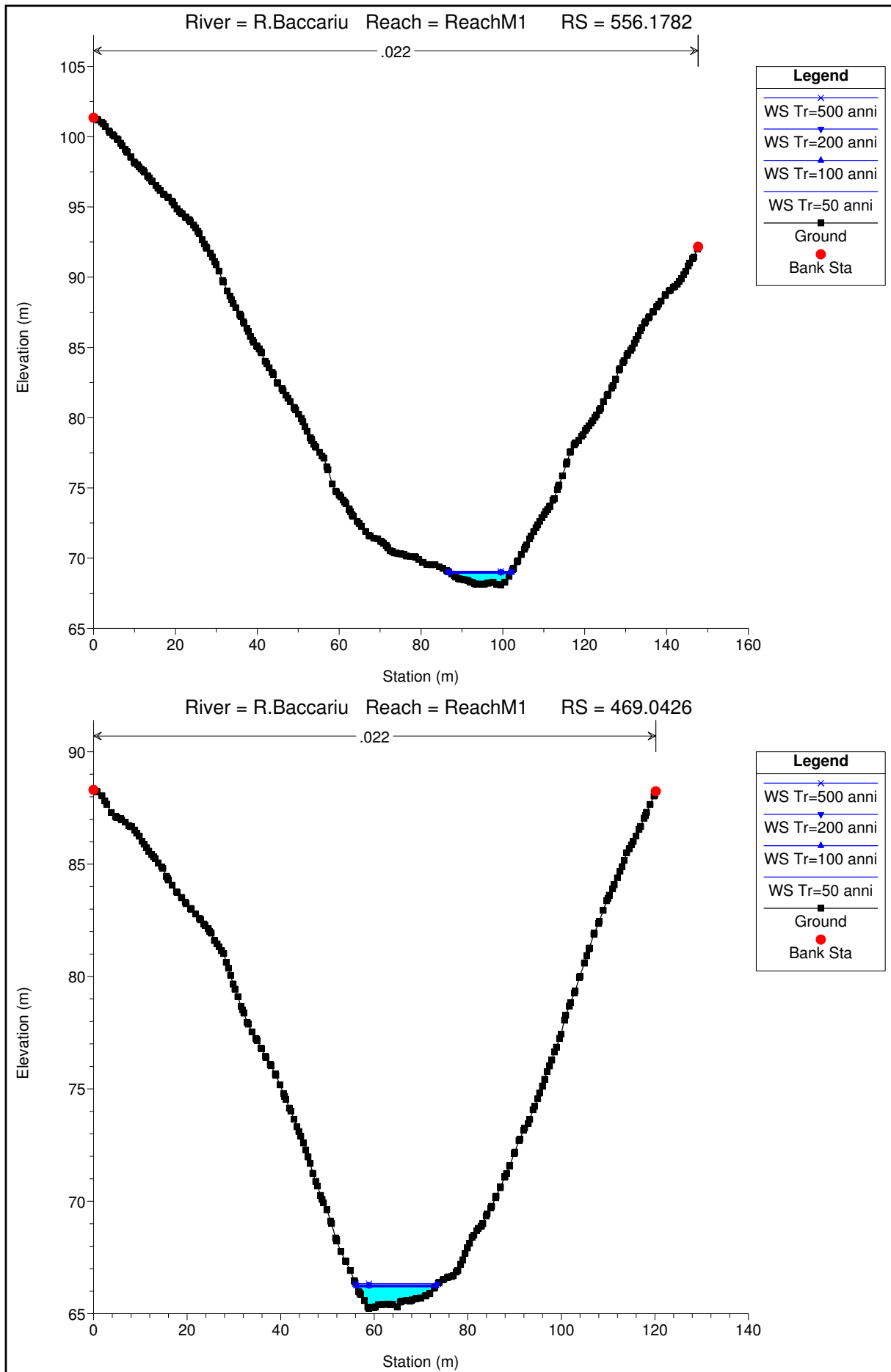
Rio Baccariu

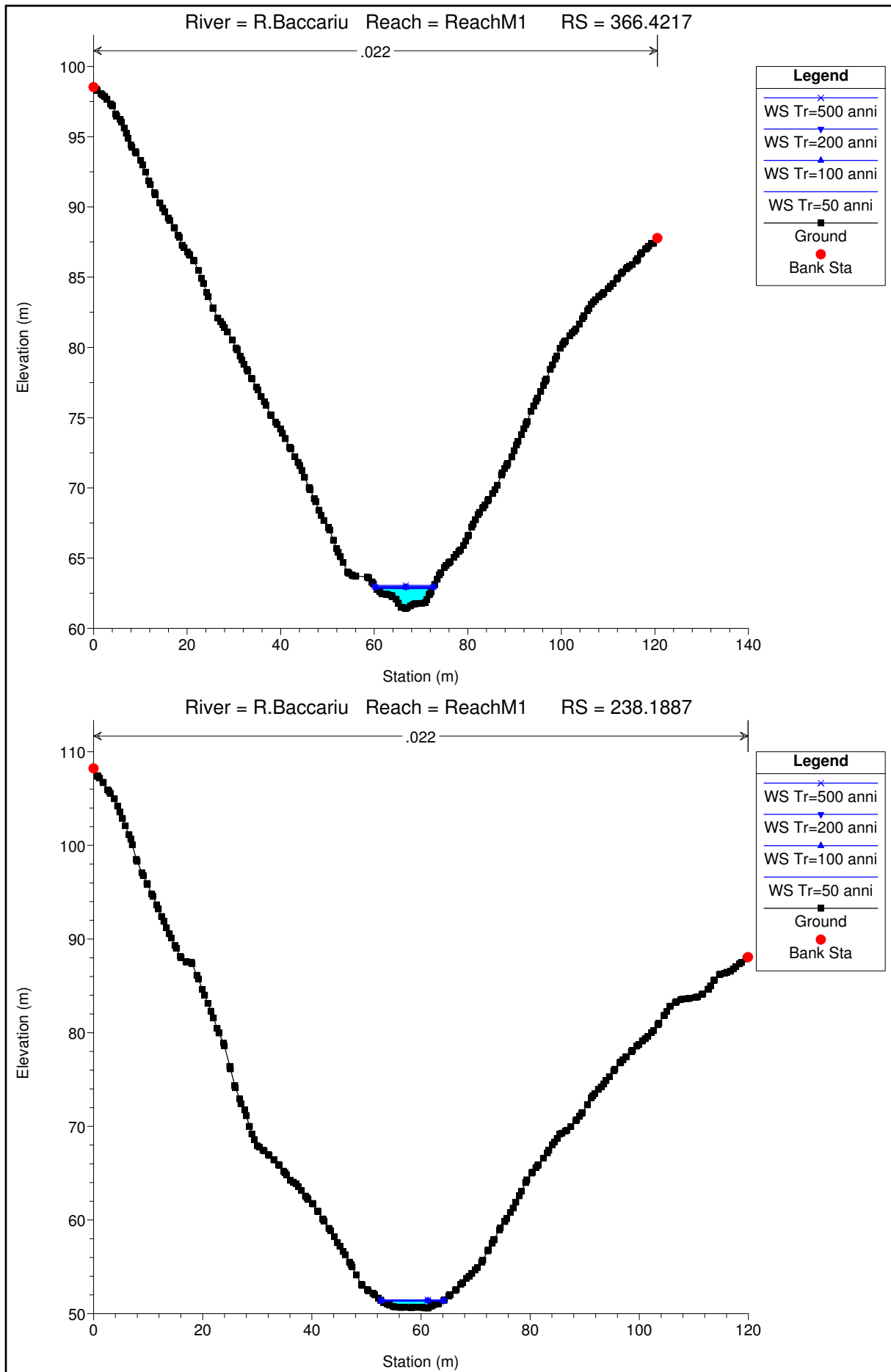


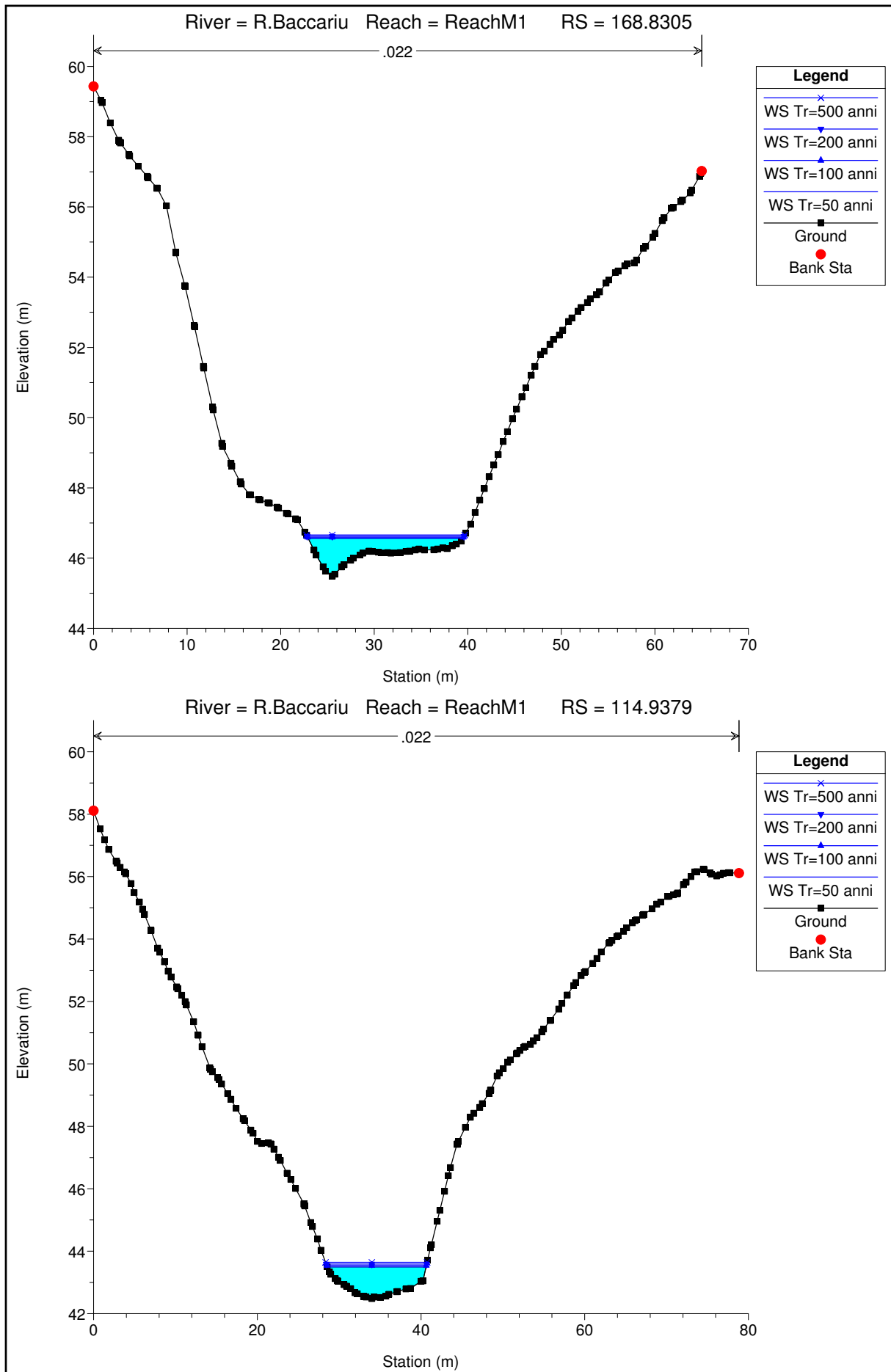




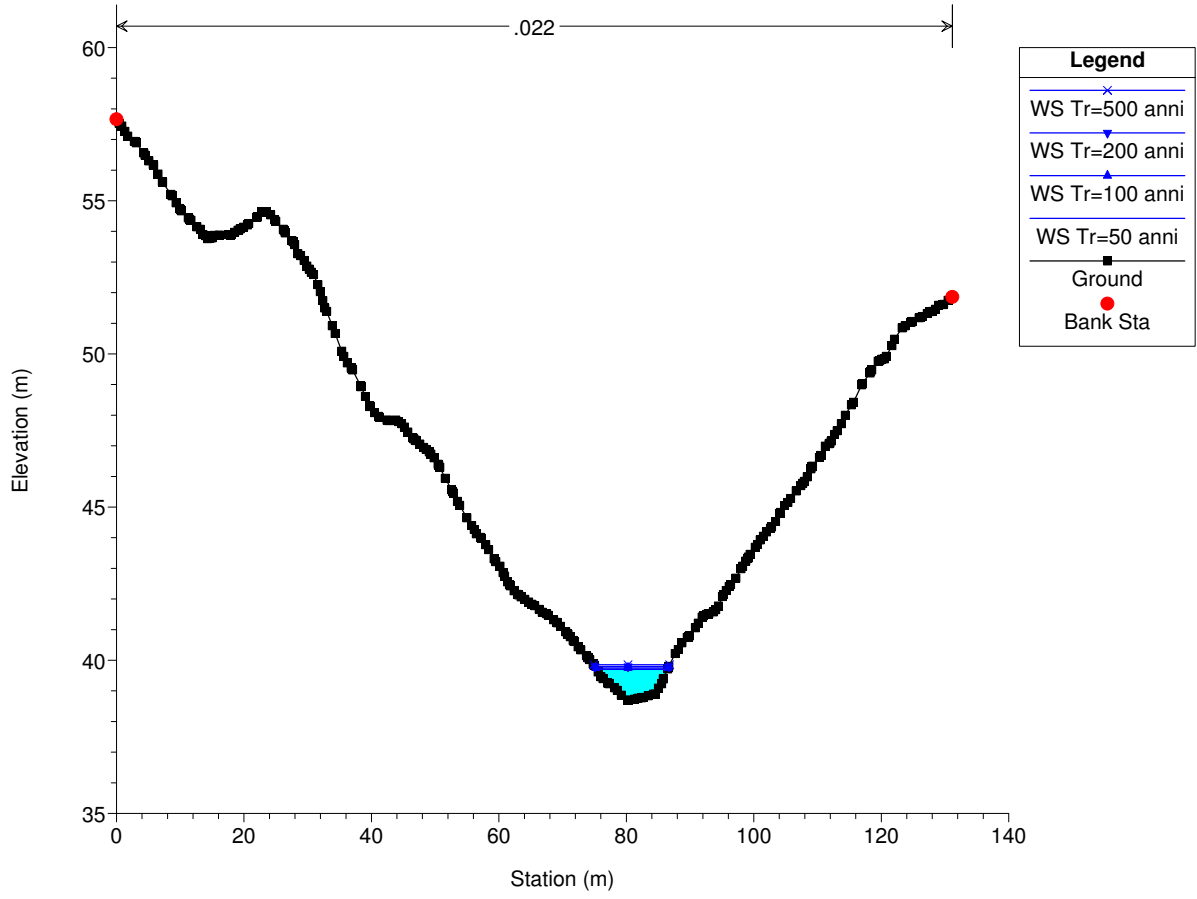


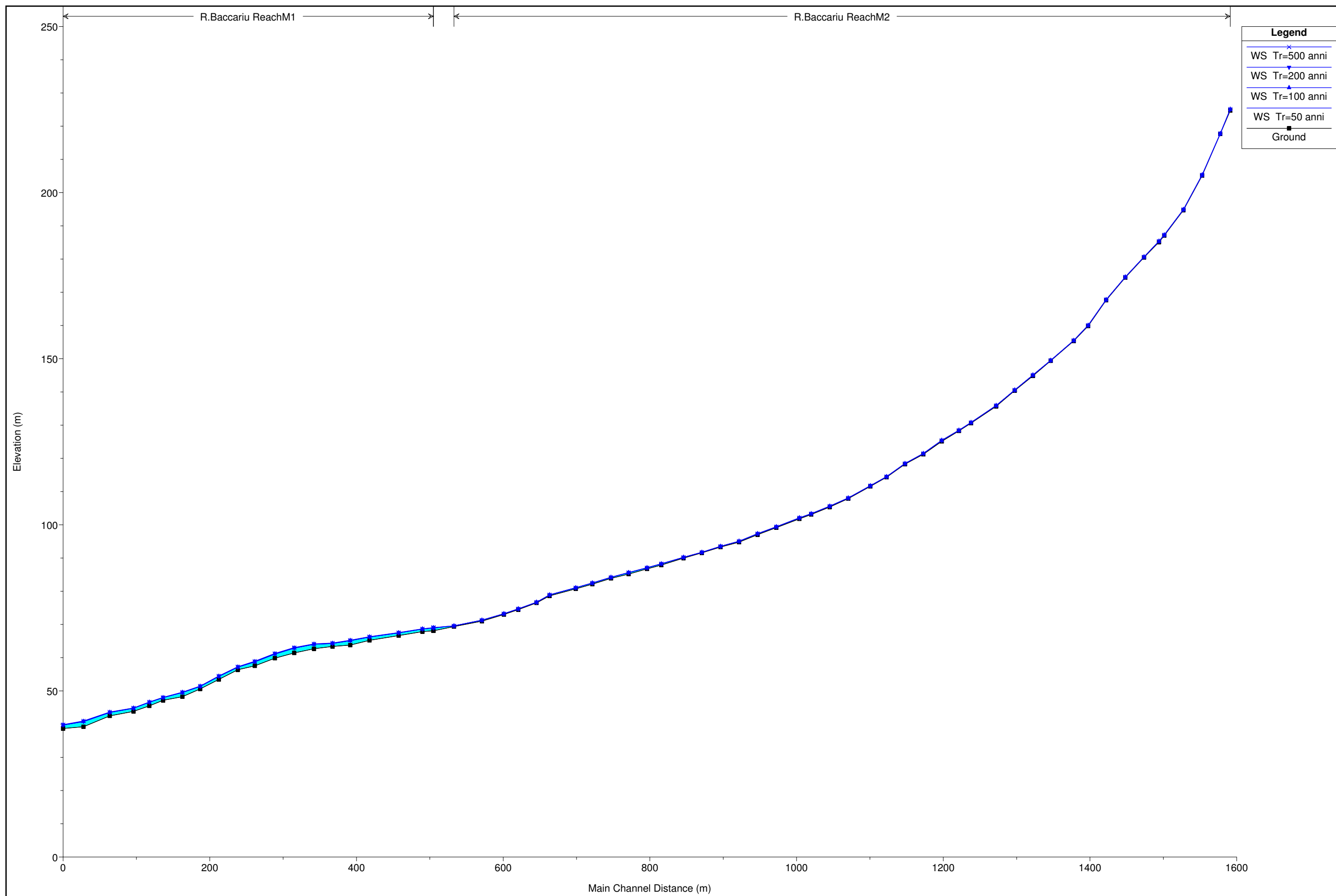






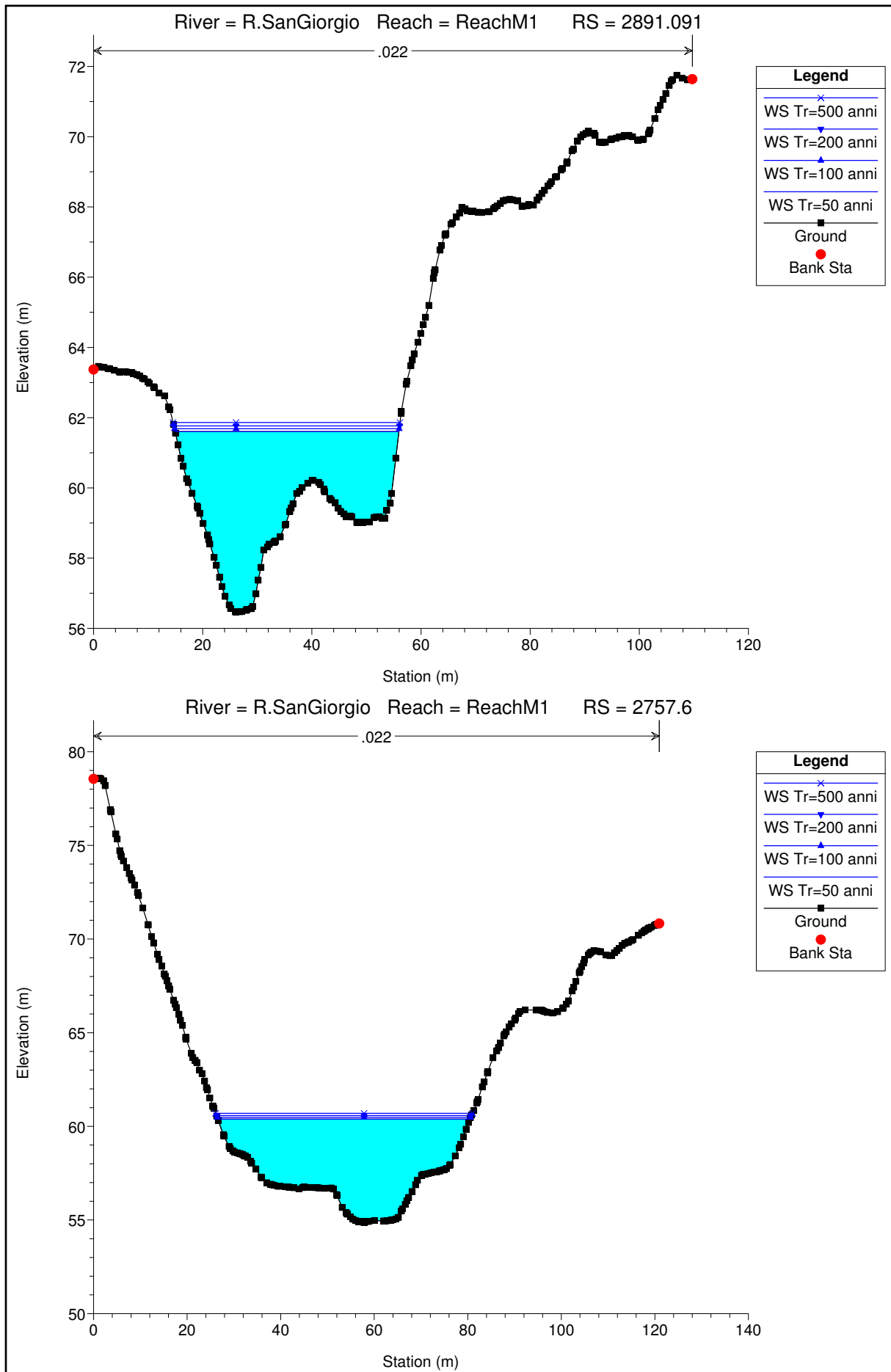
River = R.Baccariu Reach = ReachM1 RS = 51.30984

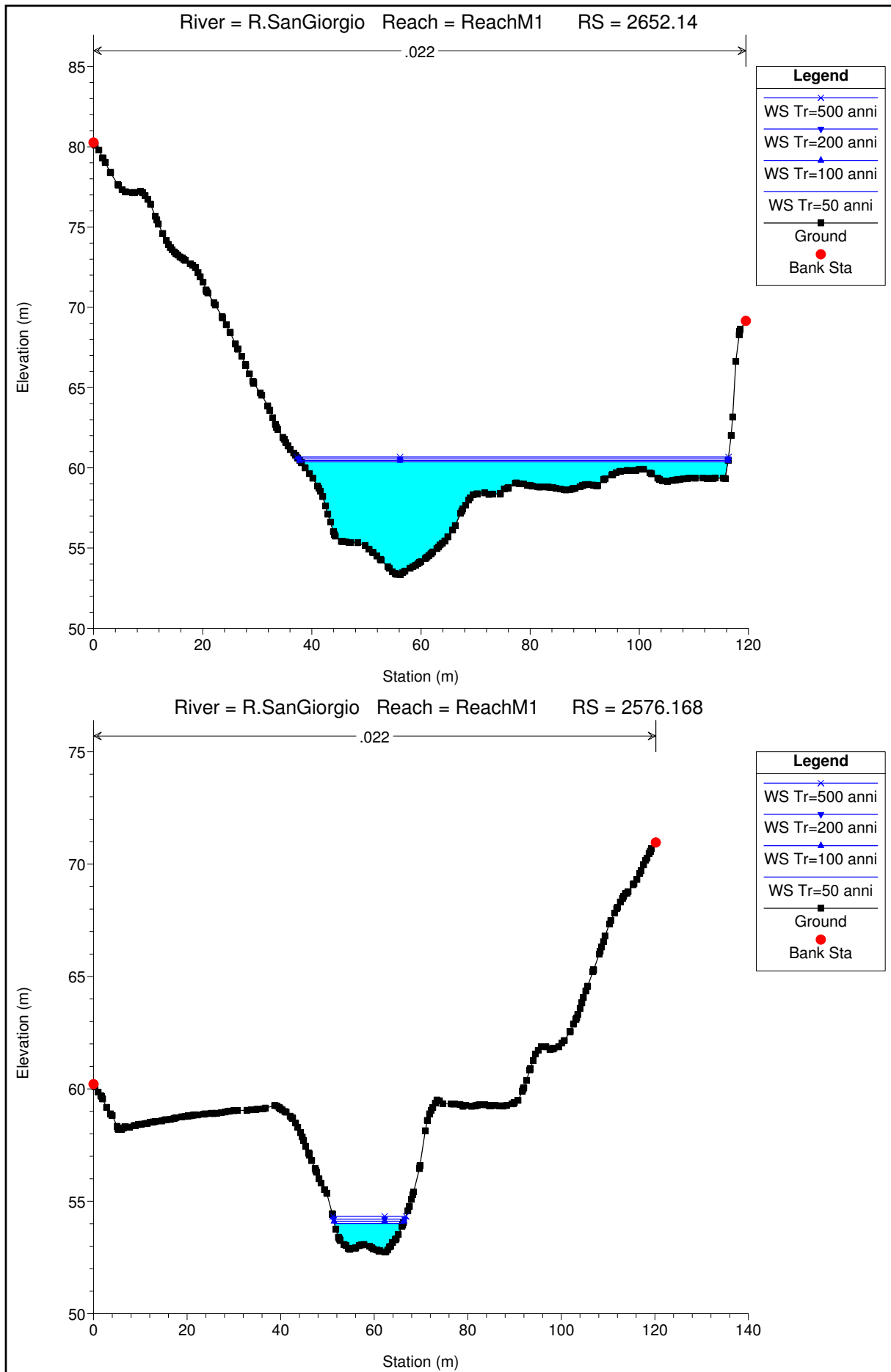


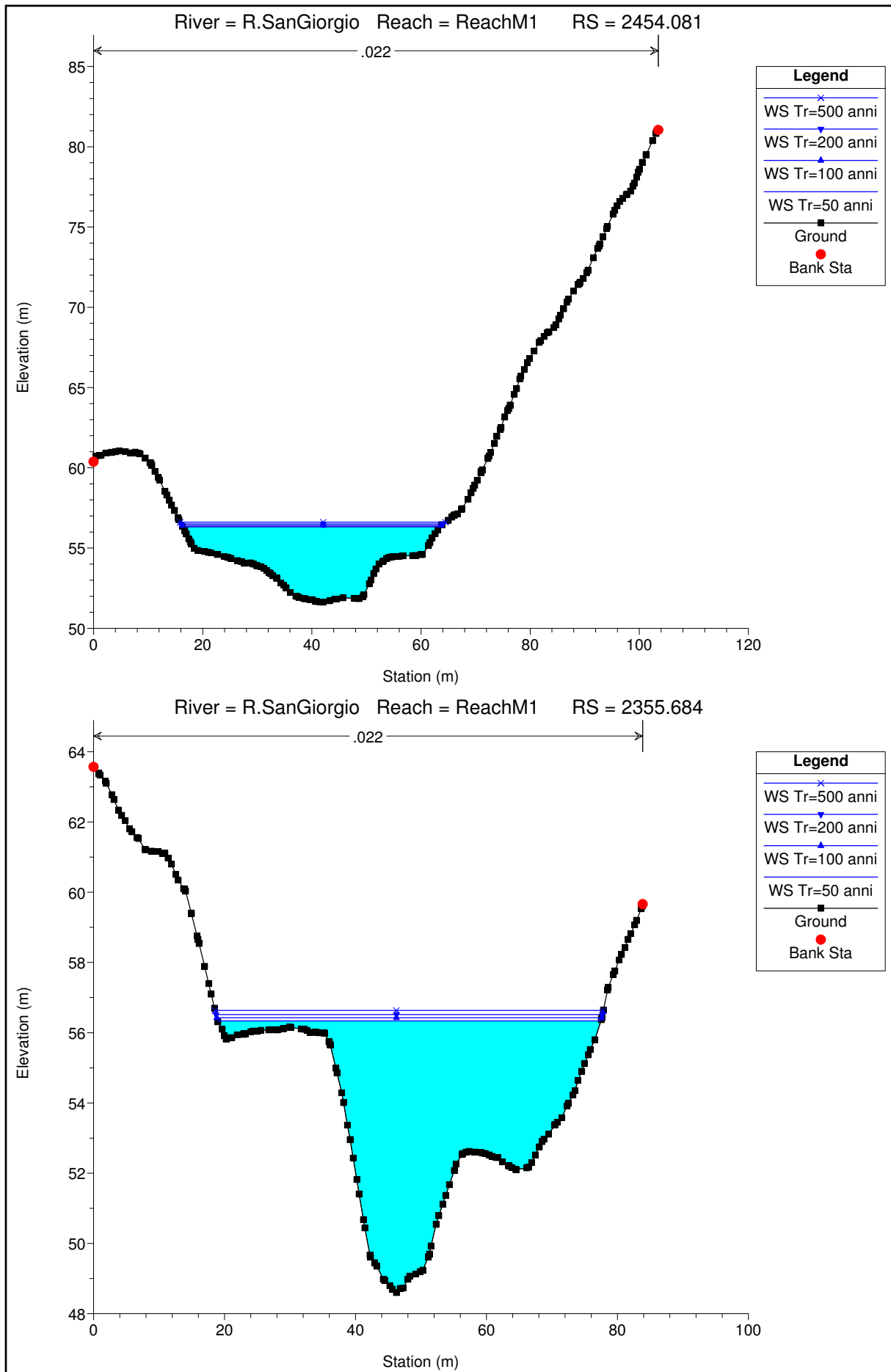


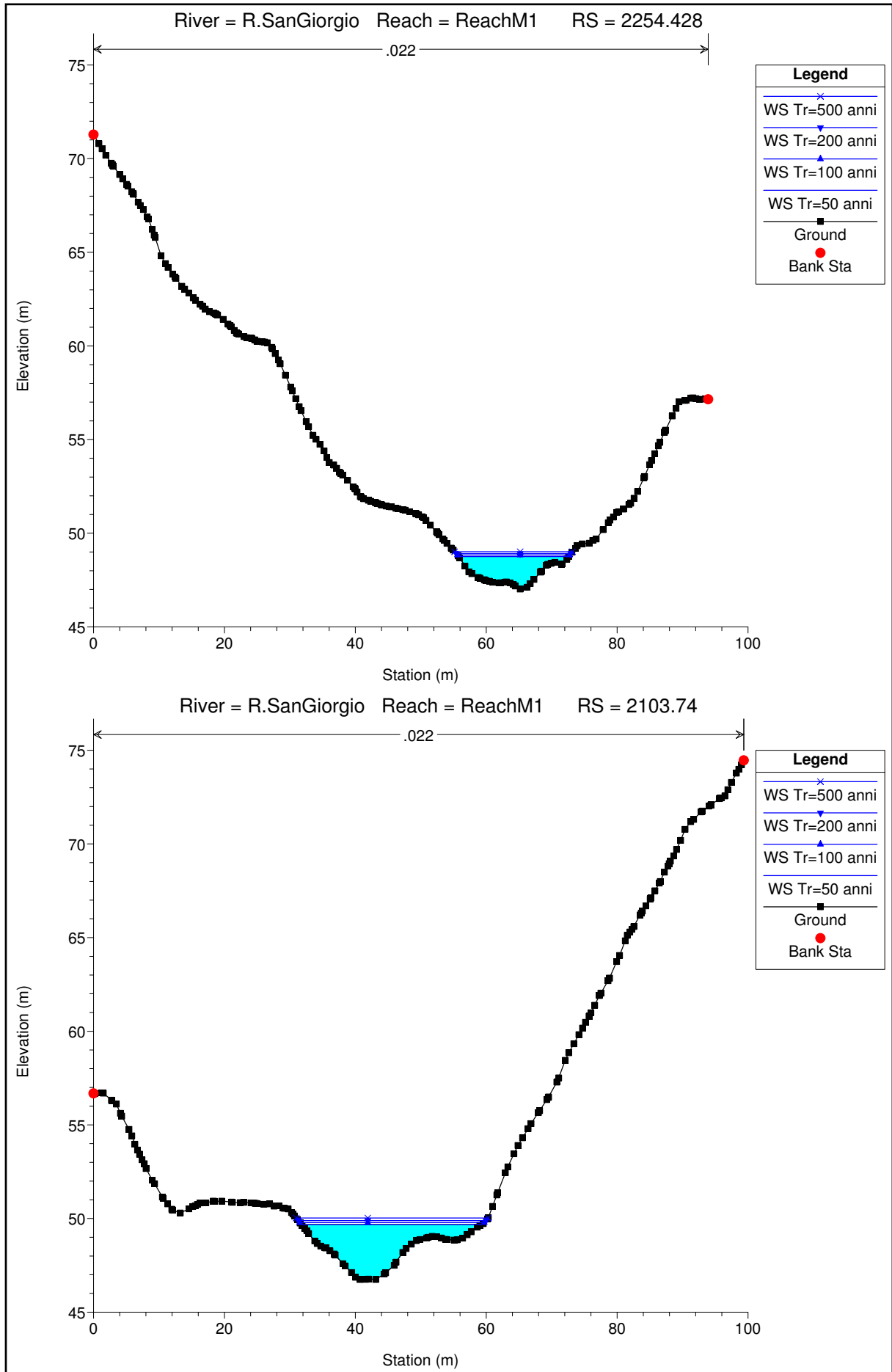
B - Bacino San Giorgio

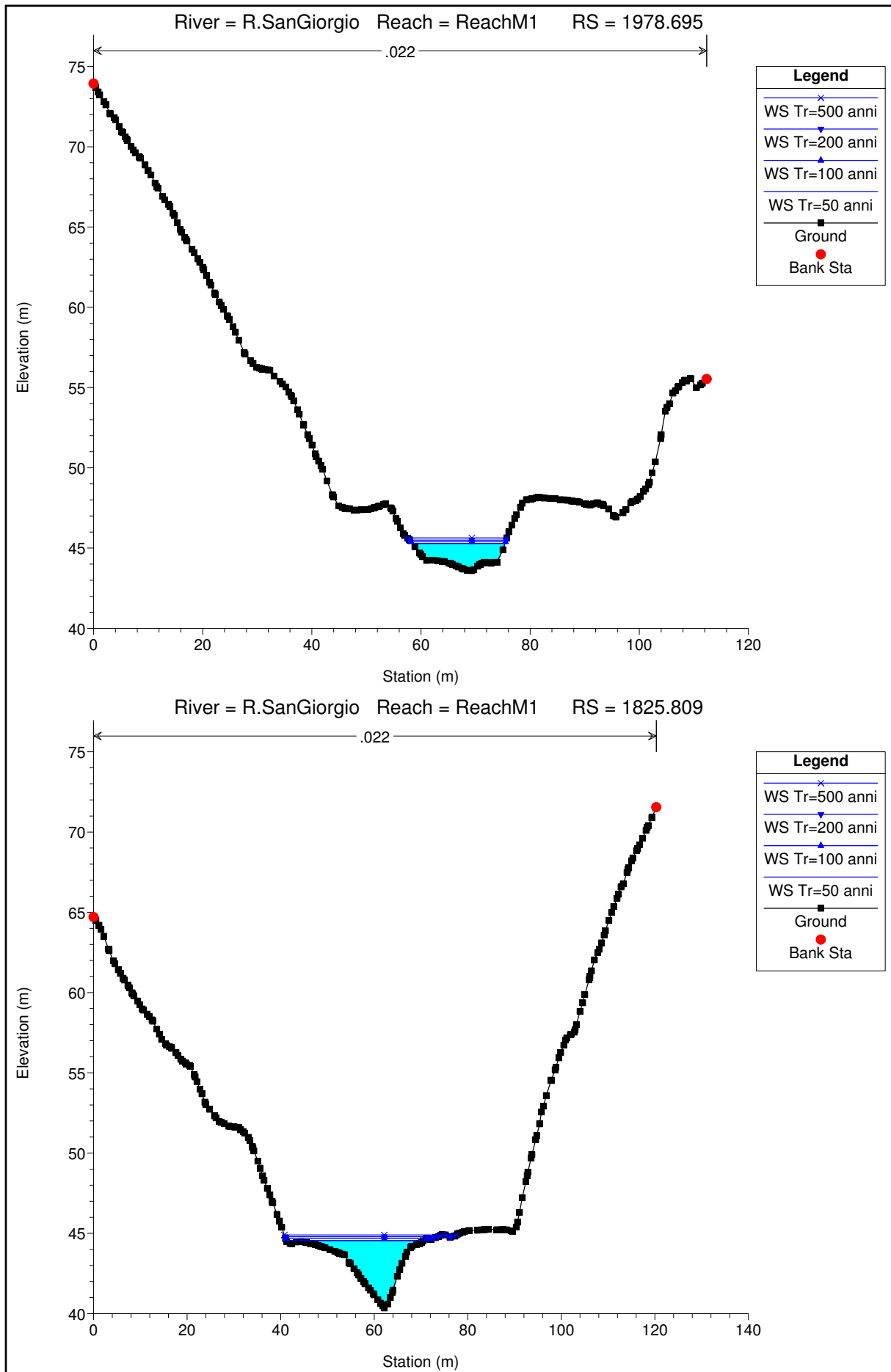
Rio San Giorgio

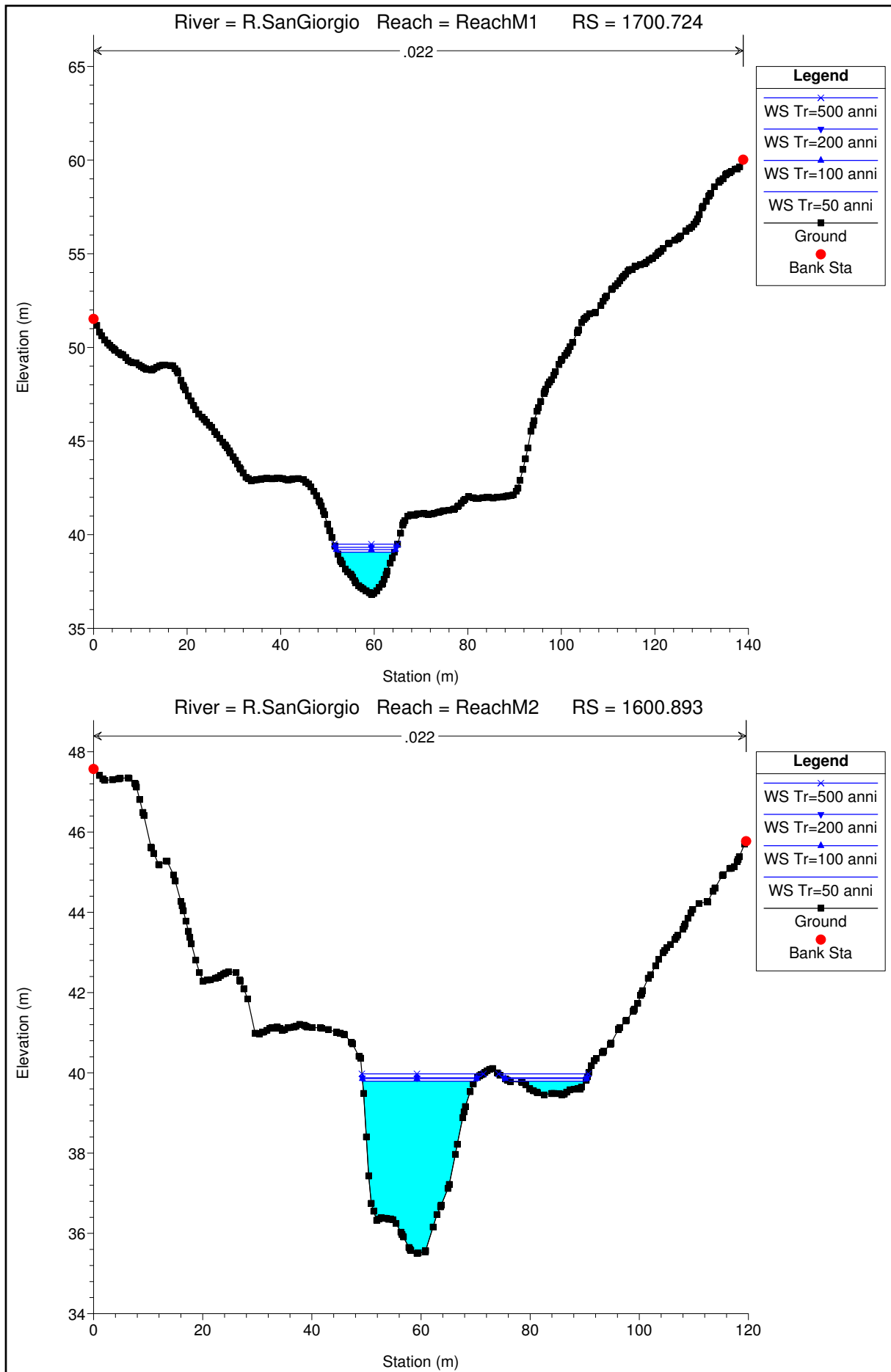


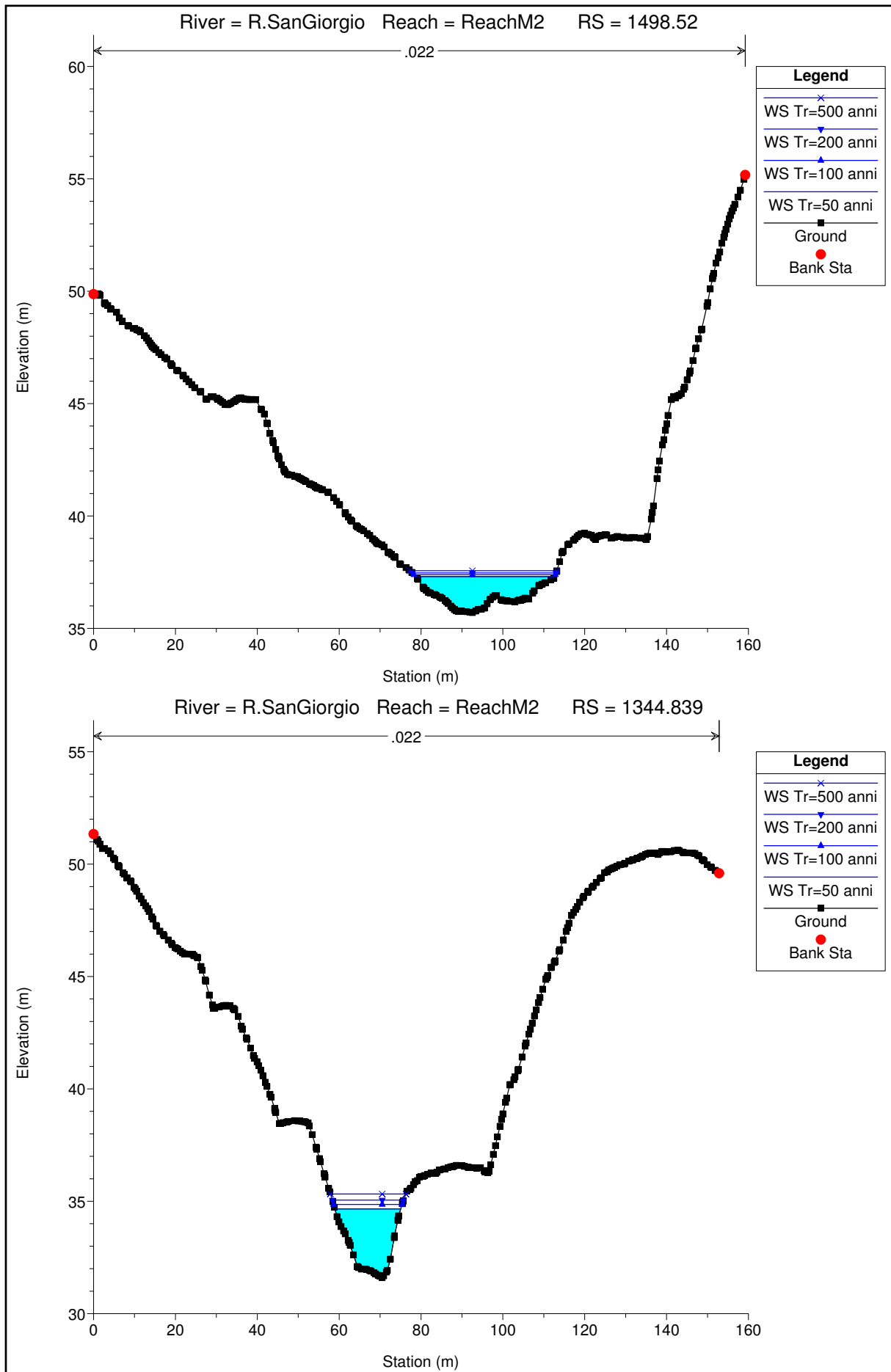


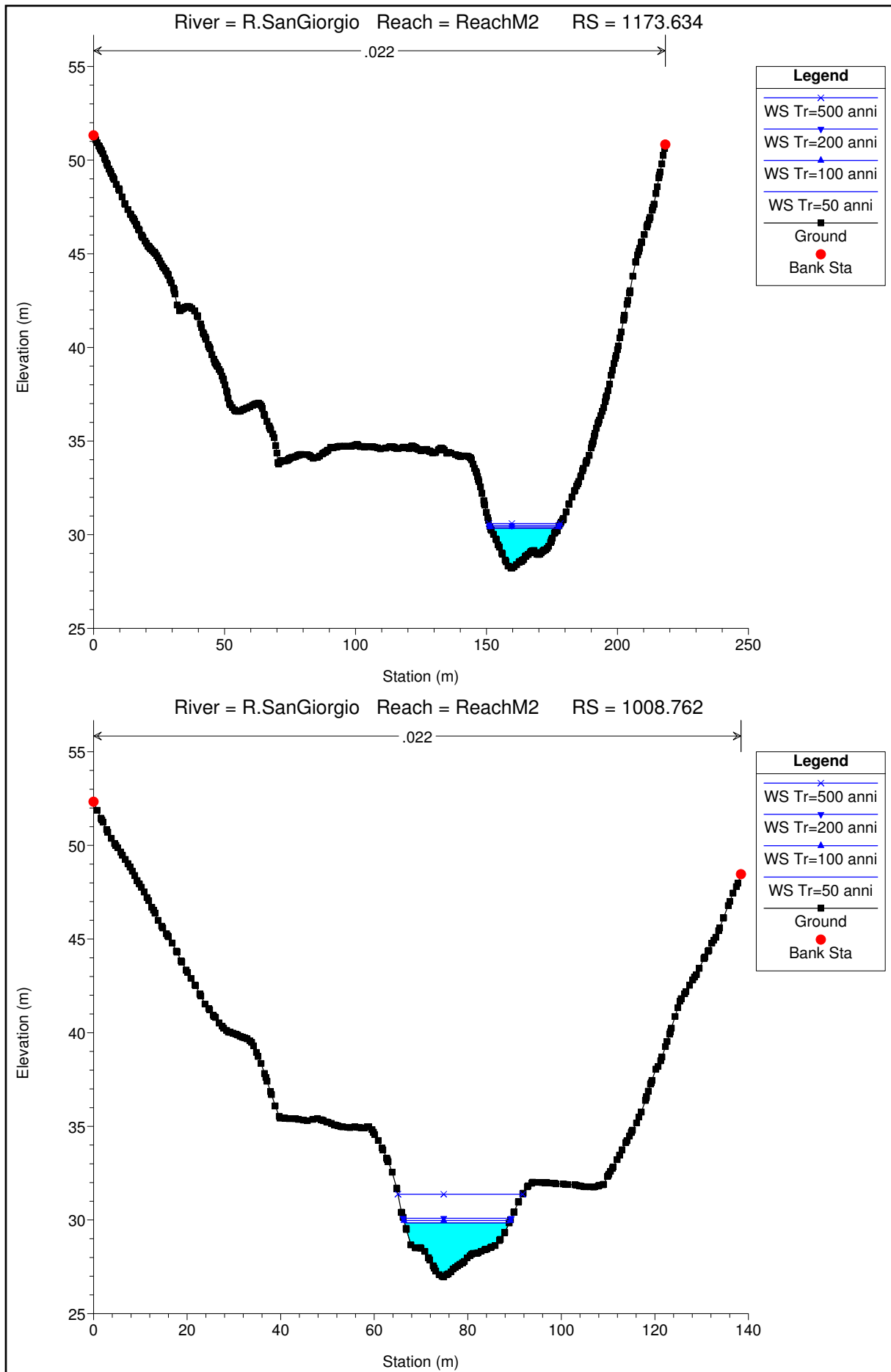


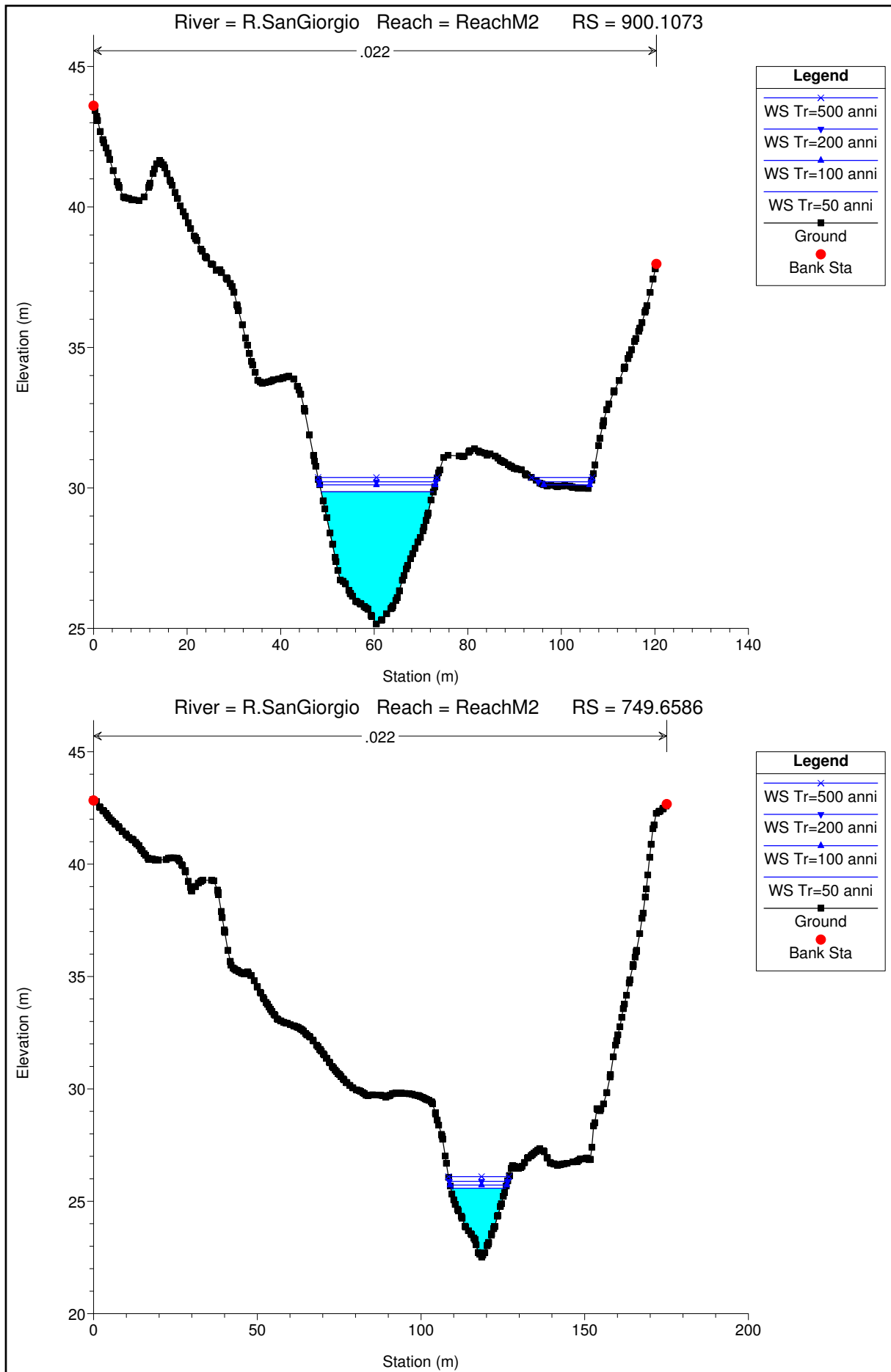


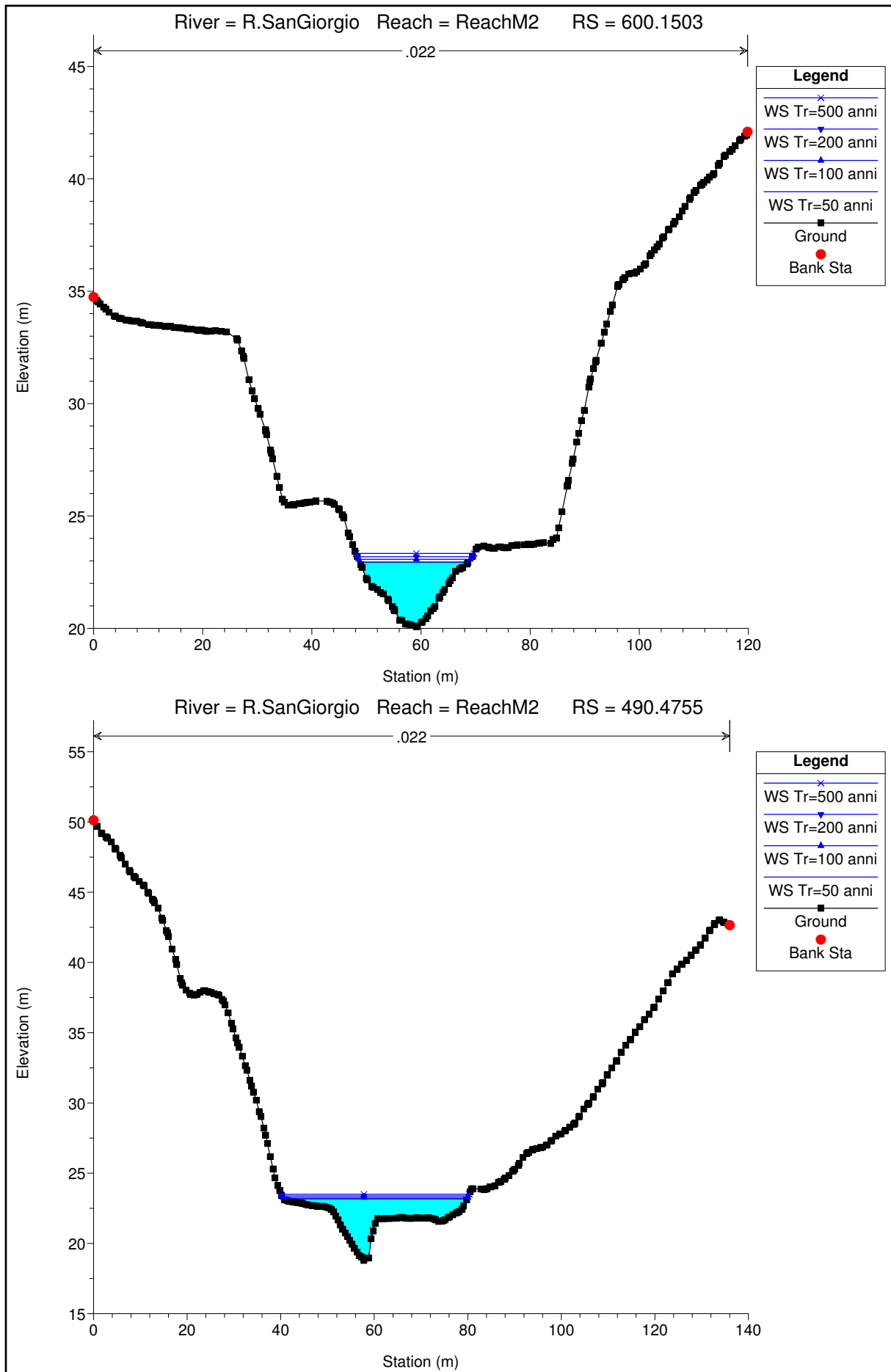


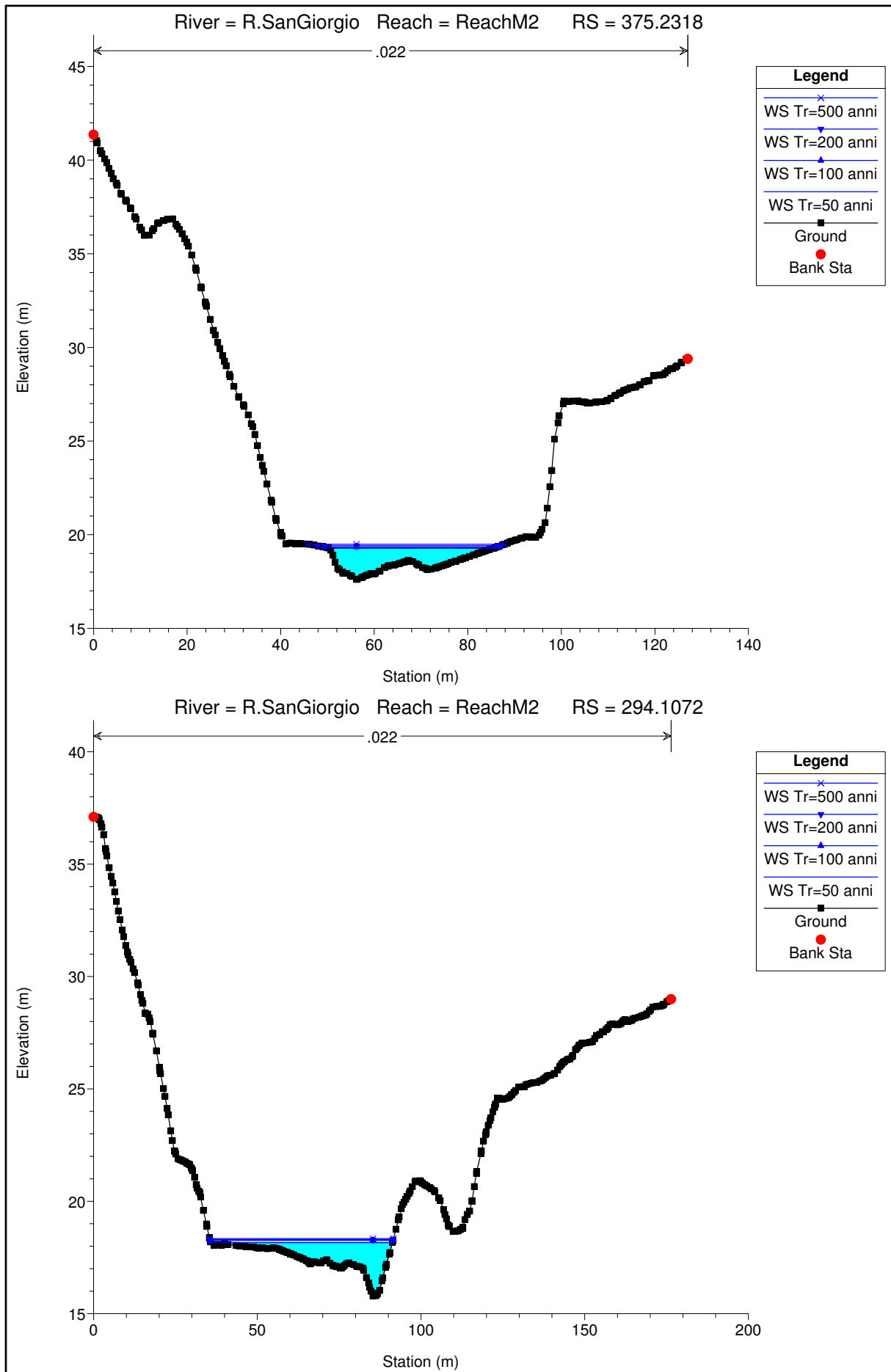


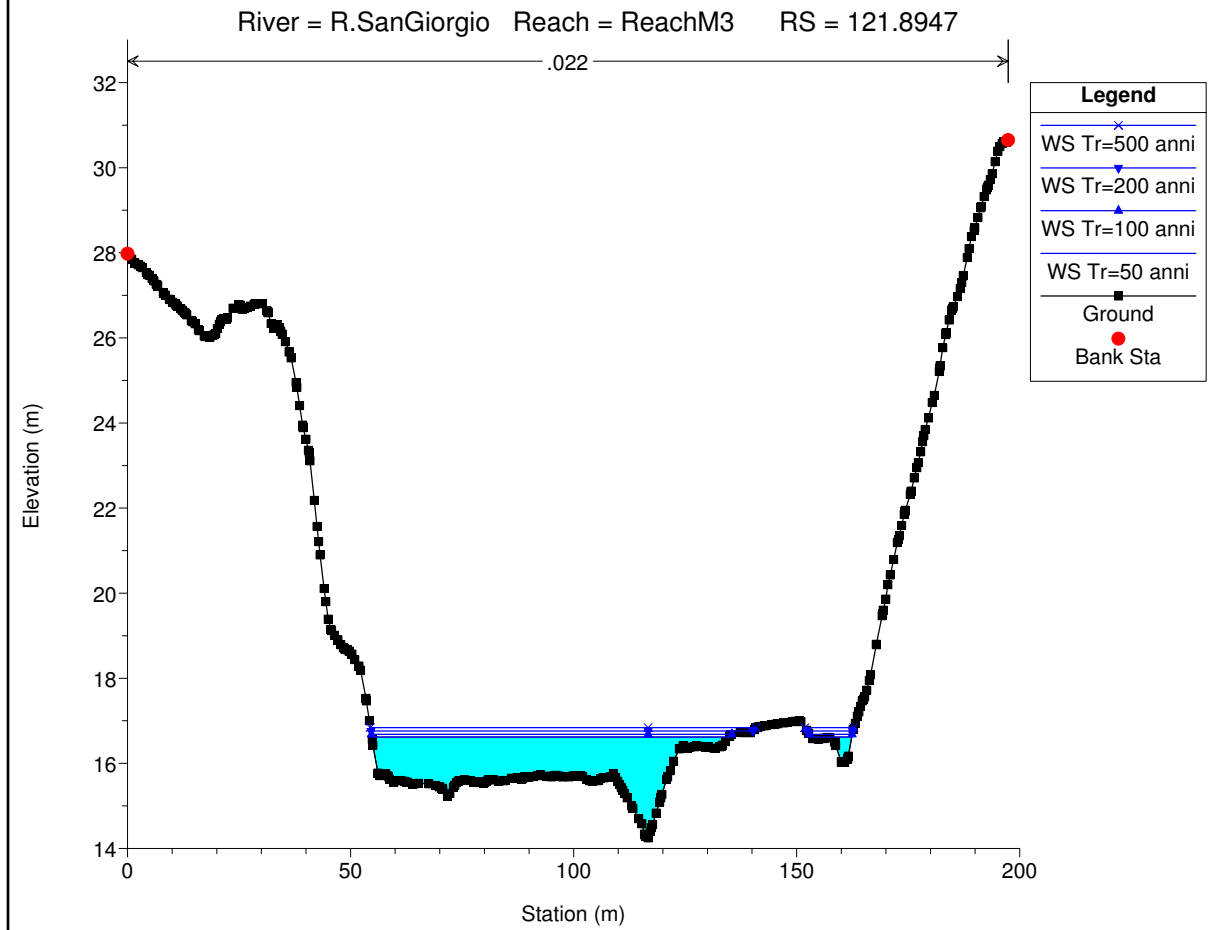
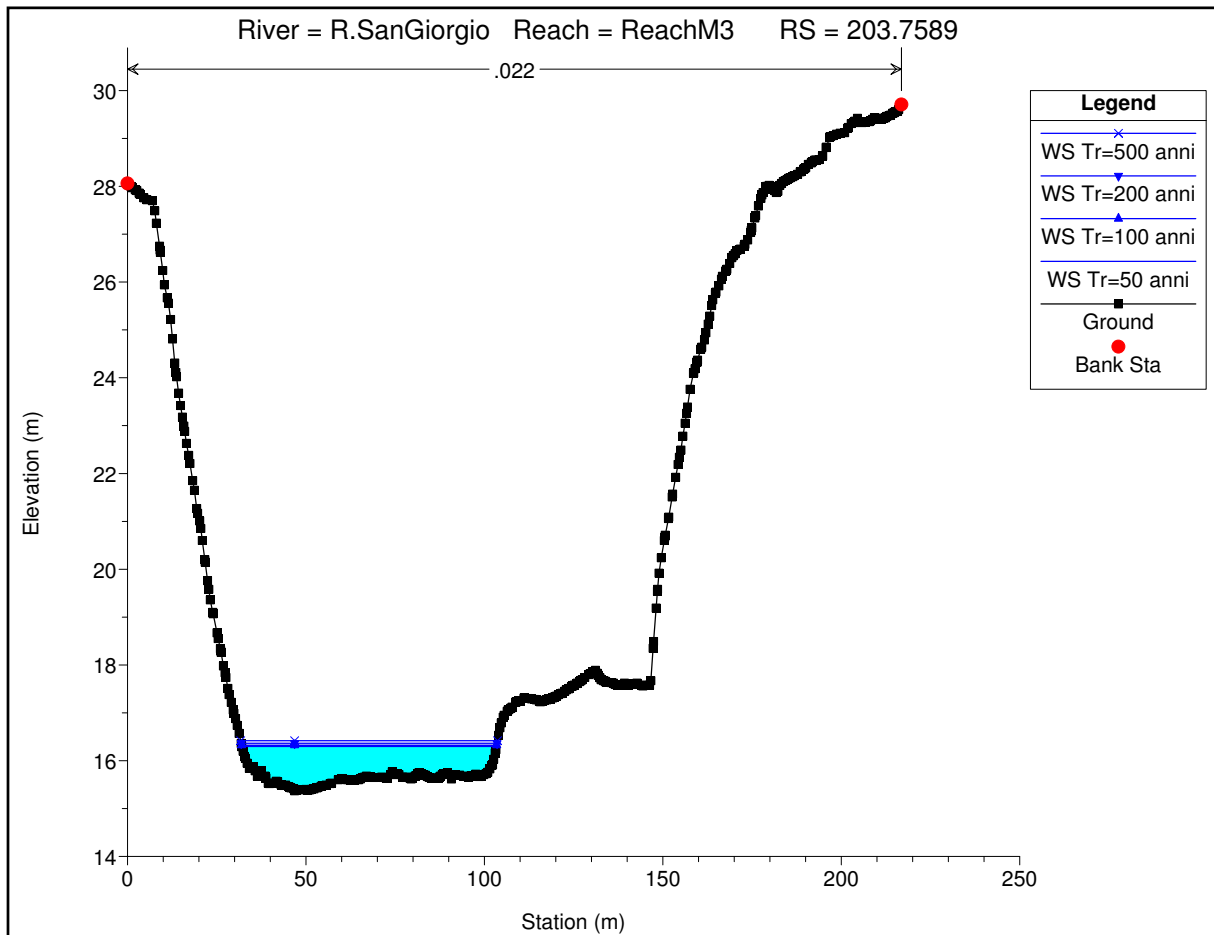


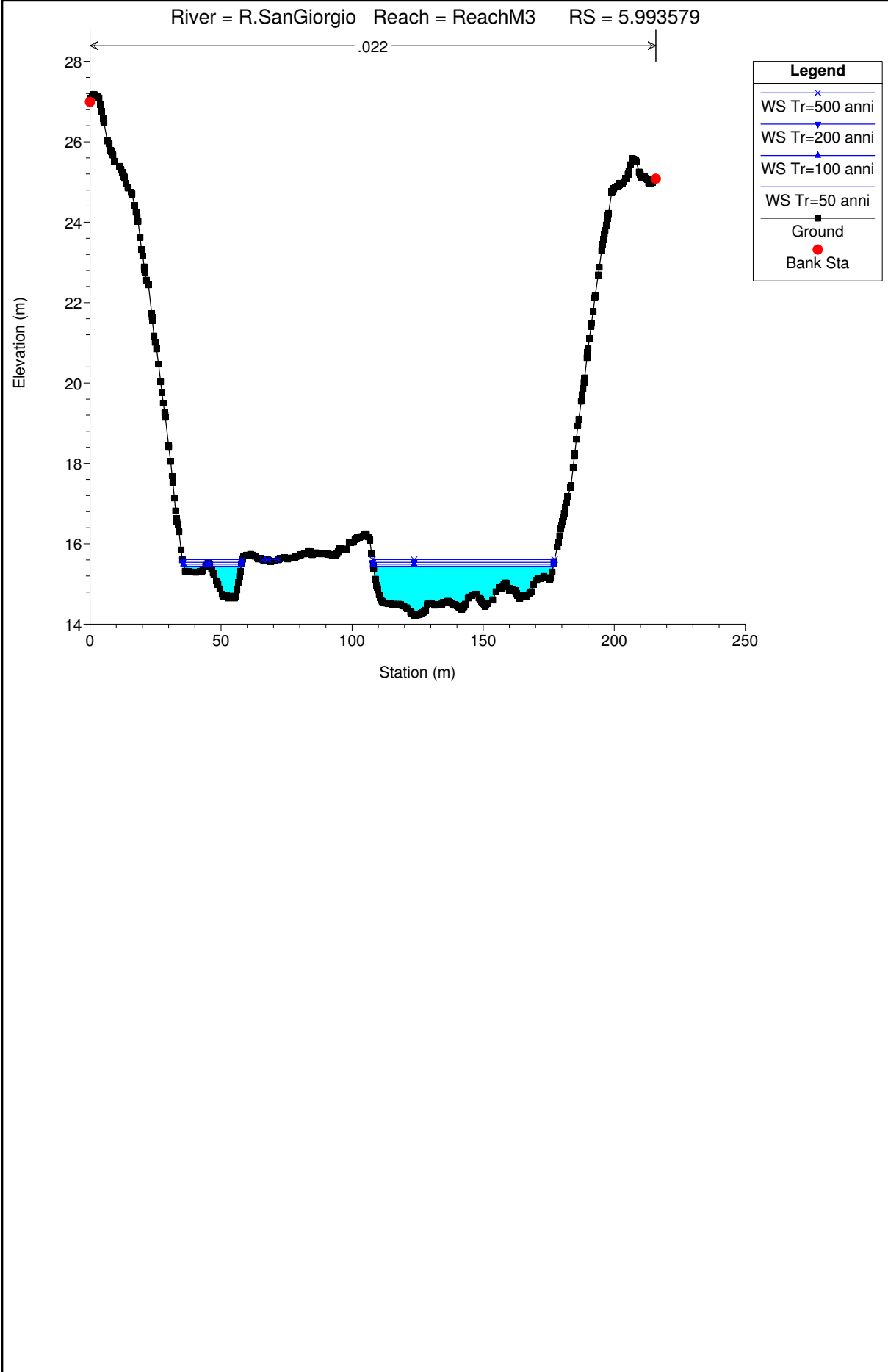


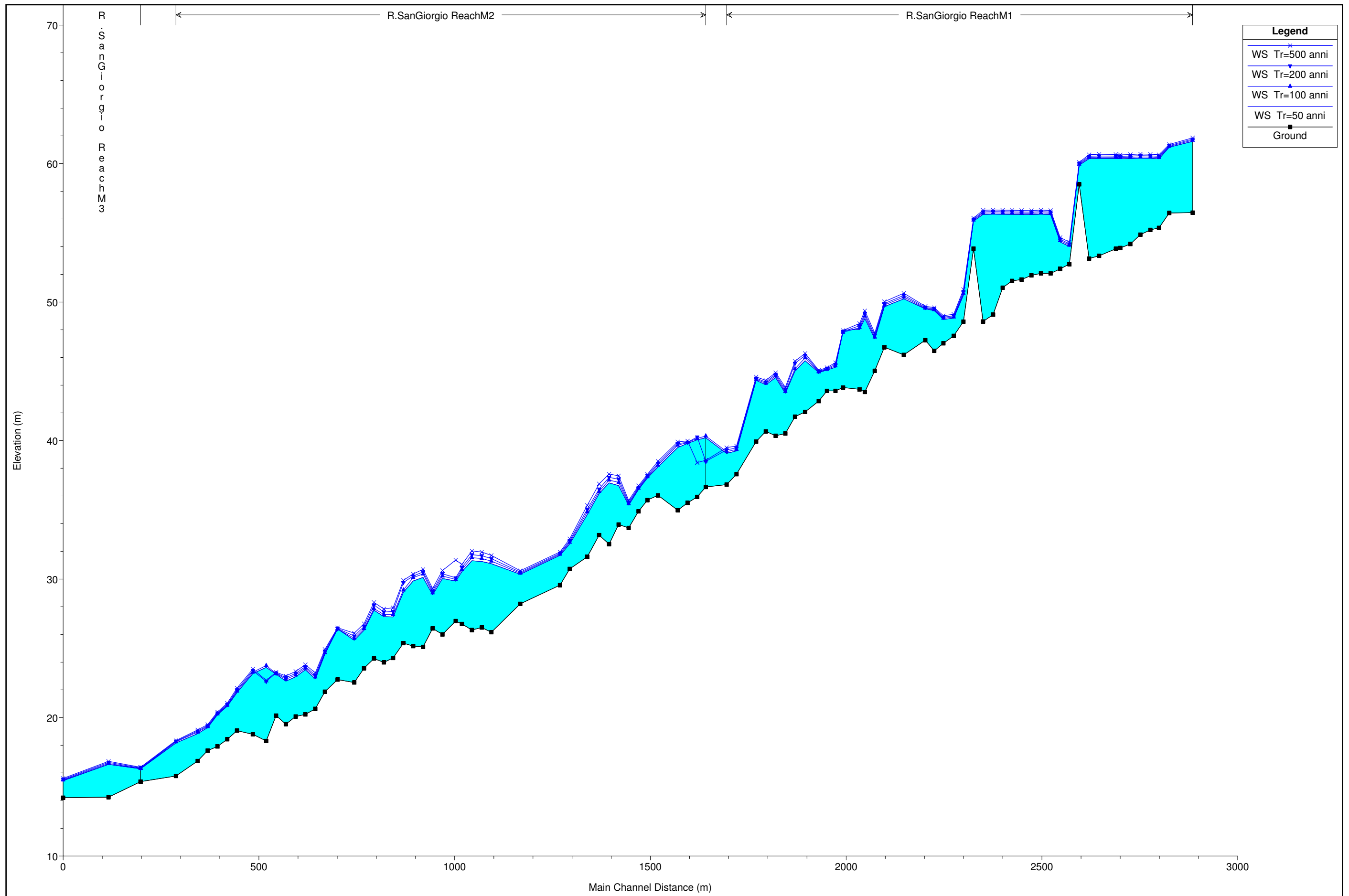






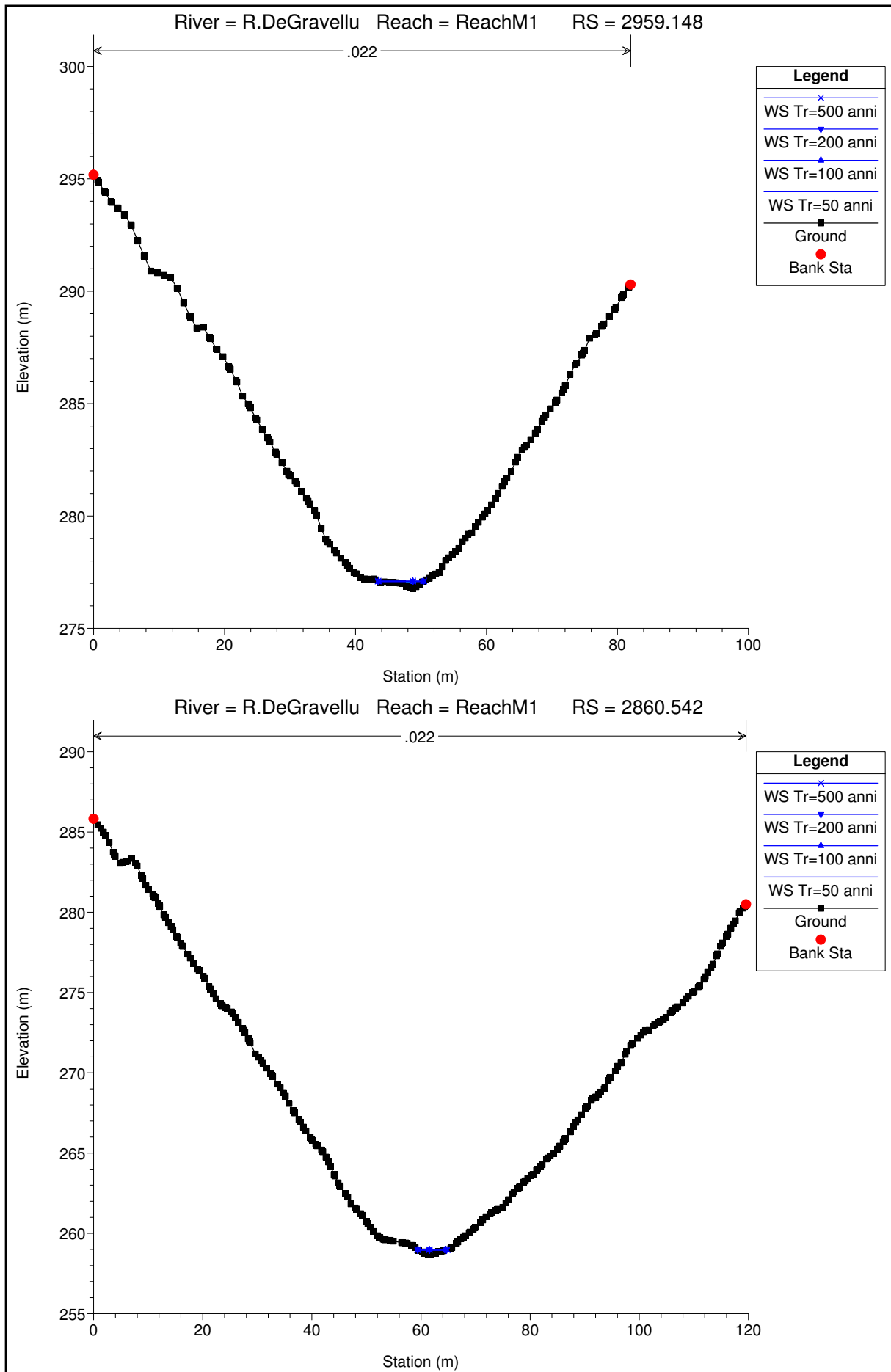


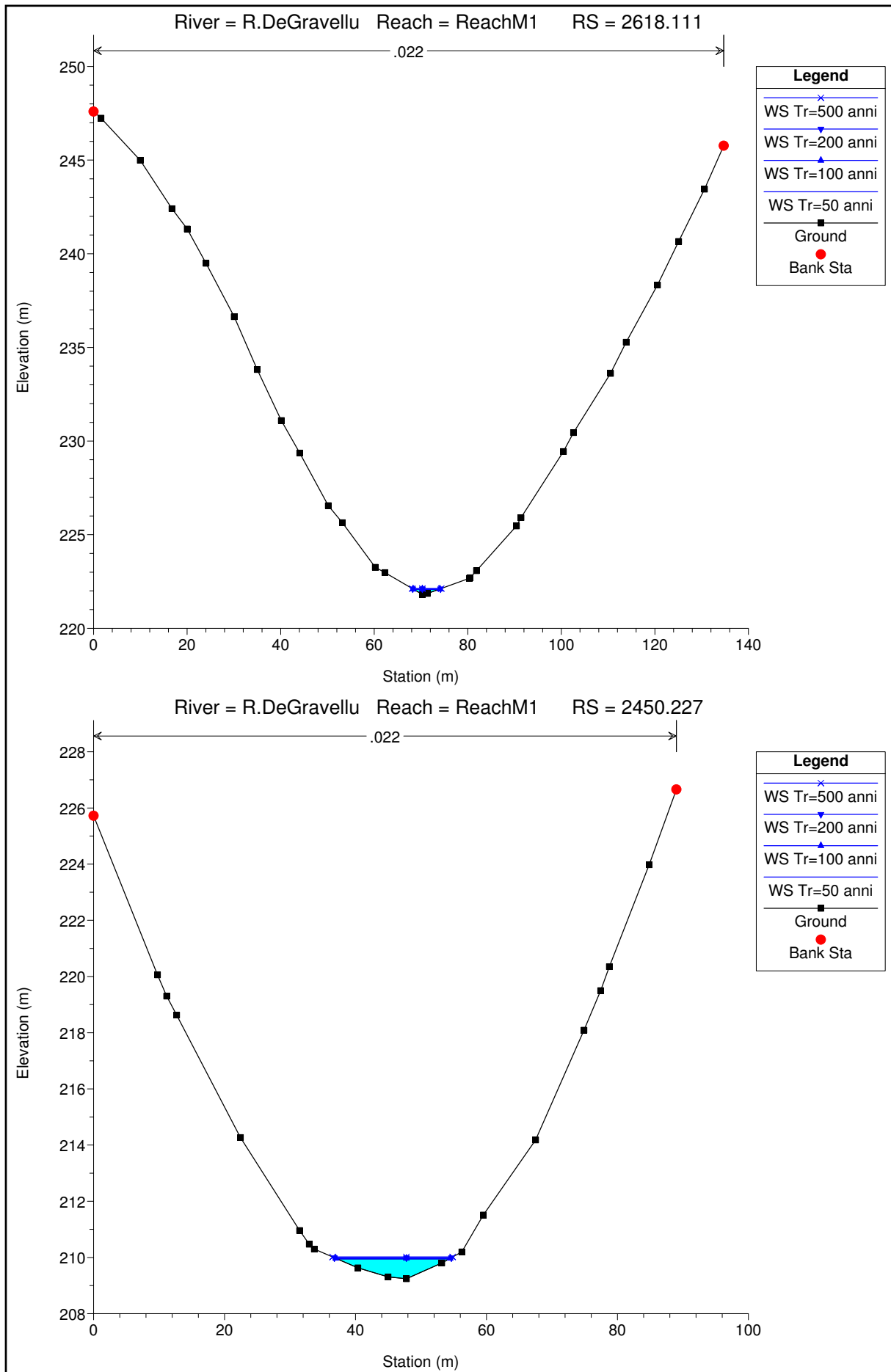


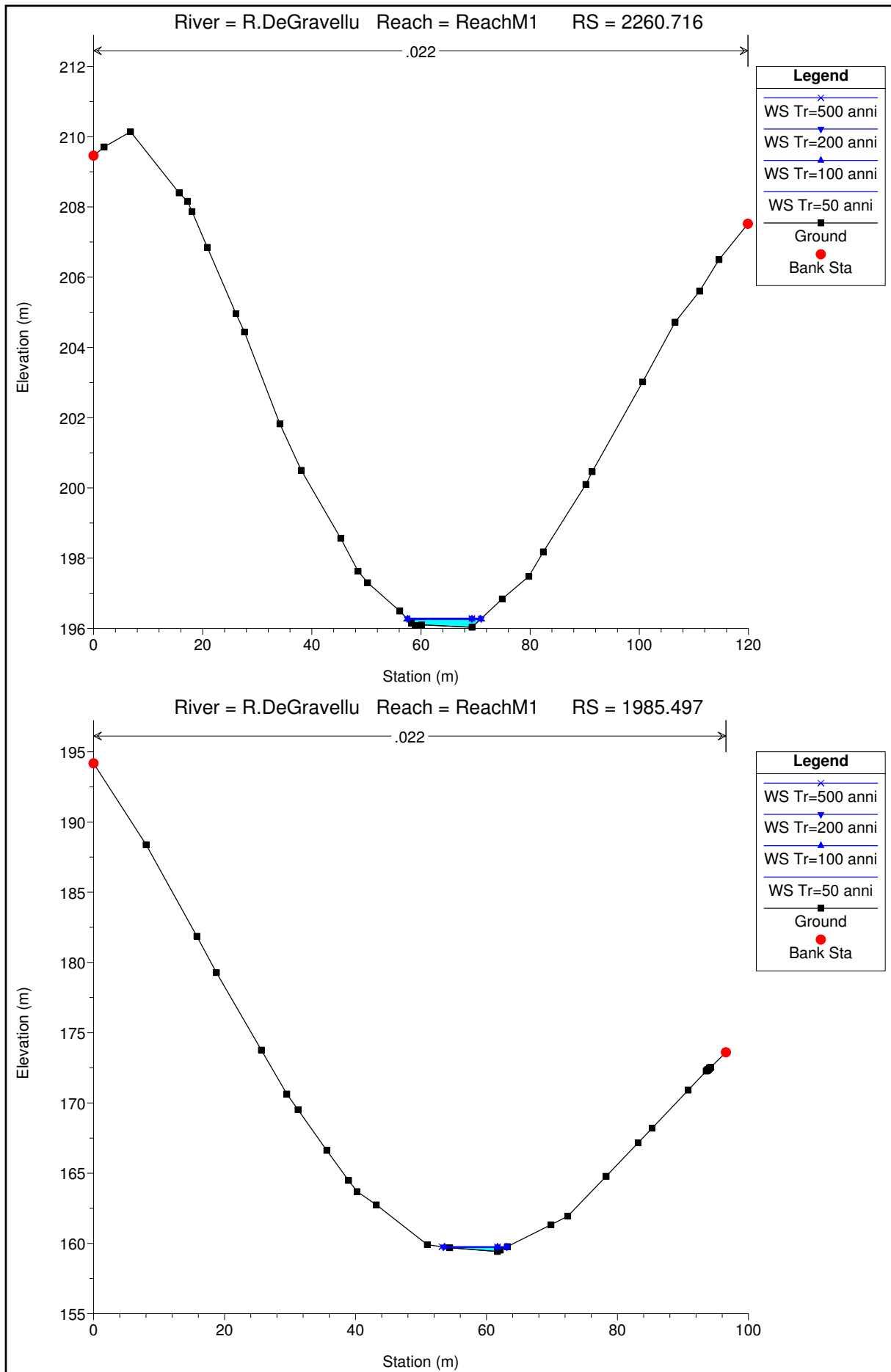


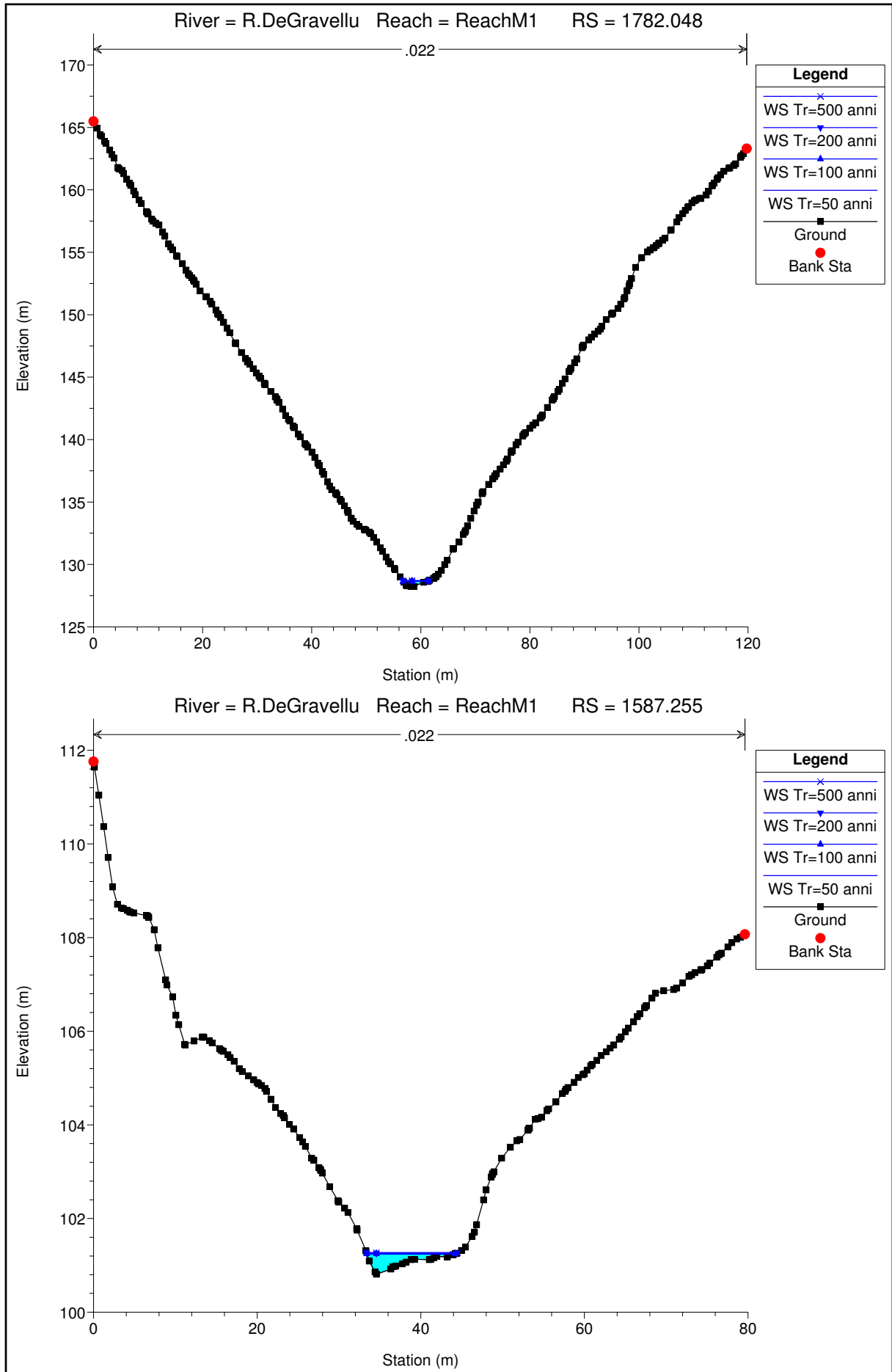
B - Bacino San Giorgio

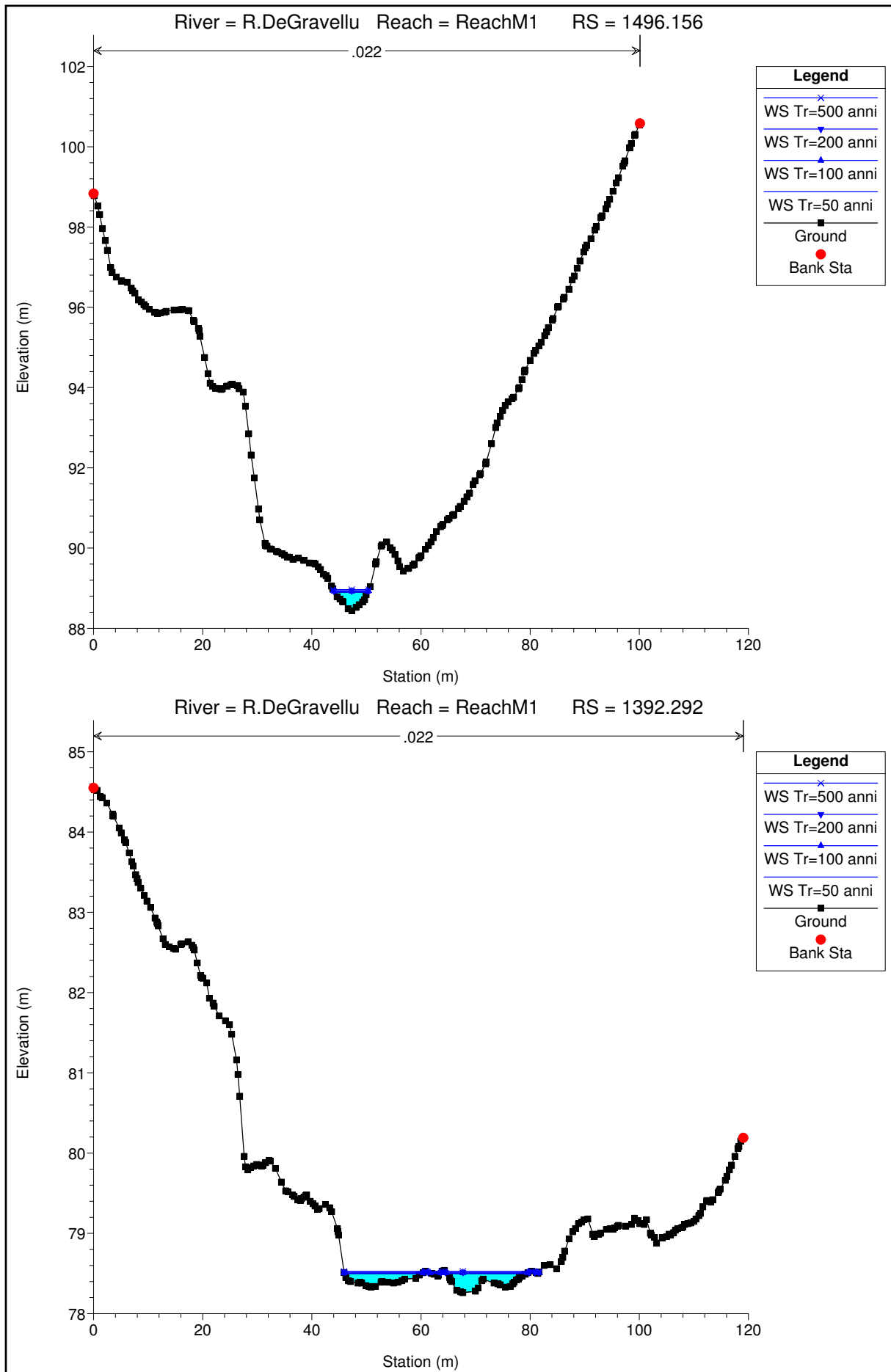
Rio de Gravellu

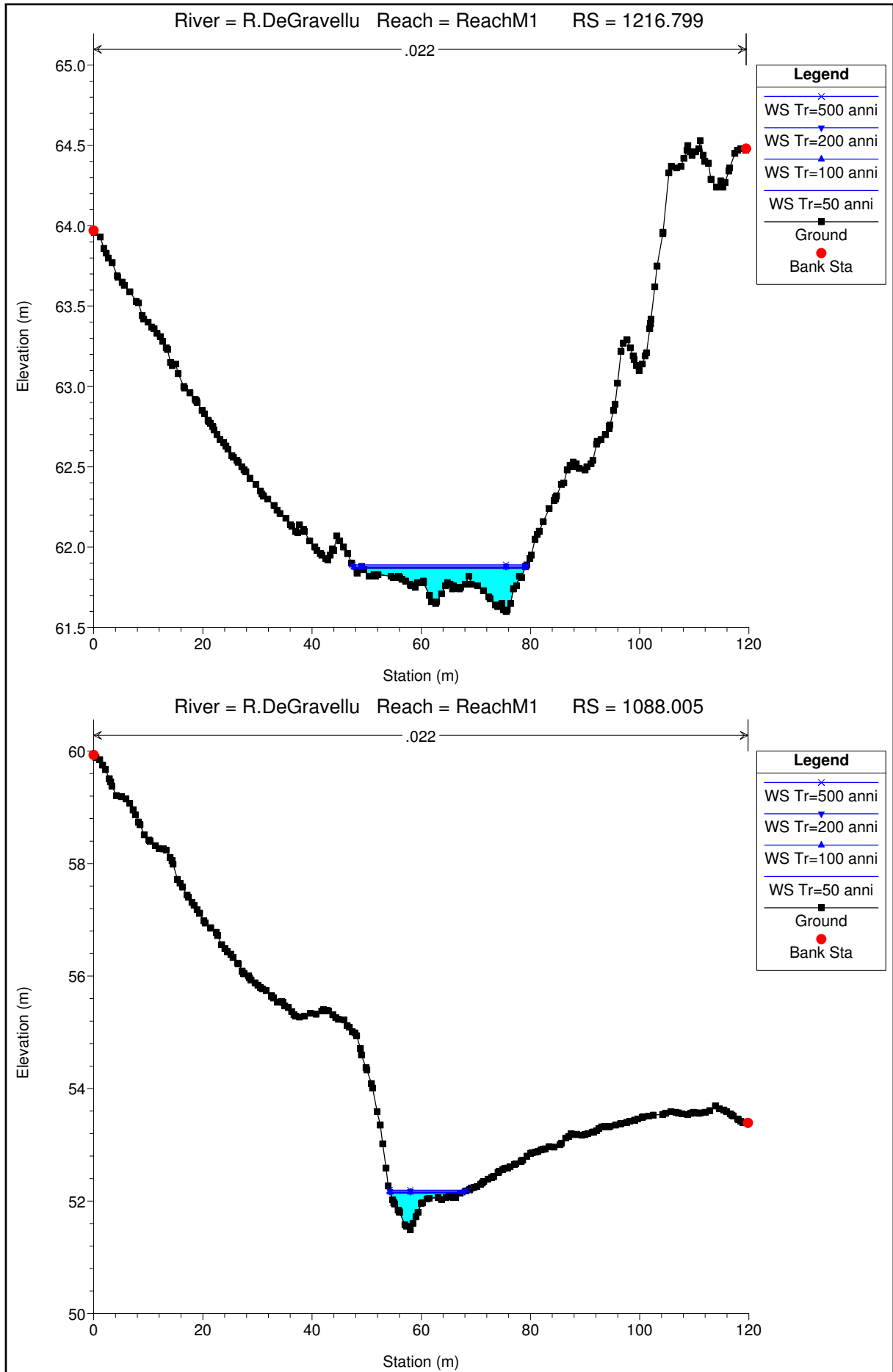


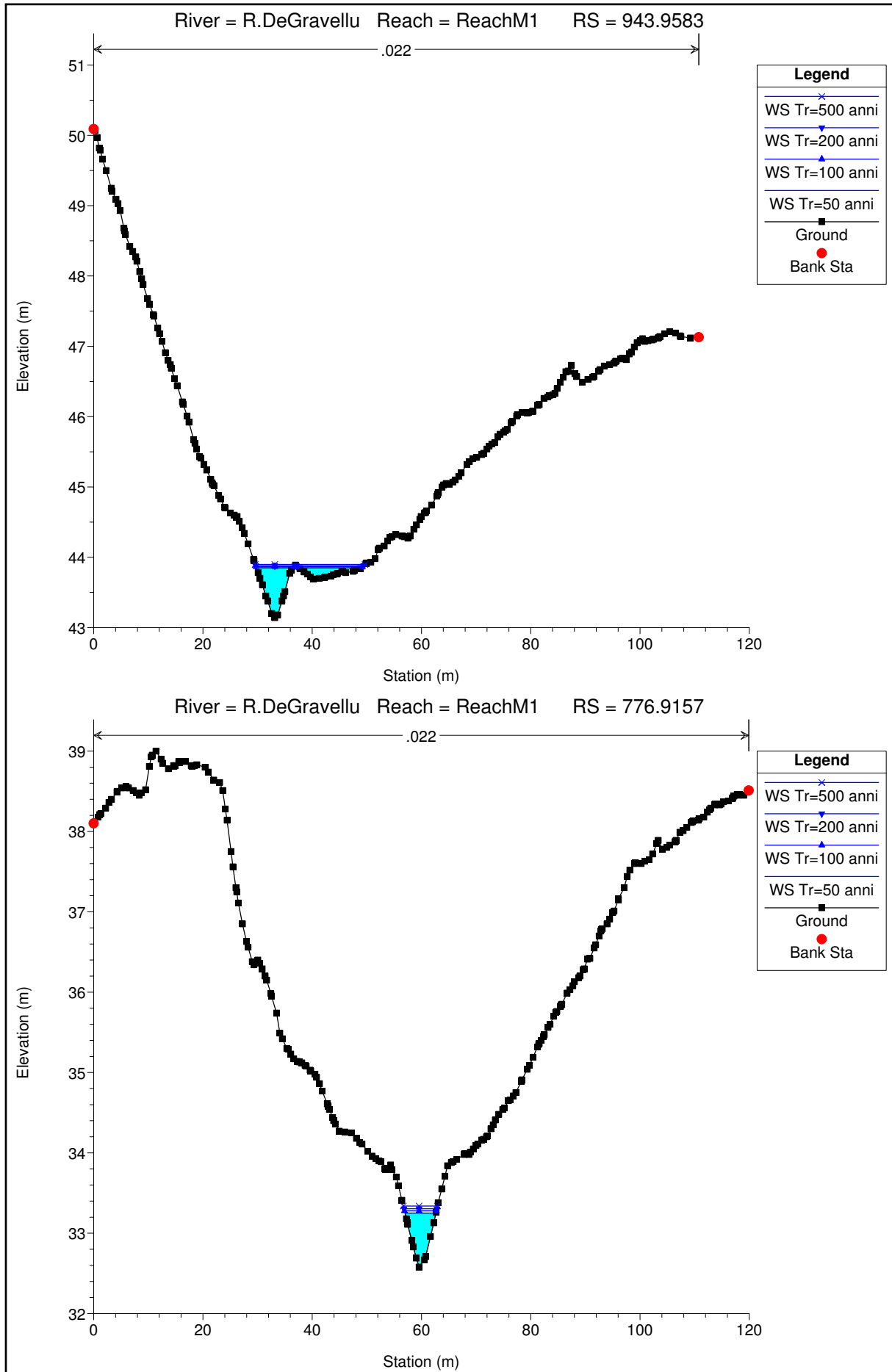


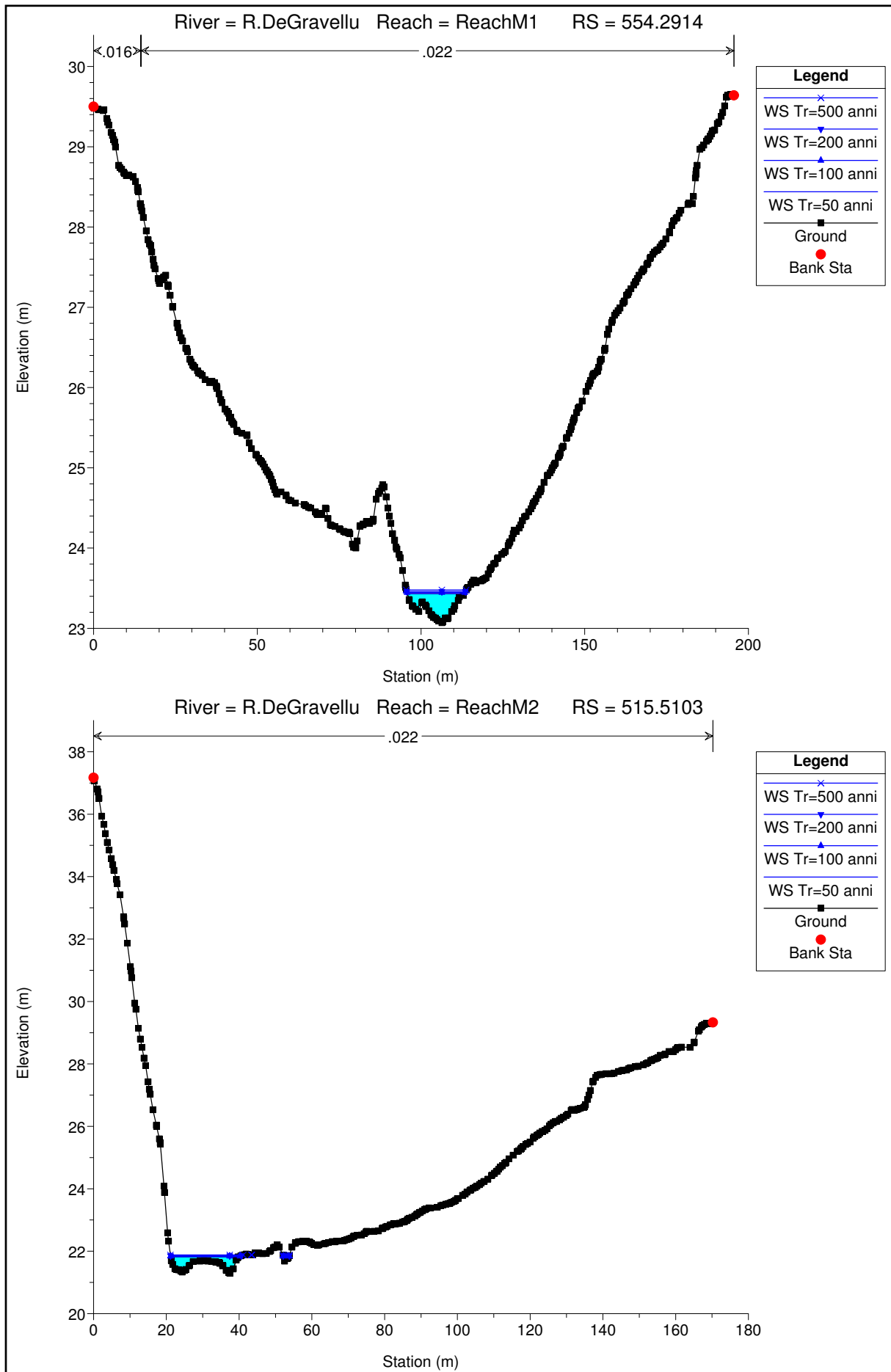


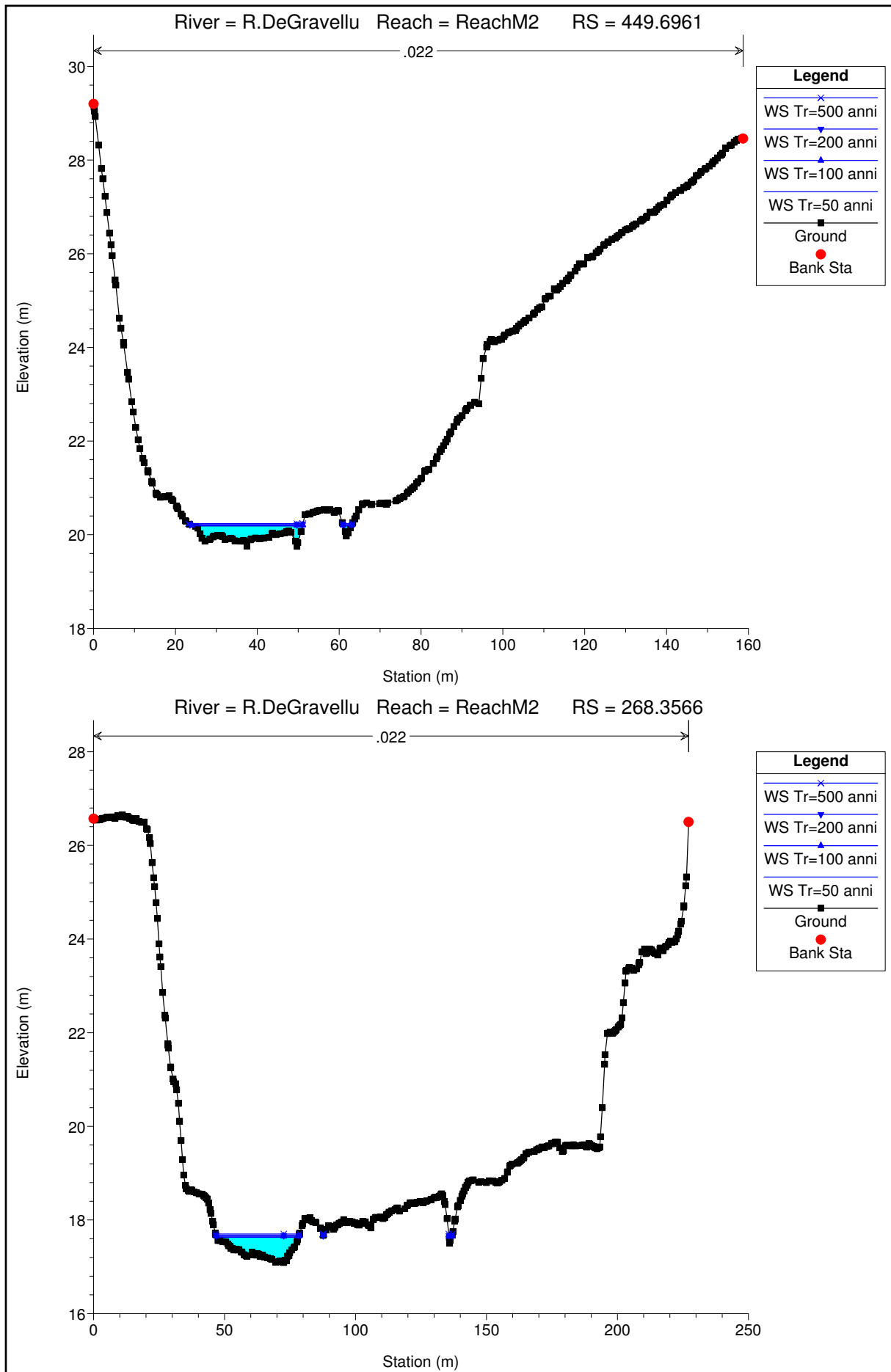


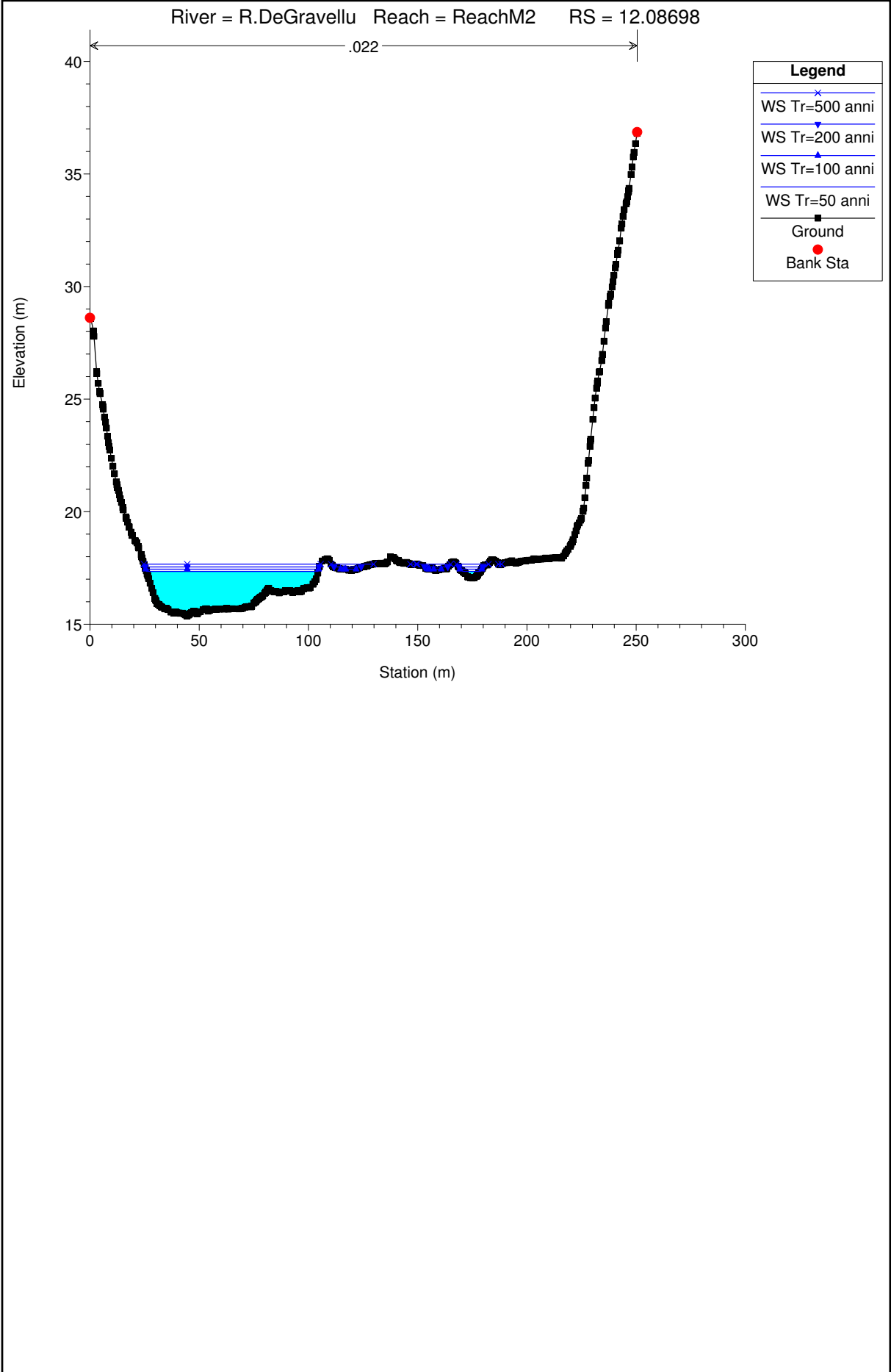








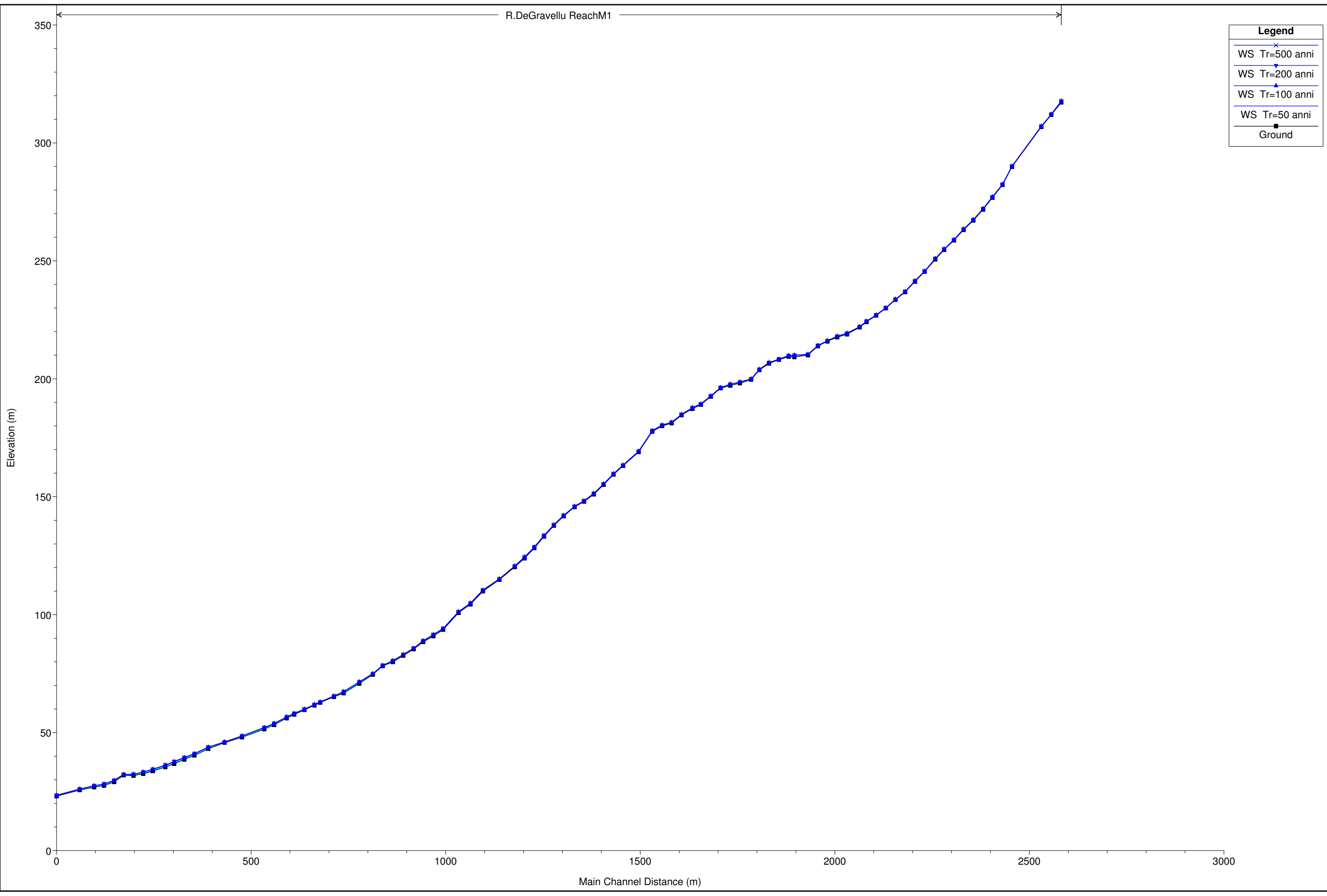


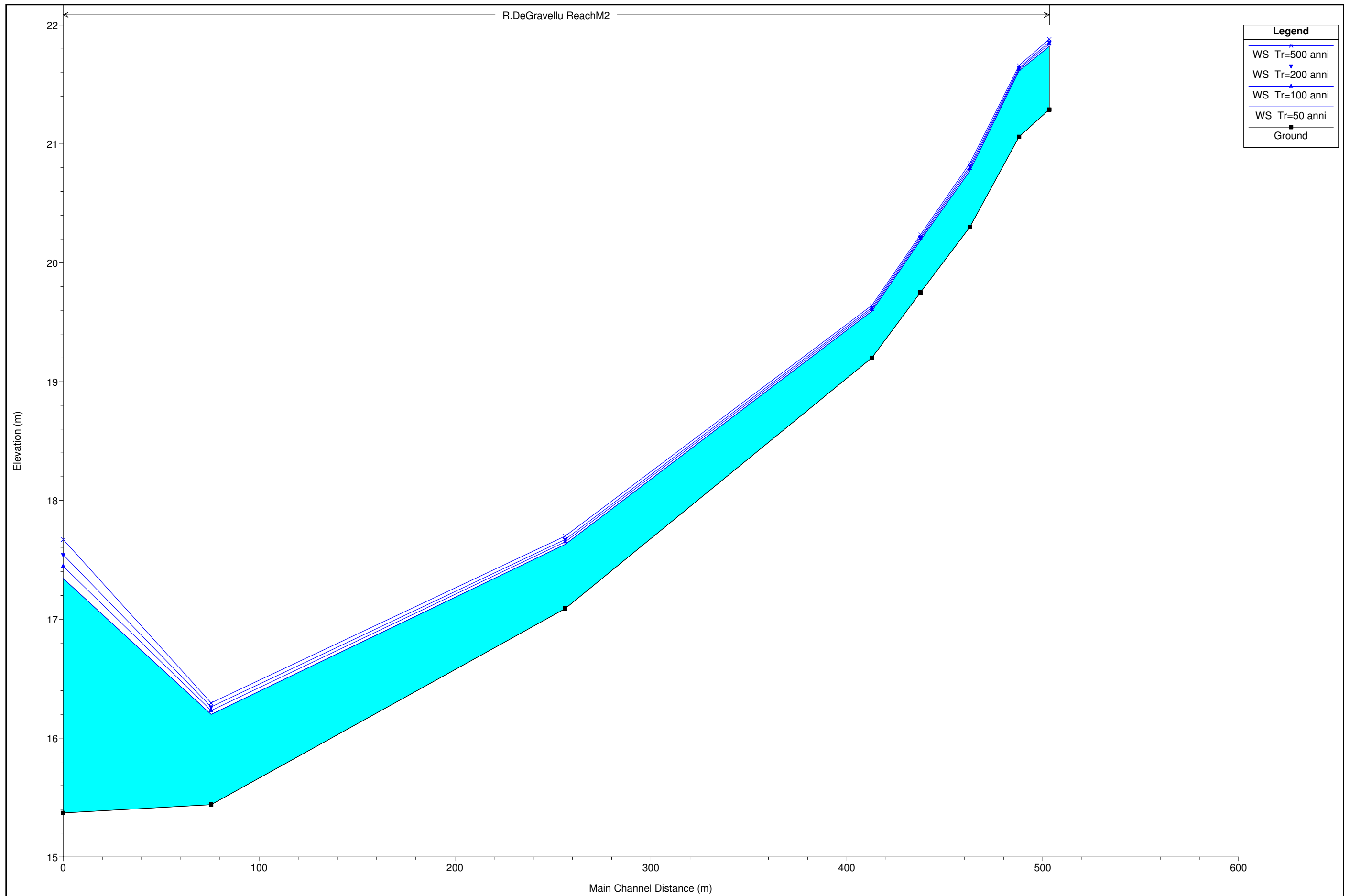


R.DeGravellu ReachM1

Legend

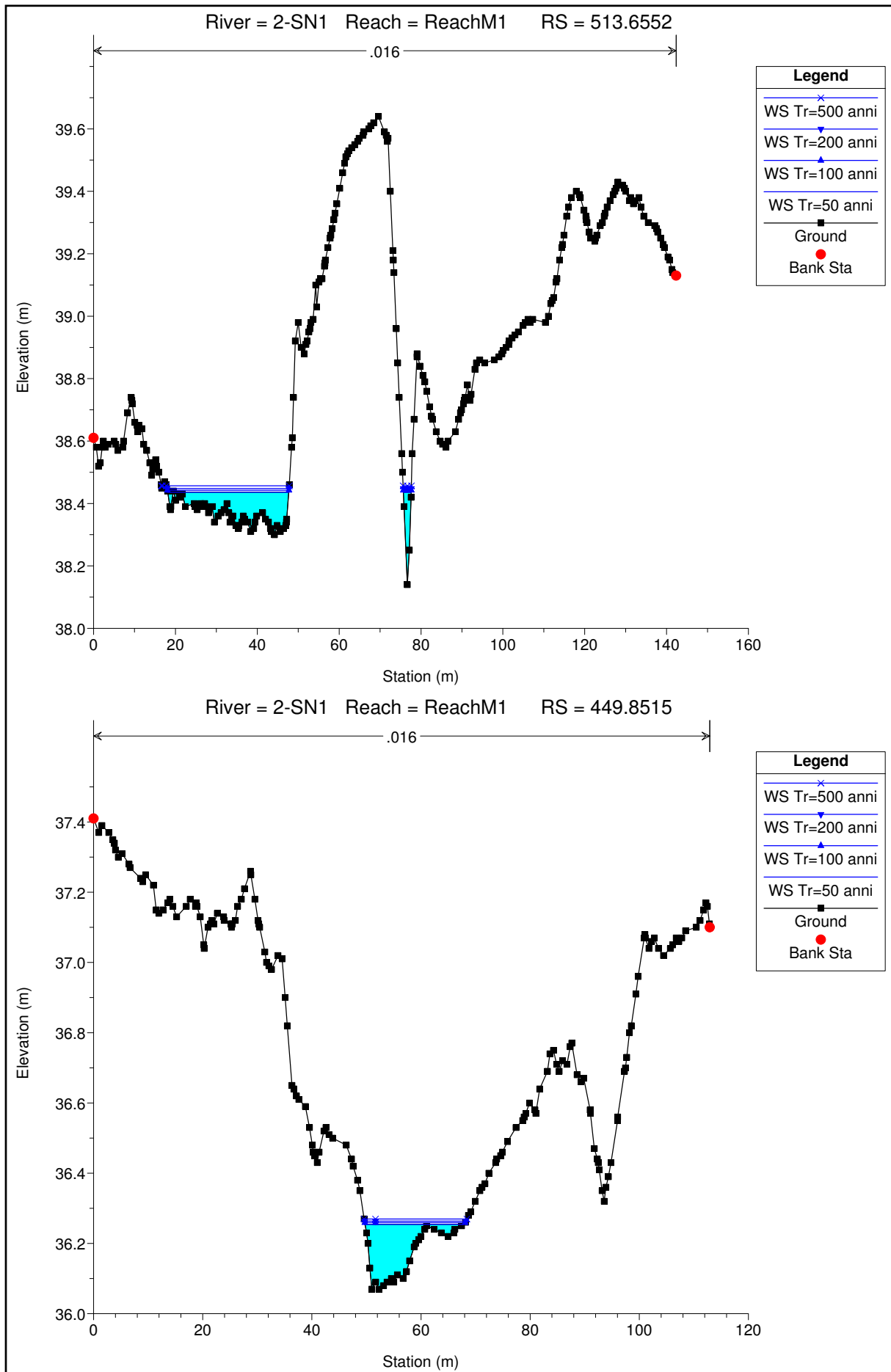
- WS Tr=500 anni
- WS Tr=200 anni
- WS Tr=100 anni
- WS Tr=50 anni
- Ground

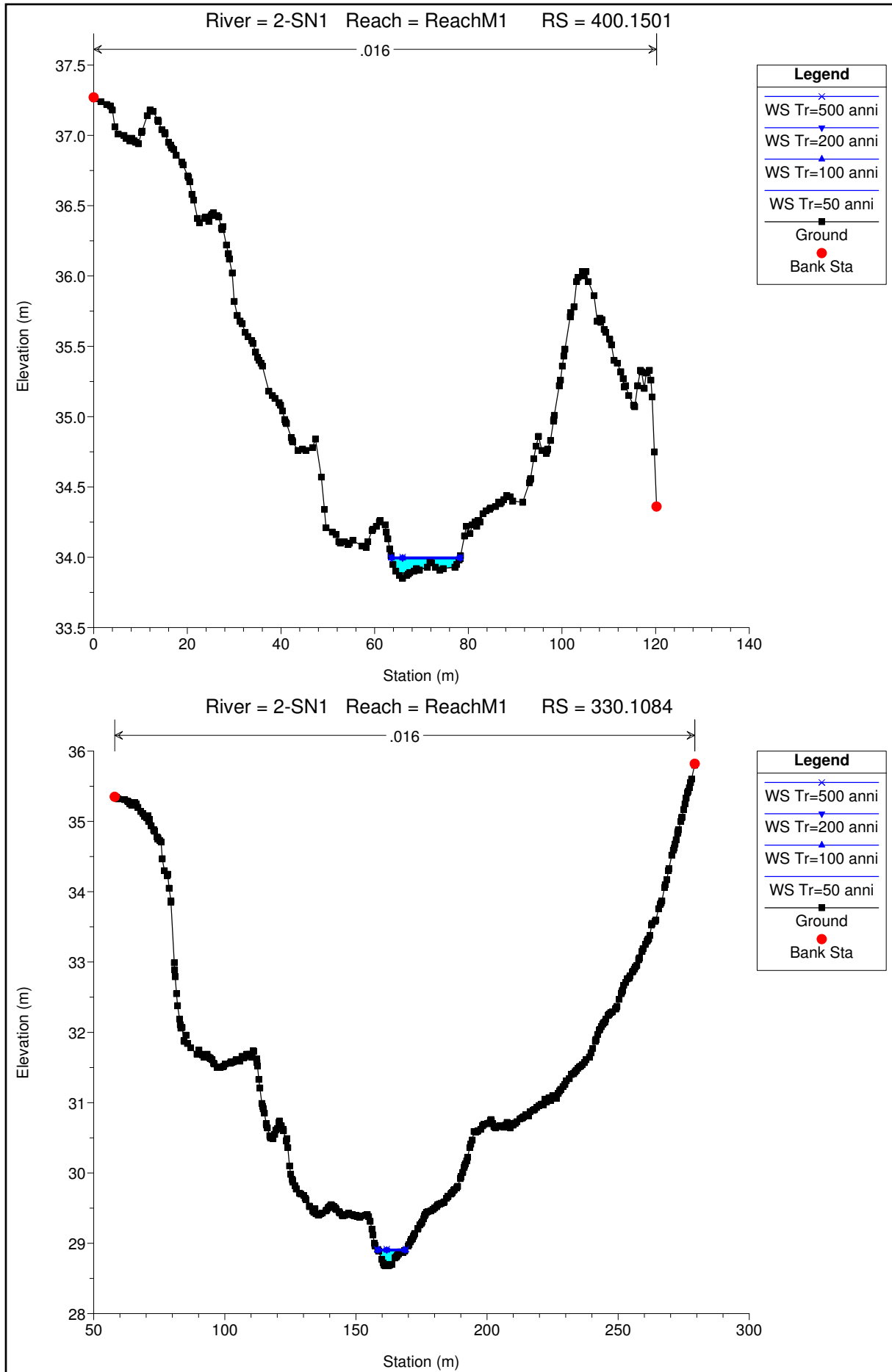


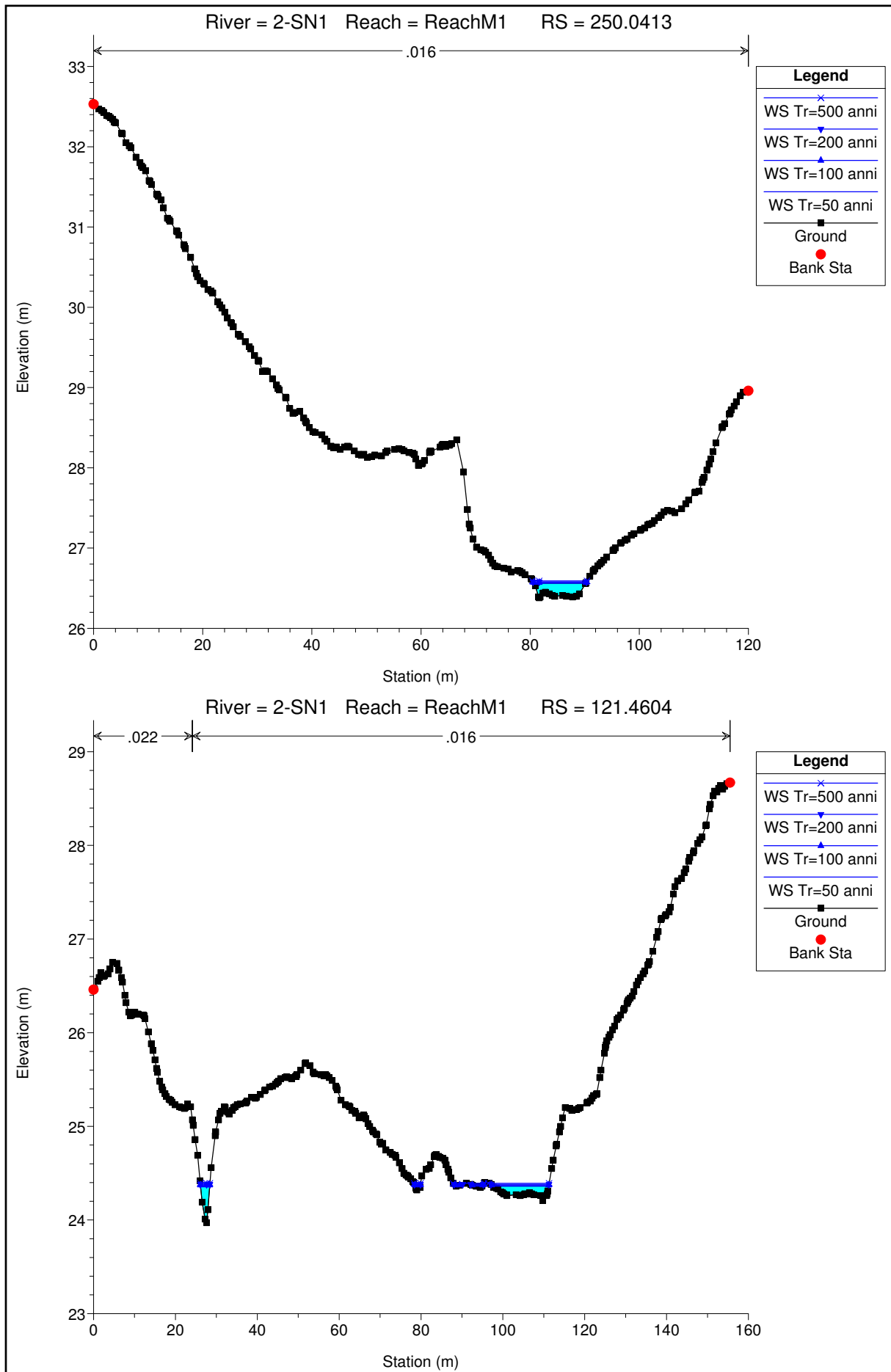


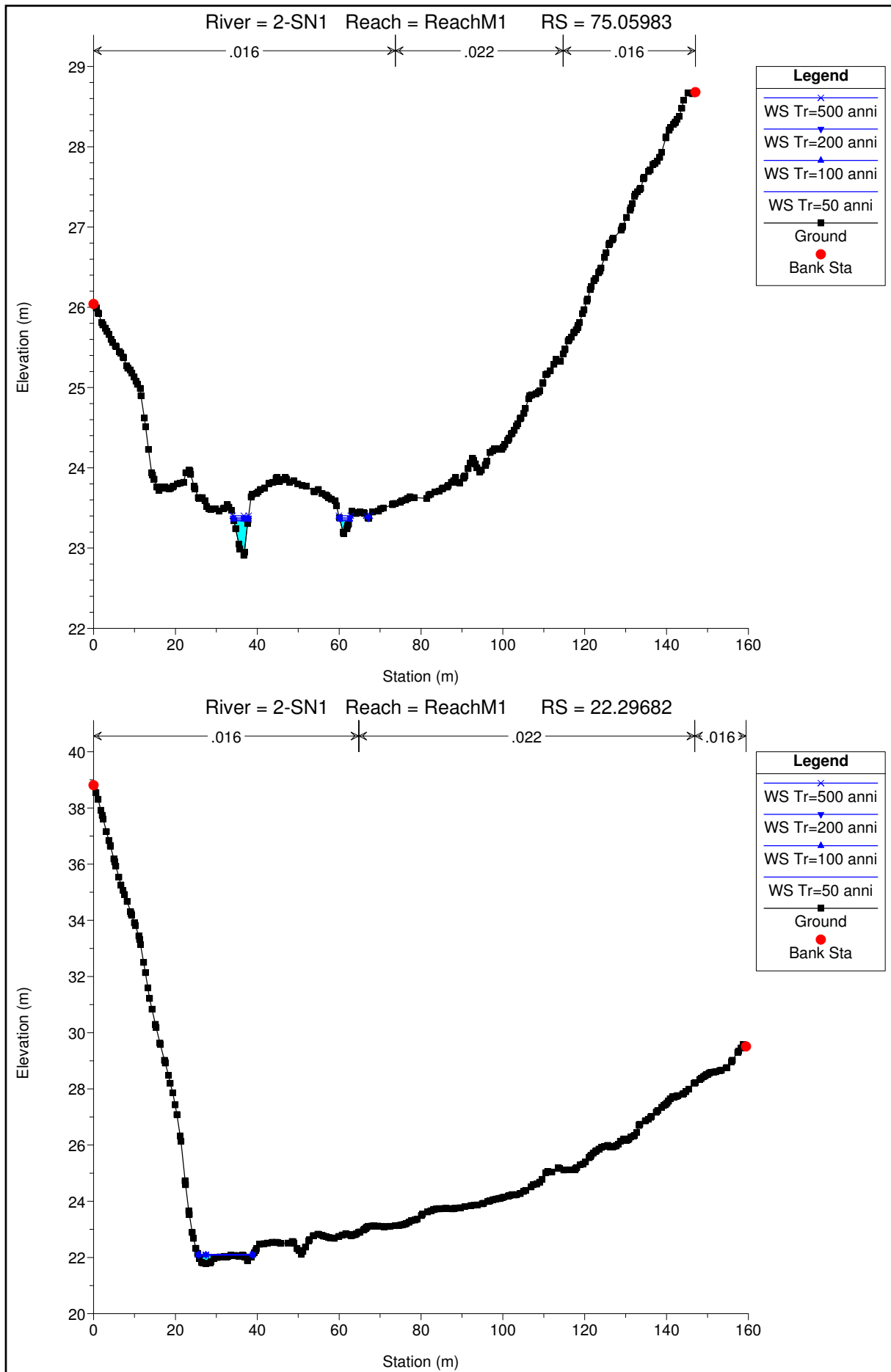
B - Bacino San Giorgio

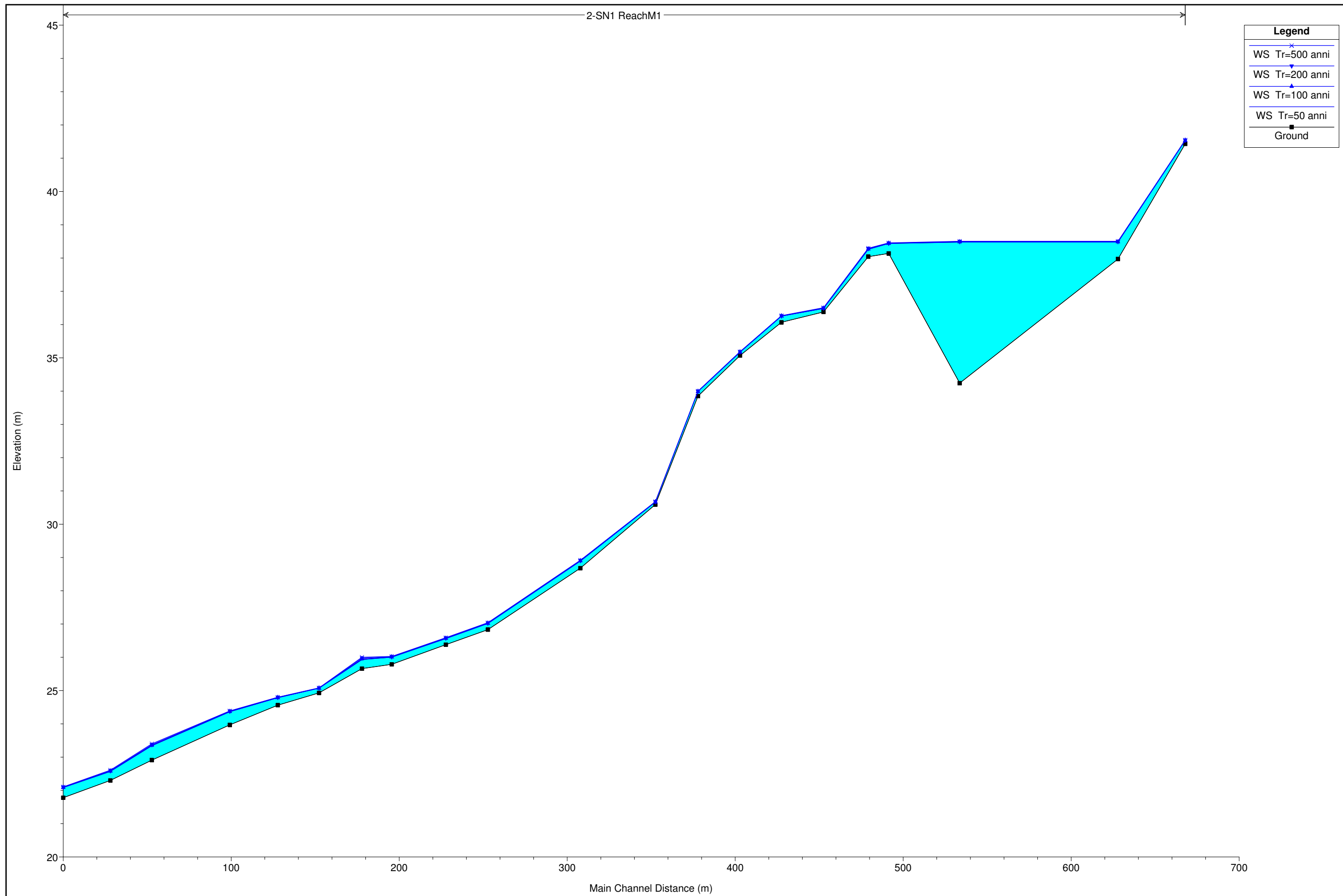
tronco 2-SN1

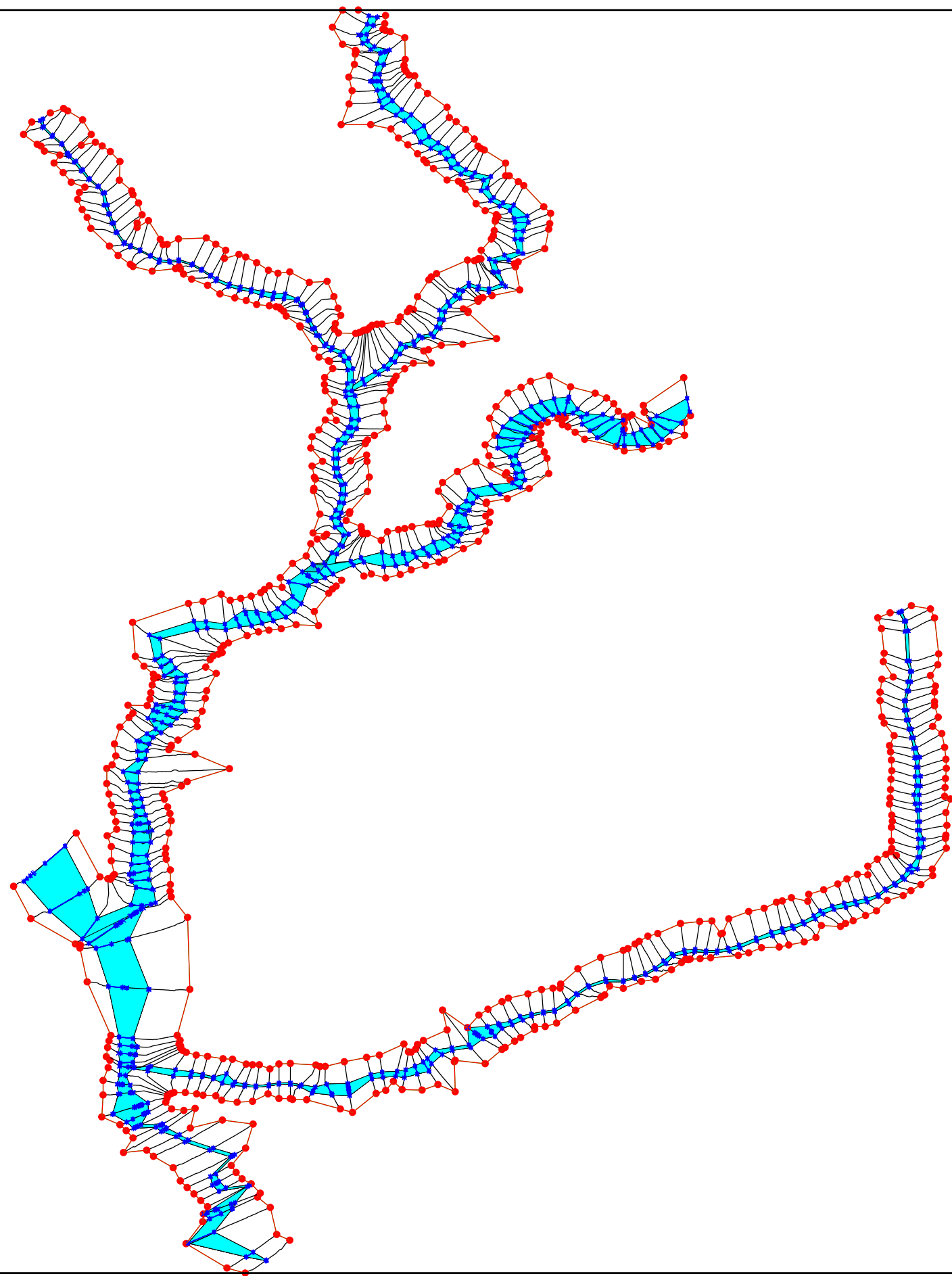










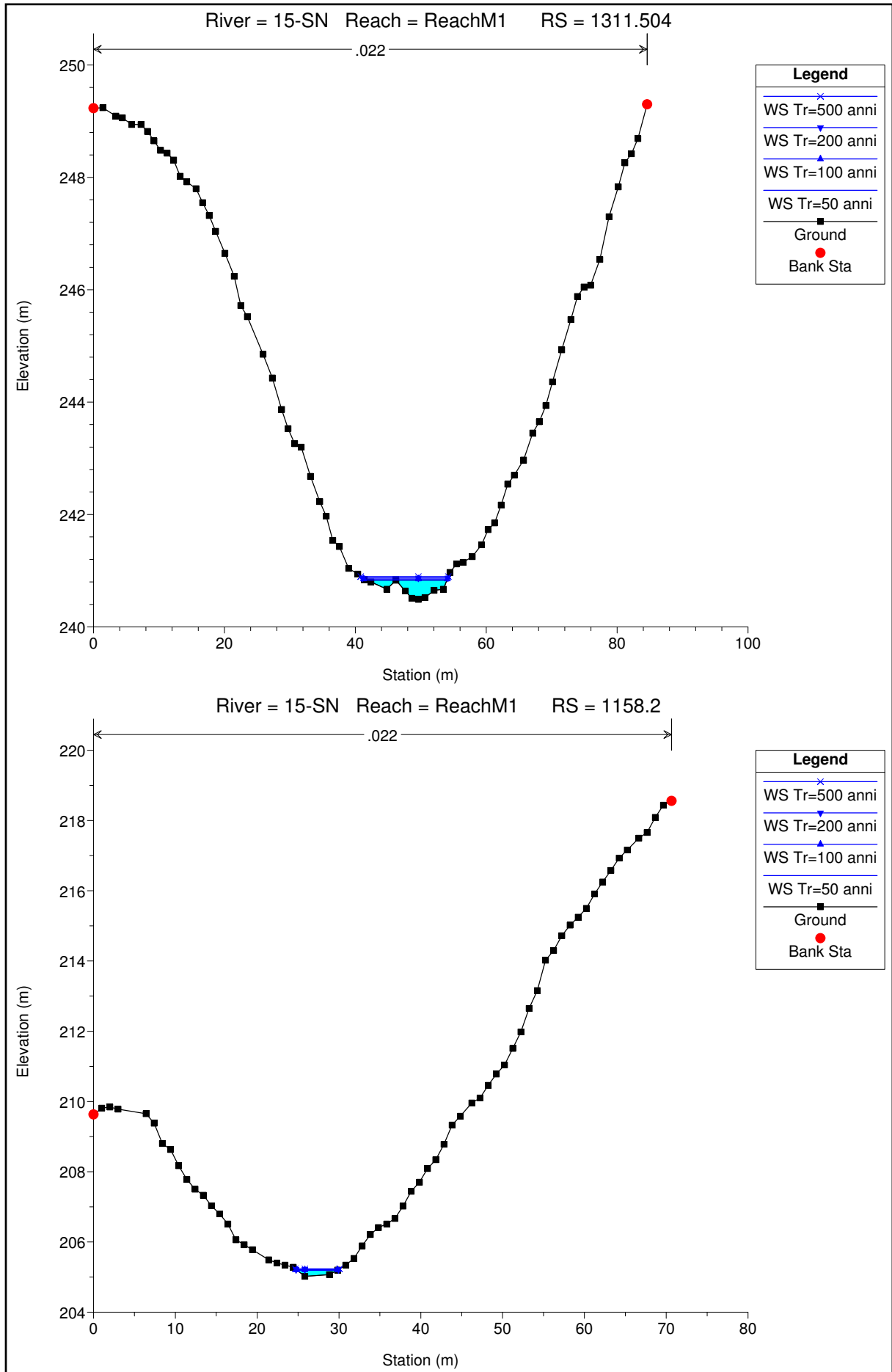


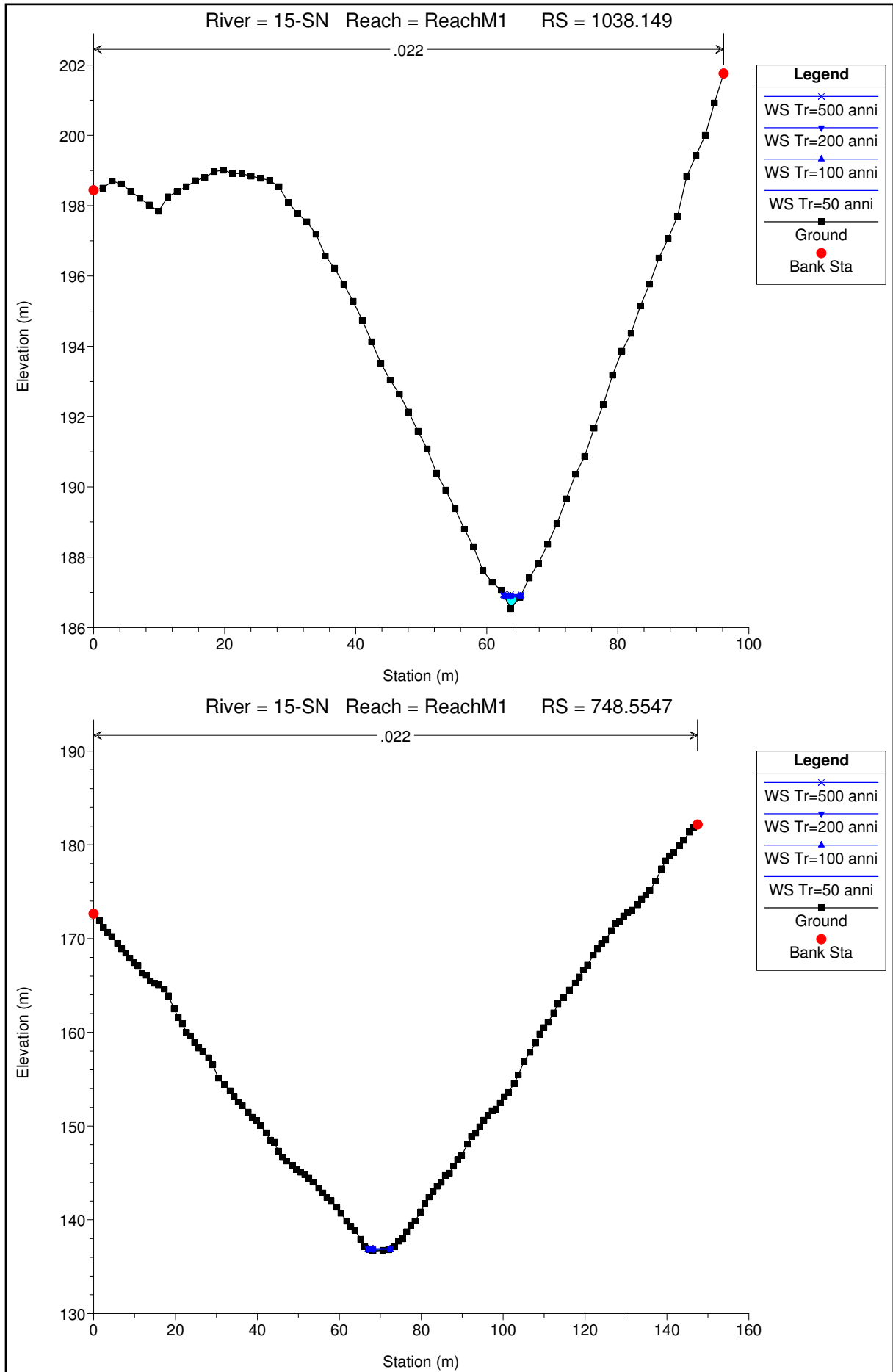
C - Bacino Canale Mannu

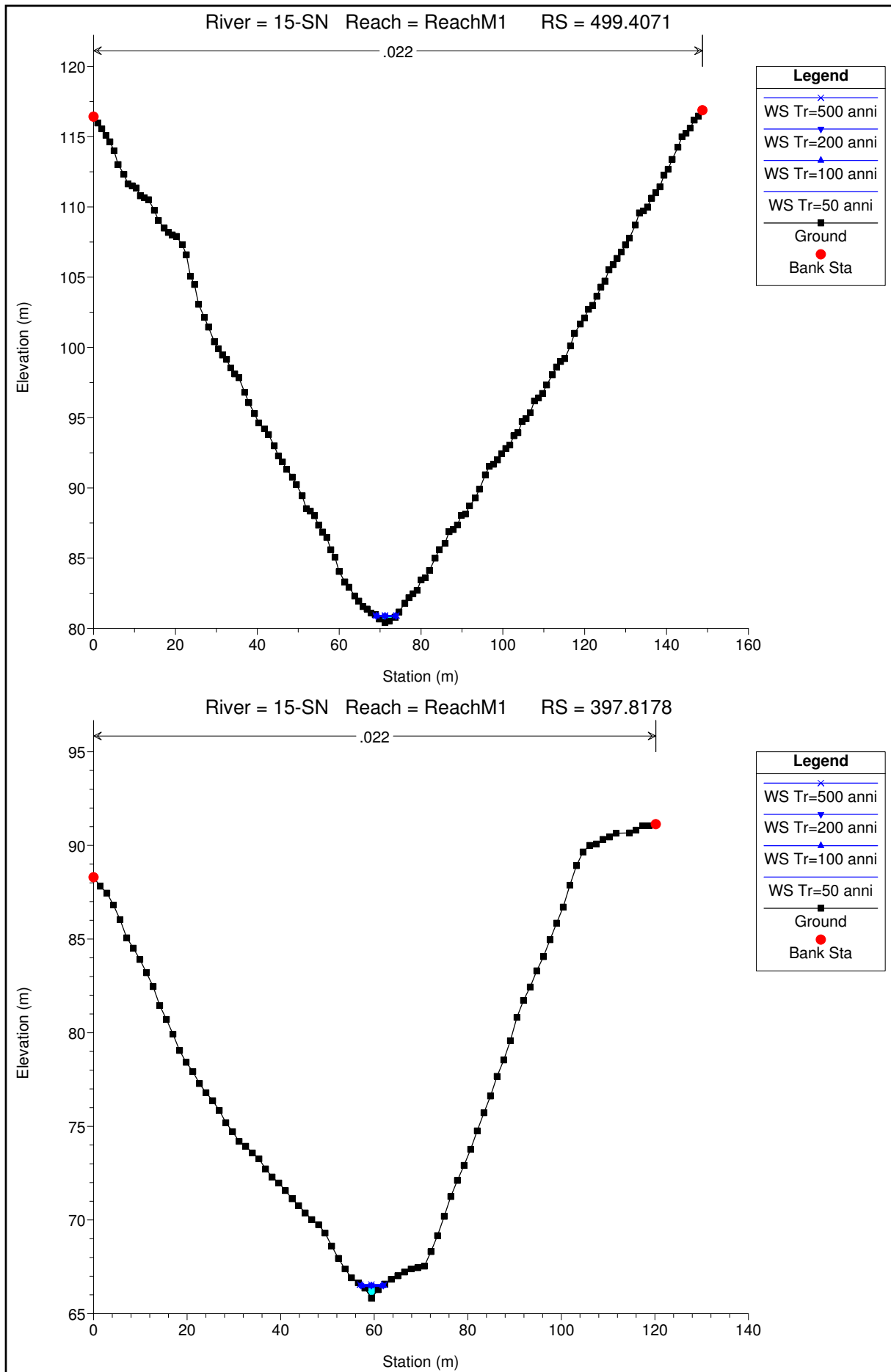
- sub-bacino 15 - Canale Mannu (ramo 2)
 - a. sub-bacino 15a - affluente Canale Mannu (15-SN)
 - b. sub-bacino 15b - Canale Mannu (ramo 1)

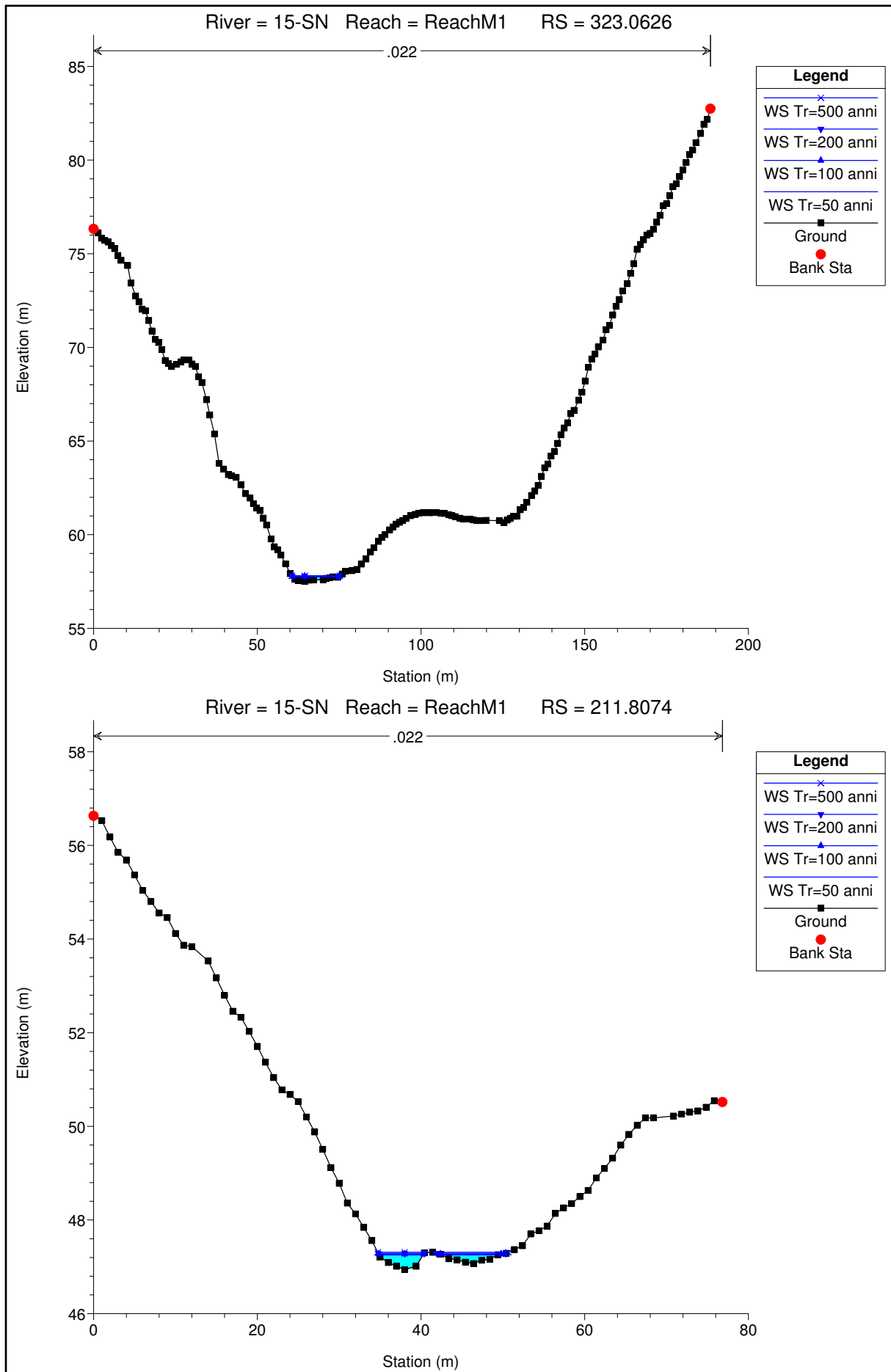
C - Bacino Canale Mannu

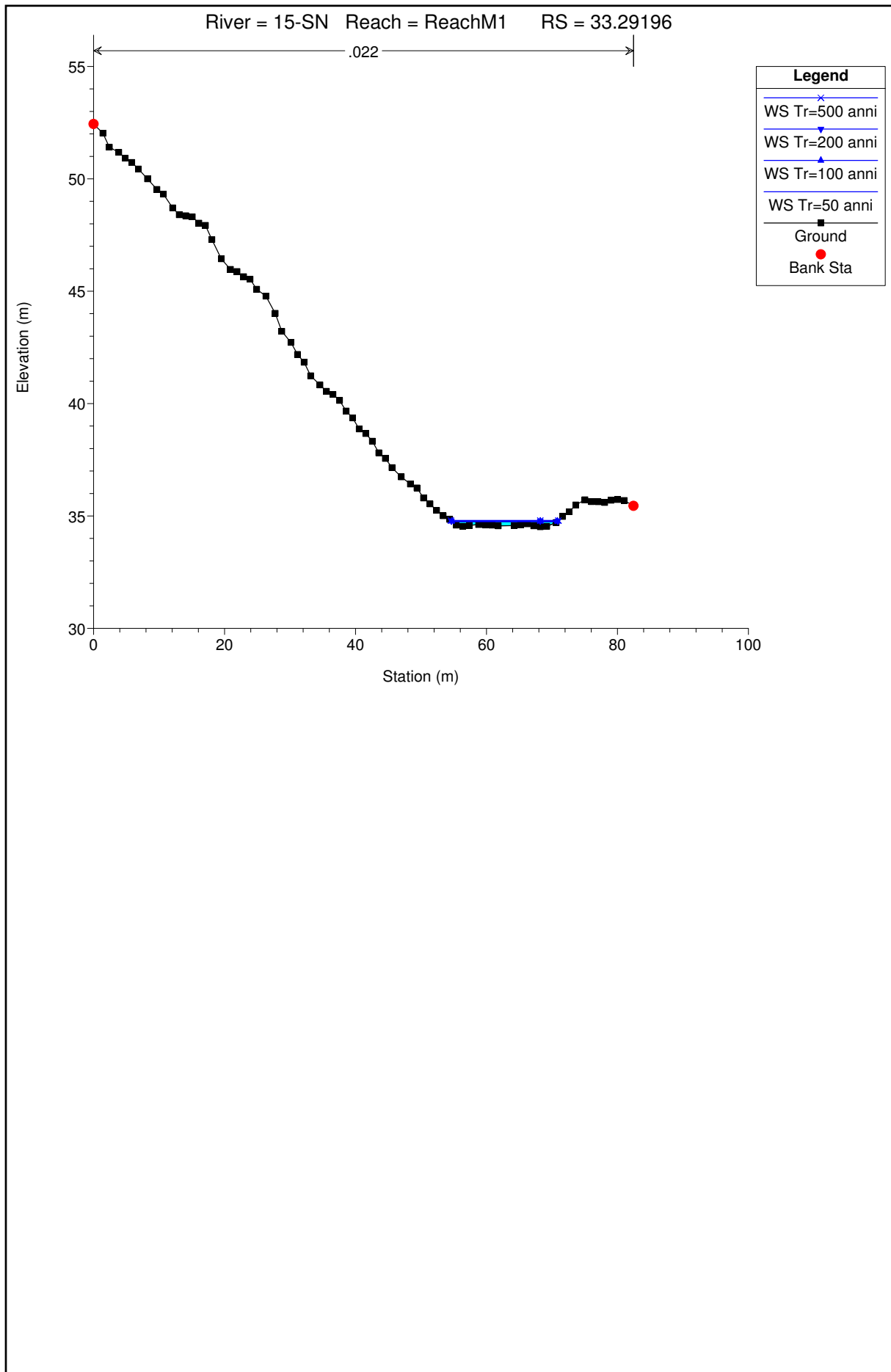
tronco 15-SN

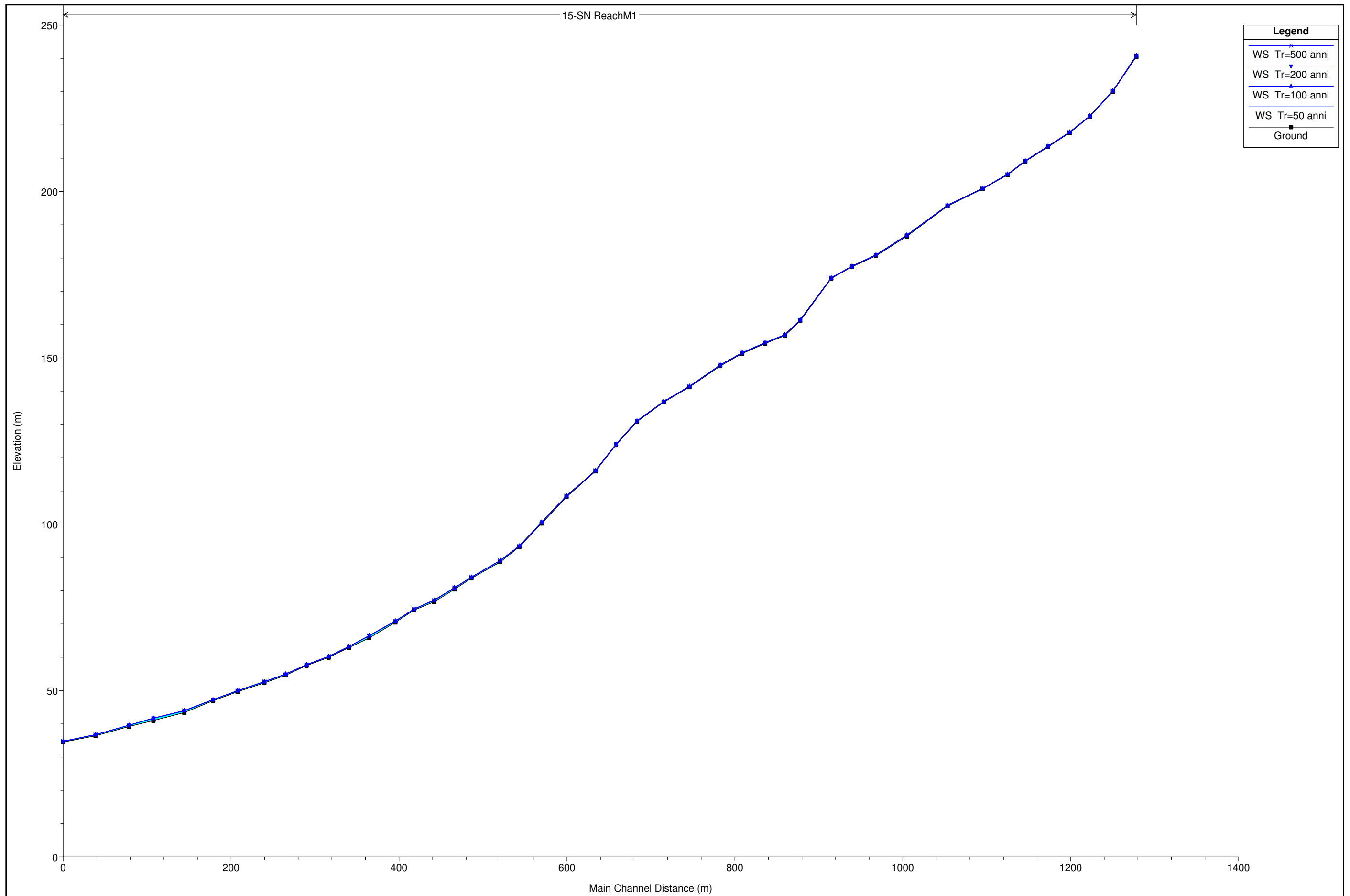






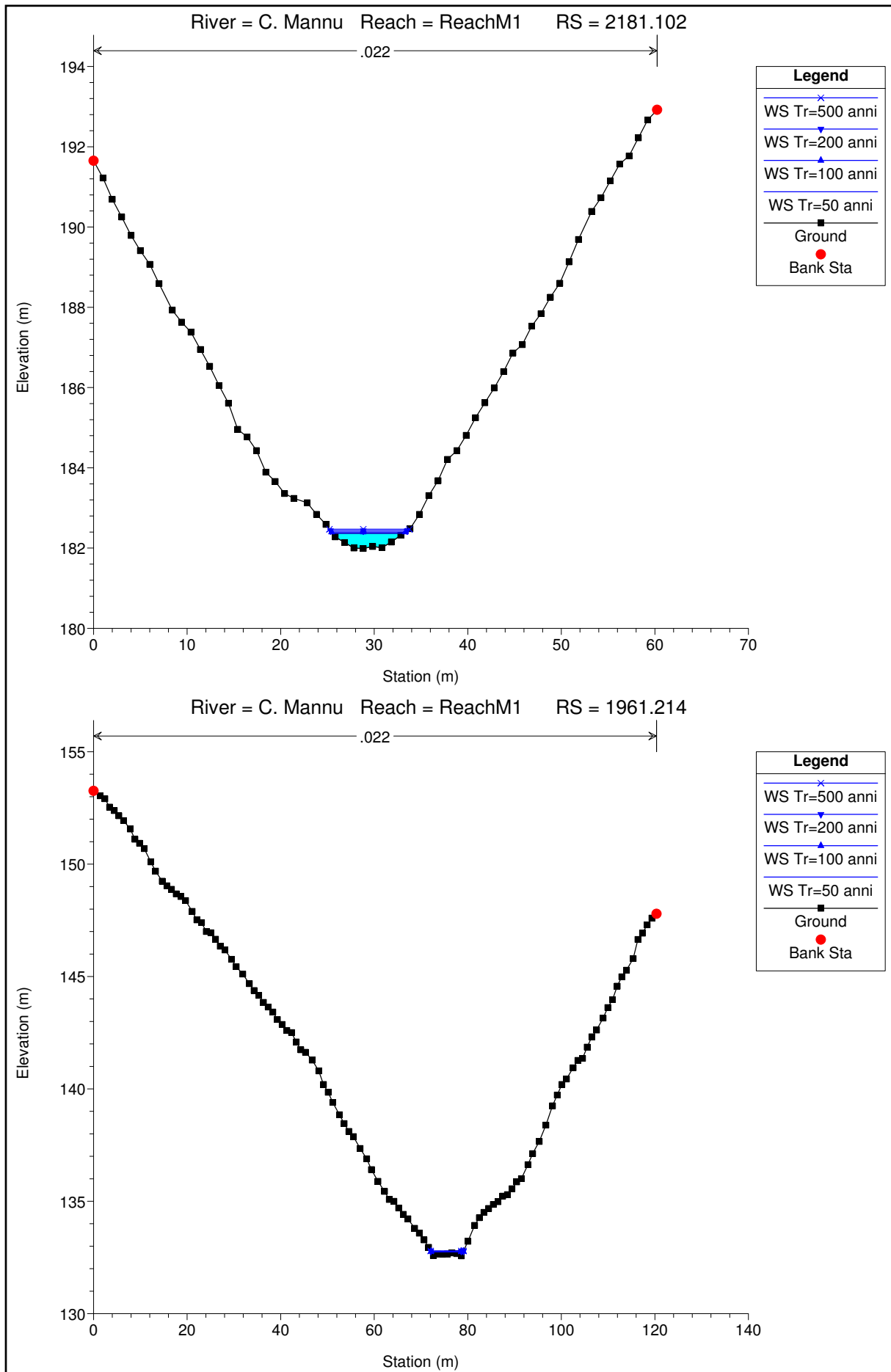


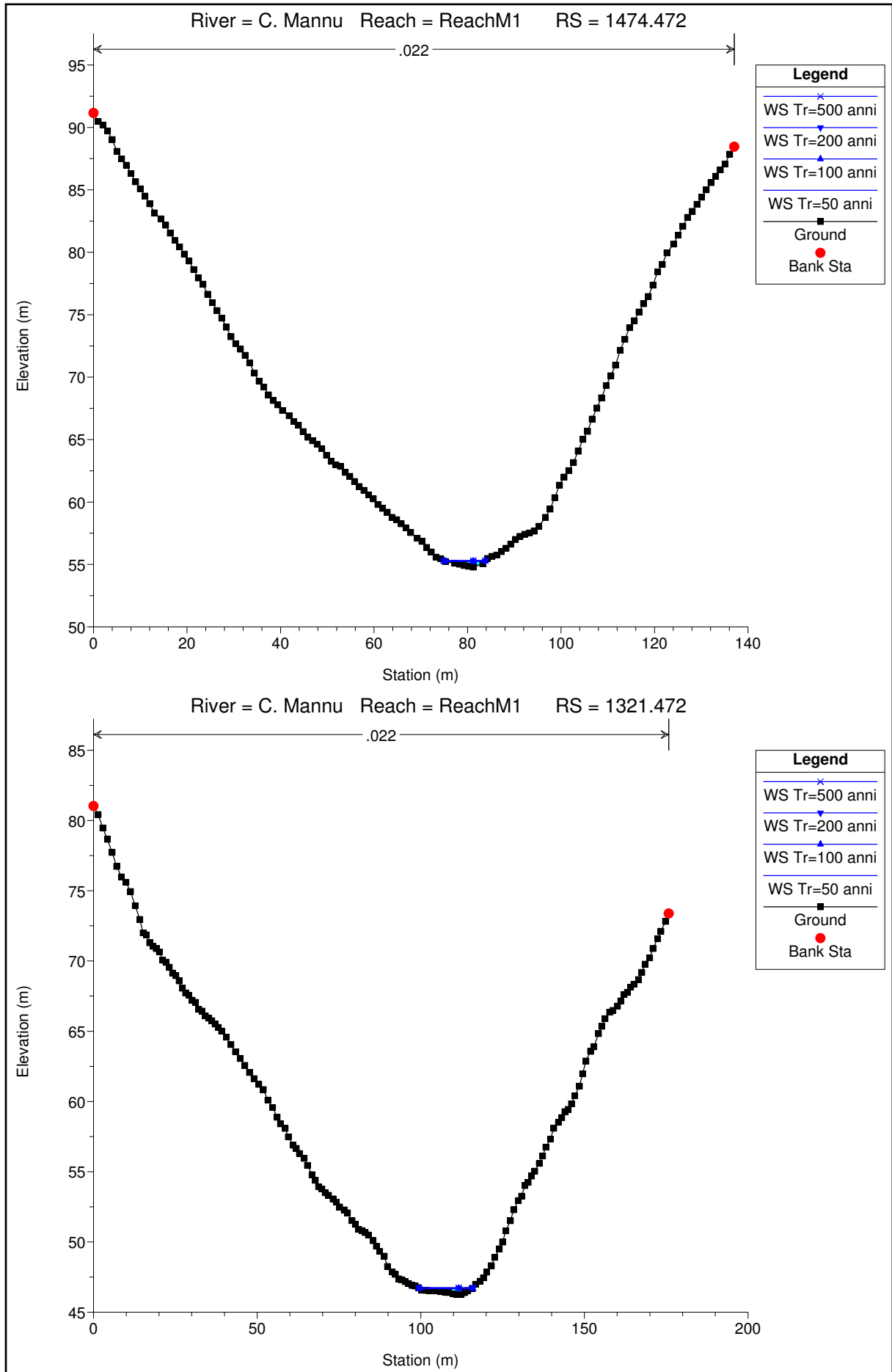


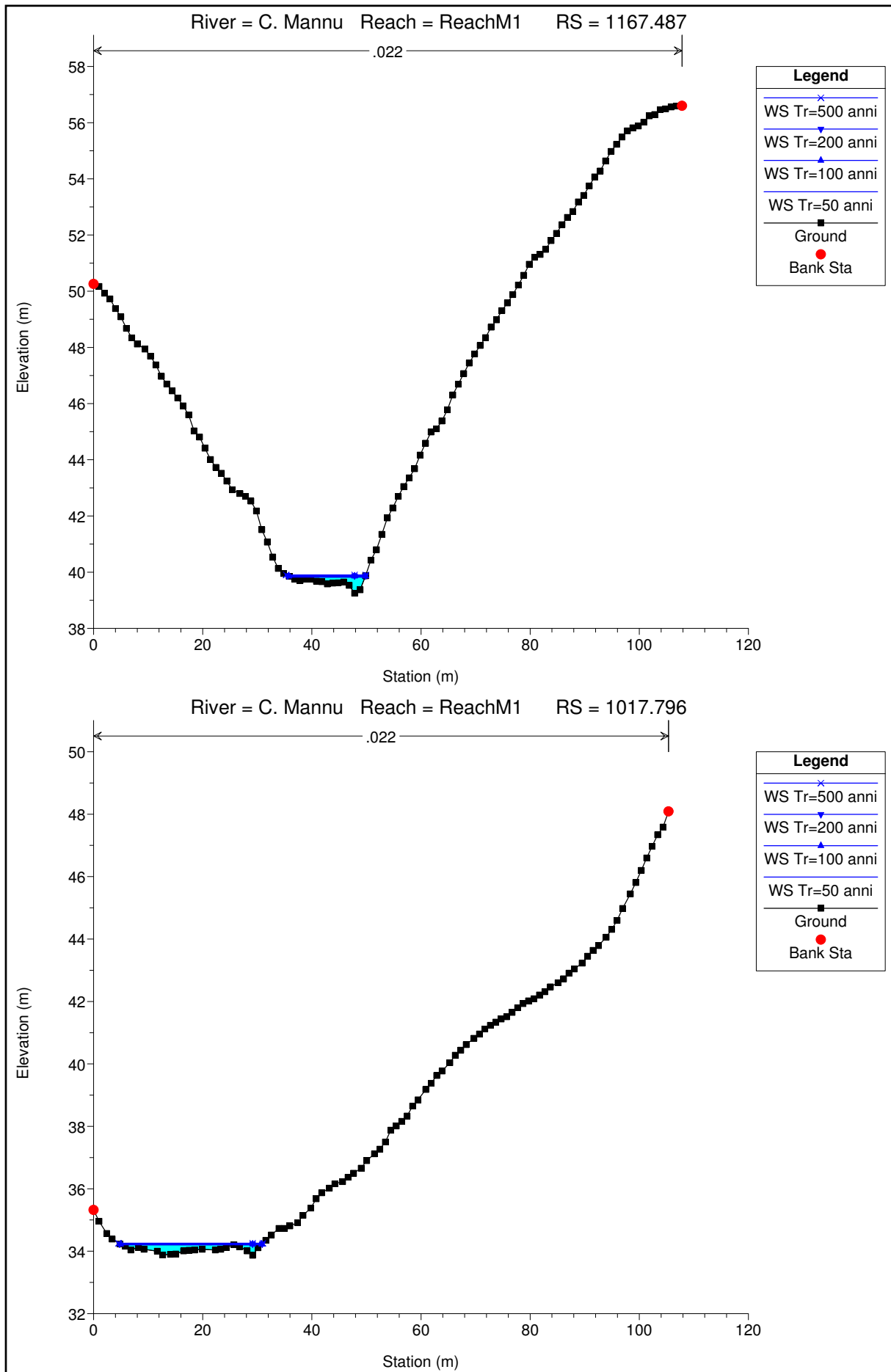


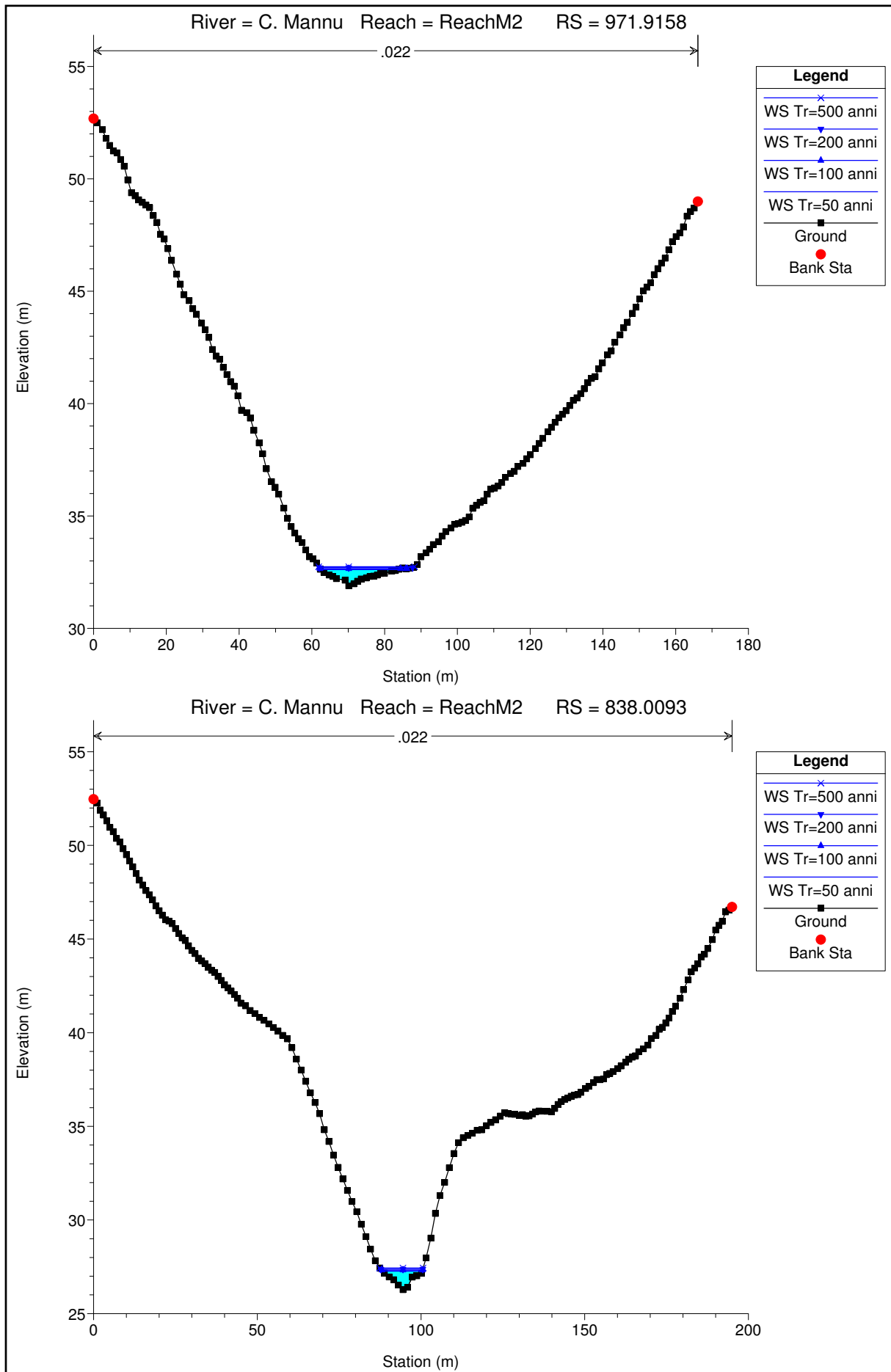
C - Bacino Canale Mannu

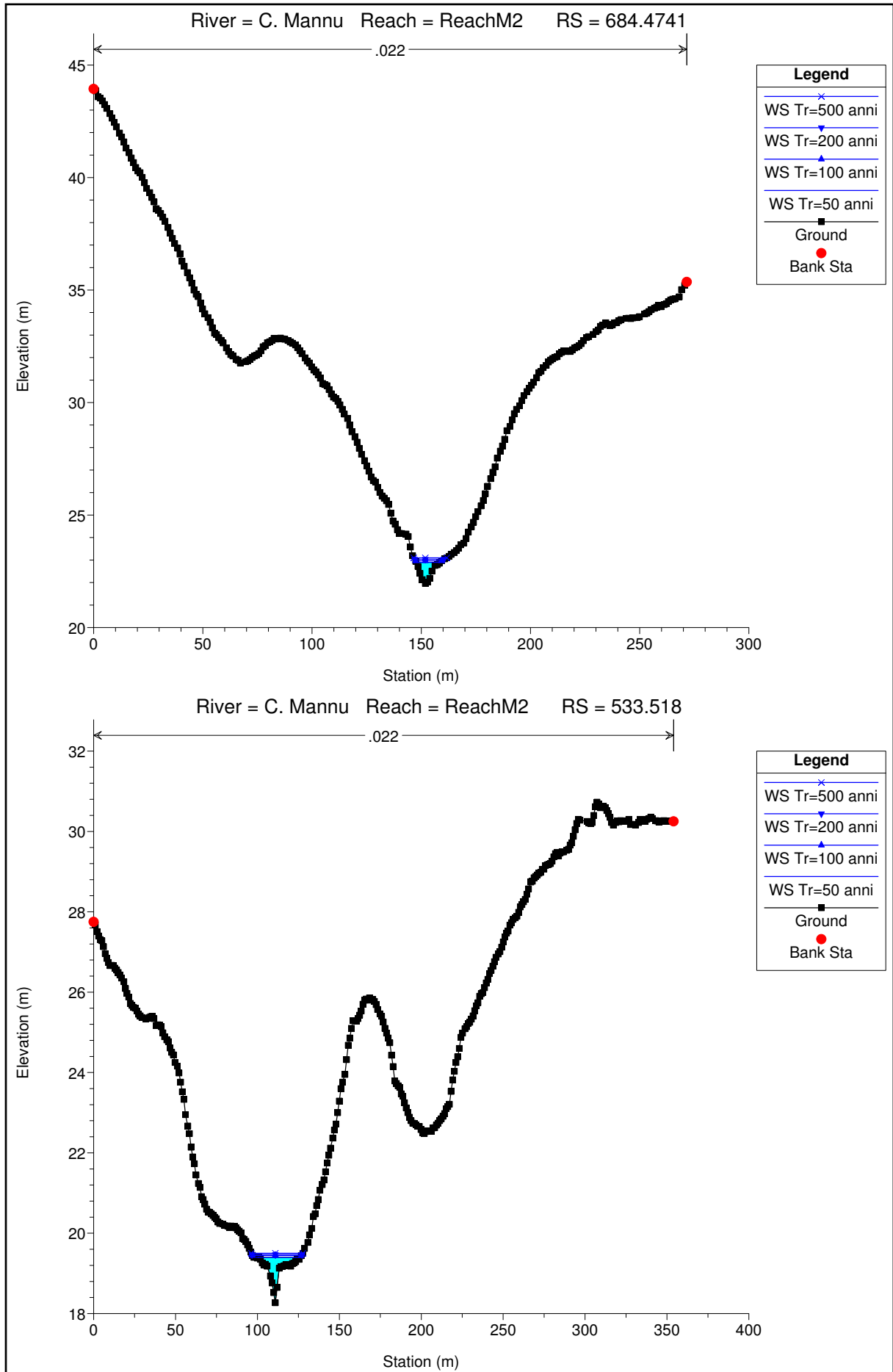
Canale Mannu

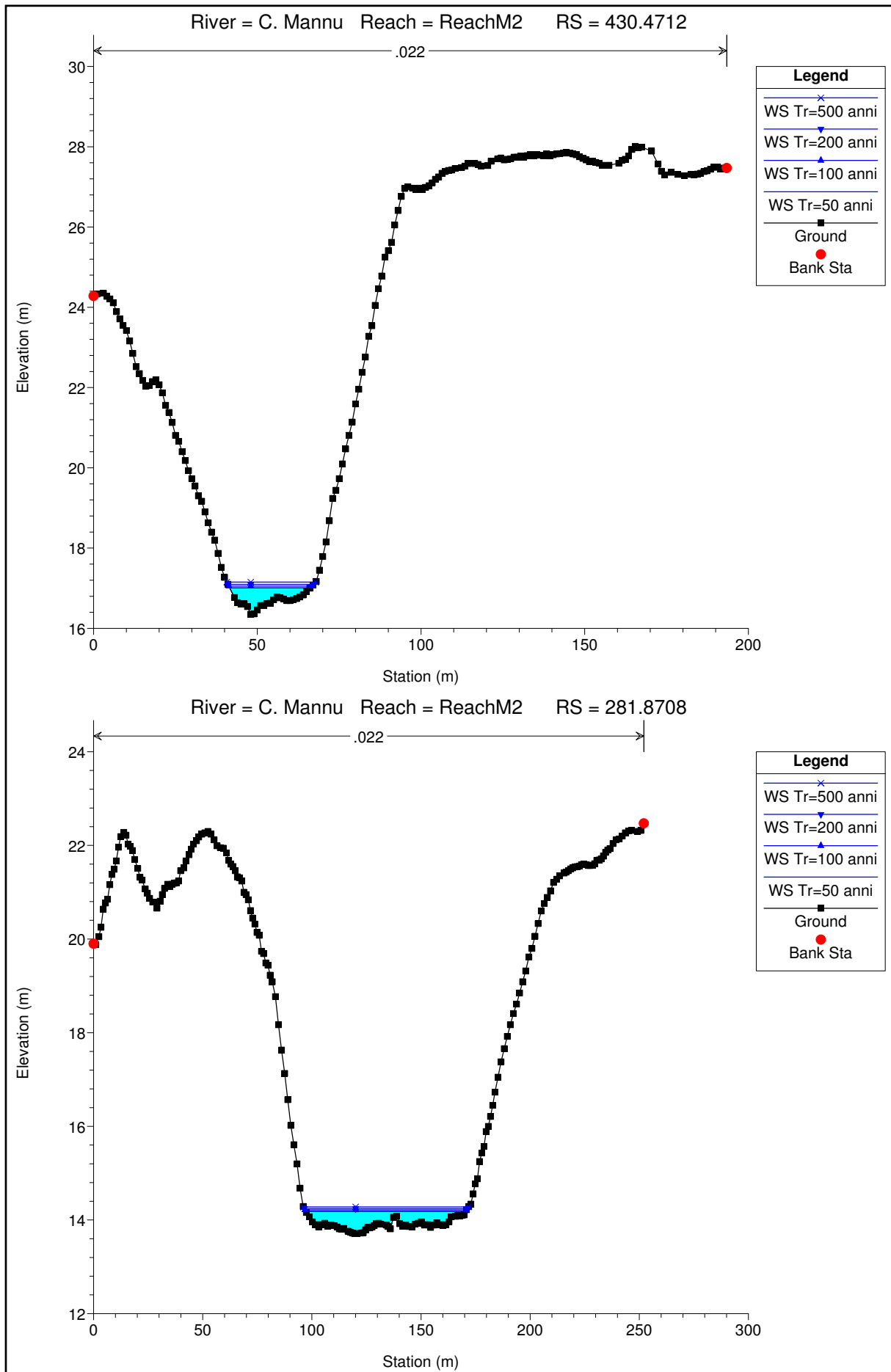


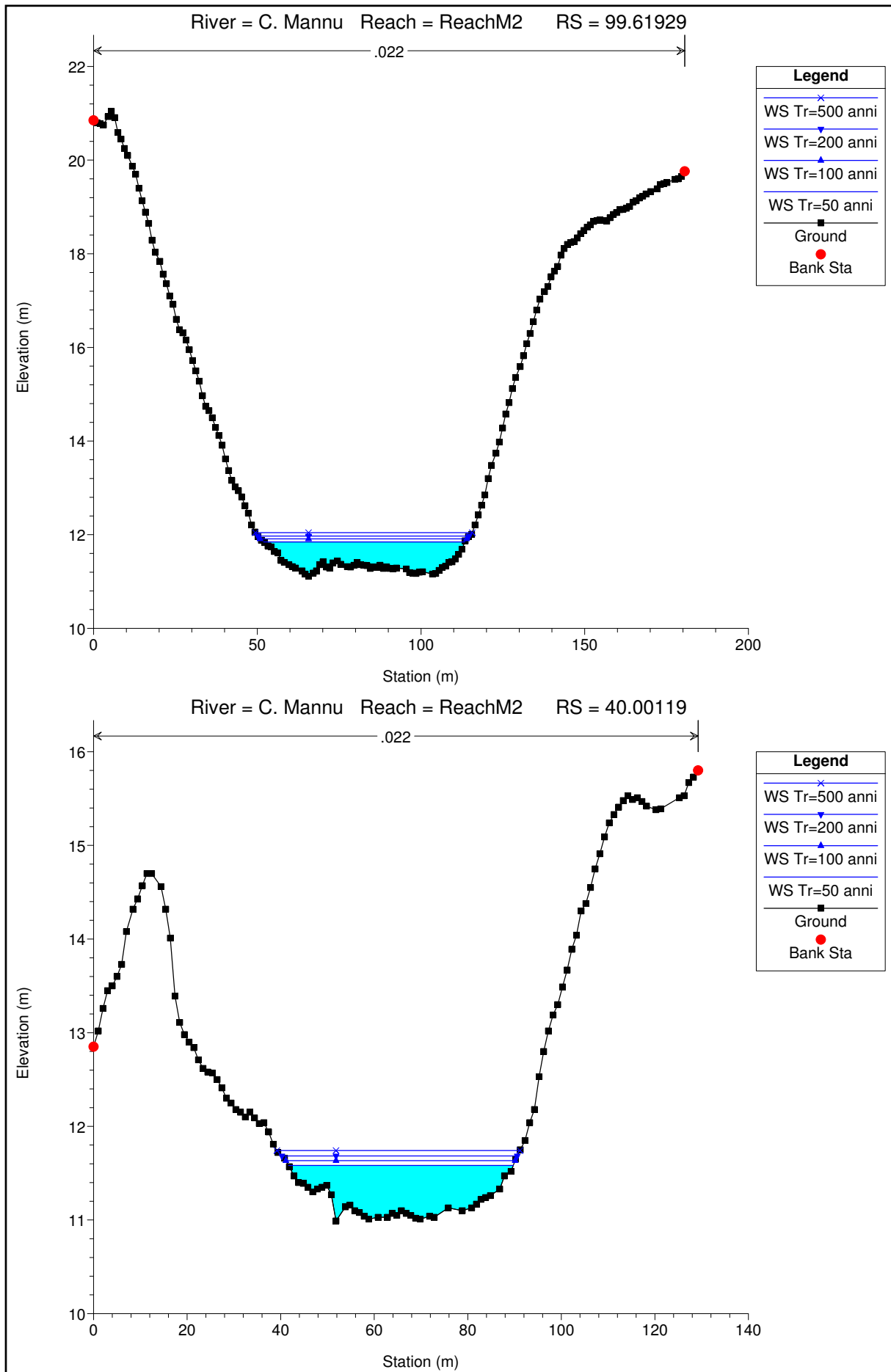


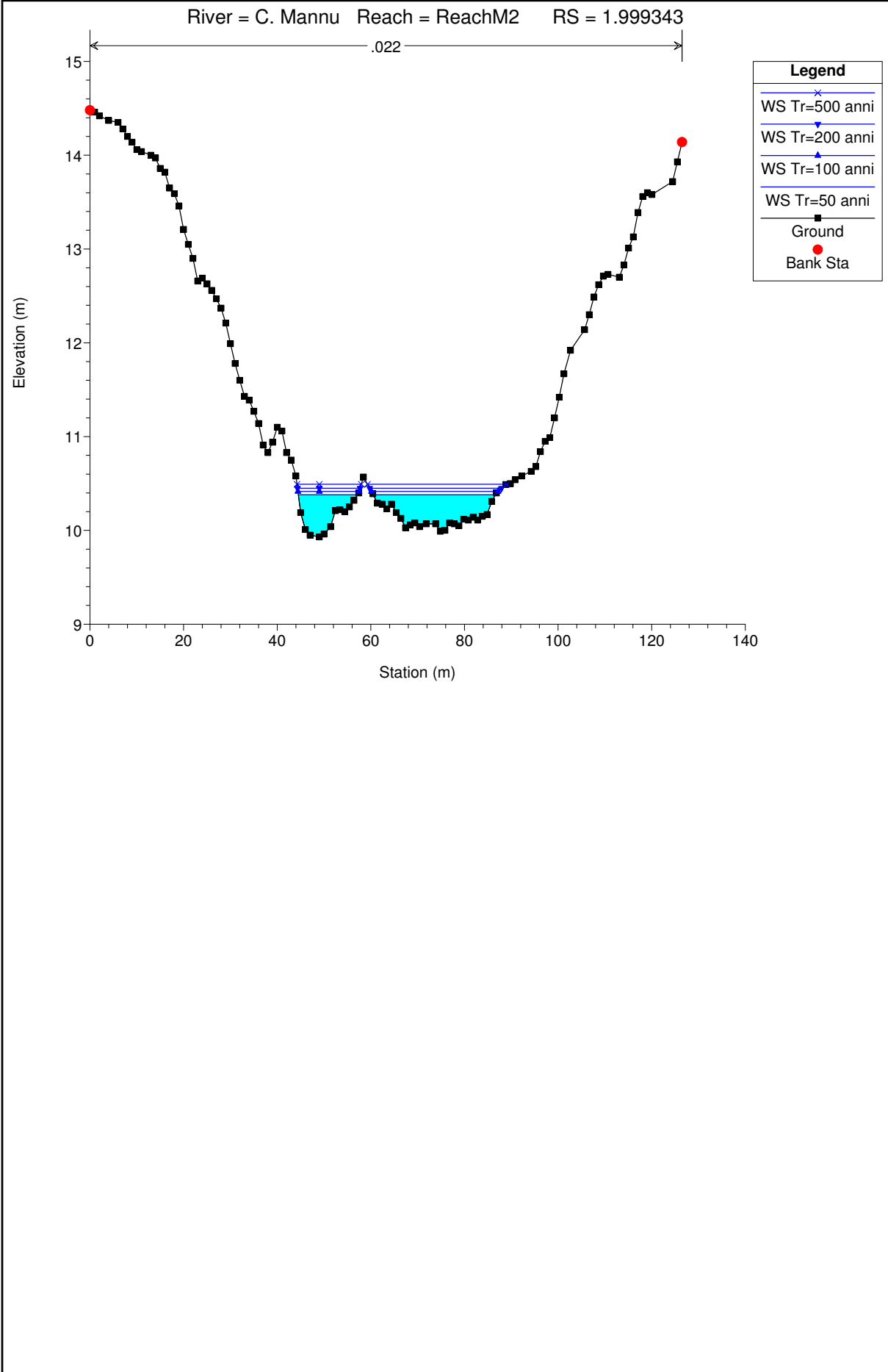


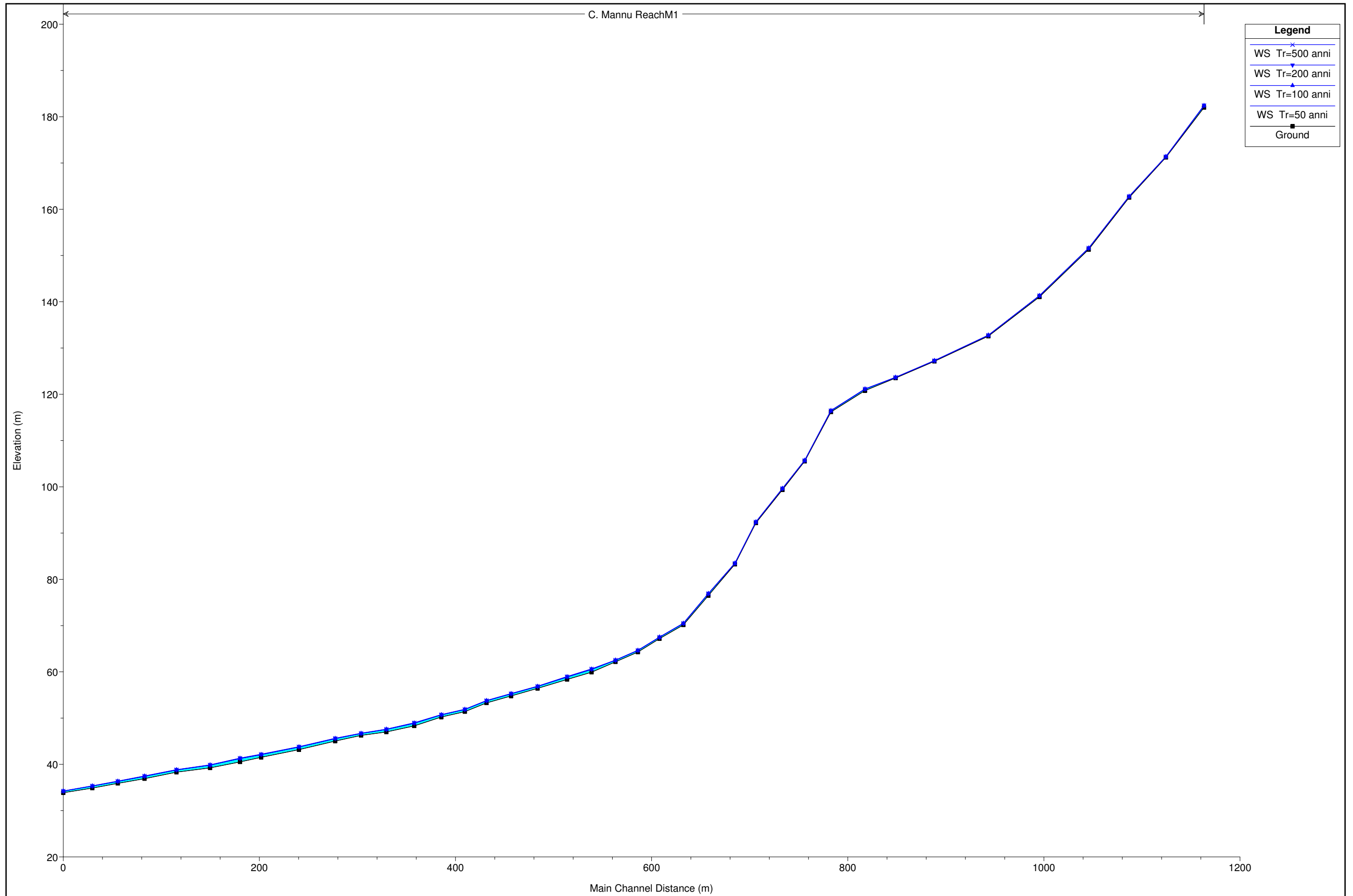








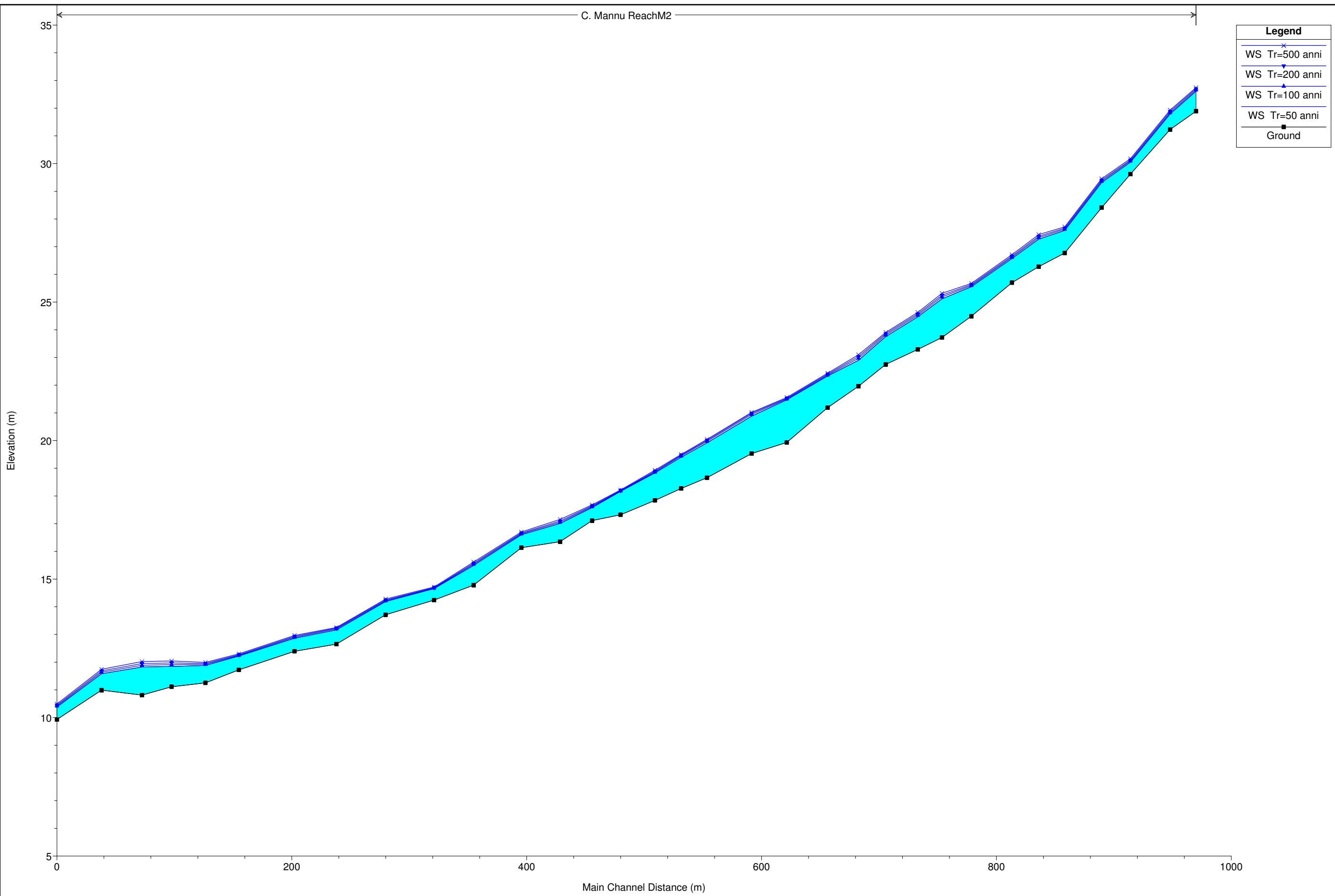


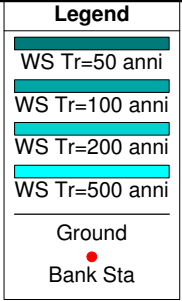
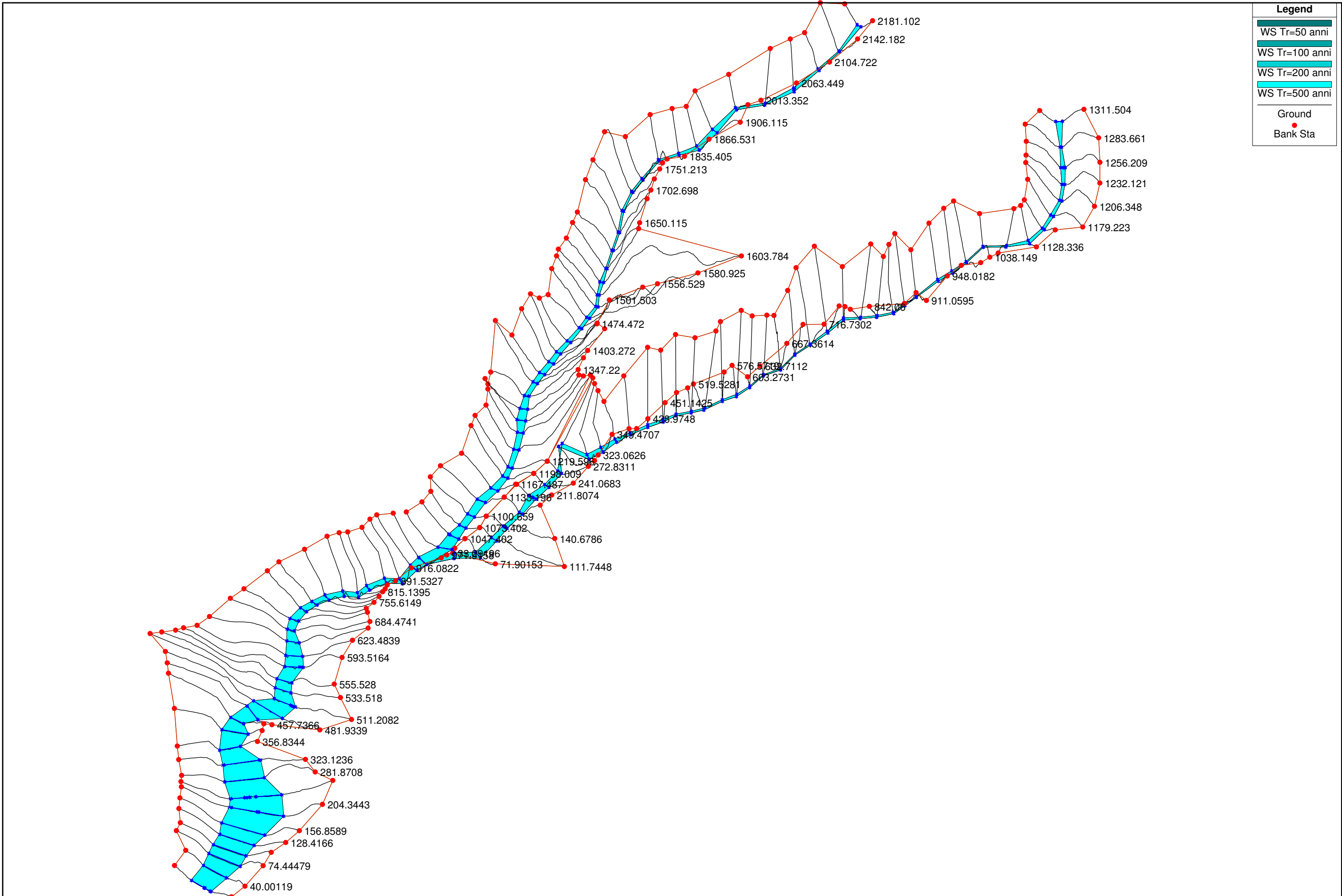


C. Mannu ReachM2

Legend

- WS Tr=500 anni
- WS Tr=200 anni
- WS Tr=100 anni
- WS Tr=50 anni
- Ground





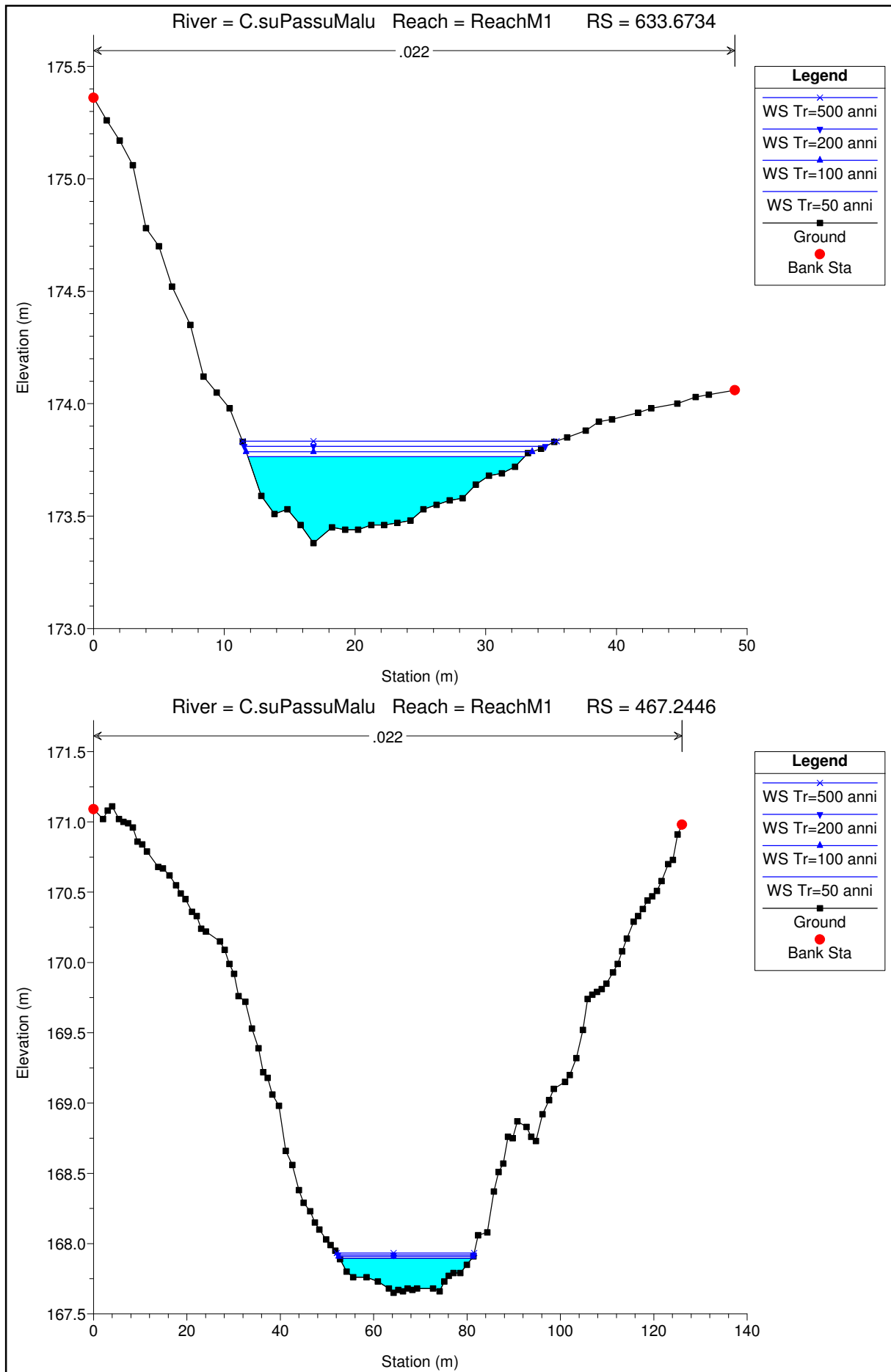
D - Bacino mare

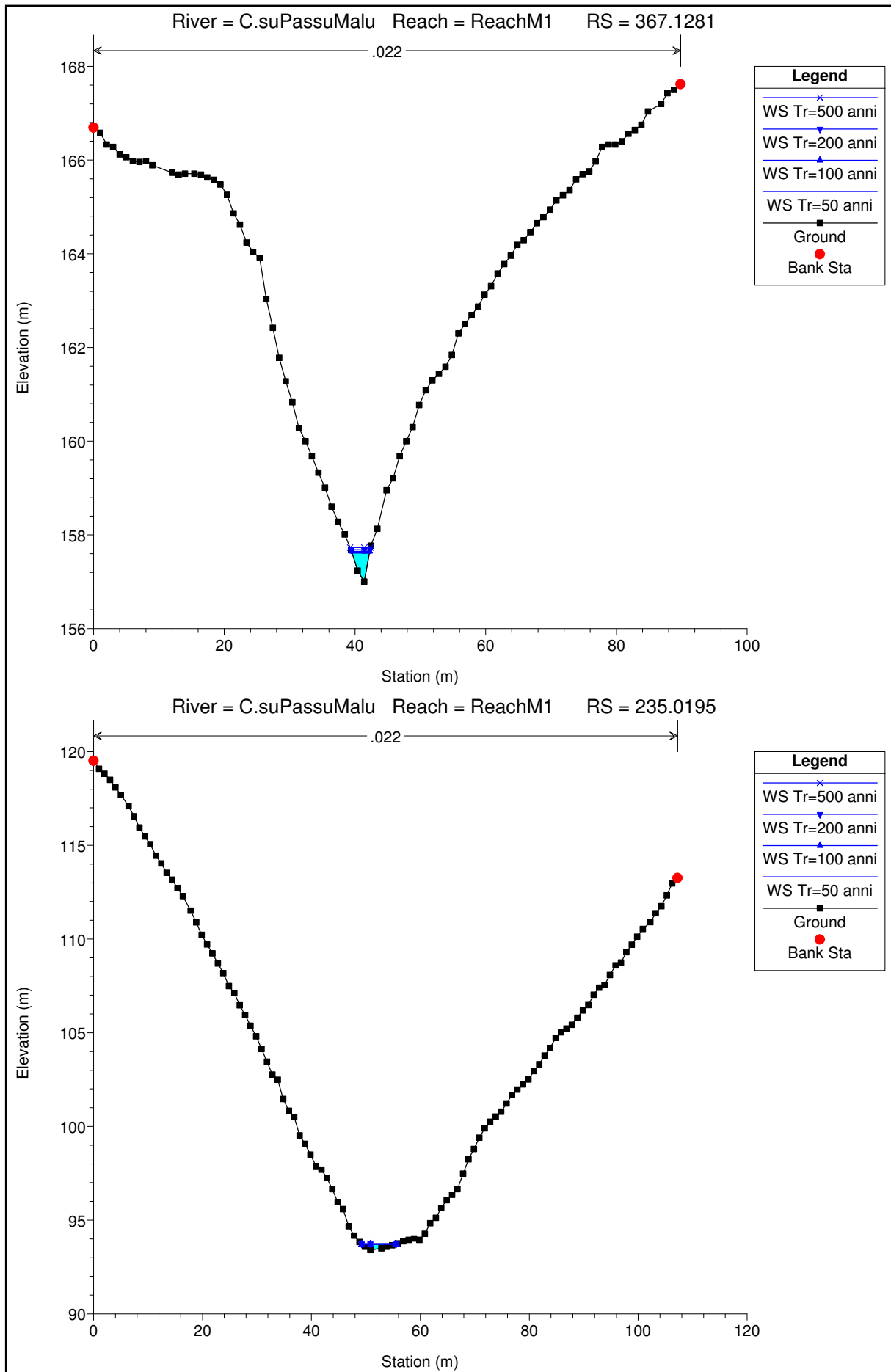
Canale Su Passu Malu

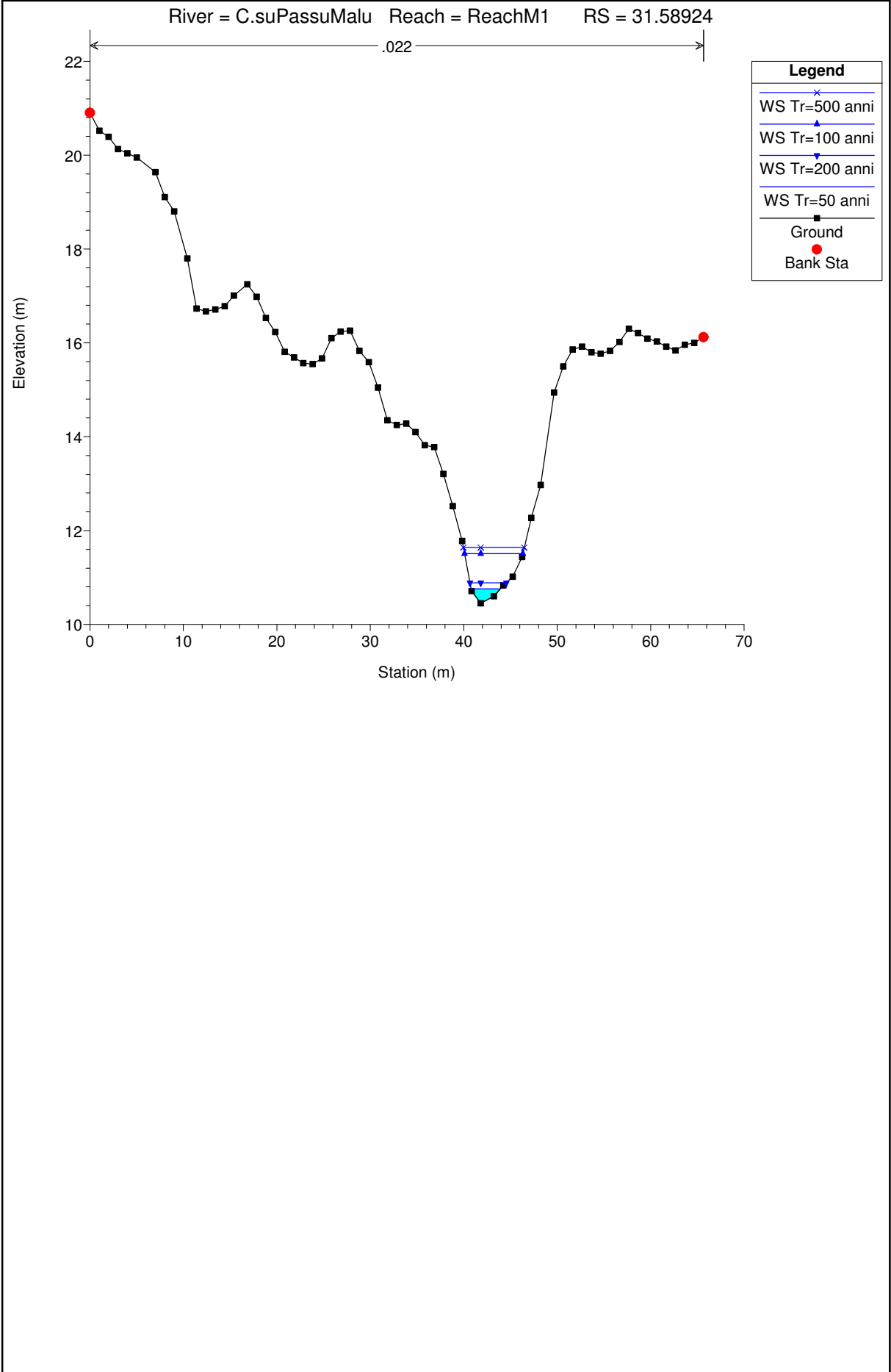
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	633.6734	Tr=50 anni	7.27	173.38	173.76	173.88	0.008091	1.52	4.79	21.18	11.80	32.98
ReachM1	633.6734	Tr=100 anni	8.16	173.38	173.79	173.91	0.007755	1.55	5.27	21.90	11.67	33.57
ReachM1	633.6734	Tr=200 anni	9.08	173.38	173.81	173.93	0.007483	1.57	5.80	23.04	11.53	34.57
ReachM1	633.6734	Tr=500 anni	10.33	173.38	173.83	173.97	0.007548	1.63	6.36	24.04	11.39	35.42
ReachM1	560.3577	Tr=50 anni	7.27	170.23	170.33	171.83	0.638898	5.43	1.34	23.19	51.40	74.59
ReachM1	560.3577	Tr=100 anni	8.16	170.23	170.33	171.92	0.661347	5.59	1.46	24.85	51.20	76.05
ReachM1	560.3577	Tr=200 anni	9.08	170.23	170.34	171.99	0.635076	5.70	1.59	25.48	50.94	76.42
ReachM1	560.3577	Tr=500 anni	10.33	170.23	170.34	172.05	0.590183	5.79	1.78	26.37	50.57	76.94
ReachM1	541.2886	Tr=50 anni	7.27	169.12	169.48	169.84	0.032424	2.65	2.74	14.88	48.94	63.83
ReachM1	541.2886	Tr=100 anni	8.16	169.12	169.50	169.87	0.033130	2.70	3.02	16.20	48.22	64.43
ReachM1	541.2886	Tr=200 anni	9.08	169.12	169.51	169.90	0.033970	2.76	3.29	17.37	47.68	65.04
ReachM1	541.2886	Tr=500 anni	10.33	169.12	169.53	169.95	0.034673	2.87	3.60	18.23	47.52	65.74
ReachM1	511.296	Tr=50 anni	7.27	168.69	168.94	169.06	0.017713	1.54	4.72	36.66	51.98	88.63
ReachM1	511.296	Tr=100 anni	8.16	168.69	168.95	169.08	0.017557	1.60	5.09	36.97	51.86	88.83
ReachM1	511.296	Tr=200 anni	9.08	168.69	168.96	169.10	0.017960	1.68	5.40	37.26	51.74	89.00
ReachM1	511.296	Tr=500 anni	10.33	168.69	168.97	169.13	0.018381	1.77	5.82	37.64	51.58	89.23
ReachM1	489.8175	Tr=50 anni	7.27	168.06	168.29	168.52	0.036567	2.10	3.46	28.99	79.87	108.86
ReachM1	489.8175	Tr=100 anni	8.16	168.06	168.30	168.55	0.035717	2.18	3.74	29.17	79.75	108.92
ReachM1	489.8175	Tr=200 anni	9.08	168.06	168.31	168.57	0.034016	2.24	4.06	29.37	79.63	108.99
ReachM1	489.8175	Tr=500 anni	10.33	168.06	168.33	168.60	0.032278	2.31	4.47	29.62	79.46	109.09
ReachM1	467.2446	Tr=50 anni	7.27	167.65	167.90	168.02	0.013312	1.57	4.64	28.36	52.69	81.05
ReachM1	467.2446	Tr=100 anni	8.16	167.65	167.91	168.05	0.013573	1.64	4.97	28.83	52.49	81.32
ReachM1	467.2446	Tr=200 anni	9.08	167.65	167.92	168.07	0.014008	1.72	5.27	29.10	52.32	81.42
ReachM1	467.2446	Tr=500 anni	10.33	167.65	167.93	168.10	0.014496	1.82	5.66	29.41	52.10	81.51
ReachM1	437.4041	Tr=50 anni	7.27	166.27	166.50	167.16	0.084269	3.59	2.02	14.22	53.98	68.20
ReachM1	437.4041	Tr=100 anni	8.16	166.27	166.51	167.19	0.077427	3.64	2.24	14.50	53.94	68.44
ReachM1	437.4041	Tr=200 anni	9.08	166.27	166.53	167.21	0.069593	3.66	2.48	14.71	53.89	68.60
ReachM1	437.4041	Tr=500 anni	10.33	166.27	166.55	167.25	0.062914	3.71	2.79	14.97	53.84	68.81
ReachM1	402.477	Tr=50 anni	7.27	162.84	163.29	164.55	0.063821	4.99	1.46	4.97	47.32	52.29
ReachM1	402.477	Tr=100 anni	8.16	162.84	163.31	164.65	0.065041	5.12	1.59	5.29	47.26	52.56
ReachM1	402.477	Tr=200 anni	9.08	162.84	163.34	164.75	0.067103	5.27	1.72	5.61	47.18	52.79
ReachM1	402.477	Tr=500 anni	10.33	162.84	163.37	164.87	0.068957	5.44	1.90	6.04	47.06	53.10
ReachM1	367.1281	Tr=50 anni	7.27	157.00	157.61	160.98	0.157469	8.13	0.89	2.64	39.56	42.21
ReachM1	367.1281	Tr=100 anni	8.16	157.00	157.65	161.10	0.150106	8.23	0.99	2.77	39.48	42.25
ReachM1	367.1281	Tr=200 anni	9.08	157.00	157.68	161.20	0.143414	8.31	1.09	2.90	39.40	42.30
ReachM1	367.1281	Tr=500 anni	10.33	157.00	157.73	161.33	0.136908	8.41	1.23	3.10	39.26	42.36
ReachM1	331.6106	Tr=50 anni	10.03	142.94	143.37	151.17	0.425859	12.37	0.81	2.82	45.53	48.35
ReachM1	331.6106	Tr=100 anni	11.26	142.94	143.40	151.58	0.417816	12.67	0.89	2.94	45.47	48.41
ReachM1	331.6106	Tr=200 anni	12.53	142.94	143.43	151.97	0.408392	12.95	0.97	3.04	45.42	48.45
ReachM1	331.6106	Tr=500 anni	14.25	142.94	143.46	152.44	0.393236	13.27	1.07	3.15	45.36	48.51
ReachM1	307.5723	Tr=50 anni	10.03	133.60	134.03	141.09	0.394903	11.77	0.85	3.06	61.60	64.66
ReachM1	307.5723	Tr=100 anni	11.26	133.60	134.05	141.62	0.395698	12.19	0.92	3.15	61.56	64.71
ReachM1	307.5723	Tr=200 anni	12.53	133.60	134.07	142.14	0.396844	12.58	1.00	3.24	61.51	64.75
ReachM1	307.5723	Tr=500 anni	14.25	133.60	134.10	142.83	0.399668	13.09	1.09	3.35	61.45	64.80
ReachM1	271.947	Tr=50 anni	10.03	113.02	113.41	122.36	0.716426	13.25	0.76	3.66	68.54	72.20
ReachM1	271.947	Tr=100 anni	11.26	113.02	113.43	122.90	0.713423	13.64	0.83	3.81	68.48	72.29
ReachM1	271.947	Tr=200 anni	12.53	113.02	113.44	123.46	0.707025	14.03	0.89	3.93	68.42	72.34
ReachM1	271.947	Tr=500 anni	14.25	113.02	113.47	124.18	0.697190	14.50	0.98	4.06	68.34	72.40
ReachM1	235.0195	Tr=50 anni	10.03	93.41	93.71	98.77	0.521227	9.97	1.01	5.96	49.33	55.29
ReachM1	235.0195	Tr=100 anni	11.26	93.41	93.72	99.18	0.527183	10.35	1.09	6.15	49.27	55.42
ReachM1	235.0195	Tr=200 anni	12.53	93.41	93.73	99.60	0.535997	10.73	1.17	6.33	49.22	55.55
ReachM1	235.0195	Tr=500 anni	14.25	93.41	93.75	100.16	0.547554	11.21	1.27	6.55	49.16	55.71
ReachM1	193.8112	Tr=50 anni	10.03	78.79	79.13	82.87	0.284435	8.56	1.17	5.51	61.73	67.24
ReachM1	193.8112	Tr=100 anni	11.26	78.79	79.15	83.03	0.287240	8.73	1.29	5.94	61.38	67.32
ReachM1	193.8112	Tr=200 anni	12.53	78.79	79.17	83.20	0.289255	8.89	1.41	6.34	61.06	67.40
ReachM1	193.8112	Tr=500 anni	14.25	78.79	79.19	83.50	0.290297	9.20	1.55	6.65	60.85	67.49
ReachM1	133.8401	Tr=50 anni	10.03	54.78	55.16	61.13	0.466008	10.82	0.93	4.42	57.58	62.00
ReachM1	133.8401	Tr=100 anni	11.26	54.78	55.26	61.30	0.466954	11.19	1.02	4.65	57.45	62.06
ReachM1	133.8401	Tr=200 anni	12.53	54.78	55.21	61.30	0.463900	11.56	1.18	5.32	57.85	62.17
ReachM1	133.8401	Tr=500 anni	14.25	54.78	55.15	61.88	0.454512	12.26	1.02	3.89	57.60	61.98
ReachM1	71.51704	Tr=50 anni	10.03	28.25	29.31	29.66	0.006194	2.62	3.83	5.49	55.08	60.57
ReachM1	71.51704	Tr=100 anni	11.26	28.25	28.68	37.60	0.665112	13.23	0.85	3.79	55.98	59.77
ReachM1	71.51704	Tr=200 anni	12.53	28.25	28.74	35.57	0.396906	11.58	1.08	3.97	55.89	59.87
ReachM1	71.51704	Tr=500 anni	14.25	28.25	29.52	29.93	0.006028	2.83	5.03	6.26	54.53	60.79
ReachM1	31.58924	Tr=50 anni	10.03	10.45	10.76	27.18	1.609667	17.95	0.56	3.14	40.79	43.92
ReachM1	31.58924	Tr=100 anni	11.26	10.45	11.51	11.86	0.006155	2.63	4.29	6.24	40.08	46.33
ReachM1	31.58924	Tr=200 anni	12.53	10.45	10.89	18.54	0.454512	12.26	1.02	3.89	40.66	44.55

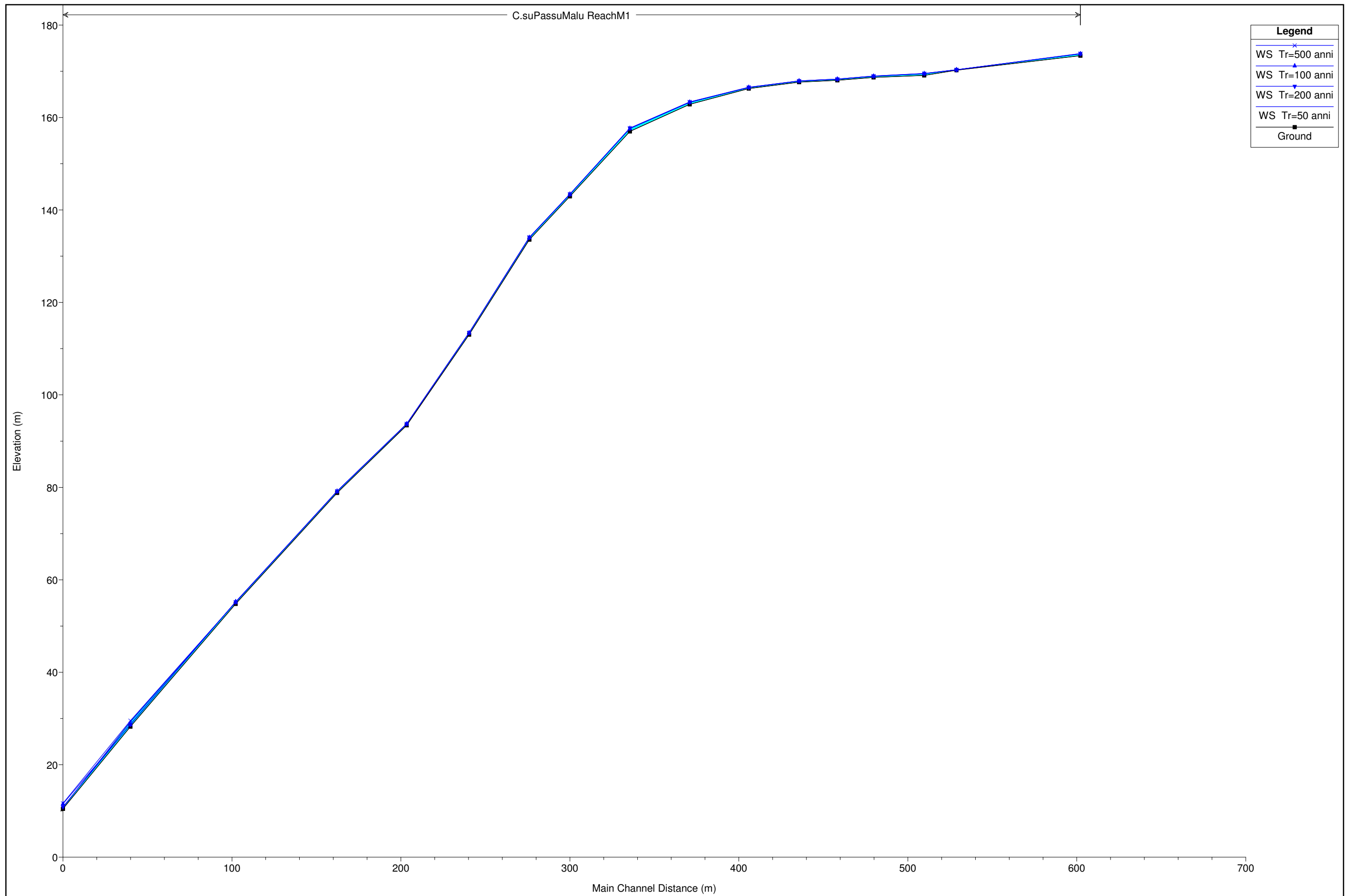
HEC-RAS Plan: n_mod River: C.suPassuMalu Reach: ReachM1 (Continued)

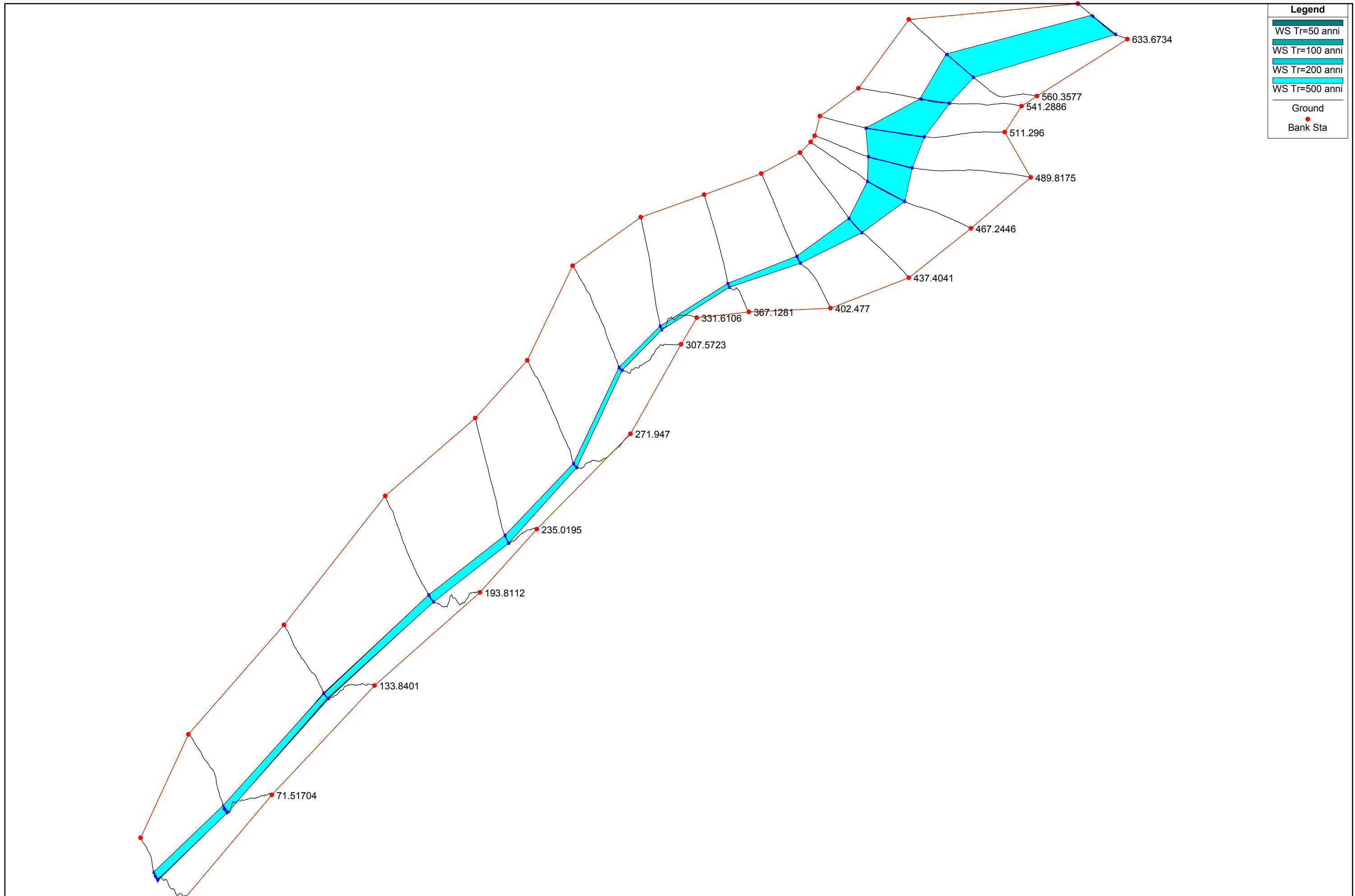
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
			(m ³ /s)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	(m)	(m)
ReachM1	31.58924	Tr=500 anni	14.25	10.45	11.64	12.04	0.005974	2.80	5.09	6.51	39.96	46.48











Legend	
	WS Tr=50 anni
	WS Tr=100 anni
	WS Tr=200 anni
	WS Tr=500 anni
	Ground
	Bank Sta

E - Bacino mare

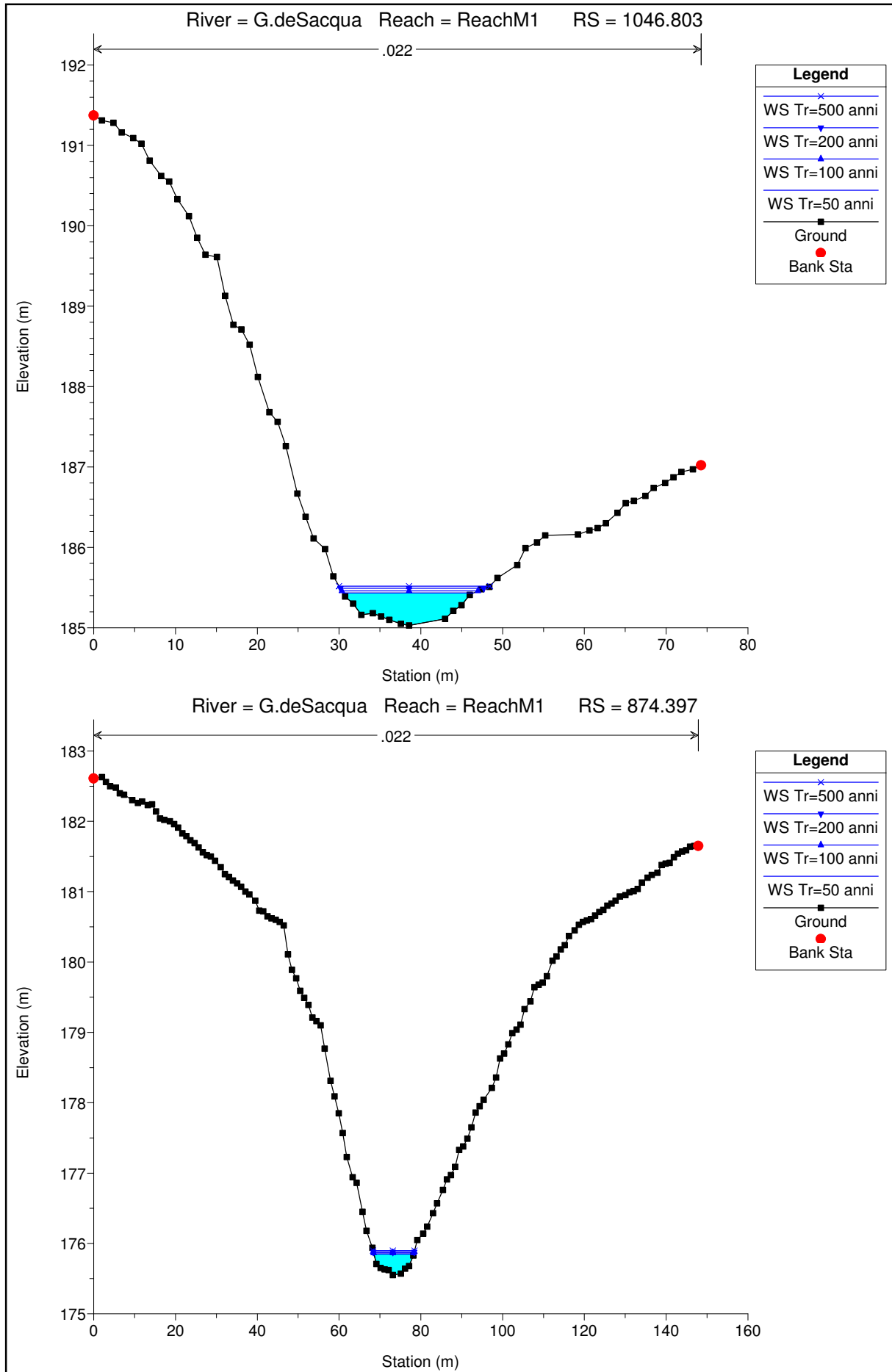
Grifoneddu de s'Acqua

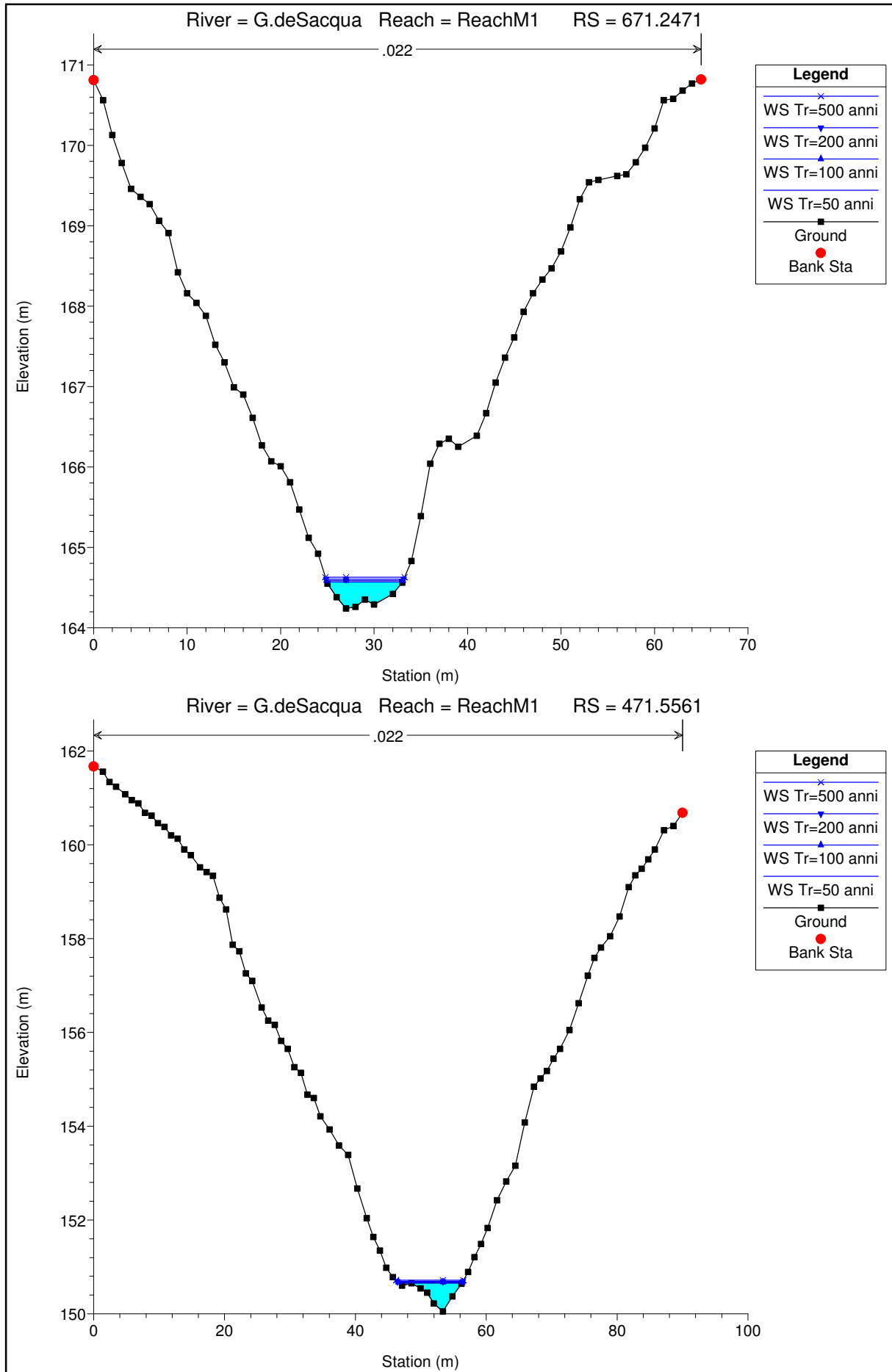
HEC-RAS Plan: n_mod River: G.deSacqua Reach: ReachM1

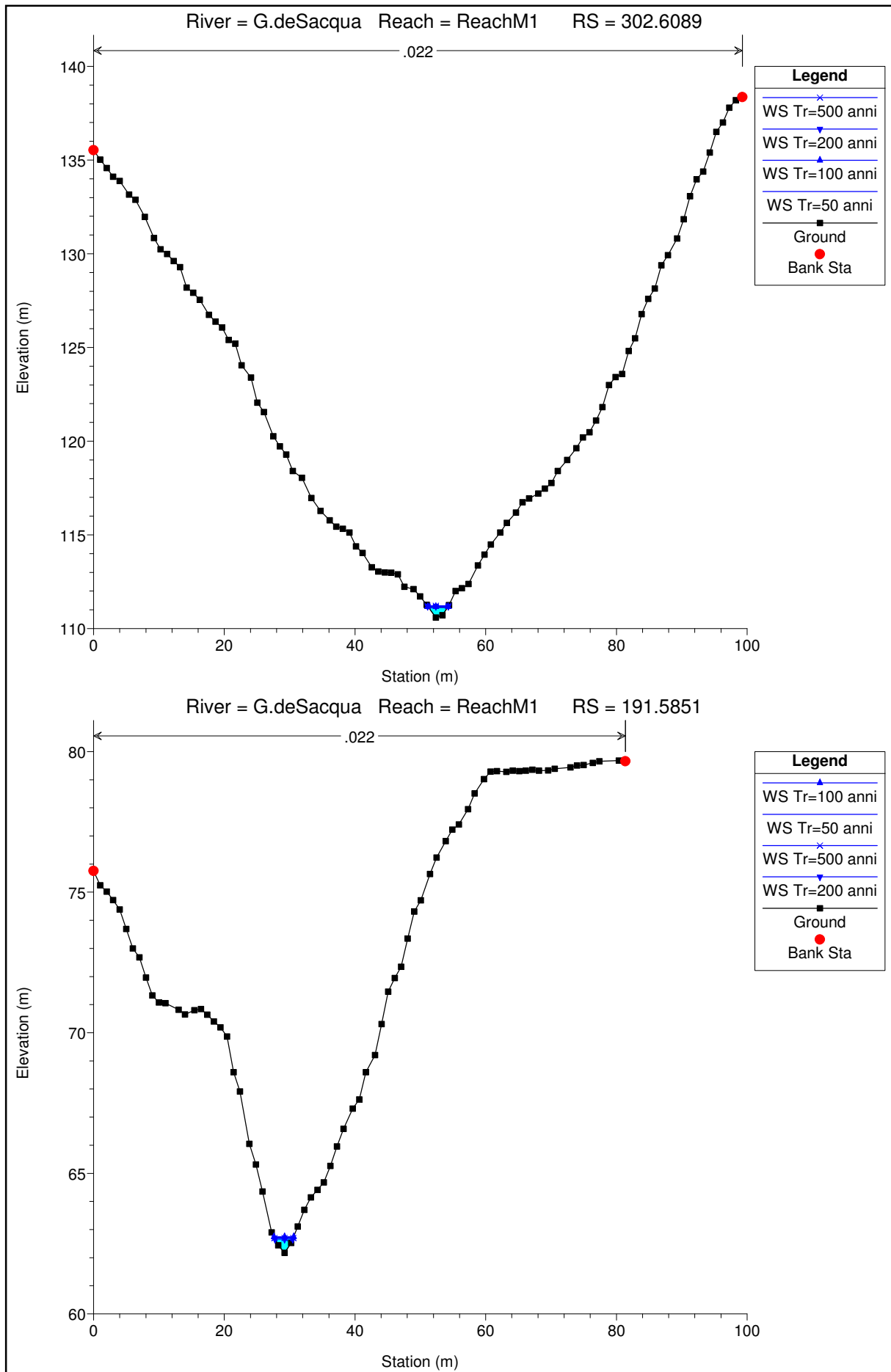
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1046.803	Tr=50 anni	7.28	185.03	185.43	185.58	0.007840	1.68	4.33	15.97	30.48	46.45
ReachM1	1046.803	Tr=100 anni	8.16	185.03	185.46	185.61	0.007610	1.72	4.75	16.65	30.33	46.98
ReachM1	1046.803	Tr=200 anni	9.06	185.03	185.49	185.64	0.007187	1.72	5.26	17.55	30.16	47.71
ReachM1	1046.803	Tr=500 anni	10.30	185.03	185.52	185.68	0.007279	1.78	5.77	18.45	30.00	48.45
ReachM1	1016.283	Tr=50 anni	7.28	182.86	183.05	184.74	0.285967	5.77	1.26	10.89	52.84	63.73
ReachM1	1016.283	Tr=100 anni	8.16	182.86	183.06	184.80	0.262014	5.85	1.39	11.03	52.75	63.78
ReachM1	1016.283	Tr=200 anni	9.06	182.86	183.07	184.85	0.239163	5.90	1.53	11.19	52.65	63.84
ReachM1	1016.283	Tr=500 anni	10.30	182.86	183.09	184.89	0.211961	5.95	1.73	11.40	52.52	63.92
ReachM1	971.1945	Tr=50 anni	7.28	179.96	180.39	180.99	0.034470	3.44	2.12	8.09	55.30	63.39
ReachM1	971.1945	Tr=100 anni	8.16	179.96	180.41	181.07	0.035413	3.59	2.28	8.32	55.14	63.46
ReachM1	971.1945	Tr=200 anni	9.06	179.96	180.43	181.14	0.036394	3.73	2.43	8.56	55.00	63.55
ReachM1	971.1945	Tr=500 anni	10.30	179.96	180.45	181.23	0.037676	3.91	2.64	8.88	54.83	63.71
ReachM1	926.1045	Tr=50 anni	7.28	178.02	178.37	179.13	0.049346	3.86	1.89	7.94	58.22	66.16
ReachM1	926.1045	Tr=100 anni	8.16	178.02	178.40	179.19	0.048575	3.96	2.06	8.26	58.03	66.29
ReachM1	926.1045	Tr=200 anni	9.06	178.02	178.42	179.25	0.047927	4.04	2.24	8.59	57.82	66.41
ReachM1	926.1045	Tr=500 anni	10.30	178.02	178.44	179.32	0.047120	4.15	2.48	9.06	57.51	66.58
ReachM1	874.397	Tr=50 anni	7.28	175.55	175.85	176.51	0.051075	3.60	2.02	9.70	68.53	78.23
ReachM1	874.397	Tr=100 anni	8.16	175.55	175.87	176.59	0.051565	3.76	2.17	9.83	68.47	78.30
ReachM1	874.397	Tr=200 anni	9.06	175.55	175.88	176.66	0.051943	3.91	2.32	9.97	68.40	78.37
ReachM1	874.397	Tr=500 anni	10.30	175.55	175.90	176.75	0.052273	4.09	2.52	10.14	68.31	78.46
ReachM1	823.259	Tr=50 anni	7.28	173.19	173.55	174.10	0.042613	3.26	2.23	10.84	71.12	85.00
ReachM1	823.259	Tr=100 anni	8.16	173.19	173.57	174.13	0.042940	3.32	2.46	11.71	70.66	85.09
ReachM1	823.259	Tr=200 anni	9.06	173.19	173.59	174.18	0.043326	3.41	2.66	12.24	70.48	85.17
ReachM1	823.259	Tr=500 anni	10.30	173.19	173.61	174.24	0.043844	3.53	2.92	12.90	70.25	85.26
ReachM1	772.1007	Tr=50 anni	7.28	170.11	170.46	171.33	0.069265	4.12	1.77	8.72	68.46	77.19
ReachM1	772.1007	Tr=100 anni	8.16	170.11	170.48	171.39	0.067266	4.22	1.93	9.00	68.29	77.30
ReachM1	772.1007	Tr=200 anni	9.06	170.11	170.50	171.45	0.065745	4.32	2.10	9.27	68.13	77.40
ReachM1	772.1007	Tr=500 anni	10.30	170.11	170.52	171.53	0.063702	4.45	2.32	9.56	67.98	77.54
ReachM1	722.7813	Tr=50 anni	7.28	167.52	167.89	168.47	0.046534	3.39	2.15	10.50	52.27	62.77
ReachM1	722.7813	Tr=100 anni	8.16	167.52	167.90	168.54	0.047244	3.55	2.30	10.65	52.19	62.83
ReachM1	722.7813	Tr=200 anni	9.06	167.52	167.92	168.61	0.047975	3.70	2.45	10.78	52.10	62.89
ReachM1	722.7813	Tr=500 anni	10.30	167.52	167.93	168.71	0.049323	3.90	2.64	10.96	52.00	62.96
ReachM1	671.2471	Tr=50 anni	7.28	164.24	164.57	165.50	0.071460	4.28	1.70	8.08	24.95	33.03
ReachM1	671.2471	Tr=100 anni	8.16	164.24	164.59	165.58	0.069594	4.42	1.85	8.20	24.90	33.10
ReachM1	671.2471	Tr=200 anni	9.06	164.24	164.60	165.66	0.067927	4.55	1.99	8.31	24.85	33.16
ReachM1	671.2471	Tr=500 anni	10.30	164.24	164.63	165.76	0.065693	4.71	2.19	8.46	24.79	33.25
ReachM1	622.6259	Tr=50 anni	7.28	160.46	160.96	162.30	0.059444	5.14	1.42	4.34	22.20	26.53
ReachM1	622.6259	Tr=100 anni	8.16	160.46	160.99	162.42	0.059300	5.31	1.54	4.46	22.13	26.59
ReachM1	622.6259	Tr=200 anni	9.06	160.46	161.01	162.54	0.059125	5.47	1.66	4.58	22.06	26.65
ReachM1	622.6259	Tr=500 anni	10.30	160.46	161.05	162.68	0.058961	5.67	1.82	4.74	21.98	26.72
ReachM1	570.8621	Tr=50 anni	7.28	157.30	157.75	158.80	0.074034	4.54	1.60	7.13	41.32	48.45
ReachM1	570.8621	Tr=100 anni	8.16	157.30	157.77	158.90	0.074637	4.70	1.74	7.37	41.15	48.52
ReachM1	570.8621	Tr=200 anni	9.06	157.30	157.79	158.99	0.075527	4.86	1.86	7.59	41.00	48.58
ReachM1	570.8621	Tr=500 anni	10.30	157.30	157.81	159.12	0.076891	5.07	2.03	7.87	40.80	48.67
ReachM1	517.3618	Tr=50 anni	7.28	153.99	154.33	155.03	0.063575	3.72	1.96	10.50	49.49	59.99
ReachM1	517.3618	Tr=100 anni	8.16	153.99	154.34	155.11	0.063654	3.88	2.10	10.61	49.46	60.07
ReachM1	517.3618	Tr=200 anni	9.06	153.99	154.36	155.18	0.063587	4.03	2.25	10.71	49.42	60.14
ReachM1	517.3618	Tr=500 anni	10.30	153.99	154.37	155.28	0.063149	4.21	2.45	10.86	49.38	60.23
ReachM1	471.5561	Tr=50 anni	10.28	150.05	150.66	151.77	0.076061	4.67	2.20	9.57	46.71	56.27
ReachM1	471.5561	Tr=100 anni	11.53	150.05	150.68	151.86	0.075031	4.82	2.39	9.80	46.55	56.35
ReachM1	471.5561	Tr=200 anni	12.80	150.05	150.69	151.95	0.074369	4.97	2.57	10.02	46.41	56.42
ReachM1	471.5561	Tr=500 anni	14.54	150.05	150.72	152.07	0.073604	5.16	2.82	10.30	46.22	56.52
ReachM1	437.7624	Tr=50 anni	10.28	146.61	147.12	148.99	0.083905	6.06	1.70	5.27	43.00	48.26
ReachM1	437.7624	Tr=100 anni	11.53	146.61	147.15	149.13	0.081987	6.23	1.85	5.40	42.95	48.34
ReachM1	437.7624	Tr=200 anni	12.80	146.61	147.18	149.26	0.080170	6.39	2.00	5.52	42.90	48.42
ReachM1	437.7624	Tr=500 anni	14.54	146.61	147.22	149.43	0.077957	6.59	2.21	5.69	42.83	48.52
ReachM1	409.3003	Tr=50 anni	10.28	143.24	143.81	146.35	0.098280	7.05	1.46	3.95	43.79	47.74
ReachM1	409.3003	Tr=100 anni	11.53	143.24	143.85	146.53	0.097093	7.26	1.59	4.08	43.71	47.80
ReachM1	409.3003	Tr=200 anni	12.80	143.24	143.88	146.70	0.096081	7.44	1.72	4.22	43.63	47.85
ReachM1	409.3003	Tr=500 anni	14.54	143.24	143.92	146.91	0.094756	7.66	1.90	4.40	43.52	47.91
ReachM1	379.8198	Tr=50 anni	10.28	138.30	138.74	142.36	0.186205	8.42	1.22	4.19	45.78	49.97
ReachM1	379.8198	Tr=100 anni	11.53	138.30	138.77	142.59	0.181894	8.66	1.33	4.30	45.73	50.02
ReachM1	379.8198	Tr=200 anni	12.80	138.30	138.79	142.82	0.178229	8.89	1.44	4.40	45.67	50.07
ReachM1	379.8198	Tr=500 anni	14.54	138.30	138.83	143.09	0.173584	9.15	1.59	4.55	45.59	50.14
ReachM1	337.989	Tr=50 anni	10.28	122.91	123.31	130.24	0.475092	11.66	0.88	3.77	57.07	60.84
ReachM1	337.989	Tr=100 anni	11.53	122.91	123.33	130.70	0.466364	12.02	0.96	3.86	57.04	60.90
ReachM1	337.989	Tr=200 anni	12.80	122.91	123.35	131.13	0.458026	12.36	1.04	3.94	57.01	60.95

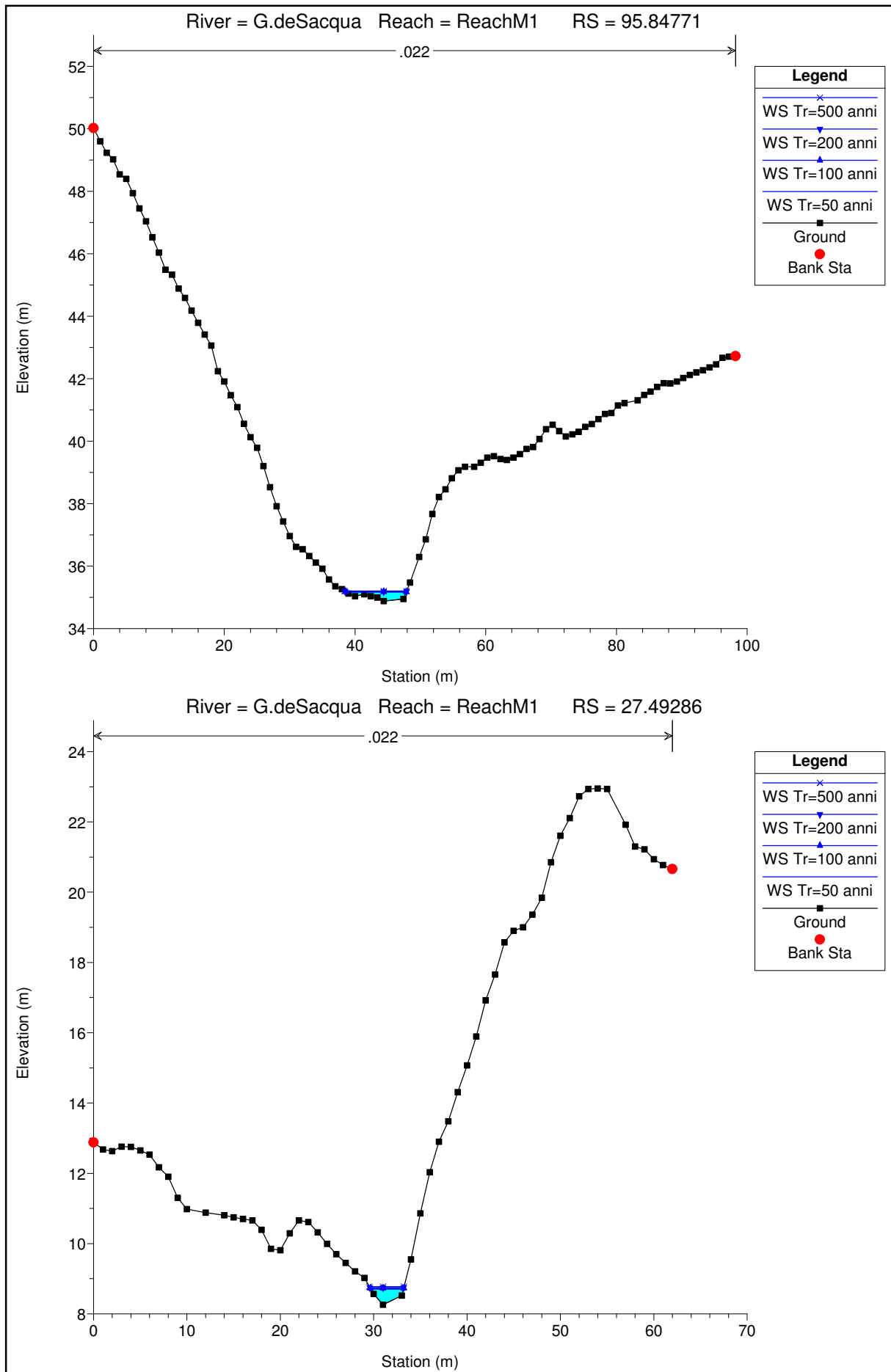
HEC-RAS Plan: n_mod River: G.deSacqua Reach: ReachM1 (Continued)

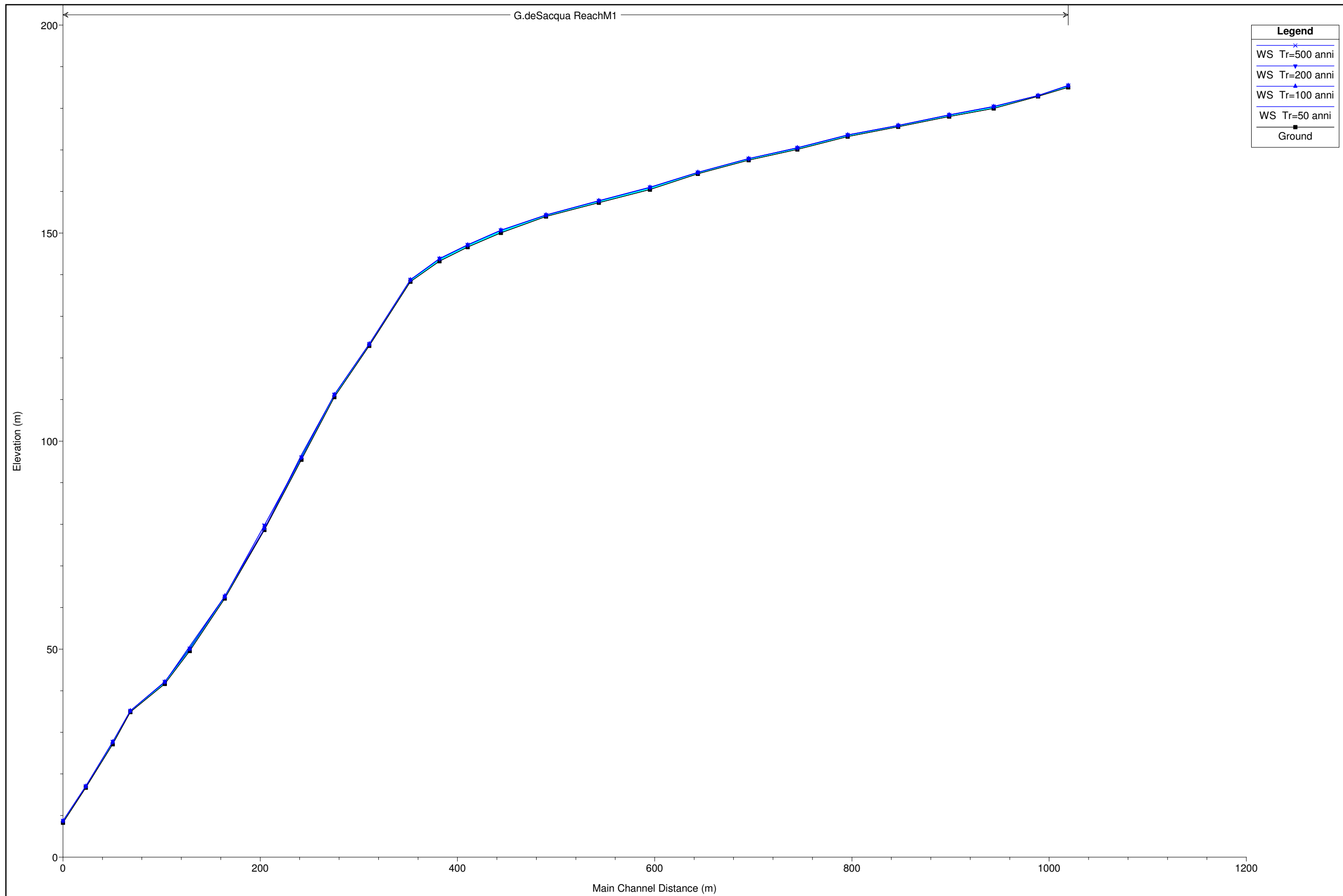
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Rght Sta Eff (m)
ReachM1	337.989	Tr=500 anni	14.54	122.91	123.38	131.67	0.446768	12.75	1.14	4.05	56.97	61.02
ReachM1	302.6089	Tr=50 anni	10.28	110.59	111.13	117.17	0.284888	10.89	0.94	2.91	51.25	54.15
ReachM1	302.6089	Tr=100 anni	11.53	110.59	111.17	117.20	0.262106	10.88	1.06	3.06	51.17	54.23
ReachM1	302.6089	Tr=200 anni	12.80	110.59	111.20	117.52	0.259046	11.14	1.15	3.17	51.11	54.28
ReachM1	302.6089	Tr=500 anni	14.54	110.59	111.21	118.68	0.296469	12.11	1.20	3.24	51.07	54.31
ReachM1	269.287	Tr=50 anni	10.28	95.52	96.75	97.04	0.006596	2.40	4.28	7.58	49.62	57.20
ReachM1	269.287	Tr=100 anni	11.53	95.52	96.10	105.42	0.470013	13.52	0.85	2.72	53.46	56.18
ReachM1	269.287	Tr=200 anni	12.80	95.52	96.13	105.82	0.468925	13.79	0.93	2.87	53.35	56.22
ReachM1	269.287	Tr=500 anni	14.54	95.52	96.16	106.24	0.461670	14.07	1.03	3.08	53.20	56.28
ReachM1	231.7313	Tr=50 anni	10.28	78.66	78.92	94.63	1.489756	17.56	0.59	3.20	72.45	75.65
ReachM1	231.7313	Tr=100 anni	11.53	78.66	79.02	86.78	0.497929	12.35	0.93	3.78	72.31	76.09
ReachM1	231.7313	Tr=200 anni	12.80	78.66	79.77	80.15	0.005955	2.74	4.67	6.18	71.29	77.47
ReachM1	231.7313	Tr=500 anni	14.54	78.66	79.84	80.25	0.005906	2.84	5.13	6.38	71.25	77.63
ReachM1	191.5851	Tr=50 anni	10.28	62.17	62.73	68.85	0.298999	10.96	0.94	2.98	27.61	30.60
ReachM1	191.5851	Tr=100 anni	11.53	62.17	62.74	70.03	0.348847	11.97	0.96	3.02	27.59	30.61
ReachM1	191.5851	Tr=200 anni	12.80	62.17	62.66	77.85	0.889934	17.27	0.74	2.72	27.76	30.48
ReachM1	191.5851	Tr=500 anni	14.54	62.17	62.70	77.96	0.810996	17.31	0.84	2.86	27.68	30.54
ReachM1	156.0066	Tr=50 anni	10.28	49.55	50.74	51.07	0.006410	2.56	4.02	6.21	39.87	46.08
ReachM1	156.0066	Tr=100 anni	11.53	49.55	50.07	57.71	0.342029	12.24	0.94	2.71	40.67	43.38
ReachM1	156.0066	Tr=200 anni	12.80	49.55	50.13	57.03	0.292815	11.64	1.10	3.05	40.60	43.65
ReachM1	156.0066	Tr=500 anni	14.54	49.55	50.16	57.74	0.311790	12.20	1.19	3.24	40.56	43.80
ReachM1	130.6471	Tr=50 anni	10.28	41.65	42.08	49.81	0.431911	12.32	0.83	2.97	51.13	54.10
ReachM1	130.6471	Tr=100 anni	11.53	41.65	42.13	49.00	0.326895	11.61	0.99	3.11	51.04	54.15
ReachM1	130.6471	Tr=200 anni	12.80	41.65	42.16	49.30	0.315008	11.84	1.08	3.19	50.99	54.17
ReachM1	130.6471	Tr=500 anni	14.54	41.65	42.19	49.84	0.310723	12.25	1.19	3.27	50.93	54.20
ReachM1	95.84771	Tr=50 anni	10.28	34.88	35.17	37.42	0.231940	6.64	1.55	9.20	38.64	47.83
ReachM1	95.84771	Tr=100 anni	11.53	34.88	35.18	37.75	0.252515	7.11	1.62	9.27	38.58	47.85
ReachM1	95.84771	Tr=200 anni	12.80	34.88	35.19	38.03	0.262448	7.47	1.71	9.36	38.51	47.87
ReachM1	95.84771	Tr=500 anni	14.54	34.88	35.20	38.39	0.272379	7.91	1.84	9.48	38.41	47.89
ReachM1	77.99318	Tr=50 anni	10.28	27.16	27.68	32.97	0.232810	10.19	1.01	2.93	42.74	45.68
ReachM1	77.99318	Tr=100 anni	11.53	27.16	27.72	33.22	0.224206	10.39	1.11	3.03	42.69	45.72
ReachM1	77.99318	Tr=200 anni	12.80	27.16	27.75	33.48	0.217919	10.60	1.21	3.12	42.63	45.76
ReachM1	77.99318	Tr=500 anni	14.54	27.16	27.79	33.83	0.212186	10.89	1.34	3.24	42.57	45.80
ReachM1	50.63252	Tr=50 anni	10.28	16.69	17.03	23.87	0.492541	11.59	0.89	3.91	62.66	66.57
ReachM1	50.63252	Tr=100 anni	11.53	16.69	17.05	24.35	0.484682	11.97	0.96	3.99	62.61	66.60
ReachM1	50.63252	Tr=200 anni	12.80	16.69	17.07	24.79	0.475471	12.31	1.04	4.06	62.57	66.63
ReachM1	50.63252	Tr=500 anni	14.54	16.69	17.09	25.34	0.463983	12.73	1.14	4.16	62.51	66.67
ReachM1	27.49286	Tr=50 anni	10.28	8.26	8.71	14.44	0.320783	10.61	0.97	3.49	29.69	33.18
ReachM1	27.49286	Tr=100 anni	11.53	8.26	8.73	14.94	0.324130	11.04	1.04	3.56	29.64	33.20
ReachM1	27.49286	Tr=200 anni	12.80	8.26	8.75	15.43	0.326836	11.45	1.12	3.62	29.60	33.22
ReachM1	27.49286	Tr=500 anni	14.54	8.26	8.78	16.06	0.330245	11.96	1.22	3.71	29.54	33.25

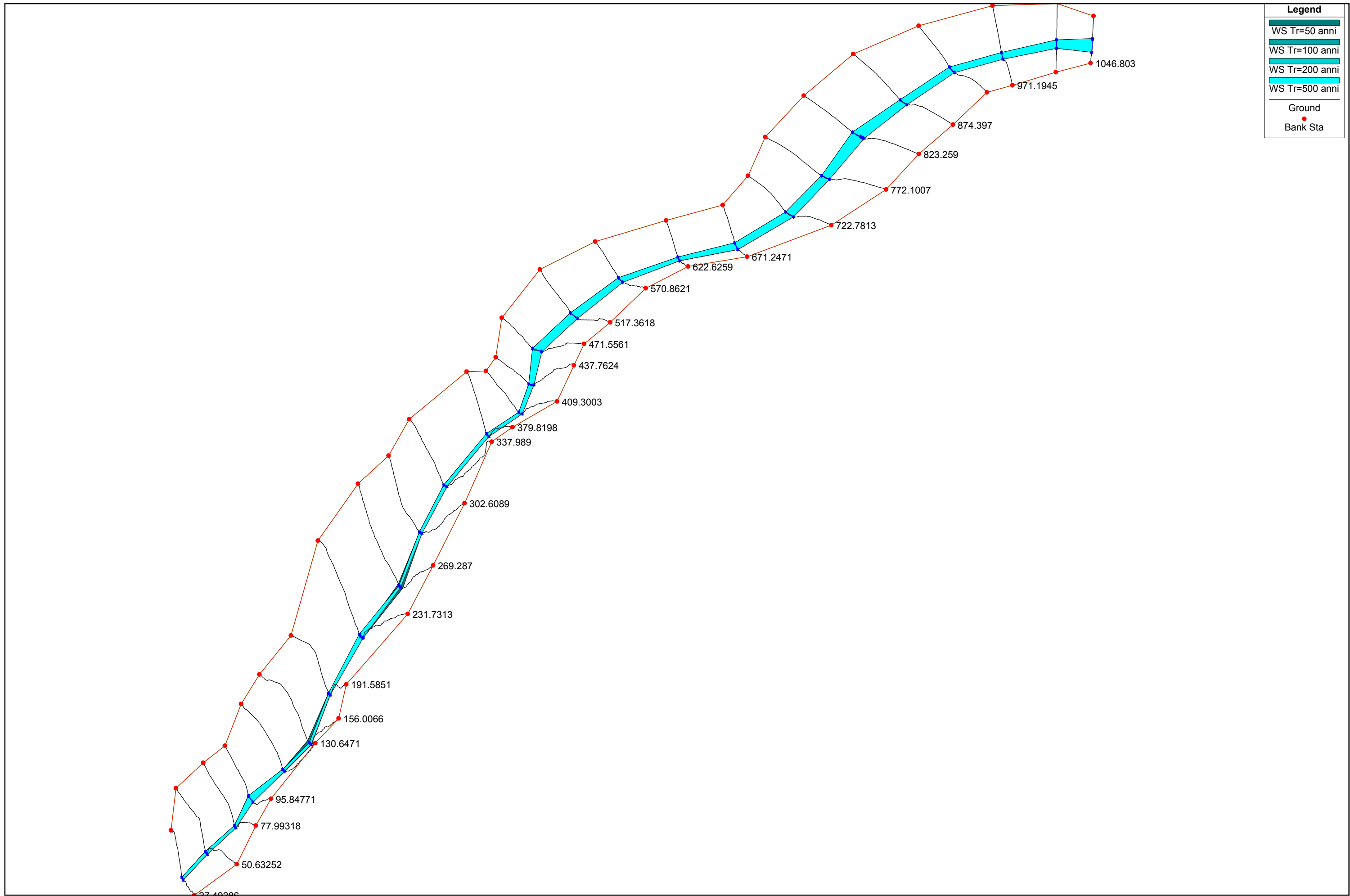










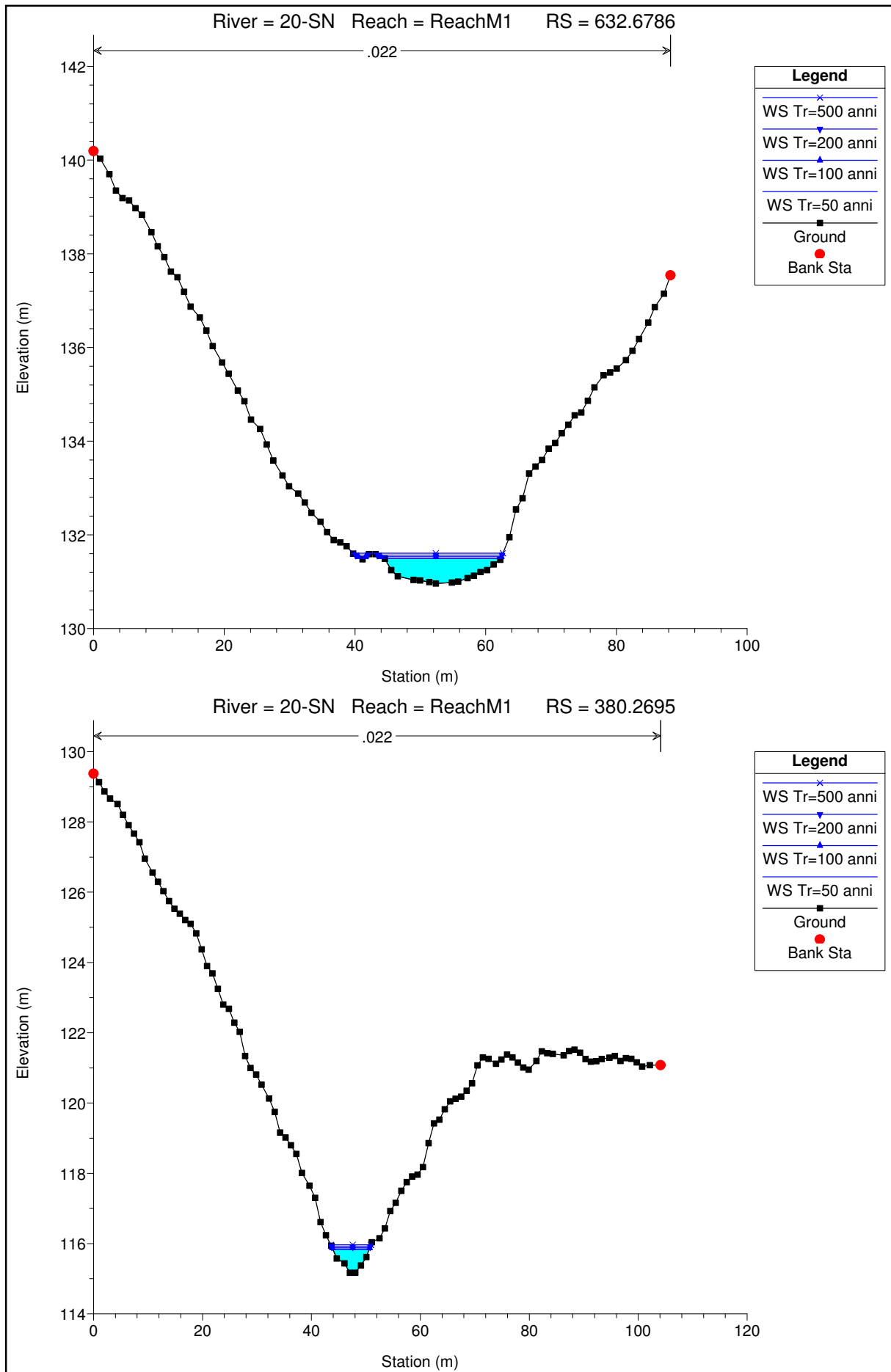


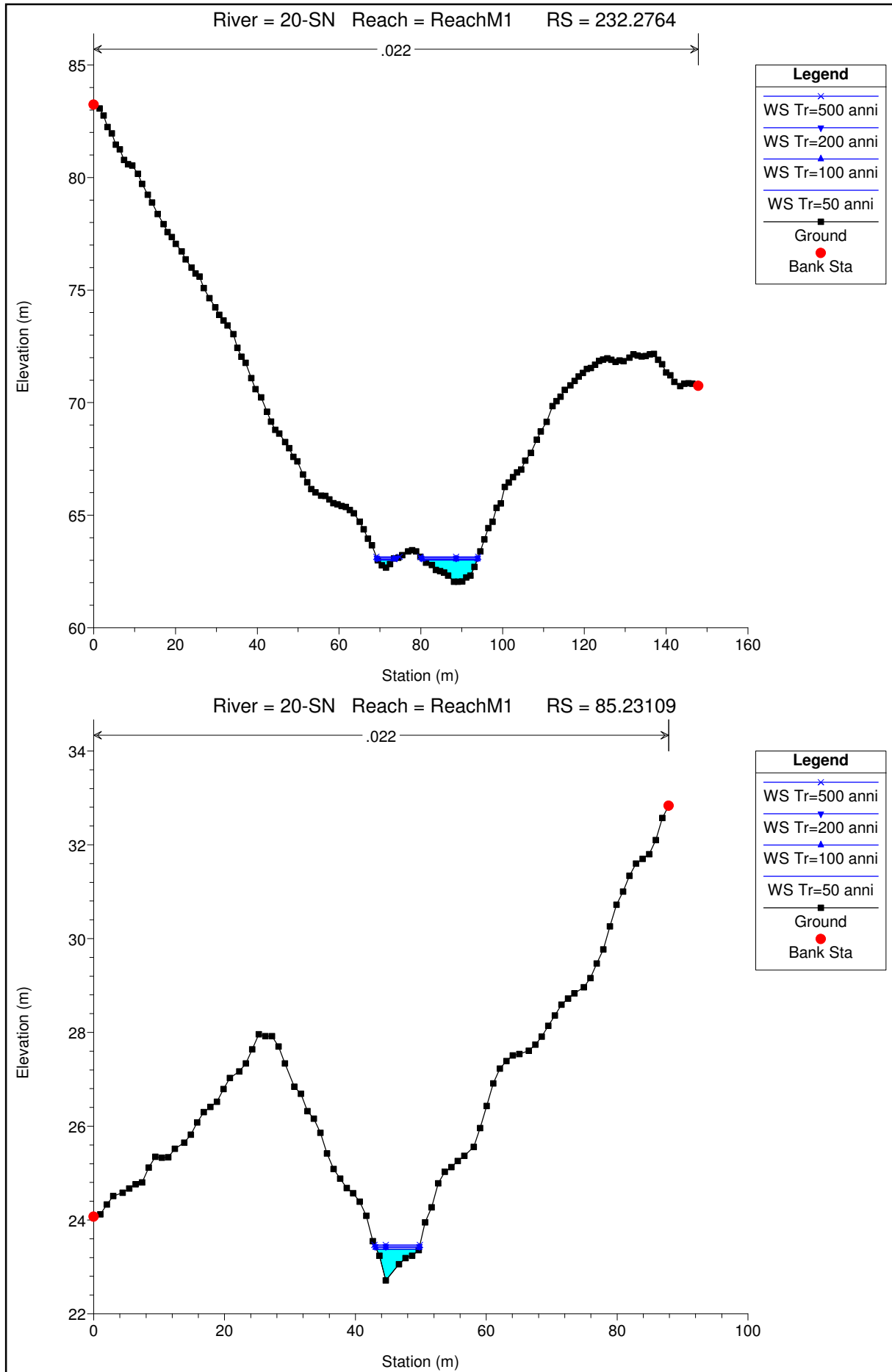
F - Bacino mare

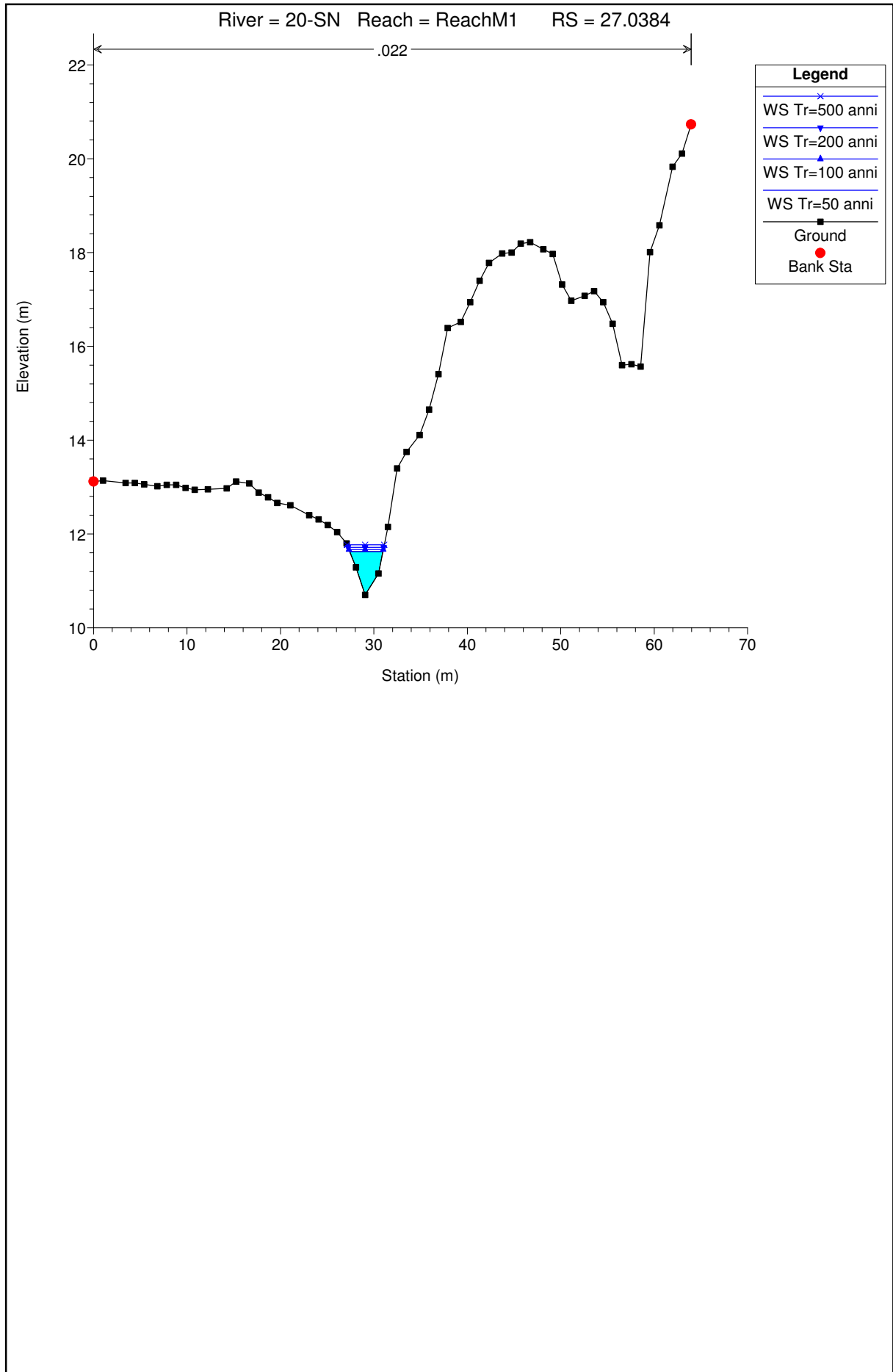
tronco 20-SN

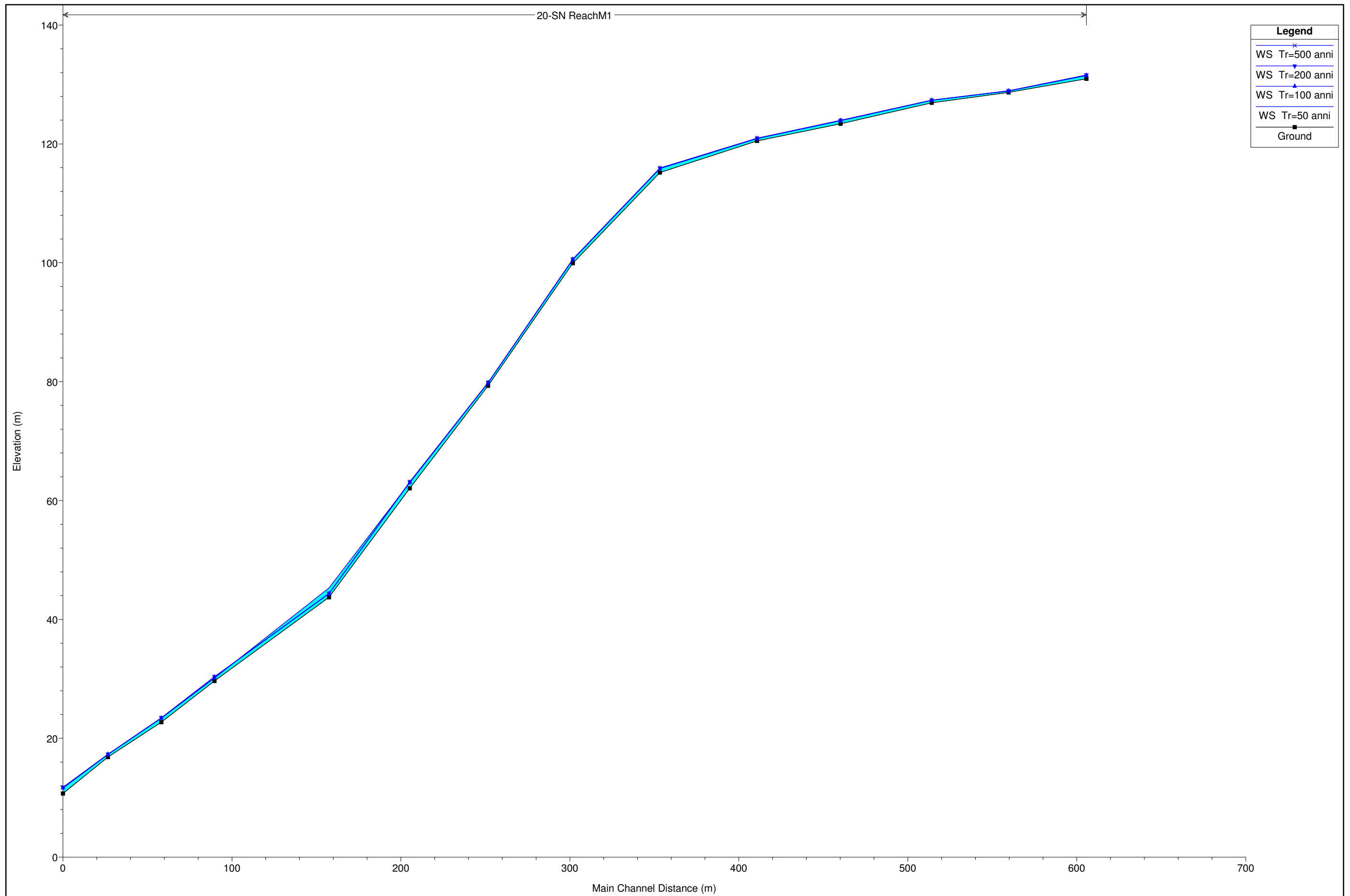
HEC-RAS Plan: n_mod River: 20-SN Reach: ReachM1

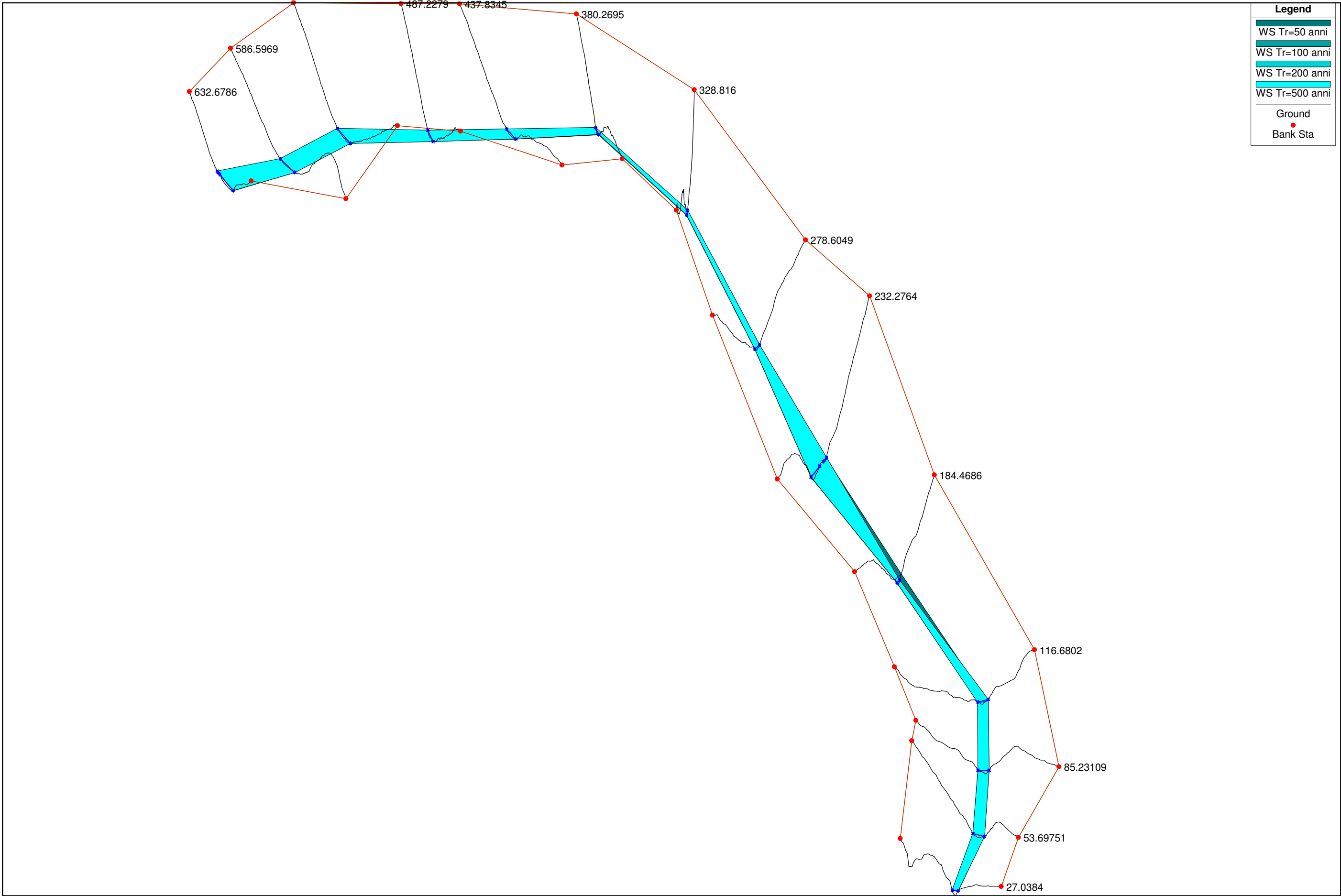
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	632.6786	Tr=50 anni	12.96	130.96	131.50	131.68	0.006604	1.91	6.78	18.15	40.95	62.29
ReachM1	632.6786	Tr=100 anni	14.52	130.96	131.53	131.73	0.006653	1.95	7.46	19.51	40.53	62.39
ReachM1	632.6786	Tr=200 anni	16.12	130.96	131.57	131.77	0.006493	1.96	8.23	20.97	40.08	62.51
ReachM1	632.6786	Tr=500 anni	18.30	130.96	131.61	131.82	0.006769	2.01	9.10	22.95	39.67	62.62
ReachM1	586.5969	Tr=50 anni	12.96	128.66	128.89	130.64	0.228729	5.85	2.21	15.84	58.27	74.12
ReachM1	586.5969	Tr=100 anni	14.52	128.66	128.91	130.68	0.211786	5.90	2.46	16.40	58.06	74.45
ReachM1	586.5969	Tr=200 anni	16.12	128.66	128.92	130.75	0.198501	5.98	2.69	16.75	57.85	74.61
ReachM1	586.5969	Tr=500 anni	18.30	128.66	128.94	130.78	0.177117	6.01	3.05	17.28	57.56	74.84
ReachM1	541.1757	Tr=50 anni	12.96	126.93	127.32	127.74	0.024003	2.88	4.50	17.15	61.59	78.74
ReachM1	541.1757	Tr=100 anni	14.52	126.93	127.34	127.80	0.024632	3.01	4.82	17.57	61.47	79.04
ReachM1	541.1757	Tr=200 anni	16.12	126.93	127.36	127.86	0.025226	3.14	5.13	17.82	61.36	79.18
ReachM1	541.1757	Tr=500 anni	18.30	126.93	127.38	127.94	0.025898	3.31	5.53	18.14	61.22	79.37
ReachM1	487.2279	Tr=50 anni	12.96	123.40	123.90	125.36	0.093605	5.36	2.42	10.04	59.04	69.08
ReachM1	487.2279	Tr=100 anni	14.52	123.40	123.93	125.41	0.089321	5.41	2.69	10.63	58.92	69.55
ReachM1	487.2279	Tr=200 anni	16.12	123.40	123.95	125.47	0.086059	5.46	2.95	11.20	58.80	70.00
ReachM1	487.2279	Tr=500 anni	18.30	123.40	123.98	125.54	0.082442	5.53	3.31	11.91	58.65	70.56
ReachM1	437.8345	Tr=50 anni	12.96	120.50	120.90	121.82	0.052226	4.26	3.04	11.53	62.49	74.02
ReachM1	437.8345	Tr=100 anni	14.52	120.50	120.92	121.93	0.053174	4.46	3.26	11.69	62.43	74.12
ReachM1	437.8345	Tr=200 anni	16.12	120.50	120.94	122.03	0.053756	4.64	3.48	11.85	62.36	74.21
ReachM1	437.8345	Tr=500 anni	18.30	120.50	120.96	122.16	0.054422	4.86	3.77	12.08	62.28	74.36
ReachM1	380.2695	Tr=50 anni	17.99	115.17	115.84	118.07	0.072659	6.63	2.72	6.65	43.94	50.59
ReachM1	380.2695	Tr=100 anni	20.16	115.17	115.88	118.22	0.070180	6.78	2.97	6.84	43.84	50.68
ReachM1	380.2695	Tr=200 anni	22.38	115.17	115.91	118.36	0.068160	6.93	3.23	7.04	43.73	50.77
ReachM1	380.2695	Tr=500 anni	25.40	115.17	115.96	118.53	0.065896	7.11	3.57	7.29	43.59	50.88
ReachM1	328.816	Tr=50 anni	17.99	99.94	100.54	109.73	0.459104	13.44	1.34	4.47	31.57	36.04
ReachM1	328.816	Tr=100 anni	20.16	99.94	100.57	110.09	0.447733	13.67	1.47	4.70	31.41	36.11
ReachM1	328.816	Tr=200 anni	22.38	99.94	100.59	110.41	0.436379	13.88	1.61	4.94	31.25	36.18
ReachM1	328.816	Tr=500 anni	25.40	99.94	100.63	110.80	0.422543	14.13	1.80	5.23	31.04	36.28
ReachM1	278.6049	Tr=50 anni	17.99	79.32	79.80	87.39	0.413358	12.21	1.47	5.31	53.04	58.35
ReachM1	278.6049	Tr=100 anni	20.16	79.32	79.82	88.04	0.415645	12.70	1.59	5.41	52.98	58.39
ReachM1	278.6049	Tr=200 anni	22.38	79.32	79.84	88.68	0.417881	13.17	1.70	5.50	52.93	58.44
ReachM1	278.6049	Tr=500 anni	25.40	79.32	79.87	89.49	0.419771	13.75	1.85	5.62	52.87	58.49
ReachM1	232.2764	Tr=50 anni	17.99	62.05	63.00	63.25	0.006345	2.21	8.14	16.79	69.45	93.74
ReachM1	232.2764	Tr=100 anni	20.16	62.05	63.05	63.31	0.006123	2.25	8.95	17.43	69.35	93.83
ReachM1	232.2764	Tr=200 anni	22.38	62.05	63.10	63.37	0.006098	2.28	9.81	18.66	69.25	93.93
ReachM1	232.2764	Tr=500 anni	25.40	62.05	63.15	63.43	0.006162	2.35	10.81	19.84	69.14	94.04
ReachM1	184.4686	Tr=50 anni	17.99	43.73	45.29	45.71	0.005833	2.84	6.32	7.86	41.67	49.52
ReachM1	184.4686	Tr=100 anni	20.16	43.73	44.31	46.72	0.697749	17.94	1.12	3.20	43.74	46.94
ReachM1	184.4686	Tr=200 anni	22.38	43.73	44.35	46.78	0.645985	17.96	1.25	3.34	43.67	47.02
ReachM1	184.4686	Tr=500 anni	25.40	43.73	44.40	46.85	0.588919	17.97	1.41	3.53	43.59	47.11
ReachM1	116.6802	Tr=50 anni	17.99	29.63	30.13	34.09	0.963356	15.95	1.13	5.15	35.95	41.10
ReachM1	116.6802	Tr=100 anni	20.16	29.63	30.30	34.34	0.195544	8.90	2.27	7.55	34.79	42.34
ReachM1	116.6802	Tr=200 anni	22.38	29.63	30.32	34.66	0.201433	9.23	2.43	7.82	34.73	42.55
ReachM1	116.6802	Tr=500 anni	25.40	29.63	30.35	35.09	0.208881	9.64	2.63	8.17	34.64	42.81
ReachM1	85.23109	Tr=50 anni	17.99	22.71	23.38	27.81	0.221111	9.33	1.93	6.49	43.21	49.69
ReachM1	85.23109	Tr=100 anni	20.16	22.71	23.41	27.97	0.205795	9.46	2.13	6.64	43.11	49.75
ReachM1	85.23109	Tr=200 anni	22.38	22.71	23.44	28.26	0.202116	9.74	2.30	6.76	43.03	49.79
ReachM1	85.23109	Tr=500 anni	25.40	22.71	23.47	28.65	0.198184	10.08	2.52	6.92	42.92	49.84
ReachM1	53.69751	Tr=50 anni	17.99	16.83	17.27	20.95	0.200942	8.51	2.11	7.76	24.95	32.71
ReachM1	53.69751	Tr=100 anni	20.16	16.83	17.29	21.31	0.206930	8.89	2.27	7.96	24.80	32.77
ReachM1	53.69751	Tr=200 anni	22.38	16.83	17.31	21.63	0.209852	9.21	2.43	8.17	24.65	32.82
ReachM1	53.69751	Tr=500 anni	25.40	16.83	17.33	22.03	0.213235	9.61	2.64	8.44	24.45	32.89
ReachM1	27.0384	Tr=50 anni	17.99	10.70	11.63	16.51	0.133404	9.80	1.84	3.55	27.41	30.96
ReachM1	27.0384	Tr=100 anni	20.16	10.70	11.67	16.84	0.132539	10.07	2.00	3.68	27.32	31.01
ReachM1	27.0384	Tr=200 anni	22.38	10.70	11.72	17.15	0.131726	10.32	2.17	3.81	27.24	31.05
ReachM1	27.0384	Tr=500 anni	25.40	10.70	11.77	17.54	0.130780	10.64	2.39	3.98	27.13	31.11











G - Bacino mare

Canale Golfo Leone

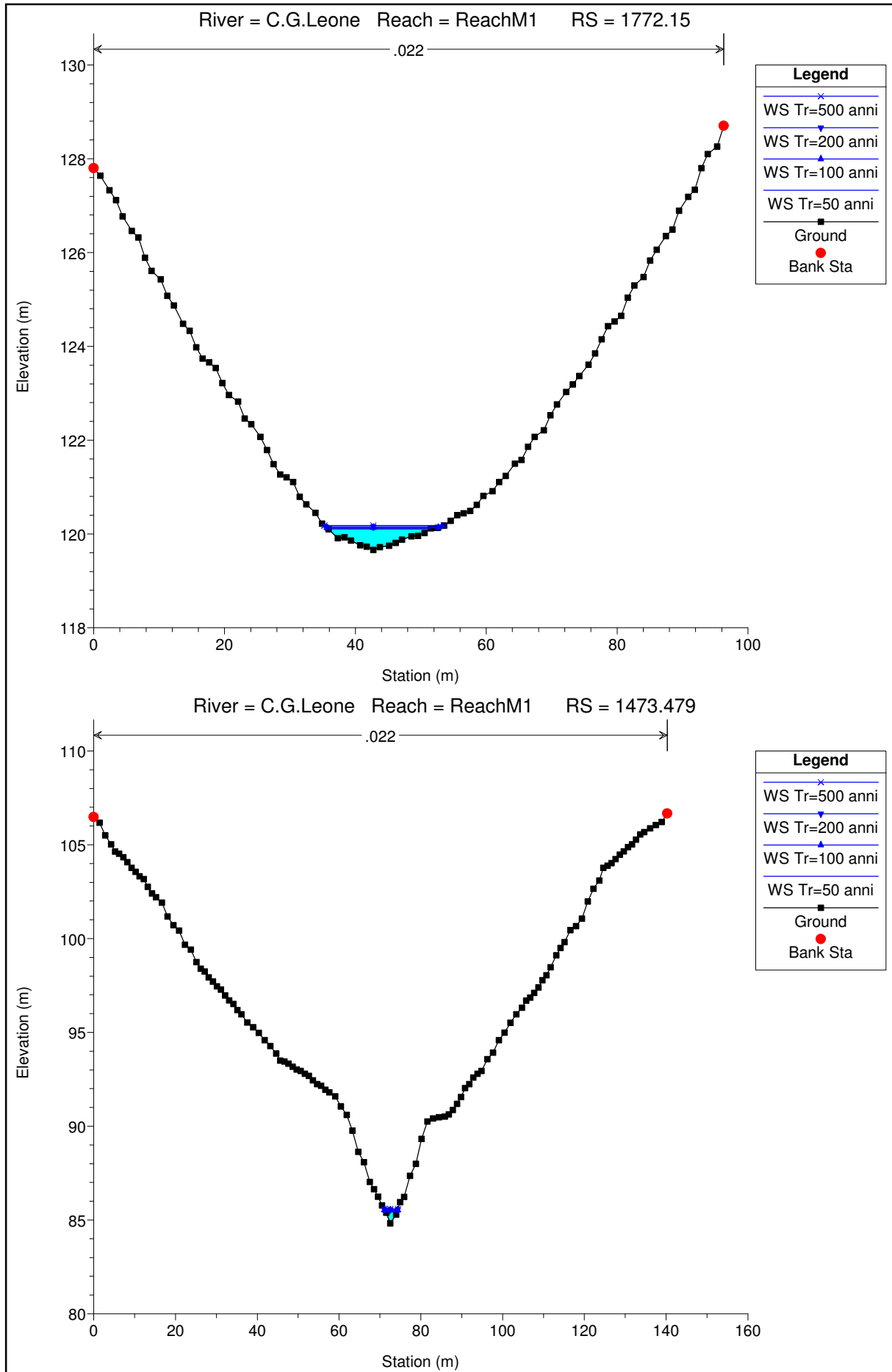
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1772.15	Tr=50 anni	6.09	119.66	120.11	120.23	0.007758	1.58	3.86	15.61	35.83	51.44
ReachM1	1772.15	Tr=100 anni	6.79	119.66	120.14	120.26	0.007552	1.58	4.31	17.07	35.61	52.67
ReachM1	1772.15	Tr=200 anni	7.50	119.66	120.15	120.29	0.007623	1.63	4.61	17.56	35.46	53.02
ReachM1	1772.15	Tr=500 anni	8.47	119.66	120.18	120.32	0.007498	1.67	5.07	18.28	35.25	53.53
ReachM1	1724.428	Tr=50 anni	6.09	113.20	113.48	118.55	0.608873	9.97	0.61	4.05	56.94	60.99
ReachM1	1724.428	Tr=100 anni	6.79	113.20	113.50	118.61	0.572442	10.02	0.68	4.27	56.82	61.09
ReachM1	1724.428	Tr=200 anni	7.50	113.20	113.51	118.63	0.535403	10.02	0.75	4.48	56.71	61.18
ReachM1	1724.428	Tr=500 anni	8.47	113.20	113.53	118.68	0.497436	10.06	0.84	4.74	56.56	61.30
ReachM1	1674.426	Tr=50 anni	6.09	105.62	106.17	107.91	0.093285	5.86	1.04	3.63	66.66	70.29
ReachM1	1674.426	Tr=100 anni	6.79	105.62	106.19	108.06	0.094674	6.07	1.12	3.74	66.60	70.34
ReachM1	1674.426	Tr=200 anni	7.50	105.62	106.21	108.21	0.096029	6.26	1.20	3.85	66.53	70.38
ReachM1	1674.426	Tr=500 anni	8.47	105.62	106.23	108.40	0.097835	6.52	1.30	3.99	66.45	70.44
ReachM1	1623.371	Tr=50 anni	6.09	100.31	100.72	102.58	0.117397	6.04	1.01	4.05	64.00	68.05
ReachM1	1623.371	Tr=100 anni	6.79	100.31	100.74	102.70	0.117017	6.20	1.10	4.22	63.95	68.17
ReachM1	1623.371	Tr=200 anni	7.50	100.31	100.76	102.81	0.116683	6.34	1.18	4.39	63.91	68.30
ReachM1	1623.371	Tr=500 anni	8.47	100.31	100.79	102.86	0.119677	6.37	1.33	5.02	63.60	68.62
ReachM1	1570.81	Tr=50 anni	6.09	93.25	93.57	95.61	0.150075	6.32	0.96	4.41	69.23	73.64
ReachM1	1570.81	Tr=100 anni	6.79	93.25	93.59	95.76	0.149316	6.52	1.04	4.53	69.18	73.71
ReachM1	1570.81	Tr=200 anni	7.50	93.25	93.61	95.89	0.148482	6.70	1.12	4.65	69.13	73.78
ReachM1	1570.81	Tr=500 anni	8.47	93.25	93.63	96.00	0.141303	6.82	1.24	4.83	69.06	73.89
ReachM1	1519.286	Tr=50 anni	6.09	88.66	89.16	90.43	0.066679	5.00	1.22	4.25	70.09	74.34
ReachM1	1519.286	Tr=100 anni	6.79	88.66	89.18	90.54	0.067424	5.17	1.31	4.39	70.00	74.39
ReachM1	1519.286	Tr=200 anni	7.50	88.66	89.20	90.65	0.068157	5.33	1.41	4.52	69.90	74.43
ReachM1	1519.286	Tr=500 anni	8.47	88.66	89.23	90.80	0.069847	5.56	1.52	4.69	69.79	74.48
ReachM1	1473.479	Tr=50 anni	6.09	84.82	85.50	87.19	0.073437	5.77	1.06	2.99	71.26	74.25
ReachM1	1473.479	Tr=100 anni	6.79	84.82	85.53	87.30	0.072590	5.90	1.15	3.12	71.18	74.30
ReachM1	1473.479	Tr=200 anni	7.50	84.82	85.56	87.41	0.071858	6.03	1.24	3.24	71.11	74.34
ReachM1	1473.479	Tr=500 anni	8.47	84.82	85.59	87.54	0.070911	6.19	1.37	3.39	71.01	74.40
ReachM1	1419.751	Tr=50 anni	6.09	82.74	83.11	83.93	0.043883	4.01	1.52	5.44	72.79	78.23
ReachM1	1419.751	Tr=100 anni	6.79	82.74	83.13	84.02	0.044746	4.19	1.62	5.53	72.74	78.27
ReachM1	1419.751	Tr=200 anni	7.50	82.74	83.14	84.11	0.045529	4.35	1.72	5.62	72.69	78.31
ReachM1	1419.751	Tr=500 anni	8.47	82.74	83.17	84.23	0.046482	4.56	1.86	5.73	72.63	78.36
ReachM1	1373.324	Tr=50 anni	6.09	81.36	81.82	82.17	0.028103	2.64	2.30	11.20	61.79	72.99
ReachM1	1373.324	Tr=100 anni	6.79	81.36	81.83	82.22	0.028868	2.77	2.45	11.35	61.69	73.03
ReachM1	1373.324	Tr=200 anni	7.50	81.36	81.84	82.27	0.029506	2.88	2.60	11.51	61.59	73.10
ReachM1	1373.324	Tr=500 anni	8.47	81.36	81.86	82.32	0.030418	3.02	2.80	11.84	61.45	73.29
ReachM1	1319.088	Tr=50 anni	6.09	76.47	76.73	78.65	0.235883	6.14	0.99	6.73	69.39	76.12
ReachM1	1319.088	Tr=100 anni	6.79	76.47	76.74	78.69	0.221065	6.18	1.10	7.03	69.19	76.22
ReachM1	1319.088	Tr=200 anni	7.50	76.47	76.76	78.73	0.208447	6.22	1.21	7.31	69.00	76.31
ReachM1	1319.088	Tr=500 anni	8.47	76.47	76.78	78.78	0.194282	6.27	1.35	7.67	68.75	76.42
ReachM1	1266.383	Tr=50 anni	6.09	68.62	69.08	70.90	0.099656	5.97	1.02	3.61	76.75	80.36
ReachM1	1266.383	Tr=100 anni	6.79	68.62	69.10	71.07	0.101977	6.21	1.09	3.71	76.72	80.43
ReachM1	1266.383	Tr=200 anni	7.50	68.62	69.12	71.22	0.103285	6.42	1.17	3.81	76.69	80.51
ReachM1	1266.383	Tr=500 anni	8.47	68.62	69.15	71.42	0.104693	6.67	1.27	3.94	76.66	80.60
ReachM1	1215.245	Tr=50 anni	6.09	65.95	66.53	67.43	0.042818	4.20	1.45	4.70	66.68	71.38
ReachM1	1215.245	Tr=100 anni	6.79	65.95	66.55	67.52	0.043336	4.37	1.56	4.80	66.61	71.41
ReachM1	1215.245	Tr=200 anni	7.50	65.95	66.57	67.62	0.043899	4.52	1.66	4.90	66.55	71.45
ReachM1	1215.245	Tr=500 anni	8.47	65.95	66.60	67.73	0.044754	4.70	1.80	5.08	66.41	71.49
ReachM1	1165.675	Tr=50 anni	6.09	63.14	63.70	64.92	0.059092	4.89	1.24	4.06	67.61	71.67
ReachM1	1165.675	Tr=100 anni	6.79	63.14	63.72	65.01	0.058611	5.02	1.35	4.21	67.51	71.73
ReachM1	1165.675	Tr=200 anni	7.50	63.14	63.75	65.09	0.058103	5.14	1.46	4.36	67.42	71.78
ReachM1	1165.675	Tr=500 anni	8.47	63.14	63.78	65.20	0.057290	5.28	1.61	4.56	67.29	71.85
ReachM1	1103.652	Tr=50 anni	6.09	57.71	58.21	60.22	0.096816	6.28	0.97	3.08	73.95	77.03
ReachM1	1103.652	Tr=100 anni	6.79	57.71	58.24	60.36	0.095495	6.44	1.05	3.18	73.91	77.09
ReachM1	1103.652	Tr=200 anni	7.50	57.71	58.27	60.48	0.094300	6.60	1.14	3.27	73.86	77.14
ReachM1	1103.652	Tr=500 anni	8.47	57.71	58.30	60.65	0.092914	6.79	1.25	3.39	73.81	77.20
ReachM1	1068.667	Tr=50 anni	6.09	54.81	55.21	56.70	0.095558	5.41	1.12	4.62	78.39	83.01
ReachM1	1068.667	Tr=100 anni	6.79	54.81	55.23	56.84	0.097019	5.62	1.21	4.74	78.32	83.06
ReachM1	1068.667	Tr=200 anni	7.50	54.81	55.25	56.92	0.100303	5.73	1.31	5.12	77.99	83.11
ReachM1	1068.667	Tr=500 anni	8.47	54.81	55.27	57.03	0.104537	5.87	1.44	5.63	77.55	83.17
ReachM1	1032.566	Tr=50 anni	6.09	53.05	53.72	54.67	0.032516	4.31	1.41	3.30	62.43	65.73
ReachM1	1032.566	Tr=100 anni	6.79	53.05	53.76	54.77	0.032811	4.46	1.52	3.39	62.36	65.76
ReachM1	1032.566	Tr=200 anni	7.50	53.05	53.79	54.85	0.032154	4.55	1.65	3.50	62.29	65.79
ReachM1	1032.566	Tr=500 anni	8.47	53.05	53.84	54.95	0.031367	4.66	1.82	3.63	62.20	65.83
ReachM1	979.4666	Tr=50 anni	6.09	49.71	50.17	51.93	0.087157	5.88	1.04	3.39	70.00	73.39
ReachM1	979.4666	Tr=100 anni	6.79	49.71	50.20	52.04	0.084837	6.02	1.13	3.48	69.95	73.42
ReachM1	979.4666	Tr=200 anni	7.50	49.71	50.22	52.16	0.083357	6.17	1.22	3.56	69.89	73.46

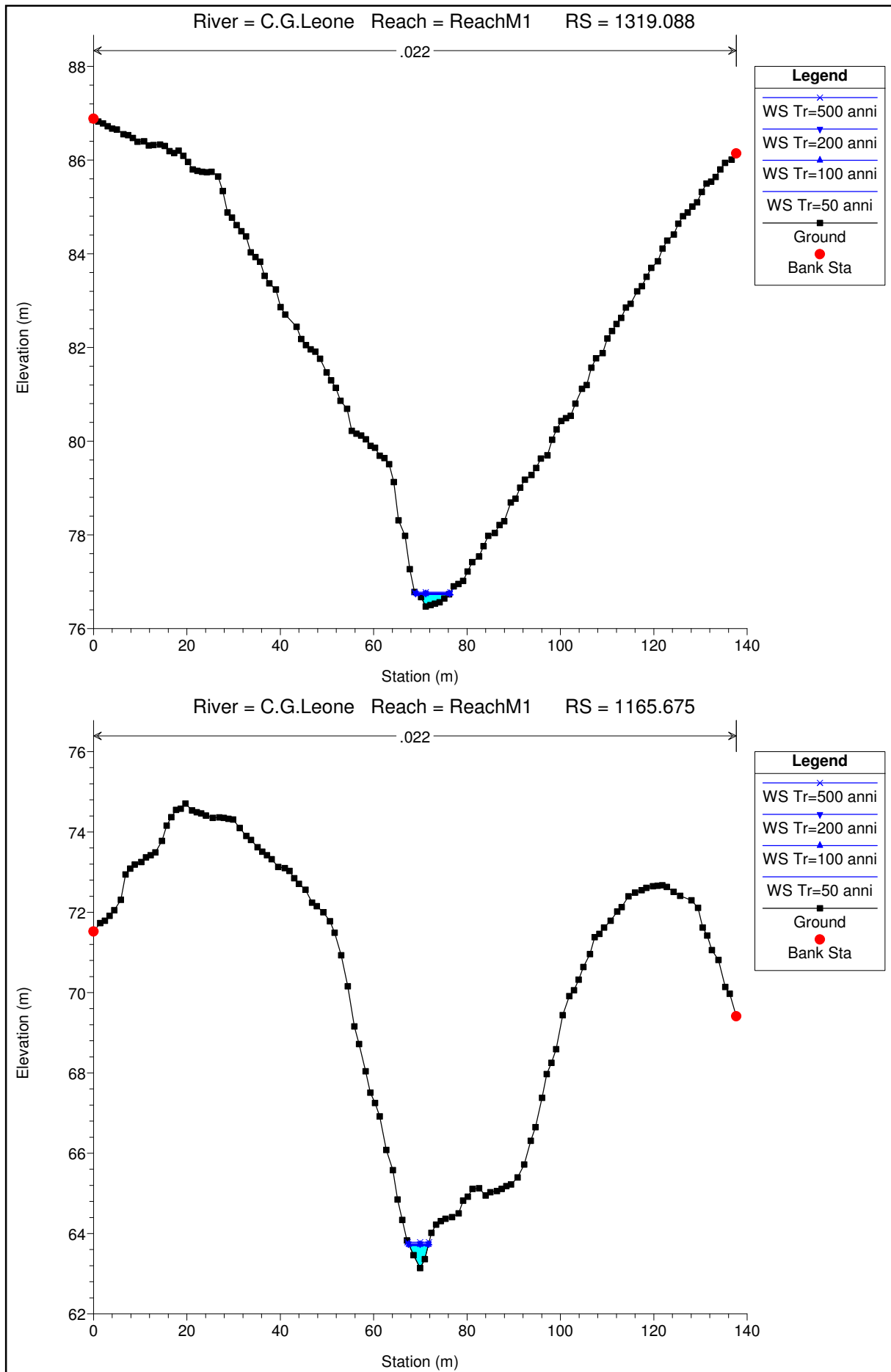
HEC-RAS Plan: n_mod River: C.G.Leone Reach: ReachM1 (Continued)

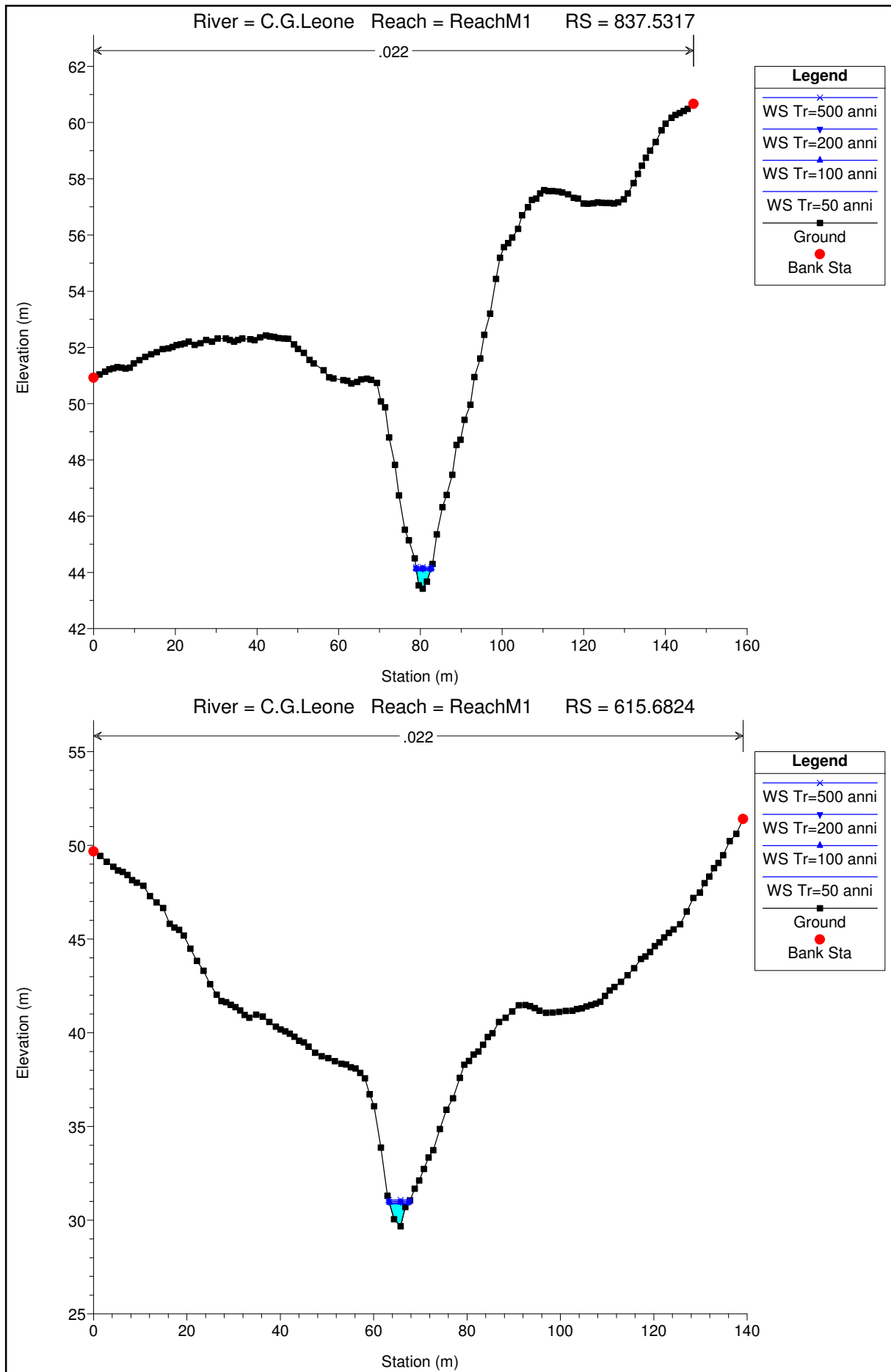
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Left Sta Eff	Right Sta Eff
			(m3/s)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	(m)	(m)
ReachM1	979.4666	Tr=500 anni	8.47	49.71	50.25	52.31	0.081851	6.35	1.33	3.67	69.83	73.50
ReachM1	922.6643	Tr=50 anni	6.09	46.53	47.42	48.57	0.038986	4.73	1.29	2.81	61.98	64.79
ReachM1	922.6643	Tr=100 anni	6.79	46.53	47.46	48.68	0.039625	4.89	1.39	2.92	61.92	64.84
ReachM1	922.6643	Tr=200 anni	7.50	46.53	47.49	48.79	0.040179	5.04	1.49	3.03	61.86	64.88
ReachM1	922.6643	Tr=500 anni	8.47	46.53	47.54	48.93	0.040770	5.22	1.62	3.16	61.78	64.94
ReachM1	876.2076	Tr=50 anni	6.09	44.81	45.33	46.50	0.050852	4.81	1.27	3.75	78.42	82.17
ReachM1	876.2076	Tr=100 anni	6.79	44.81	45.35	46.60	0.050718	4.96	1.37	3.87	78.37	82.23
ReachM1	876.2076	Tr=200 anni	7.50	44.81	45.38	46.70	0.050729	5.09	1.47	3.99	78.31	82.31
ReachM1	876.2076	Tr=500 anni	8.47	44.81	45.41	46.82	0.050826	5.26	1.61	4.16	78.24	82.40
ReachM1	837.5317	Tr=50 anni	6.09	43.42	44.08	44.95	0.029479	4.13	1.47	3.48	79.04	82.52
ReachM1	837.5317	Tr=100 anni	6.79	43.42	44.11	45.04	0.029689	4.27	1.59	3.59	79.00	82.59
ReachM1	837.5317	Tr=200 anni	7.50	43.42	44.14	45.13	0.029832	4.39	1.71	3.69	78.97	82.66
ReachM1	837.5317	Tr=500 anni	8.47	43.42	44.19	45.24	0.029987	4.55	1.86	3.83	78.93	82.75
ReachM1	795.5712	Tr=50 anni	6.09	39.21	39.78	42.44	0.142365	7.23	0.84	2.85	68.10	70.95
ReachM1	795.5712	Tr=100 anni	6.79	39.21	39.81	42.55	0.136758	7.33	0.93	2.97	68.05	71.02
ReachM1	795.5712	Tr=200 anni	7.50	39.21	39.83	42.65	0.131971	7.44	1.01	3.08	68.00	71.08
ReachM1	795.5712	Tr=500 anni	8.47	39.21	39.87	42.78	0.126504	7.57	1.12	3.22	67.94	71.17
ReachM1	739.2939	Tr=50 anni	6.09	35.86	36.30	37.08	0.056669	3.91	1.56	7.12	69.57	76.69
ReachM1	739.2939	Tr=100 anni	6.79	35.86	36.31	37.16	0.058499	4.08	1.66	7.29	69.48	76.78
ReachM1	739.2939	Tr=200 anni	7.50	35.86	36.33	37.25	0.060277	4.26	1.76	7.38	69.44	76.82
ReachM1	739.2939	Tr=500 anni	8.47	35.86	36.34	37.37	0.062405	4.49	1.89	7.49	69.38	76.87
ReachM1	683.5131	Tr=50 anni	19.41	33.87	34.97	35.91	0.016213	4.29	4.52	6.55	73.82	80.37
ReachM1	683.5131	Tr=100 anni	21.64	33.87	35.03	36.01	0.015871	4.41	4.91	6.70	73.76	80.46
ReachM1	683.5131	Tr=200 anni	23.91	33.87	35.08	36.12	0.015597	4.52	5.30	6.85	73.69	80.54
ReachM1	683.5131	Tr=500 anni	26.98	33.87	35.16	36.26	0.015310	4.65	5.80	7.04	73.61	80.65
ReachM1	615.6824	Tr=50 anni	19.41	29.67	30.88	33.79	0.061729	7.56	2.57	3.87	63.42	67.28
ReachM1	615.6824	Tr=100 anni	21.64	29.67	30.94	33.94	0.060657	7.66	2.82	4.12	63.35	67.47
ReachM1	615.6824	Tr=200 anni	23.91	29.67	31.00	34.07	0.059424	7.76	3.08	4.36	63.28	67.64
ReachM1	615.6824	Tr=500 anni	26.98	29.67	31.08	34.25	0.057585	7.88	3.42	4.63	63.19	67.82
ReachM1	560.1729	Tr=50 anni	19.41	25.81	26.54	29.34	0.106938	7.40	2.62	7.25	56.35	63.59
ReachM1	560.1729	Tr=100 anni	21.64	25.81	26.57	29.55	0.107354	7.65	2.83	7.47	56.18	63.65
ReachM1	560.1729	Tr=200 anni	23.91	25.81	26.60	29.73	0.106920	7.84	3.05	7.72	55.98	63.71
ReachM1	560.1729	Tr=500 anni	26.98	25.81	26.63	29.98	0.106632	8.10	3.33	8.01	55.75	63.76
ReachM1	526.579	Tr=50 anni	19.41	23.48	24.57	26.64	0.053871	6.37	3.05	6.01	61.26	67.27
ReachM1	526.579	Tr=100 anni	21.64	23.48	24.61	26.81	0.054791	6.56	3.30	6.30	61.23	67.53
ReachM1	526.579	Tr=200 anni	23.91	23.48	24.65	27.00	0.055160	6.79	3.52	6.42	61.19	67.61
ReachM1	526.579	Tr=500 anni	26.98	23.48	24.70	27.24	0.055286	7.06	3.82	6.54	61.15	67.69
ReachM1	489.0996	Tr=50 anni	19.41	20.12	20.89	24.10	0.079949	7.93	2.45	4.53	67.69	72.21
ReachM1	489.0996	Tr=100 anni	21.64	20.12	20.94	24.28	0.076945	8.09	2.67	4.64	67.65	72.30
ReachM1	489.0996	Tr=200 anni	23.91	20.12	20.99	24.48	0.075405	8.28	2.89	4.75	67.62	72.37
ReachM1	489.0996	Tr=500 anni	26.98	20.12	21.05	24.74	0.073826	8.52	3.17	4.89	67.58	72.47
ReachM1	450.4564	Tr=50 anni	19.41	19.48	20.73	22.09	0.021902	5.17	3.76	4.86	84.68	89.54
ReachM1	450.4564	Tr=100 anni	21.64	19.48	20.79	22.26	0.022506	5.37	4.03	5.01	84.61	89.62
ReachM1	450.4564	Tr=200 anni	23.91	19.48	20.84	22.43	0.023268	5.58	4.28	5.14	84.55	89.69
ReachM1	450.4564	Tr=500 anni	26.98	19.48	20.90	22.64	0.024240	5.85	4.61	5.31	84.47	89.77
ReachM1	405.5255	Tr=50 anni	19.41	16.42	17.66	20.48	0.053338	7.45	2.61	3.30	83.77	87.07
ReachM1	405.5255	Tr=100 anni	21.64	16.42	17.73	20.64	0.051634	7.56	2.86	3.45	83.67	87.12
ReachM1	405.5255	Tr=200 anni	23.91	16.42	17.80	20.80	0.050341	7.67	3.12	3.59	83.58	87.16
ReachM1	405.5255	Tr=500 anni	26.98	16.42	17.90	21.01	0.048929	7.82	3.45	3.76	83.46	87.22
ReachM1	378.8331	Tr=50 anni	19.41	14.98	15.84	18.87	0.067711	7.71	2.52	4.33	82.65	86.98
ReachM1	378.8331	Tr=100 anni	21.64	14.98	15.89	19.06	0.066211	7.89	2.74	4.46	82.59	87.05
ReachM1	378.8331	Tr=200 anni	23.91	14.98	15.94	19.25	0.064933	8.06	2.97	4.58	82.53	87.11
ReachM1	378.8331	Tr=500 anni	26.98	14.98	16.01	19.49	0.063418	8.27	3.26	4.73	82.46	87.20
ReachM1	354.4843	Tr=50 anni	19.41	12.83	13.63	16.87	0.098759	7.98	2.43	5.55	88.39	93.94
ReachM1	354.4843	Tr=100 anni	21.64	12.83	13.67	17.08	0.099925	8.18	2.64	5.86	88.17	94.03
ReachM1	354.4843	Tr=200 anni	23.91	12.83	13.70	17.29	0.101122	8.39	2.85	6.15	87.97	94.11
ReachM1	354.4843	Tr=500 anni	26.98	12.83	13.75	17.54	0.100911	8.64	3.12	6.44	87.78	94.22
ReachM1	329.9865	Tr=50 anni	19.41	11.34	12.25	14.74	0.063388	6.99	2.78	5.45	103.11	108.56
ReachM1	329.9865	Tr=100 anni	21.64	11.34	12.29	14.93	0.063343	7.20	3.01	5.64	103.02	108.66
ReachM1	329.9865	Tr=200 anni	23.91	11.34	12.33	15.12	0.063401	7.40	3.23	5.81	102.94	108.75
ReachM1	329.9865	Tr=500 anni	26.98	11.34	12.38	15.37	0.063771	7.67	3.52	6.03	102.84	108.87
ReachM1	305.7712	Tr=50 anni	19.41	9.40	10.55	13.23	0.059854	7.25	2.68	4.47	116.45	120.92
ReachM1	305.7712	Tr=100 anni	21.64	9.40	10.60	13.41	0.060707	7.43	2.91	4.75	116.37	121.13
ReachM1	305.7712	Tr=200 anni	23.91	9.40	10.64	13.59	0.061496	7.61	3.14	5.02	116.30	121.32
ReachM1	305.7712	Tr=500 anni	26.98	9.40	10.70	13.82	0.063877	7.82	3.45	5.48	116.21	121.69
ReachM1	271.3461	Tr=50 anni	19.41	8.09	8.72	10.47	0.087497	5.85	3.32	11.39	127.82	139.21

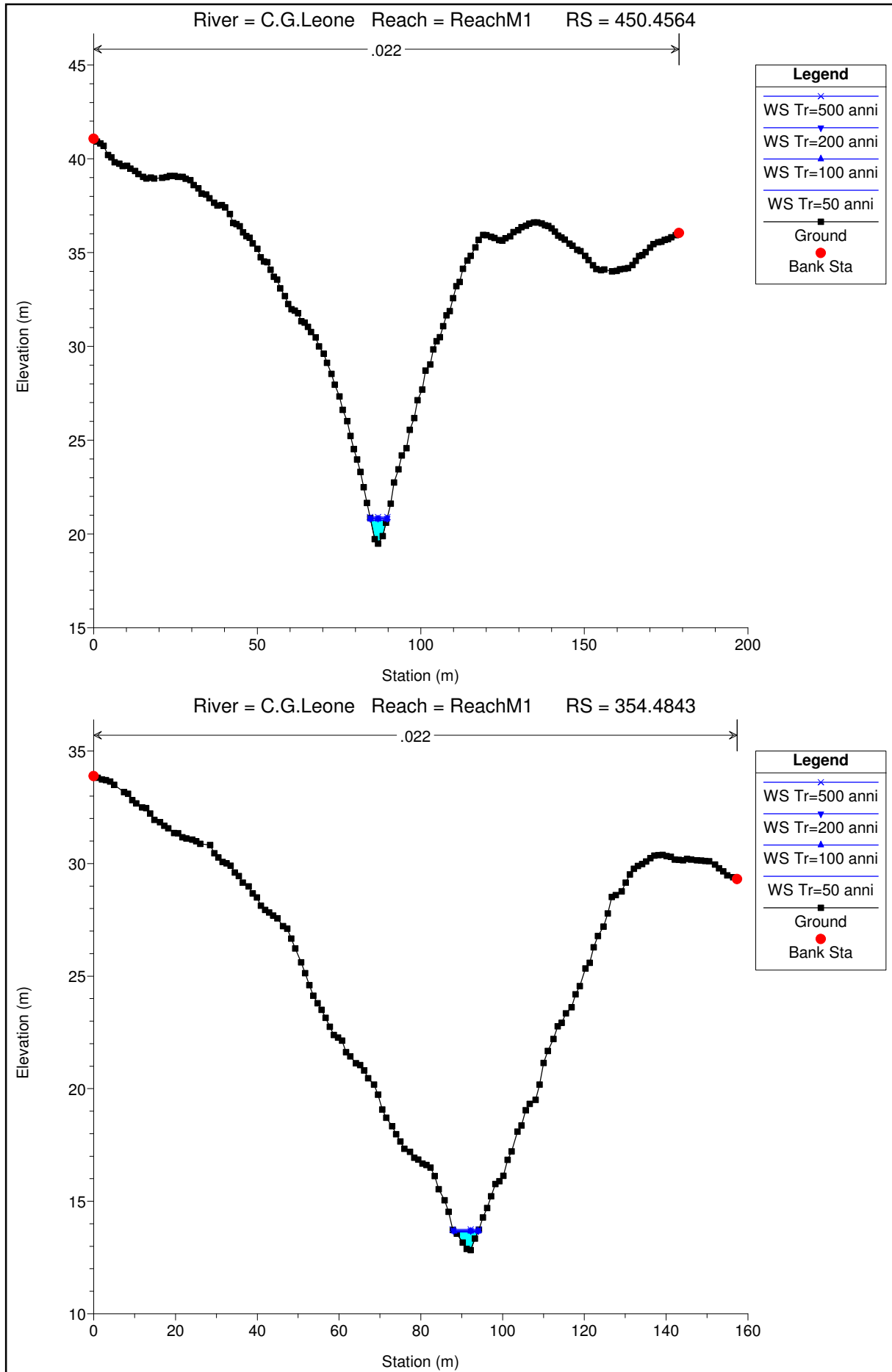
HEC-RAS Plan: n_mod River: C.G.Leone Reach: ReachM1 (Continued)

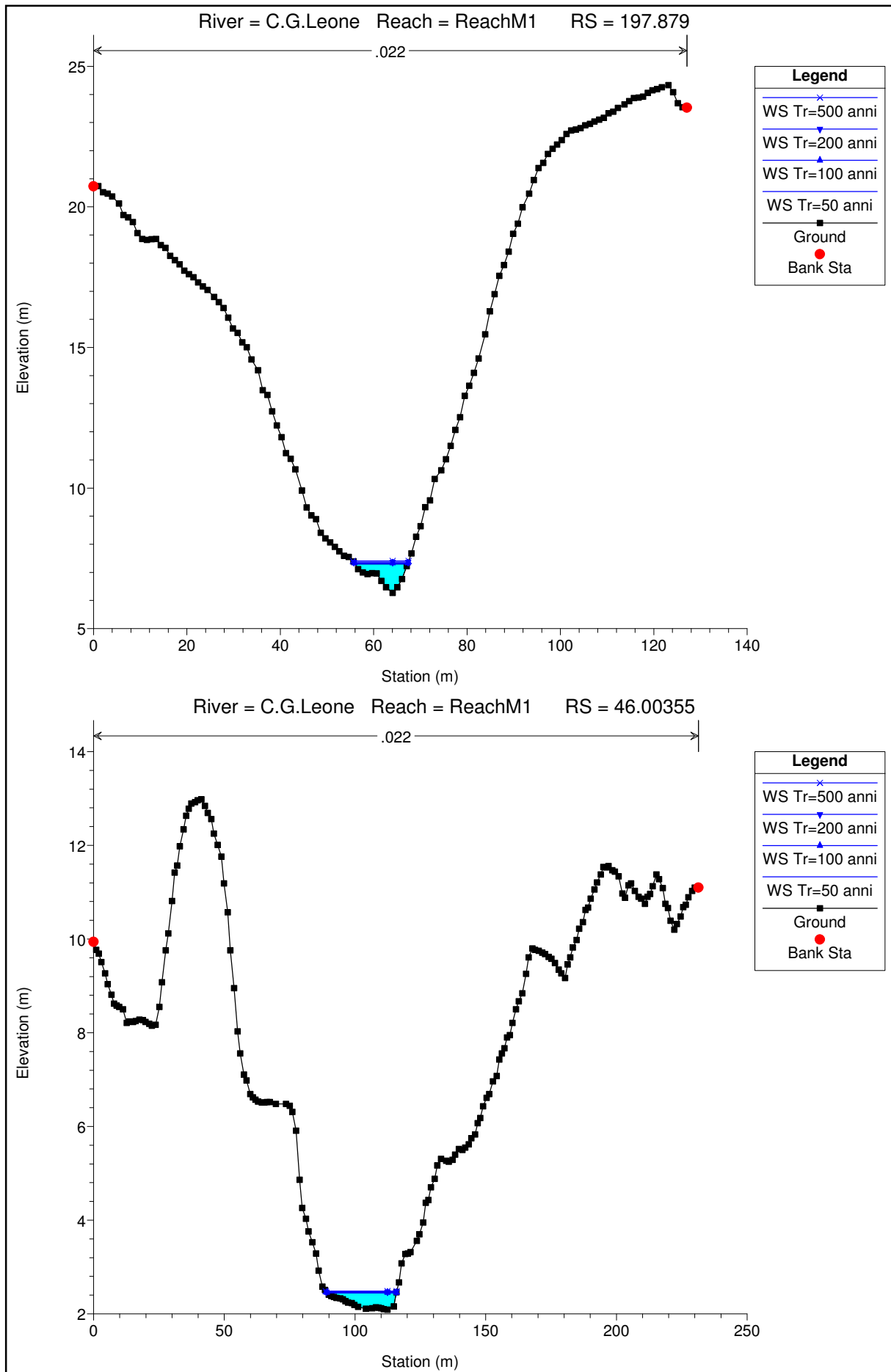
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Rght Sta Eff (m)
ReachM1	271.3461	Tr=100 anni	21.64	8.09	8.74	10.64	0.087981	6.10	3.55	11.49	127.78	139.27
ReachM1	271.3461	Tr=200 anni	23.91	8.09	8.76	10.81	0.088547	6.34	3.77	11.58	127.75	139.33
ReachM1	271.3461	Tr=500 anni	26.98	8.09	8.79	10.99	0.086368	6.57	4.10	11.71	127.69	139.40
ReachM1	231.186	Tr=50 anni	19.41	6.89	7.72	8.56	0.023560	4.07	4.77	10.54	111.63	122.17
ReachM1	231.186	Tr=100 anni	21.64	6.89	7.74	8.67	0.024550	4.27	5.07	10.76	111.56	122.32
ReachM1	231.186	Tr=200 anni	23.91	6.89	7.77	8.78	0.025202	4.44	5.38	10.95	111.49	122.45
ReachM1	231.186	Tr=500 anni	26.98	6.89	7.81	8.92	0.026146	4.67	5.78	11.20	111.41	122.61
ReachM1	197.879	Tr=50 anni	19.41	6.27	7.30	7.89	0.014260	3.40	5.71	11.25	55.99	67.24
ReachM1	197.879	Tr=100 anni	21.64	6.27	7.33	7.97	0.014499	3.54	6.11	11.45	55.87	67.32
ReachM1	197.879	Tr=200 anni	23.91	6.27	7.37	8.06	0.014776	3.68	6.50	11.65	55.75	67.39
ReachM1	197.879	Tr=500 anni	26.98	6.27	7.41	8.17	0.015219	3.86	6.99	11.94	55.55	67.49
ReachM1	148.0594	Tr=50 anni	19.41	5.37	6.41	7.13	0.015680	3.77	5.15	9.32	63.29	72.61
ReachM1	148.0594	Tr=100 anni	21.64	5.37	6.46	7.21	0.015274	3.84	5.64	9.71	63.05	72.76
ReachM1	148.0594	Tr=200 anni	23.91	5.37	6.50	7.30	0.015262	3.94	6.07	10.04	62.84	72.89
ReachM1	148.0594	Tr=500 anni	26.98	5.37	6.56	7.40	0.015129	4.06	6.65	10.47	62.58	73.05
ReachM1	94.63619	Tr=50 anni	19.41	3.48	3.96	5.47	0.075627	5.46	3.56	12.28	79.53	91.80
ReachM1	94.63619	Tr=100 anni	21.64	3.48	3.98	5.58	0.074376	5.61	3.86	12.62	79.36	91.98
ReachM1	94.63619	Tr=200 anni	23.91	3.48	4.00	5.68	0.071834	5.74	4.17	12.84	79.23	92.07
ReachM1	94.63619	Tr=500 anni	26.98	3.48	4.04	5.81	0.068827	5.90	4.57	13.07	79.11	92.18
ReachM1	46.00355	Tr=50 anni	19.41	2.09	2.44	2.93	0.030900	3.08	6.31	26.33	89.43	115.76
ReachM1	46.00355	Tr=100 anni	21.64	2.09	2.46	2.99	0.032049	3.24	6.68	26.58	89.23	115.80
ReachM1	46.00355	Tr=200 anni	23.91	2.09	2.47	3.06	0.033460	3.40	7.03	26.82	89.05	115.86
ReachM1	46.00355	Tr=500 anni	26.98	2.09	2.49	3.15	0.035157	3.61	7.48	27.13	88.81	115.94

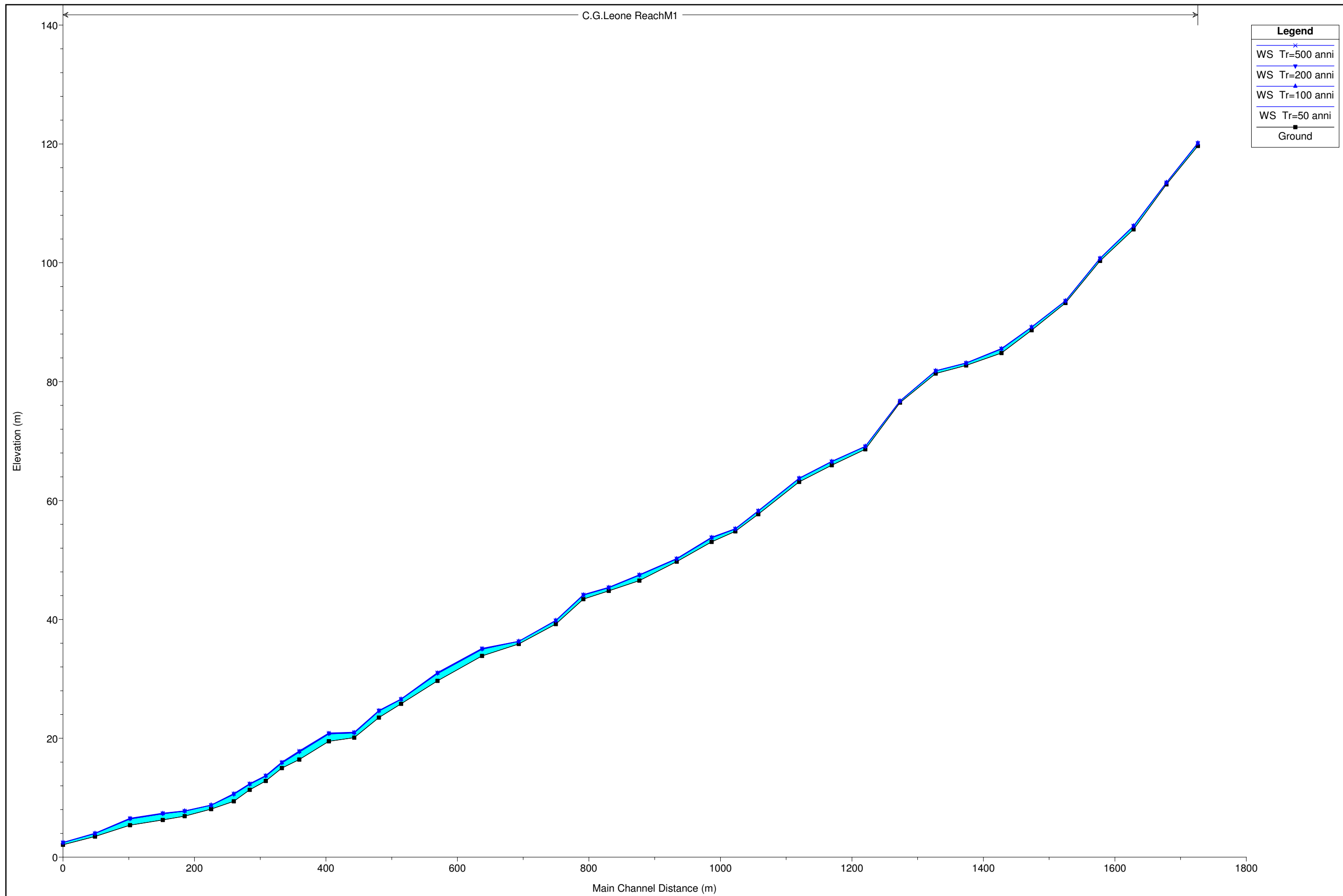


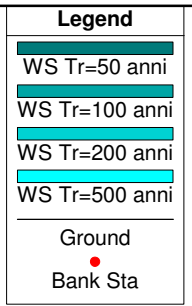
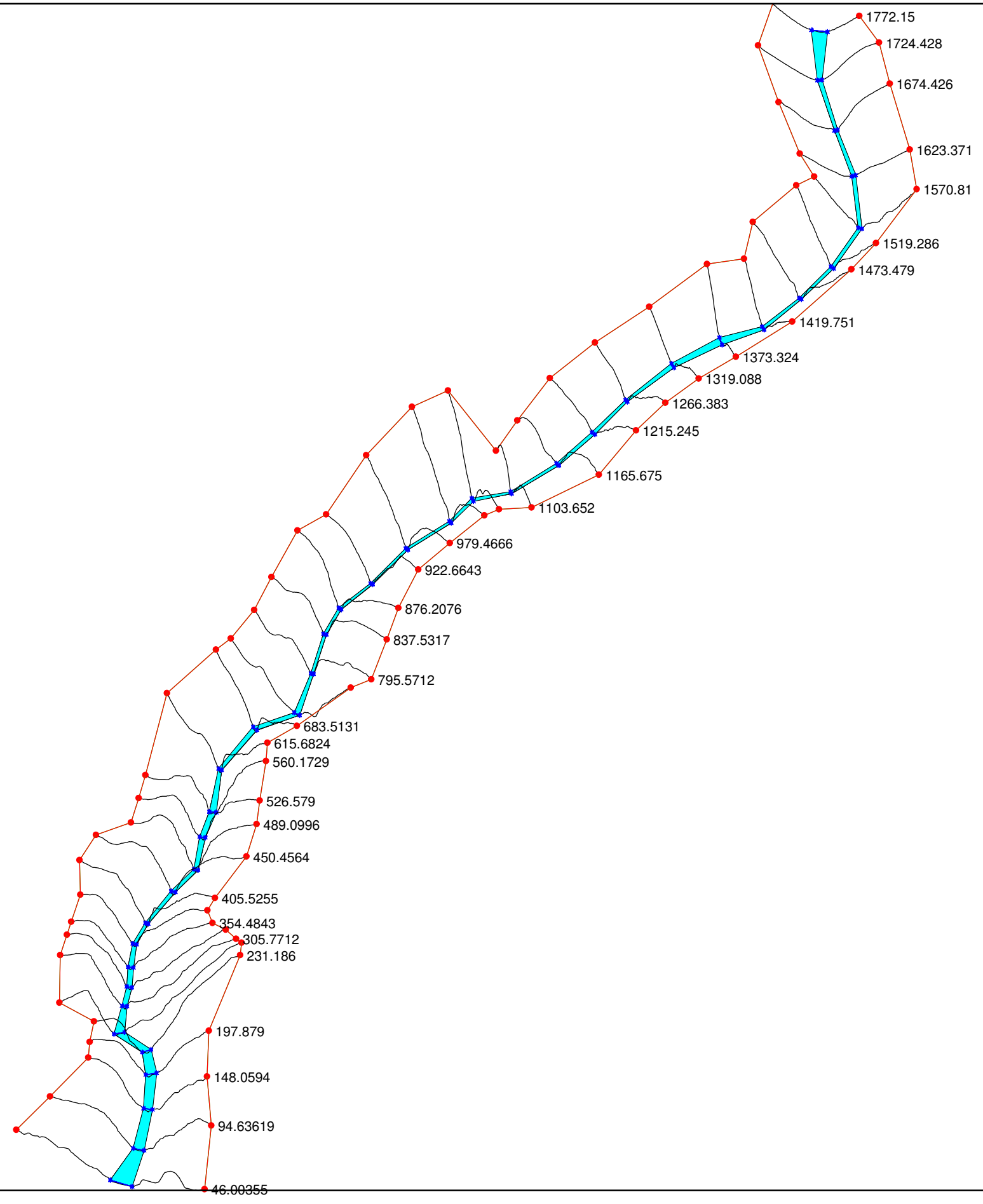












H - Bacino mare

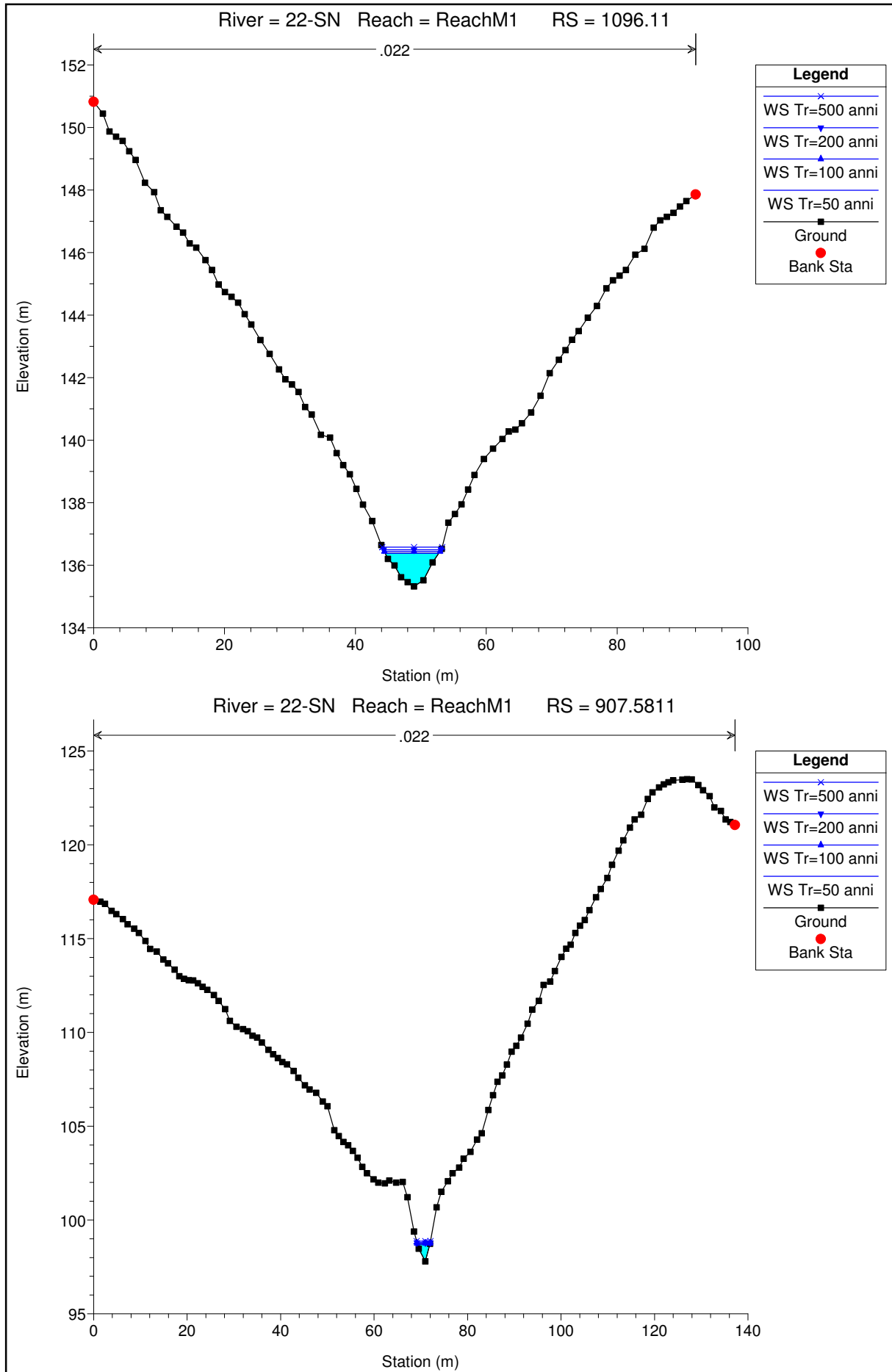
tronco 22-SN

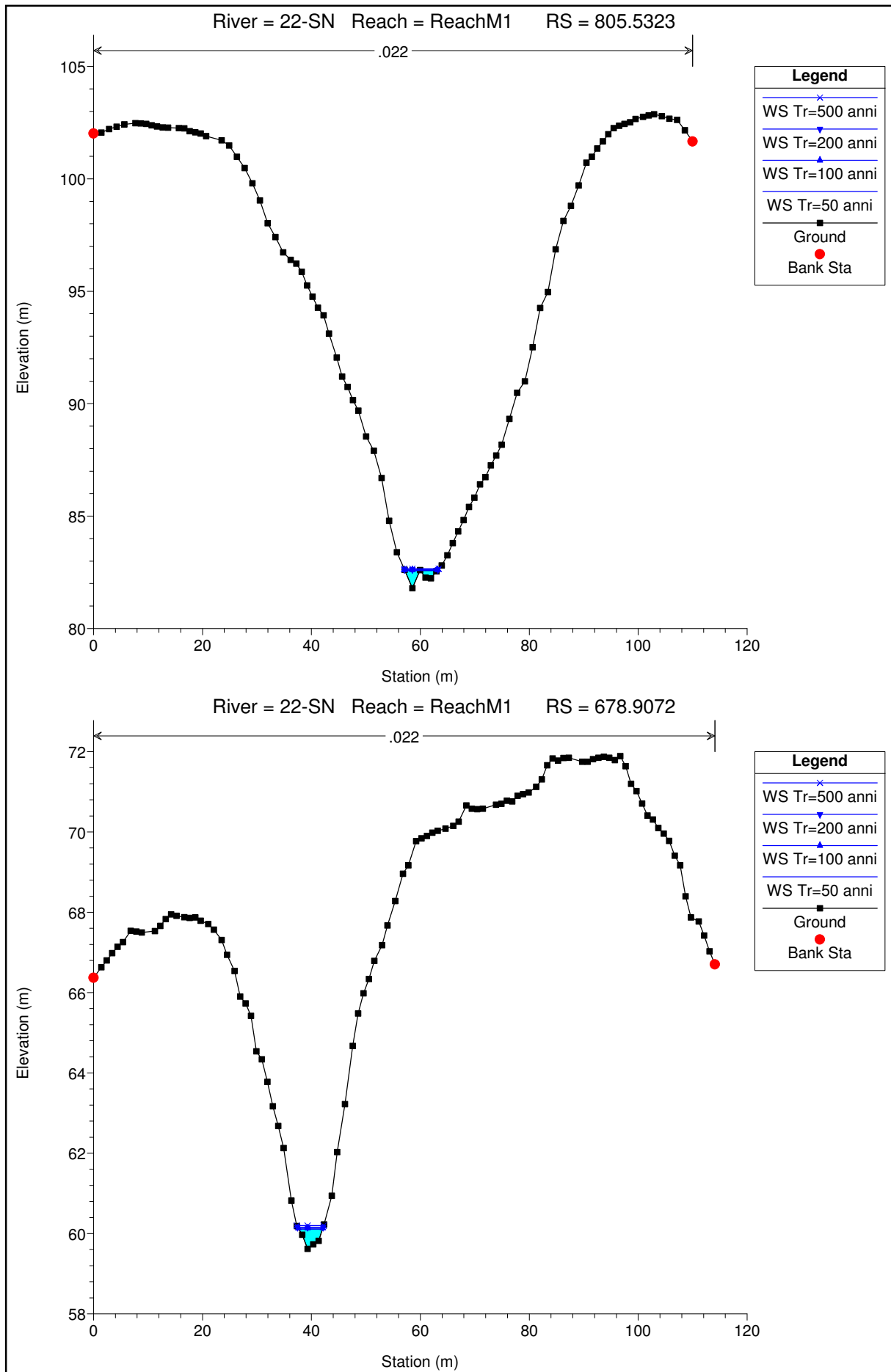
HEC-RAS Plan: n_mod River: 22-SN Reach: ReachM1

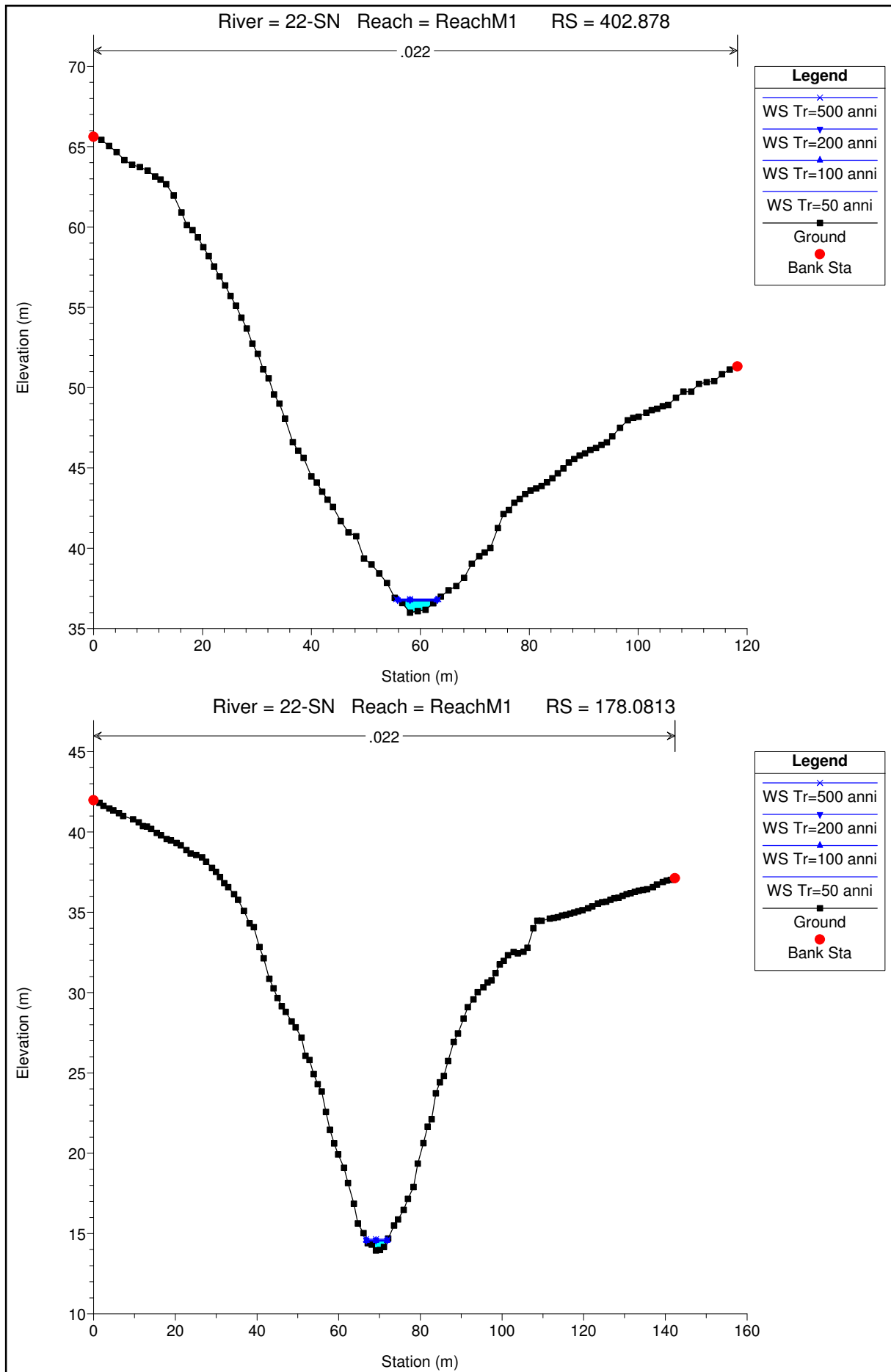
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1096.11	Tr=50 anni	12.67	135.32	136.39	136.70	0.006003	2.50	5.08	8.19	44.56	52.75
ReachM1	1096.11	Tr=100 anni	14.17	135.32	136.44	136.77	0.005858	2.55	5.55	8.50	44.43	52.93
ReachM1	1096.11	Tr=200 anni	15.70	135.32	136.49	136.84	0.005802	2.62	6.00	8.78	44.32	53.10
ReachM1	1096.11	Tr=500 anni	18.43	135.32	136.58	136.96	0.005635	2.72	6.79	9.15	44.12	53.27
ReachM1	1059.148	Tr=50 anni	12.67	125.95	126.40	135.14	0.466527	13.10	0.97	3.38	69.20	72.57
ReachM1	1059.148	Tr=100 anni	14.17	125.95	126.43	135.23	0.434115	13.14	1.08	3.54	69.14	72.68
ReachM1	1059.148	Tr=200 anni	15.70	125.95	126.47	135.31	0.406316	13.17	1.19	3.71	69.08	72.78
ReachM1	1059.148	Tr=500 anni	18.43	125.95	126.52	135.44	0.367346	13.24	1.39	3.98	68.98	72.96
ReachM1	1009.342	Tr=50 anni	12.67	114.38	115.35	120.60	0.176810	10.15	1.25	2.36	69.36	71.72
ReachM1	1009.342	Tr=100 anni	14.17	114.38	115.39	121.03	0.179720	10.52	1.35	2.44	69.30	71.74
ReachM1	1009.342	Tr=200 anni	15.70	114.38	115.43	121.44	0.182177	10.86	1.45	2.51	69.25	71.76
ReachM1	1009.342	Tr=500 anni	18.43	114.38	115.49	122.12	0.185554	11.40	1.62	2.64	69.16	71.79
ReachM1	958.9481	Tr=50 anni	12.67	108.13	108.56	111.67	0.153301	7.81	1.62	5.47	65.32	70.79
ReachM1	958.9481	Tr=100 anni	14.17	108.13	108.58	111.93	0.155356	8.10	1.75	5.64	65.25	70.89
ReachM1	958.9481	Tr=200 anni	15.70	108.13	108.61	112.19	0.157658	8.39	1.87	5.79	65.19	70.98
ReachM1	958.9481	Tr=500 anni	18.43	108.13	108.64	112.62	0.161089	8.84	2.08	6.05	65.08	71.13
ReachM1	907.5811	Tr=50 anni	12.67	97.80	98.72	103.54	0.156495	9.73	1.30	2.66	69.26	71.92
ReachM1	907.5811	Tr=100 anni	14.17	97.80	98.76	103.82	0.153496	9.97	1.42	2.75	69.21	71.96
ReachM1	907.5811	Tr=200 anni	15.70	97.80	98.80	104.10	0.150769	10.19	1.54	2.83	69.17	71.99
ReachM1	907.5811	Tr=500 anni	18.43	97.80	98.87	104.55	0.147011	10.56	1.75	2.96	69.09	72.04
ReachM1	857.3926	Tr=50 anni	12.67	89.76	90.24	94.45	0.203013	9.09	1.39	4.59	68.58	73.17
ReachM1	857.3926	Tr=100 anni	14.17	89.76	90.26	94.80	0.205625	9.43	1.50	4.72	68.52	73.24
ReachM1	857.3926	Tr=200 anni	15.70	89.76	90.28	95.14	0.207856	9.76	1.61	4.84	68.46	73.30
ReachM1	857.3926	Tr=500 anni	18.43	89.76	90.32	95.70	0.210715	10.27	1.79	5.04	68.36	73.40
ReachM1	805.5323	Tr=50 anni	12.67	81.80	82.58	85.26	0.141721	7.25	1.75	5.82	57.16	63.06
ReachM1	805.5323	Tr=100 anni	14.17	81.80	82.61	85.47	0.143161	7.49	1.89	6.04	57.12	63.16
ReachM1	805.5323	Tr=200 anni	15.70	81.80	82.63	85.70	0.144163	7.76	2.02	6.16	57.08	63.24
ReachM1	805.5323	Tr=500 anni	18.43	81.80	82.66	86.09	0.145885	8.20	2.25	6.36	57.01	63.38
ReachM1	749.3732	Tr=50 anni	12.67	73.20	73.92	77.71	0.124060	8.62	1.47	3.23	61.68	64.91
ReachM1	749.3732	Tr=100 anni	14.17	73.20	73.96	77.94	0.122219	8.83	1.60	3.35	61.59	64.94
ReachM1	749.3732	Tr=200 anni	15.70	73.20	74.00	78.18	0.121206	9.06	1.73	3.46	61.51	64.97
ReachM1	749.3732	Tr=500 anni	18.43	73.20	74.07	78.60	0.118950	9.43	1.95	3.59	61.43	65.02
ReachM1	704.7949	Tr=50 anni	12.67	65.81	66.36	71.11	0.173879	9.66	1.31	3.28	68.86	72.14
ReachM1	704.7949	Tr=100 anni	14.17	65.81	66.40	71.43	0.171187	9.94	1.43	3.35	68.82	72.17
ReachM1	704.7949	Tr=200 anni	15.70	65.81	66.43	71.74	0.168859	10.21	1.54	3.42	68.78	72.21
ReachM1	704.7949	Tr=500 anni	18.43	65.81	66.48	72.26	0.165888	10.65	1.73	3.54	68.72	72.26
ReachM1	678.9072	Tr=50 anni	12.67	59.62	60.11	65.42	0.281040	10.21	1.24	4.36	37.66	42.02
ReachM1	678.9072	Tr=100 anni	14.17	59.62	60.14	65.77	0.281501	10.52	1.35	4.52	37.56	42.08
ReachM1	678.9072	Tr=200 anni	15.70	59.62	60.16	66.12	0.281965	10.81	1.45	4.68	37.45	42.14
ReachM1	678.9072	Tr=500 anni	18.43	59.62	60.20	66.69	0.281370	11.29	1.63	4.93	37.30	42.23
ReachM1	640.1837	Tr=50 anni	12.67	54.59	55.05	57.95	0.118503	7.54	1.68	4.84	82.74	87.58
ReachM1	640.1837	Tr=100 anni	14.17	54.59	55.08	58.22	0.120244	7.86	1.80	4.94	82.70	87.64
ReachM1	640.1837	Tr=200 anni	15.70	54.59	55.10	58.48	0.121471	8.14	1.93	5.03	82.67	87.70
ReachM1	640.1837	Tr=500 anni	18.43	54.59	55.14	58.93	0.124187	8.63	2.14	5.19	82.61	87.79
ReachM1	595.1957	Tr=50 anni	18.38	49.97	50.45	53.03	0.100556	7.11	2.58	7.26	57.43	64.70
ReachM1	595.1957	Tr=100 anni	20.55	49.97	50.48	53.27	0.100444	7.40	2.78	7.35	57.39	64.74
ReachM1	595.1957	Tr=200 anni	22.77	49.97	50.51	53.50	0.100402	7.67	2.97	7.43	57.36	64.78
ReachM1	595.1957	Tr=500 anni	26.73	49.97	50.55	53.90	0.100370	8.11	3.30	7.56	57.29	64.86
ReachM1	564.8765	Tr=50 anni	18.38	48.77	50.08	51.37	0.022938	5.02	3.66	4.95	63.63	68.58
ReachM1	564.8765	Tr=100 anni	20.55	48.77	50.13	51.54	0.023957	5.27	3.90	5.05	63.55	68.60
ReachM1	564.8765	Tr=200 anni	22.77	48.77	50.17	51.72	0.025041	5.51	4.13	5.15	63.47	68.62
ReachM1	564.8765	Tr=500 anni	26.73	48.77	50.25	52.02	0.026648	5.90	4.53	5.32	63.33	68.65
ReachM1	510.7894	Tr=50 anni	18.38	45.11	46.12	49.08	0.081867	7.63	2.41	4.91	65.55	70.46
ReachM1	510.7894	Tr=100 anni	20.55	45.11	46.16	49.23	0.078151	7.76	2.65	5.06	65.49	70.55
ReachM1	510.7894	Tr=200 anni	22.77	45.11	46.21	49.39	0.075251	7.90	2.88	5.20	65.44	70.64
ReachM1	510.7894	Tr=500 anni	26.73	45.11	46.29	49.64	0.071537	8.12	3.29	5.48	65.34	70.82
ReachM1	457.6171	Tr=50 anni	18.38	38.47	39.38	43.65	0.124026	9.15	2.01	4.26	63.57	67.83
ReachM1	457.6171	Tr=100 anni	20.55	38.47	39.42	43.92	0.124160	9.39	2.19	4.46	63.47	67.93
ReachM1	457.6171	Tr=200 anni	22.77	38.47	39.46	44.17	0.123961	9.62	2.37	4.66	63.37	68.03
ReachM1	457.6171	Tr=500 anni	26.73	38.47	39.53	44.58	0.122855	9.95	2.69	4.99	63.20	68.19
ReachM1	402.878	Tr=50 anni	18.38	35.99	36.73	38.61	0.054471	6.08	3.02	6.74	56.13	62.87
ReachM1	402.878	Tr=100 anni	20.55	35.99	36.76	38.79	0.056033	6.31	3.25	7.01	55.98	62.99
ReachM1	402.878	Tr=200 anni	22.77	35.99	36.79	38.97	0.057340	6.53	3.49	7.26	55.84	63.10
ReachM1	402.878	Tr=500 anni	26.73	35.99	36.85	39.26	0.059310	6.88	3.89	7.68	55.60	63.28

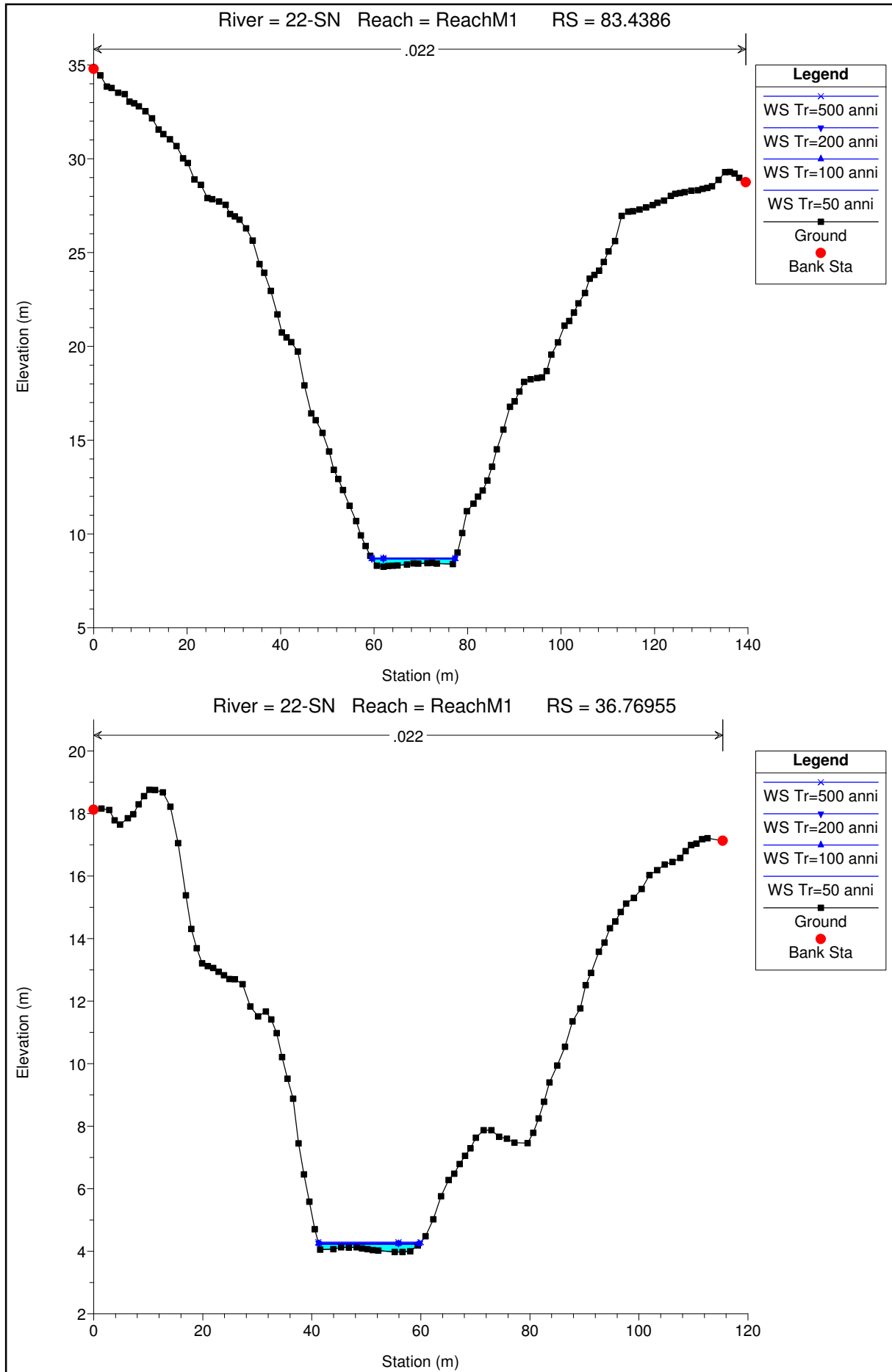
HEC-RAS Plan: n_mod River: 22-SN Reach: ReachM1 (Continued)

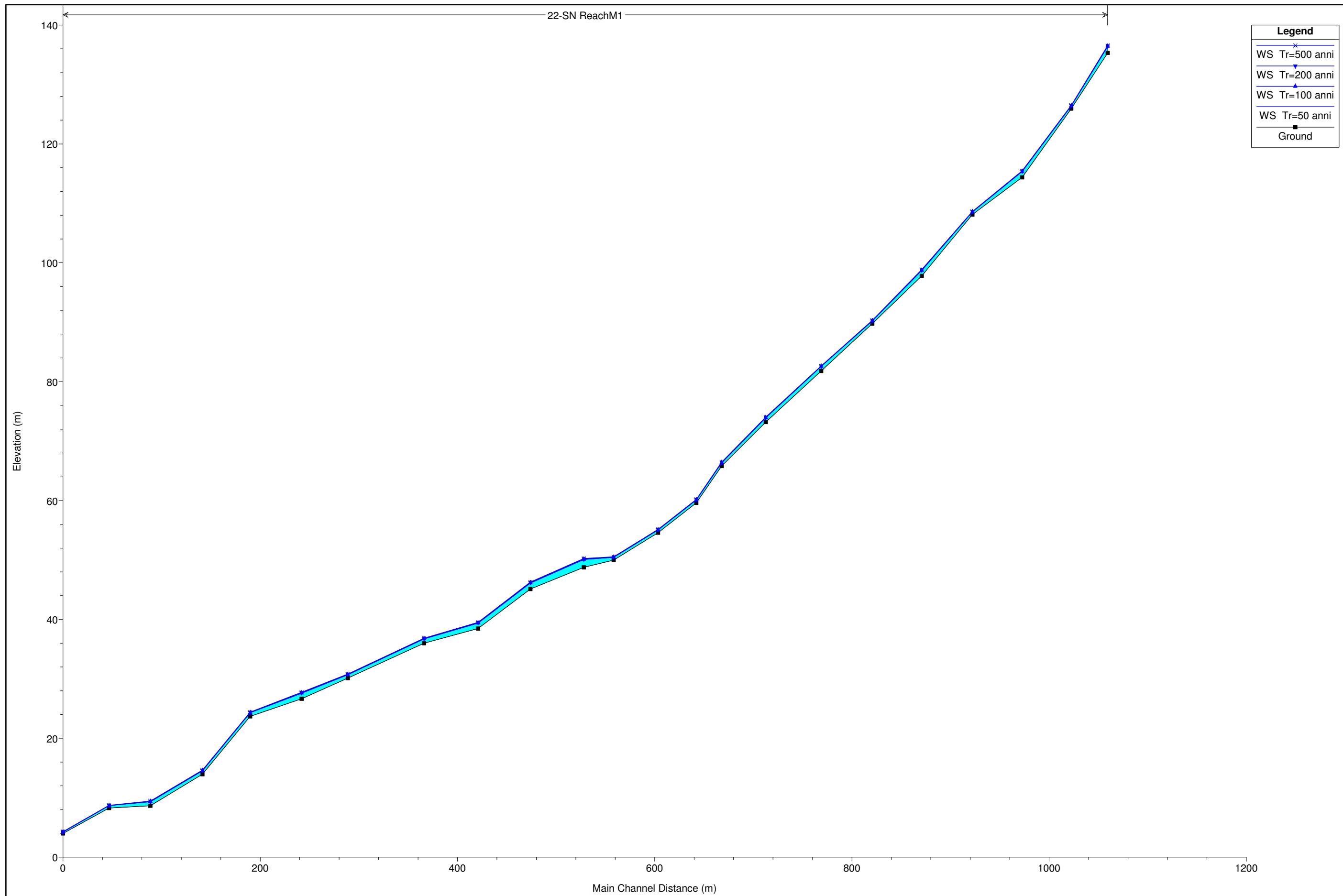
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	325.6145	Tr=50 anni	18.38	30.13	30.69	33.24	0.089144	7.07	2.60	6.60	67.78	74.38
ReachM1	325.6145	Tr=100 anni	20.55	30.13	30.73	33.42	0.086305	7.26	2.83	6.72	67.68	74.40
ReachM1	325.6145	Tr=200 anni	22.77	30.13	30.76	33.59	0.083874	7.45	3.06	6.81	67.61	74.42
ReachM1	325.6145	Tr=500 anni	26.73	30.13	30.82	33.89	0.080427	7.76	3.44	6.97	67.49	74.46
ReachM1	278.7368	Tr=50 anni	18.38	26.64	27.58	30.10	0.052073	7.03	2.62	4.07	68.36	72.43
ReachM1	278.7368	Tr=100 anni	20.55	26.64	27.63	30.32	0.052174	7.26	2.83	4.19	68.30	72.49
ReachM1	278.7368	Tr=200 anni	22.77	26.64	27.69	30.53	0.052210	7.47	3.05	4.30	68.25	72.55
ReachM1	278.7368	Tr=500 anni	26.73	26.64	27.77	30.88	0.052187	7.81	3.42	4.48	68.17	72.65
ReachM1	226.5002	Tr=50 anni	18.38	23.69	24.31	26.74	0.079921	6.91	2.66	6.41	60.54	66.95
ReachM1	226.5002	Tr=100 anni	20.55	23.69	24.34	26.96	0.080058	7.18	2.86	6.52	60.51	67.03
ReachM1	226.5002	Tr=200 anni	22.77	23.69	24.37	27.18	0.080174	7.43	3.07	6.63	60.48	67.12
ReachM1	226.5002	Tr=500 anni	26.73	23.69	24.42	27.54	0.080267	7.82	3.42	6.82	60.44	67.25
ReachM1	178.0813	Tr=50 anni	18.38	13.95	14.53	20.28	0.231070	10.62	1.73	4.89	66.90	71.79
ReachM1	178.0813	Tr=100 anni	20.55	13.95	14.56	20.57	0.221938	10.86	1.89	5.01	66.85	71.85
ReachM1	178.0813	Tr=200 anni	22.77	13.95	14.60	20.86	0.214092	11.09	2.05	5.12	66.80	71.92
ReachM1	178.0813	Tr=500 anni	26.73	13.95	14.65	21.33	0.202793	11.45	2.34	5.30	66.71	72.02
ReachM1	125.3956	Tr=50 anni	18.38	8.64	9.33	12.20	0.090439	7.50	2.45	5.80	69.65	75.45
ReachM1	125.3956	Tr=100 anni	20.55	8.64	9.36	12.50	0.092837	7.84	2.62	5.92	69.60	75.52
ReachM1	125.3956	Tr=200 anni	22.77	8.64	9.39	12.78	0.095032	8.16	2.79	6.03	69.55	75.58
ReachM1	125.3956	Tr=500 anni	26.73	8.64	9.44	13.27	0.098361	8.67	3.08	6.22	69.46	75.68
ReachM1	83.4386	Tr=50 anni	18.38	8.26	8.67	9.35	0.034208	3.63	5.06	17.69	59.61	77.30
ReachM1	83.4386	Tr=100 anni	20.55	8.26	8.69	9.45	0.036927	3.88	5.30	17.75	59.57	77.32
ReachM1	83.4386	Tr=200 anni	22.77	8.26	8.70	9.57	0.039778	4.13	5.52	17.80	59.54	77.34
ReachM1	83.4386	Tr=500 anni	26.73	8.26	8.72	9.77	0.044551	4.54	5.88	17.89	59.48	77.37
ReachM1	36.76955	Tr=50 anni	18.38	3.98	4.23	6.07	0.192214	6.02	3.05	18.34	41.29	59.63
ReachM1	36.76955	Tr=100 anni	20.55	3.98	4.24	6.12	0.172184	6.07	3.38	18.45	41.27	59.72
ReachM1	36.76955	Tr=200 anni	22.77	3.98	4.26	6.18	0.156403	6.13	3.71	18.57	41.24	59.81
ReachM1	36.76955	Tr=500 anni	26.73	3.98	4.29	6.29	0.137877	6.27	4.27	18.75	41.20	59.95

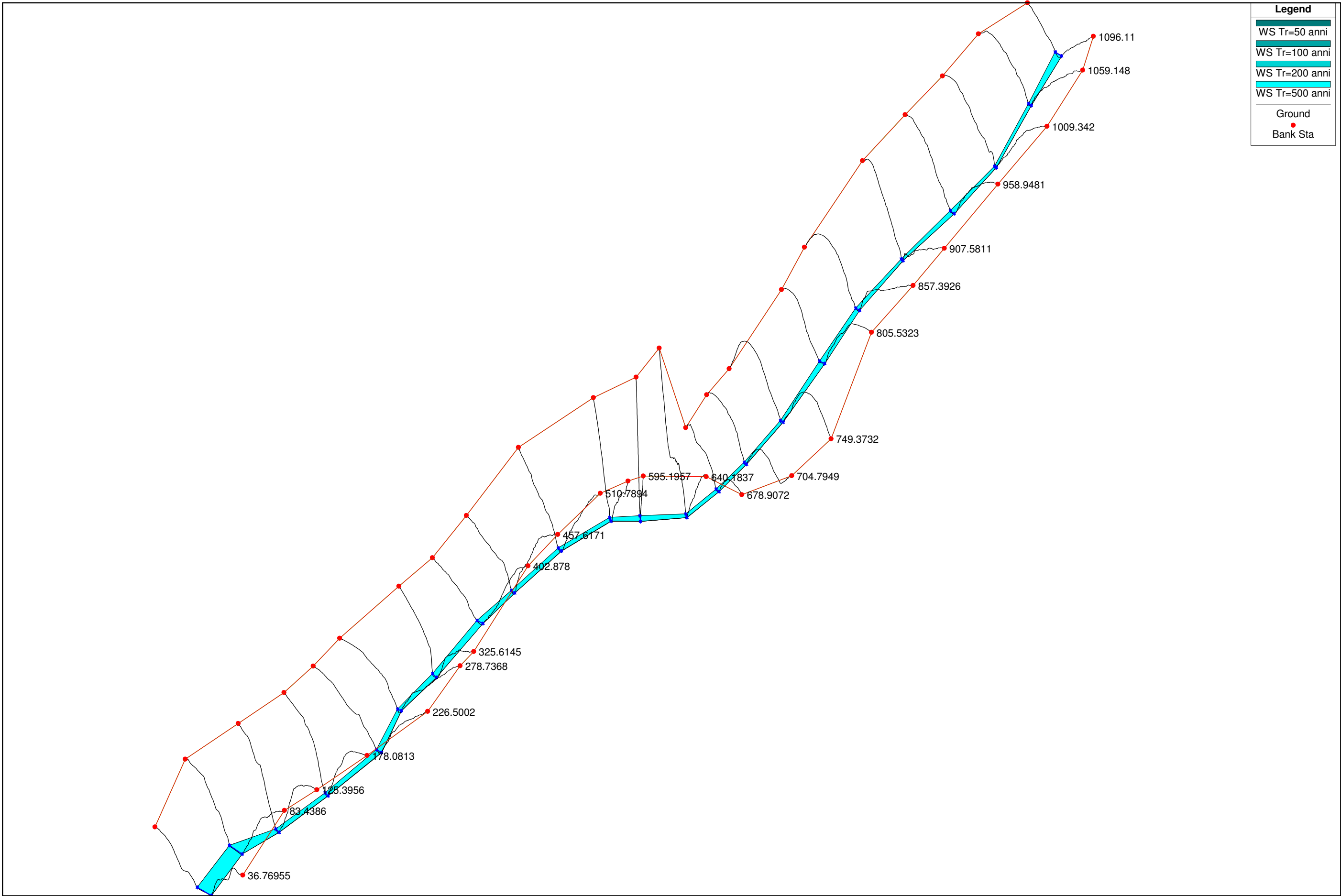












I - Bacino mare

Rio Sa Canna

HEC-RAS Plan: n_mod River: R.SaCanna Reach: ReachM1

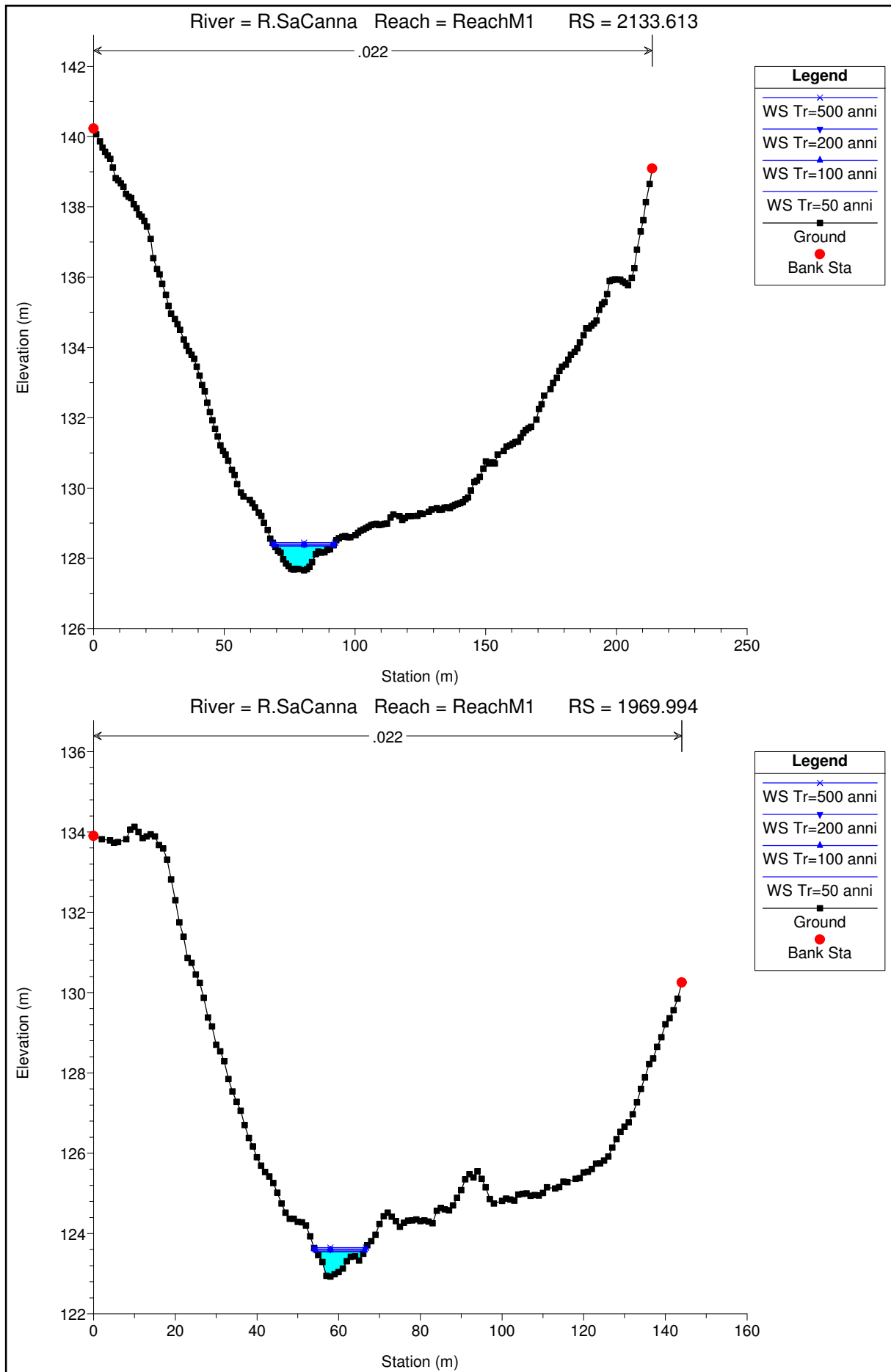
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	2133.613	Tr=50 anni	16.79	127.66	128.35	128.54	0.006511	1.95	8.62	22.16	69.34	91.50
ReachM1	2133.613	Tr=100 anni	18.68	127.66	128.37	128.58	0.006629	2.02	9.23	22.72	69.11	91.83
ReachM1	2133.613	Tr=200 anni	20.60	127.66	128.40	128.62	0.006488	2.07	9.93	23.19	68.86	92.05
ReachM1	2133.613	Tr=500 anni	23.44	127.66	128.45	128.68	0.006361	2.15	10.91	23.84	68.51	92.35
ReachM1	2075.426	Tr=50 anni	16.79	126.29	126.86	127.71	0.039434	4.07	4.12	13.51	56.19	69.71
ReachM1	2075.426	Tr=100 anni	18.68	126.29	126.89	127.75	0.038232	4.10	4.56	14.49	55.85	70.33
ReachM1	2075.426	Tr=200 anni	20.60	126.29	126.92	127.79	0.041359	4.12	5.00	16.75	55.06	77.69
ReachM1	2075.426	Tr=500 anni	23.44	126.29	126.96	127.83	0.045039	4.14	5.66	20.03	53.54	78.51
ReachM1	2025.671	Tr=50 anni	16.79	125.21	125.74	126.20	0.020632	3.01	5.57	17.64	50.46	73.55
ReachM1	2025.671	Tr=100 anni	18.68	125.21	125.77	126.26	0.021018	3.11	6.01	18.39	50.32	73.61
ReachM1	2025.671	Tr=200 anni	20.60	125.21	125.82	126.25	0.020414	2.89	7.12	23.76	49.99	73.76
ReachM1	2025.671	Tr=500 anni	23.44	125.21	125.85	126.30	0.019222	2.98	7.87	24.06	49.78	73.84
ReachM1	1969.994	Tr=50 anni	16.79	122.93	123.55	124.54	0.042985	4.41	3.81	11.76	54.49	66.25
ReachM1	1969.994	Tr=100 anni	18.68	122.93	123.58	124.61	0.041028	4.49	4.16	12.07	54.32	66.39
ReachM1	1969.994	Tr=200 anni	20.60	122.93	123.61	124.66	0.038494	4.53	4.54	12.39	54.15	66.54
ReachM1	1969.994	Tr=500 anni	23.44	122.93	123.65	124.77	0.037842	4.70	4.99	12.74	53.97	66.71
ReachM1	1917.425	Tr=50 anni	16.79	119.97	120.66	122.04	0.051428	5.20	3.23	8.89	58.90	67.79
ReachM1	1917.425	Tr=100 anni	18.68	119.97	120.69	122.15	0.051690	5.37	3.48	9.19	58.74	67.93
ReachM1	1917.425	Tr=200 anni	20.60	119.97	120.71	122.27	0.052101	5.53	3.72	9.44	58.60	68.04
ReachM1	1917.425	Tr=500 anni	23.44	119.97	120.75	122.42	0.051414	5.72	4.10	9.77	58.38	68.15
ReachM1	1856.773	Tr=50 anni	16.79	117.21	118.16	119.10	0.041800	4.31	3.89	12.00	74.35	86.35
ReachM1	1856.773	Tr=100 anni	18.68	117.21	118.18	119.19	0.042166	4.46	4.19	12.37	74.02	86.40
ReachM1	1856.773	Tr=200 anni	20.60	117.21	118.20	119.28	0.042457	4.60	4.47	12.64	73.80	86.44
ReachM1	1856.773	Tr=500 anni	23.44	117.21	118.23	119.42	0.043455	4.83	4.85	12.99	73.50	86.49
ReachM1	1819.866	Tr=50 anni	16.79	116.22	116.94	117.75	0.030649	3.98	4.22	11.78	68.14	79.92
ReachM1	1819.866	Tr=100 anni	18.68	116.22	116.97	117.83	0.030493	4.12	4.54	11.99	68.07	80.06
ReachM1	1819.866	Tr=200 anni	20.60	116.22	116.99	117.92	0.030607	4.26	4.84	12.19	68.00	80.19
ReachM1	1819.866	Tr=500 anni	23.44	116.22	117.03	118.03	0.030582	4.44	5.28	12.47	67.91	80.38
ReachM1	1775.043	Tr=50 anni	16.79	114.38	114.98	116.09	0.043969	4.65	3.61	10.46	55.03	65.49
ReachM1	1775.043	Tr=100 anni	18.68	114.38	115.01	116.18	0.043598	4.79	3.90	10.75	54.84	65.59
ReachM1	1775.043	Tr=200 anni	20.60	114.38	115.04	116.27	0.043285	4.91	4.19	11.07	54.62	65.69
ReachM1	1775.043	Tr=500 anni	23.44	114.38	115.07	116.39	0.042968	5.08	4.61	11.52	54.31	65.83
ReachM1	1745.733	Tr=50 anni	16.79	112.91	113.78	114.96	0.033430	4.82	3.48	7.64	62.82	70.45
ReachM1	1745.733	Tr=100 anni	18.68	112.91	113.84	114.95	0.038878	4.68	3.99	10.34	60.43	70.78
ReachM1	1745.733	Tr=200 anni	20.60	112.91	113.87	115.02	0.040210	4.76	4.33	11.22	56.33	70.95
ReachM1	1745.733	Tr=500 anni	23.44	112.91	113.92	115.08	0.043436	4.77	4.91	13.47	56.12	71.22
ReachM1	1648.518	Tr=50 anni	16.79	104.71	105.06	107.83	0.250518	7.37	2.28	12.25	43.65	55.90
ReachM1	1648.518	Tr=100 anni	18.68	104.71	105.09	107.60	0.194078	7.01	2.66	12.75	43.22	55.96
ReachM1	1648.518	Tr=200 anni	20.60	104.71	105.11	107.65	0.182272	7.05	2.92	13.22	42.78	56.00
ReachM1	1648.518	Tr=500 anni	23.44	104.71	105.15	107.61	0.162304	6.95	3.37	14.29	41.78	56.07
ReachM1	1602.294	Tr=50 anni	16.79	101.95	102.42	103.23	0.043680	3.99	4.21	15.40	67.39	82.79
ReachM1	1602.294	Tr=100 anni	18.68	101.95	102.44	103.30	0.045338	4.10	4.56	16.42	65.69	82.83
ReachM1	1602.294	Tr=200 anni	20.60	101.95	102.46	103.35	0.046565	4.18	4.93	17.62	65.25	82.87
ReachM1	1602.294	Tr=500 anni	23.44	101.95	102.48	103.46	0.047470	4.37	5.36	18.13	64.79	82.92
ReachM1	1550.735	Tr=50 anni	16.79	98.96	99.60	100.49	0.065648	4.18	4.02	18.55	127.80	146.35
ReachM1	1550.735	Tr=100 anni	18.68	98.96	99.61	100.55	0.062934	4.28	4.36	18.84	127.66	146.49
ReachM1	1550.735	Tr=200 anni	20.60	98.96	99.63	100.61	0.060858	4.38	4.70	19.11	127.52	146.63
ReachM1	1550.735	Tr=500 anni	23.44	98.96	99.65	100.71	0.059845	4.56	5.14	19.46	127.34	146.81
ReachM1	1500.989	Tr=50 anni	16.79	96.99	97.68	98.22	0.030720	3.26	5.14	19.41	95.31	125.01
ReachM1	1500.989	Tr=100 anni	18.68	96.99	97.71	98.24	0.032377	3.24	5.77	22.90	94.95	125.12
ReachM1	1500.989	Tr=200 anni	20.60	96.99	97.72	98.30	0.033333	3.36	6.13	23.54	94.73	125.19
ReachM1	1500.989	Tr=500 anni	23.44	96.99	97.75	98.37	0.034131	3.50	6.70	24.64	94.25	125.29
ReachM1	1450.202	Tr=50 anni	16.79	94.62	95.05	96.08	0.058480	4.51	3.73	14.12	117.75	131.87
ReachM1	1450.202	Tr=100 anni	18.68	94.62	95.07	96.12	0.053059	4.53	4.12	14.39	117.65	132.04
ReachM1	1450.202	Tr=200 anni	20.60	94.62	95.10	96.19	0.050822	4.62	4.46	14.61	117.57	132.19
ReachM1	1450.202	Tr=500 anni	23.44	94.62	95.13	96.28	0.048097	4.75	4.94	14.94	117.45	132.39
ReachM1	1396.608	Tr=50 anni	16.79	92.04	92.71	93.33	0.041681	3.50	4.80	20.58	92.10	113.05
ReachM1	1396.608	Tr=100 anni	18.68	92.04	92.72	93.41	0.044681	3.66	5.10	21.50	92.05	113.55
ReachM1	1396.608	Tr=200 anni	20.60	92.04	92.74	93.48	0.046512	3.82	5.39	22.02	92.00	114.03
ReachM1	1396.608	Tr=500 anni	23.44	92.04	92.75	93.59	0.048956	4.04	5.80	22.58	91.94	114.52
ReachM1	1347.843	Tr=50 anni	16.79	90.58	91.06	91.55	0.030866	3.11	5.40	22.18	79.39	101.57
ReachM1	1347.843	Tr=100 anni	18.68	90.58	91.08	91.60	0.029655	3.19	5.86	22.45	79.27	101.73
ReachM1	1347.843	Tr=200 anni	20.60	90.58	91.10	91.65	0.029184	3.29	6.27	22.70	79.17	101.87
ReachM1	1347.843	Tr=500 anni	23.44	90.58	91.12	91.72	0.028649	3.42	6.85	23.05	79.02	102.06
ReachM1	1312.082	Tr=50 anni	16.79	88.27	88.52	89.60	0.112641	4.59	3.66	22.12	81.00	103.12
ReachM1	1312.082	Tr=100 anni	18.68	88.27	88.53	89.69	0.111694	4.77	3.92	22.24	80.94	103.18
ReachM1	1312.082	Tr=200 anni	20.60	88.27	88.55	89.77	0.108850	4.91	4.20	22.36	80.88	103.24

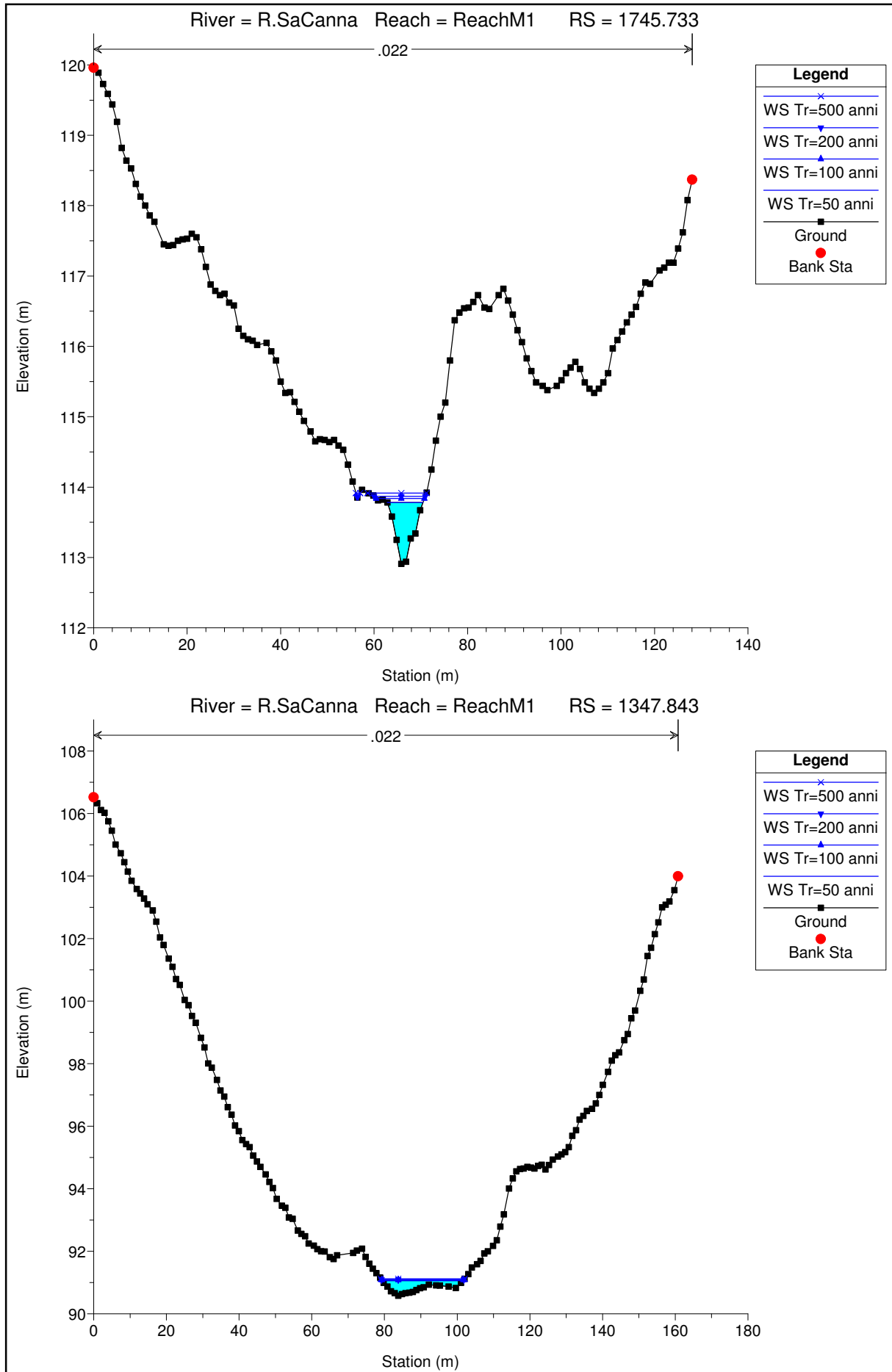
HEC-RAS Plan: n_mod River: R.SaCanna Reach: ReachM1 (Continued)

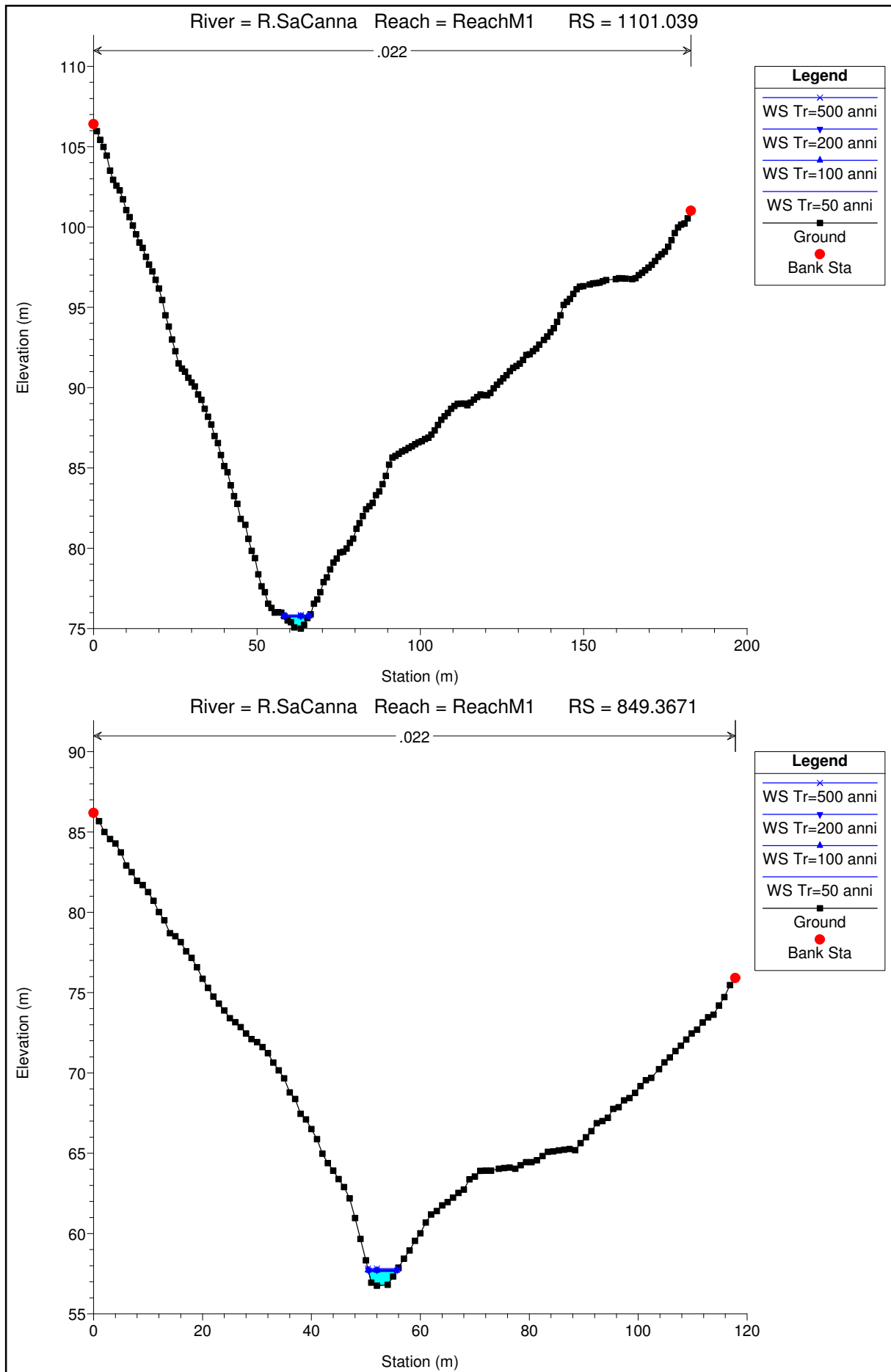
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1312.082	Tr=500 anni	23.44	88.27	88.56	89.89	0.104746	5.09	4.60	22.54	80.79	103.33
ReachM1	1278.88	Tr=50 anni	16.79	86.87	87.31	87.71	0.028715	2.81	5.98	27.10	77.86	104.95
ReachM1	1278.88	Tr=100 anni	18.68	86.87	87.32	87.76	0.029618	2.94	6.35	27.48	77.80	105.28
ReachM1	1278.88	Tr=200 anni	20.60	86.87	87.33	87.81	0.030597	3.07	6.70	27.80	77.74	105.54
ReachM1	1278.88	Tr=500 anni	23.44	86.87	87.35	87.89	0.031875	3.27	7.17	27.95	77.67	105.62
ReachM1	1247.909	Tr=50 anni	16.79	84.81	85.10	86.15	0.099371	4.54	3.70	20.69	46.84	67.52
ReachM1	1247.909	Tr=100 anni	18.68	84.81	85.11	86.20	0.092424	4.62	4.05	20.90	46.78	67.68
ReachM1	1247.909	Tr=200 anni	20.60	84.81	85.13	86.26	0.086990	4.70	4.38	21.04	46.72	67.77
ReachM1	1247.909	Tr=500 anni	23.44	84.81	85.15	86.34	0.080845	4.83	4.86	21.20	46.64	67.85
ReachM1	1192.76	Tr=50 anni	16.79	80.14	80.92	82.62	0.043202	5.78	2.91	5.78	55.77	61.54
ReachM1	1192.76	Tr=100 anni	18.68	80.14	80.96	82.76	0.043249	5.95	3.14	5.96	55.71	61.68
ReachM1	1192.76	Tr=200 anni	20.60	80.14	81.00	82.90	0.043285	6.11	3.37	6.15	55.66	61.80
ReachM1	1192.76	Tr=500 anni	23.44	80.14	81.05	83.08	0.042989	6.31	3.71	6.41	55.58	61.98
ReachM1	1149.351	Tr=50 anni	16.79	77.57	78.23	80.07	0.083025	6.01	2.79	8.87	54.87	63.74
ReachM1	1149.351	Tr=100 anni	18.68	77.57	78.25	80.21	0.083884	6.20	3.01	9.19	54.73	63.92
ReachM1	1149.351	Tr=200 anni	20.60	77.57	78.28	80.34	0.083635	6.36	3.24	9.50	54.60	64.10
ReachM1	1149.351	Tr=500 anni	23.44	77.57	78.31	80.53	0.084132	6.60	3.55	9.92	54.41	64.33
ReachM1	1101.039	Tr=50 anni	16.79	75.00	75.73	77.17	0.042165	5.32	3.16	7.13	58.59	65.72
ReachM1	1101.039	Tr=100 anni	18.68	75.00	75.77	77.29	0.042256	5.47	3.42	7.42	58.46	65.88
ReachM1	1101.039	Tr=200 anni	20.60	75.00	75.80	77.40	0.042494	5.61	3.67	7.72	58.31	66.02
ReachM1	1101.039	Tr=500 anni	23.44	75.00	75.85	77.56	0.042814	5.79	4.05	8.15	58.08	66.23
ReachM1	1045.619	Tr=50 anni	16.79	71.22	72.06	74.34	0.059191	6.70	2.51	4.99	87.38	92.37
ReachM1	1045.619	Tr=100 anni	18.68	71.22	72.10	74.48	0.057688	6.84	2.73	5.15	87.32	92.46
ReachM1	1045.619	Tr=200 anni	20.60	71.22	72.14	74.62	0.056122	6.98	2.95	5.28	87.25	92.53
ReachM1	1045.619	Tr=500 anni	23.44	71.22	72.20	74.81	0.053960	7.15	3.28	5.46	87.16	92.62
ReachM1	999.1908	Tr=50 anni	16.79	69.43	70.41	71.86	0.039908	5.34	3.15	6.53	95.24	101.77
ReachM1	999.1908	Tr=100 anni	18.68	69.43	70.44	71.99	0.041198	5.50	3.39	6.90	94.91	101.80
ReachM1	999.1908	Tr=200 anni	20.60	69.43	70.48	72.12	0.042504	5.67	3.63	7.23	94.60	101.83
ReachM1	999.1908	Tr=500 anni	23.44	69.43	70.54	72.19	0.046628	5.70	4.11	8.77	93.11	101.88
ReachM1	943.1331	Tr=50 anni	32.00	68.25	69.32	70.42	0.018936	4.64	6.89	10.49	62.21	72.71
ReachM1	943.1331	Tr=100 anni	35.61	68.25	69.37	70.54	0.018813	4.78	7.45	10.79	62.06	72.85
ReachM1	943.1331	Tr=200 anni	39.27	68.25	69.42	70.65	0.018714	4.91	7.99	11.07	61.91	72.99
ReachM1	943.1331	Tr=500 anni	44.67	68.25	69.51	70.77	0.017500	4.98	8.97	11.56	61.66	73.22
ReachM1	892.47	Tr=50 anni	32.00	60.93	61.74	67.78	0.171080	10.89	2.94	6.44	57.96	64.40
ReachM1	892.47	Tr=100 anni	35.61	60.93	61.78	67.92	0.163020	10.98	3.24	6.76	57.72	64.48
ReachM1	892.47	Tr=200 anni	39.27	60.93	61.83	68.07	0.153016	11.07	3.55	6.95	57.61	64.56
ReachM1	892.47	Tr=500 anni	44.67	60.93	61.89	68.32	0.142247	11.23	3.98	7.20	57.46	64.67
ReachM1	849.3671	Tr=50 anni	32.00	56.76	57.65	62.23	0.087045	9.48	3.37	5.09	50.49	55.58
ReachM1	849.3671	Tr=100 anni	35.61	56.76	57.70	62.56	0.086510	9.76	3.65	5.22	50.45	55.68
ReachM1	849.3671	Tr=200 anni	39.27	56.76	57.75	62.88	0.086442	10.03	3.91	5.35	50.42	55.77
ReachM1	849.3671	Tr=500 anni	44.67	56.76	57.82	63.34	0.086389	10.41	4.29	5.53	50.37	55.90
ReachM1	800.7615	Tr=50 anni	32.00	51.48	52.57	57.72	0.096470	10.06	3.18	4.71	55.33	60.04
ReachM1	800.7615	Tr=100 anni	35.61	51.48	52.63	58.06	0.096417	10.33	3.45	4.89	55.24	60.13
ReachM1	800.7615	Tr=200 anni	39.27	51.48	52.68	58.39	0.096533	10.59	3.71	5.07	55.15	60.22
ReachM1	800.7615	Tr=500 anni	44.67	51.48	52.75	58.85	0.096518	10.93	4.09	5.31	55.03	60.33
ReachM1	758.9093	Tr=50 anni	32.00	47.04	48.02	53.32	0.114162	10.21	3.14	5.37	61.06	66.43
ReachM1	758.9093	Tr=100 anni	35.61	47.04	48.07	53.67	0.113493	10.49	3.39	5.54	60.93	66.47
ReachM1	758.9093	Tr=200 anni	39.27	47.04	48.11	54.01	0.113009	10.76	3.65	5.70	60.81	66.51
ReachM1	758.9093	Tr=500 anni	44.67	47.04	48.17	54.47	0.112312	11.12	4.02	5.93	60.64	66.57
ReachM1	729.096	Tr=50 anni	32.00	43.15	44.05	49.62	0.133805	10.46	3.06	5.81	78.35	84.16
ReachM1	729.096	Tr=100 anni	35.61	43.15	44.09	49.97	0.134447	10.74	3.32	6.06	78.21	84.28
ReachM1	729.096	Tr=200 anni	39.27	43.15	44.13	50.31	0.135006	11.01	3.57	6.31	78.08	84.39
ReachM1	729.096	Tr=500 anni	44.67	43.15	44.19	50.77	0.135452	11.36	3.93	6.65	77.90	84.55
ReachM1	684.1301	Tr=50 anni	32.00	39.51	40.26	44.07	0.094442	8.64	3.70	7.37	54.89	62.26
ReachM1	684.1301	Tr=100 anni	35.61	39.51	40.30	44.38	0.095197	8.95	3.98	7.55	54.78	62.33
ReachM1	684.1301	Tr=200 anni	39.27	39.51	40.33	44.67	0.095735	9.23	4.25	7.73	54.67	62.40
ReachM1	684.1301	Tr=500 anni	44.67	39.51	40.38	45.11	0.096447	9.63	4.64	7.94	54.52	62.46
ReachM1	623.1394	Tr=50 anni	32.00	36.69	37.62	39.29	0.051112	5.74	5.58	13.21	52.63	65.84
ReachM1	623.1394	Tr=100 anni	35.61	36.69	37.64	39.47	0.052796	5.99	5.95	13.53	52.52	66.05
ReachM1	623.1394	Tr=200 anni	39.27	36.69	37.67	39.66	0.054351	6.25	6.29	13.71	52.42	66.14
ReachM1	623.1394	Tr=500 anni	44.67	36.69	37.70	39.93	0.056766	6.62	6.75	13.96	52.29	66.25
ReachM1	575.5767	Tr=50 anni	32.00	33.63	34.54	36.75	0.053760	6.58	4.86	9.46	54.72	64.18
ReachM1	575.5767	Tr=100 anni	35.61	33.63	34.58	36.92	0.052863	6.77	5.26	9.69	54.68	64.37
ReachM1	575.5767	Tr=200 anni	39.27	33.63	34.62	37.08	0.052013	6.94	5.66	9.89	54.64	64.52
ReachM1	575.5767	Tr=500 anni	44.67	33.63	34.68	37.33	0.051116	7.21	6.19	10.08	54.58	64.66
ReachM1	523.1644	Tr=50 anni	32.00	31.27	32.44	34.28	0.038409	6.01	5.33	9.19	56.08	65.27

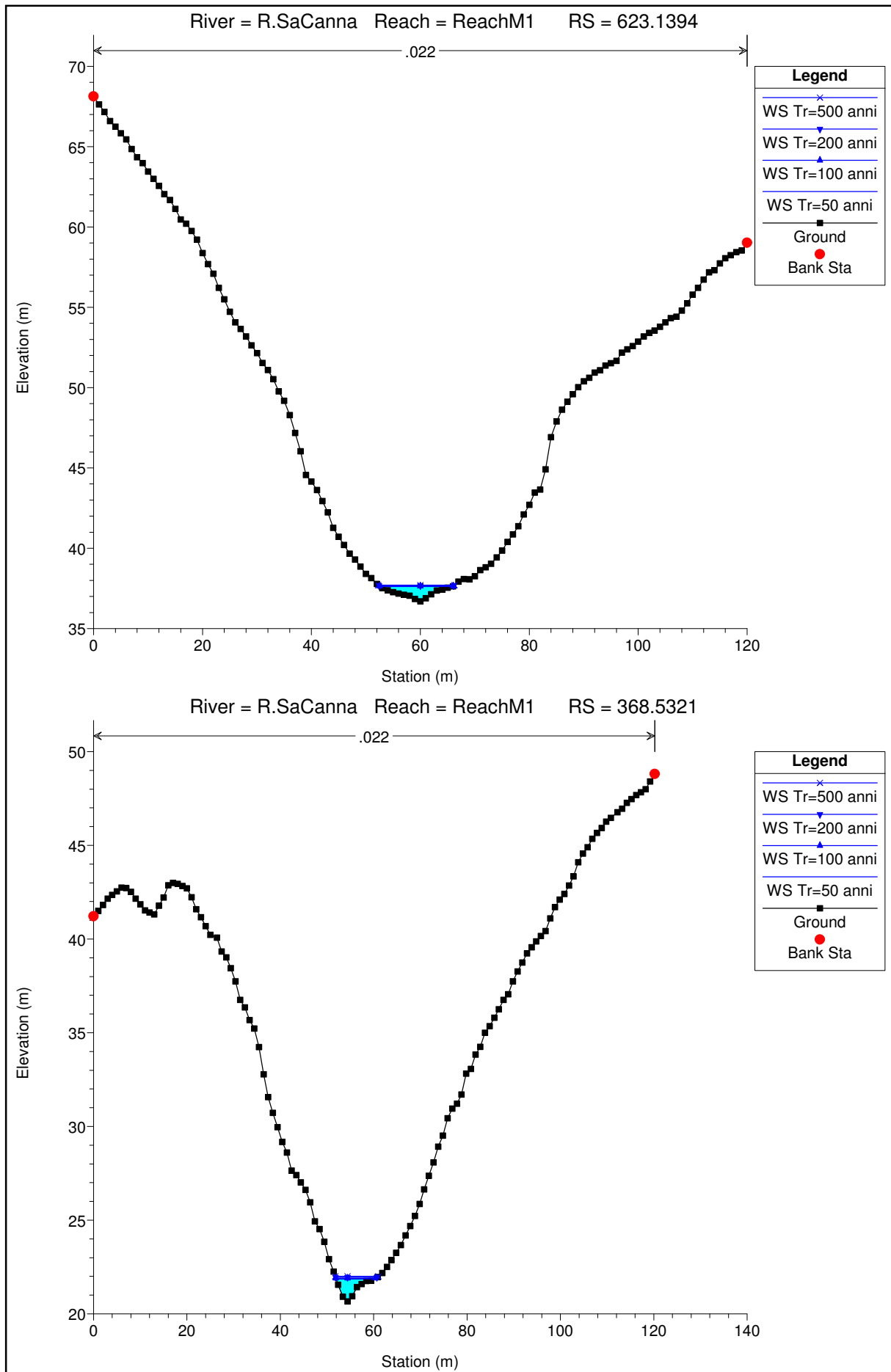
HEC-RAS Plan: n_mod River: R.SaCanna Reach: ReachM1 (Continued)

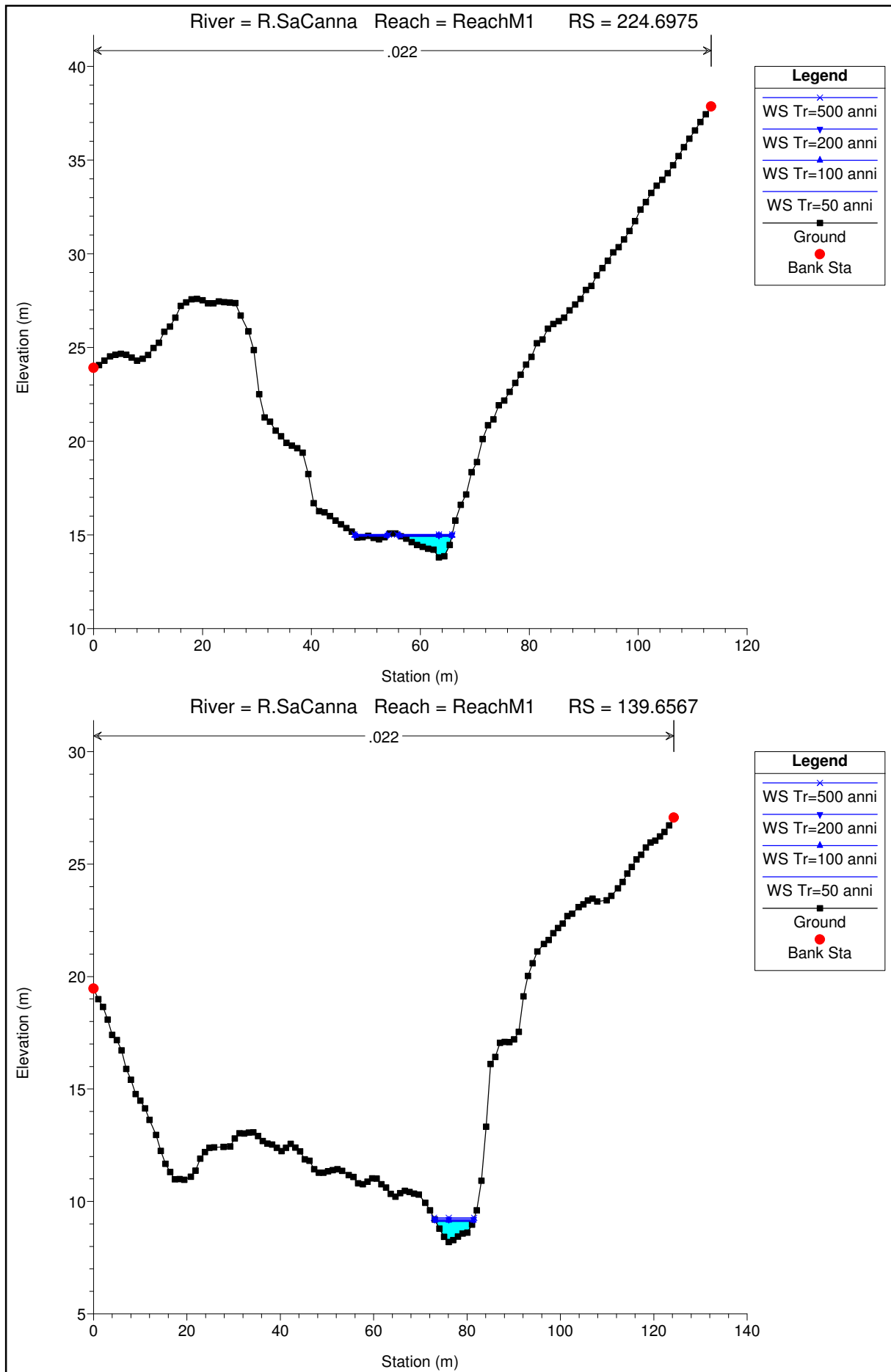
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	523.1644	Tr=100 anni	35.61	31.27	32.48	34.45	0.038854	6.21	5.73	9.48	55.98	65.47
ReachM1	523.1644	Tr=200 anni	39.27	31.27	32.52	34.61	0.039315	6.41	6.13	9.77	55.89	65.66
ReachM1	523.1644	Tr=500 anni	44.67	31.27	32.58	34.85	0.040081	6.68	6.69	10.15	55.76	65.91
ReachM1	470.2238	Tr=50 anni	32.00	26.09	27.20	31.07	0.091961	8.72	3.67	6.88	54.49	61.37
ReachM1	470.2238	Tr=100 anni	35.61	26.09	27.25	31.21	0.092884	8.82	4.04	7.52	53.96	61.48
ReachM1	470.2238	Tr=200 anni	39.27	26.09	27.30	31.39	0.089213	8.97	4.38	7.69	53.89	61.58
ReachM1	470.2238	Tr=500 anni	44.67	26.09	27.36	31.66	0.085156	9.19	4.86	7.93	53.78	61.71
ReachM1	413.9113	Tr=50 anni	32.00	24.52	25.43	27.29	0.038206	6.04	5.30	9.15	53.82	62.96
ReachM1	413.9113	Tr=100 anni	35.61	24.52	25.47	27.45	0.037714	6.23	5.72	9.34	53.74	63.08
ReachM1	413.9113	Tr=200 anni	39.27	24.52	25.51	27.65	0.038718	6.48	6.06	9.50	53.69	63.18
ReachM1	413.9113	Tr=500 anni	44.67	24.52	25.56	27.92	0.039798	6.81	6.56	9.72	53.60	63.32
ReachM1	368.5321	Tr=50 anni	32.00	20.67	21.86	24.83	0.073476	7.63	4.19	8.11	51.96	60.07
ReachM1	368.5321	Tr=100 anni	35.61	20.67	21.91	25.01	0.073003	7.81	4.56	8.49	51.90	60.39
ReachM1	368.5321	Tr=200 anni	39.27	20.67	21.95	25.19	0.072512	7.97	4.93	8.85	51.84	60.69
ReachM1	368.5321	Tr=500 anni	44.67	20.67	22.01	25.44	0.071439	8.21	5.44	9.25	51.76	61.00
ReachM1	324.1587	Tr=50 anni	32.00	18.98	19.58	21.45	0.064832	6.05	5.29	13.90	38.86	52.76
ReachM1	324.1587	Tr=100 anni	35.61	18.98	19.61	21.60	0.066223	6.25	5.70	14.50	38.77	53.27
ReachM1	324.1587	Tr=200 anni	39.27	18.98	19.64	21.75	0.067519	6.44	6.10	15.05	38.70	53.75
ReachM1	324.1587	Tr=500 anni	44.67	18.98	19.67	21.98	0.069423	6.73	6.64	15.66	38.60	54.26
ReachM1	267.857	Tr=50 anni	32.00	16.31	17.13	18.49	0.039535	5.16	6.20	14.21	55.65	69.86
ReachM1	267.857	Tr=100 anni	35.61	16.31	17.16	18.62	0.039282	5.34	6.67	14.43	55.49	69.91
ReachM1	267.857	Tr=200 anni	39.27	16.31	17.19	18.74	0.039229	5.52	7.12	14.64	55.33	69.97
ReachM1	267.857	Tr=500 anni	44.67	16.31	17.24	18.93	0.039121	5.76	7.76	14.93	55.12	70.04
ReachM1	224.6975	Tr=50 anni	32.00	13.80	14.93	16.49	0.052909	5.54	5.78	14.41	48.18	65.77
ReachM1	224.6975	Tr=100 anni	35.61	13.80	14.96	16.61	0.054419	5.68	6.26	15.36	48.08	65.79
ReachM1	224.6975	Tr=200 anni	39.27	13.80	14.99	16.74	0.054883	5.86	6.70	15.81	47.99	65.82
ReachM1	224.6975	Tr=500 anni	44.67	13.80	15.03	16.92	0.055230	6.08	7.34	16.45	47.86	65.85
ReachM1	175.2638	Tr=50 anni	32.00	10.29	11.32	13.69	0.057404	6.82	4.69	9.05	54.26	63.30
ReachM1	175.2638	Tr=100 anni	35.61	10.29	11.37	13.82	0.055090	6.94	5.13	9.34	54.20	63.54
ReachM1	175.2638	Tr=200 anni	39.27	10.29	11.41	13.97	0.053879	7.09	5.54	9.60	54.16	63.76
ReachM1	175.2638	Tr=500 anni	44.67	10.29	11.47	14.18	0.052416	7.29	6.13	9.96	54.09	64.06
ReachM1	139.6567	Tr=50 anni	32.00	8.20	9.11	11.67	0.054784	7.09	4.51	8.00	73.29	81.29
ReachM1	139.6567	Tr=100 anni	35.61	8.20	9.16	11.86	0.053499	7.28	4.89	8.19	73.17	81.36
ReachM1	139.6567	Tr=200 anni	39.27	8.20	9.20	12.04	0.052646	7.46	5.26	8.37	73.06	81.43
ReachM1	139.6567	Tr=500 anni	44.67	8.20	9.27	12.29	0.051458	7.70	5.80	8.62	72.91	81.53
ReachM1	103.6976	Tr=50 anni	32.00	5.90	7.07	9.88	0.044288	7.43	4.31	5.64	68.11	73.75
ReachM1	103.6976	Tr=100 anni	35.61	5.90	7.13	10.10	0.043540	7.63	4.67	5.75	68.05	73.81
ReachM1	103.6976	Tr=200 anni	39.27	5.90	7.19	10.31	0.042844	7.82	5.02	5.87	67.99	73.86
ReachM1	103.6976	Tr=500 anni	44.67	5.90	7.29	10.45	0.050212	7.87	5.68	7.50	52.42	73.95
ReachM1	61.3481	Tr=50 anni	32.00	3.57	4.71	7.66	0.062371	7.60	4.21	7.23	43.35	50.59
ReachM1	61.3481	Tr=100 anni	35.61	3.57	4.76	7.83	0.067123	7.76	4.59	8.12	42.57	50.69
ReachM1	61.3481	Tr=200 anni	39.27	3.57	4.81	7.99	0.071579	7.91	4.97	9.00	41.78	50.78
ReachM1	61.3481	Tr=500 anni	44.67	3.57	4.88	8.02	0.065489	7.85	5.69	9.78	41.23	51.01
ReachM1	12.58811	Tr=50 anni	32.00	1.18	1.47	2.76	0.142158	5.02	6.37	40.09	102.82	143.87
ReachM1	12.58811	Tr=100 anni	35.61	1.18	1.49	2.83	0.133665	5.12	6.95	40.51	102.68	143.94
ReachM1	12.58811	Tr=200 anni	39.27	1.18	1.50	2.88	0.128032	5.19	7.56	41.82	101.66	144.01
ReachM1	12.58811	Tr=500 anni	44.67	1.18	1.52	3.08	0.137690	5.55	8.05	42.57	101.14	144.06

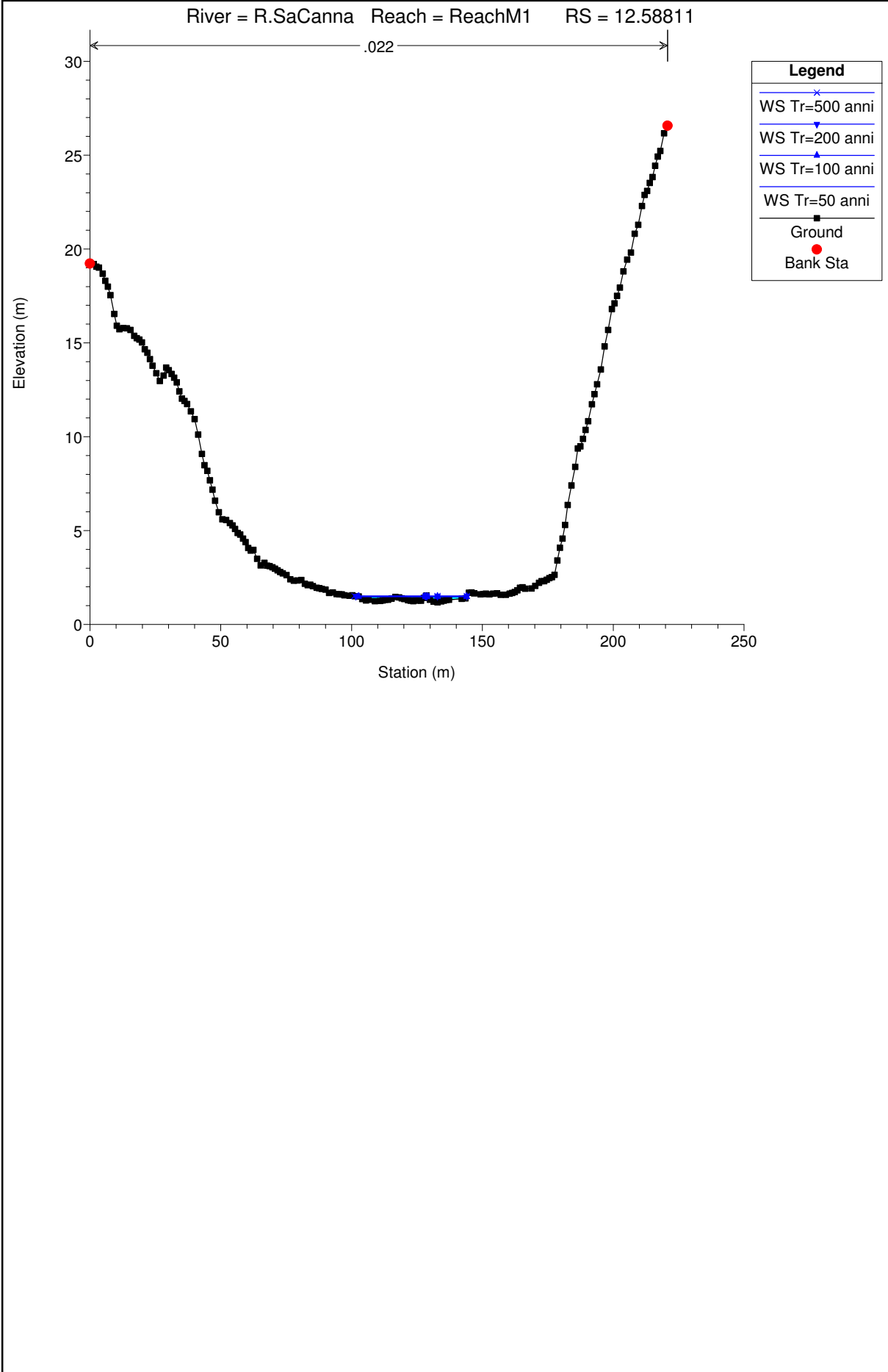


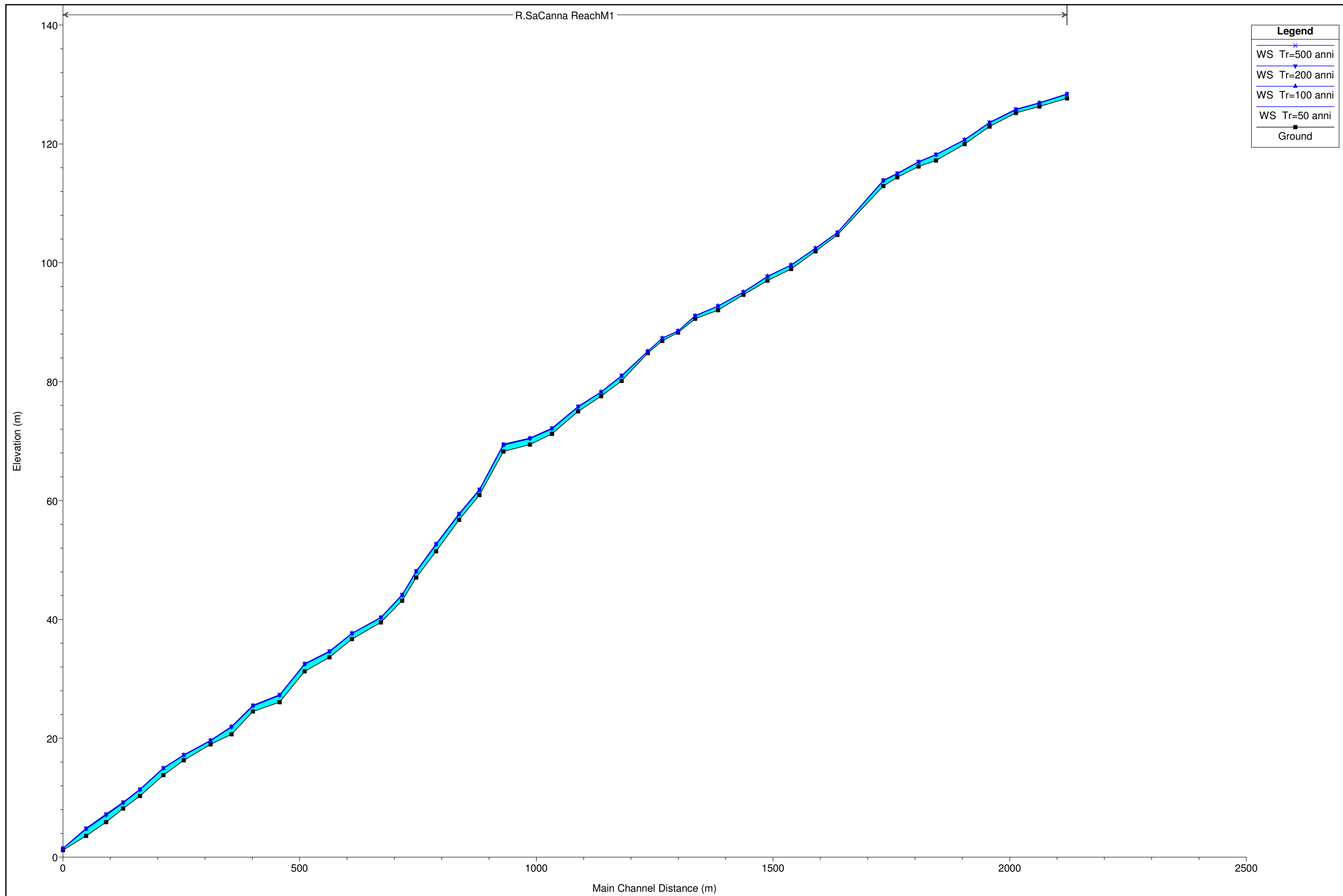


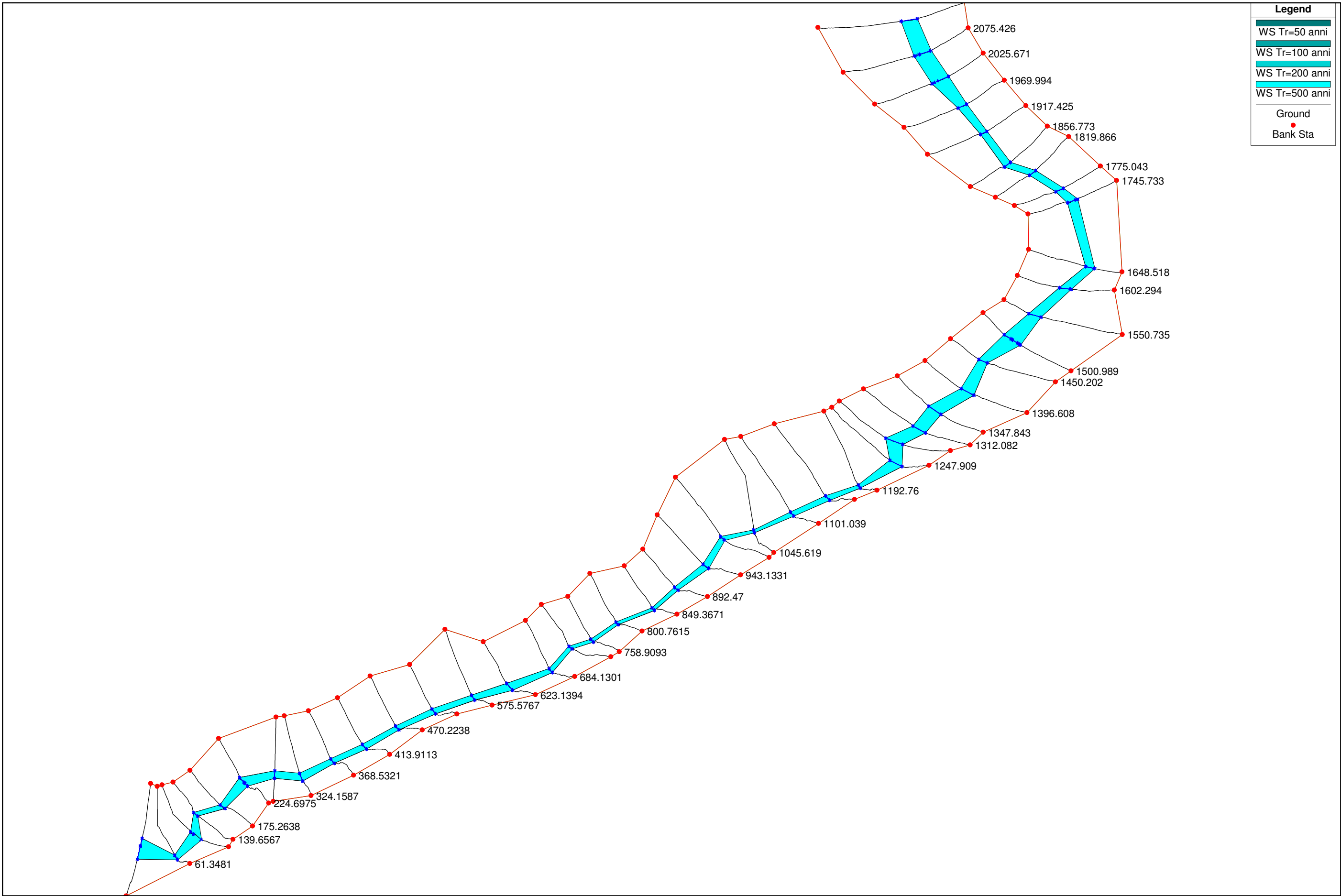












L - Bacino Rio Perdaias

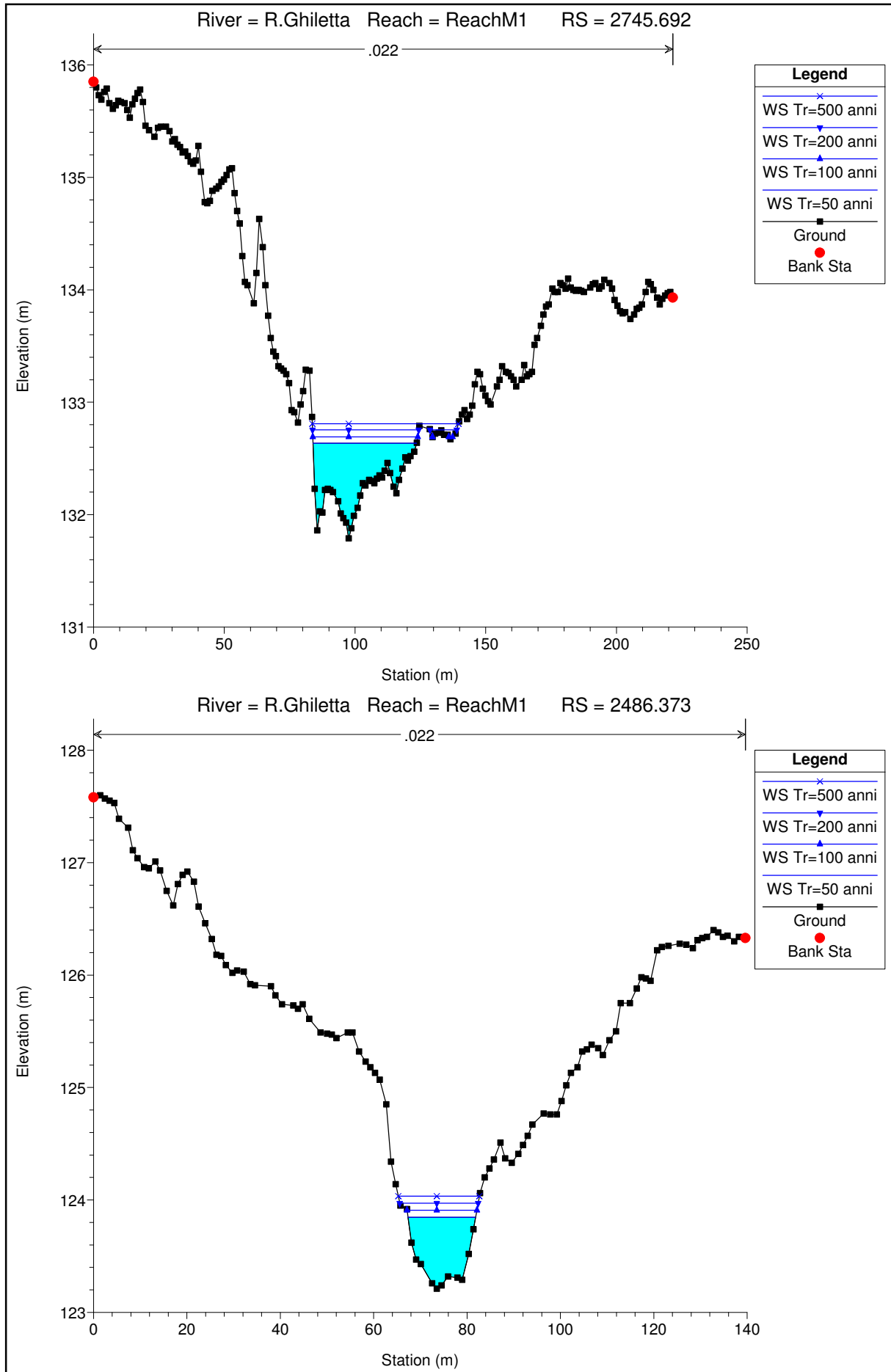
Rio Perdaias – Rio Ghiletta – tronco 24-SN

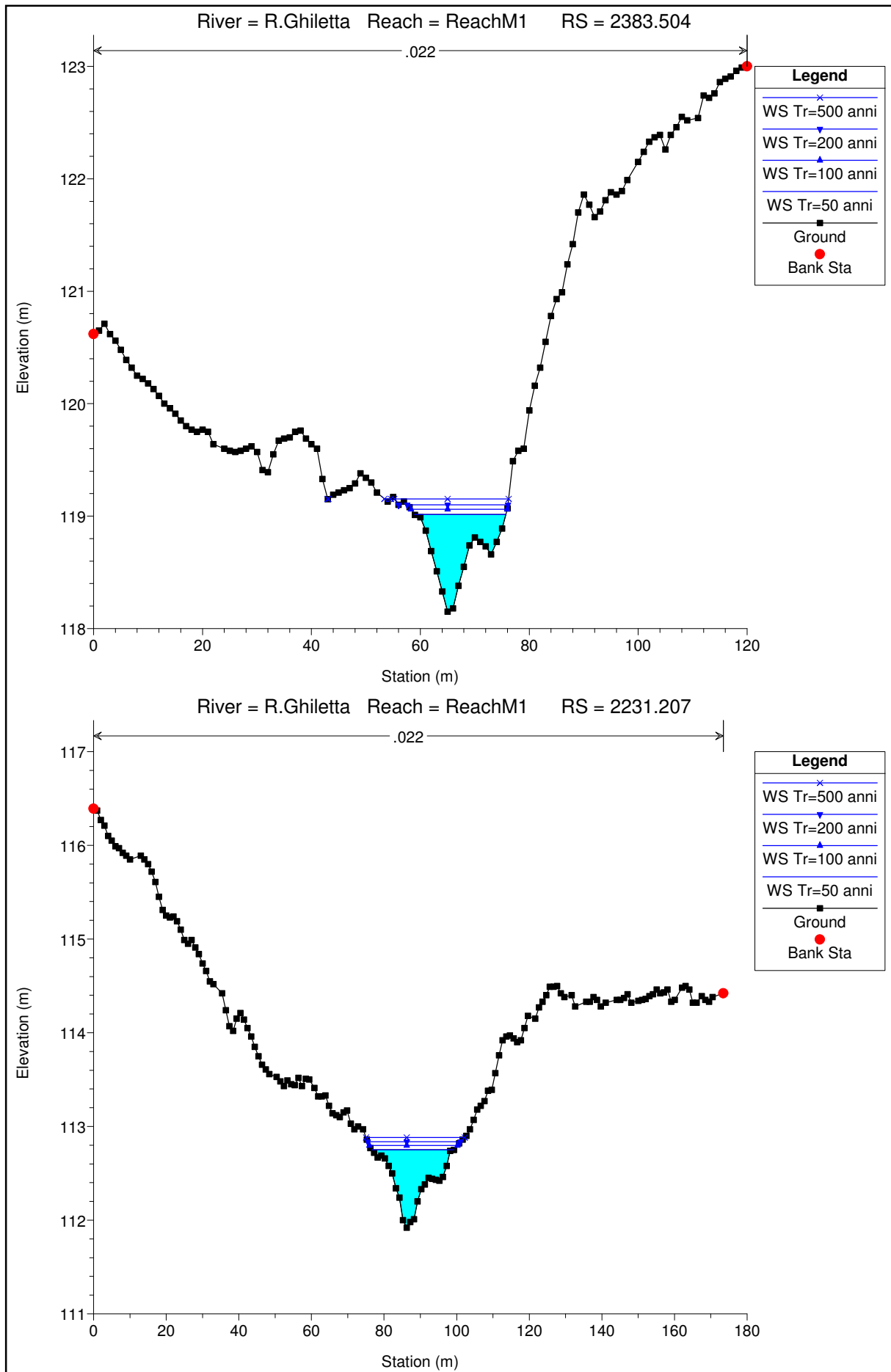
HEC-RAS Plan: n_mod (Continued)

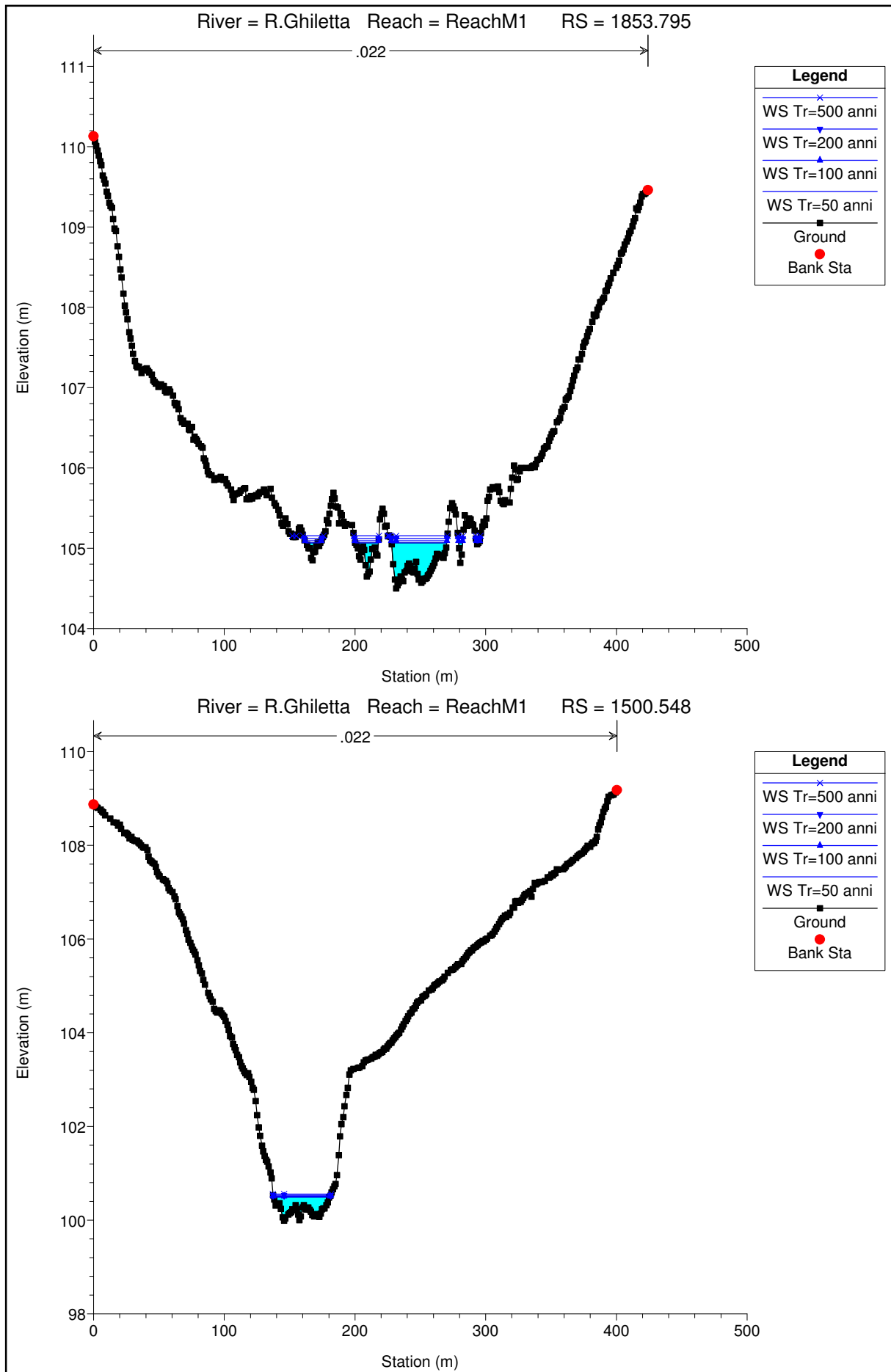
River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
24-SN	ReachM1	202.3234	Tr=500 anni	7.20	60.29	60.60	61.15	0.056313	3.28	2.20	13.11	38.70	51.81
24-SN	ReachM1	175.3414	Tr=50 anni	4.70	59.07	59.25	59.52	0.045702	2.30	2.05	17.81	41.57	59.38
24-SN	ReachM1	175.3414	Tr=100 anni	5.45	59.07	59.26	59.57	0.047340	2.45	2.23	18.07	41.43	59.50
24-SN	ReachM1	175.3414	Tr=200 anni	6.20	59.07	59.27	59.61	0.048688	2.58	2.40	18.32	41.29	59.61
24-SN	ReachM1	175.3414	Tr=500 anni	7.20	59.07	59.28	59.67	0.050060	2.75	2.62	18.63	41.12	59.75
24-SN	ReachM1	128.6504	Tr=50 anni	4.70	56.65	57.03	57.34	0.047474	2.46	1.91	15.37	44.92	66.83
24-SN	ReachM1	128.6504	Tr=100 anni	5.45	56.65	57.05	57.38	0.046372	2.54	2.15	16.17	44.35	66.92
24-SN	ReachM1	128.6504	Tr=200 anni	6.20	56.65	57.06	57.41	0.045714	2.60	2.38	17.08	43.68	66.99
24-SN	ReachM1	128.6504	Tr=500 anni	7.20	56.65	57.08	57.45	0.045050	2.69	2.68	18.13	43.00	67.09
24-SN	ReachM1	69.88749	Tr=50 anni	4.70	54.72	55.02	55.17	0.028565	1.69	2.77	26.76	57.18	90.27
24-SN	ReachM1	69.88749	Tr=100 anni	5.45	54.72	55.03	55.19	0.029228	1.79	3.04	27.41	57.09	90.35
24-SN	ReachM1	69.88749	Tr=200 anni	6.20	54.72	55.04	55.22	0.029693	1.88	3.30	27.96	56.99	90.42
24-SN	ReachM1	69.88749	Tr=500 anni	7.20	54.72	55.05	55.24	0.030390	1.90	3.79	32.21	48.35	90.56

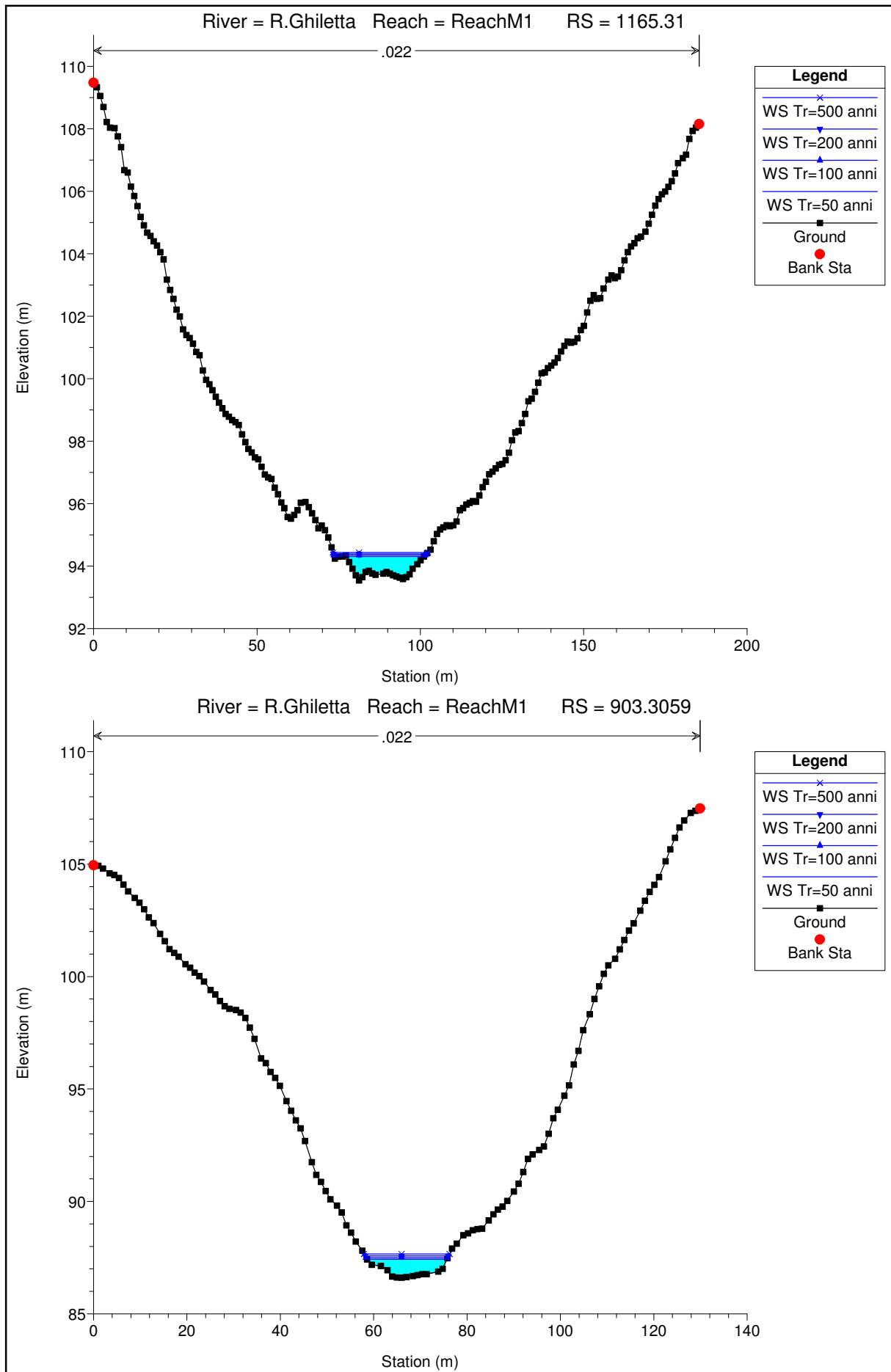
L - Bacino Rio Perdaias

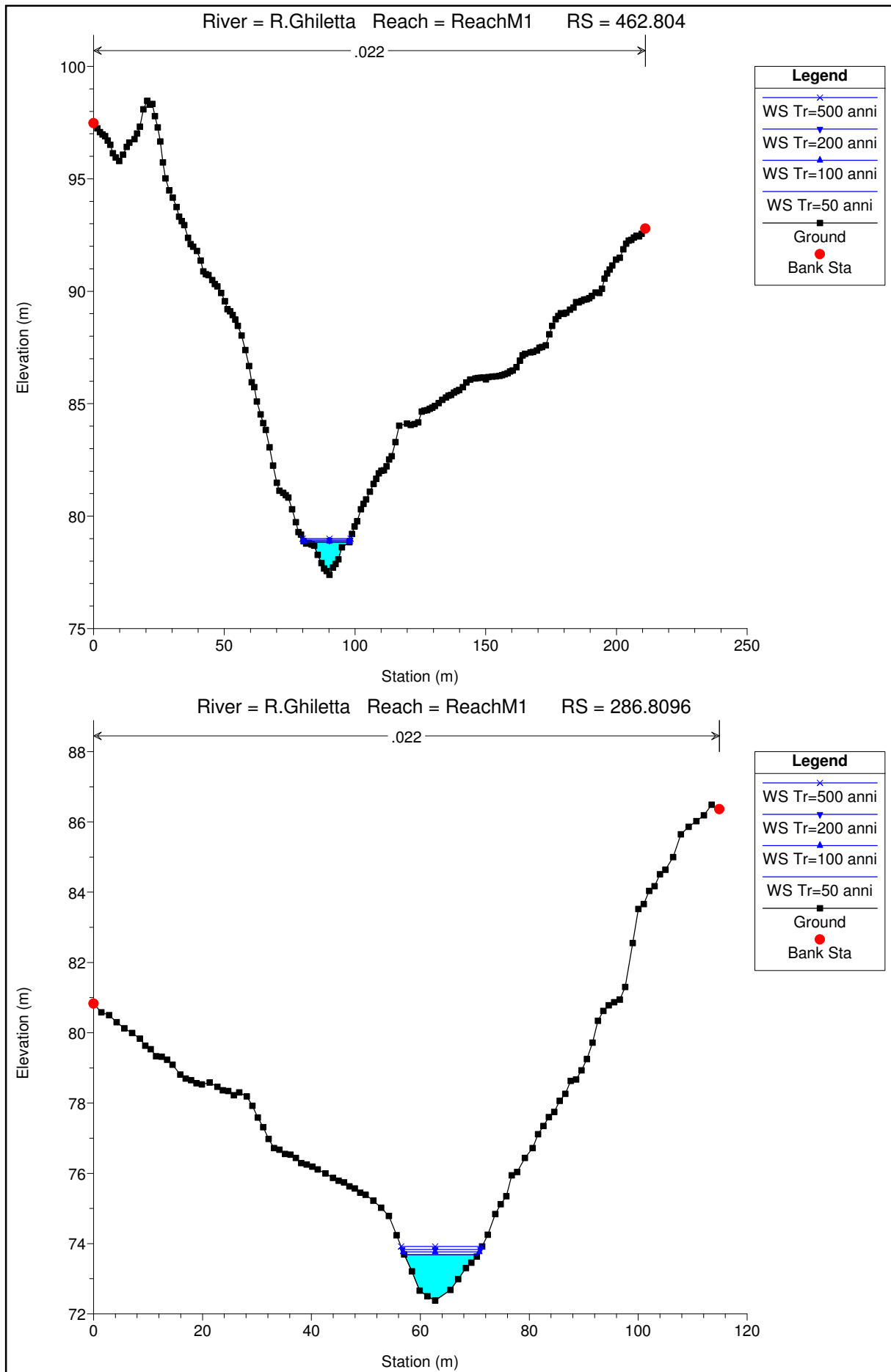
Rio Ghiletta

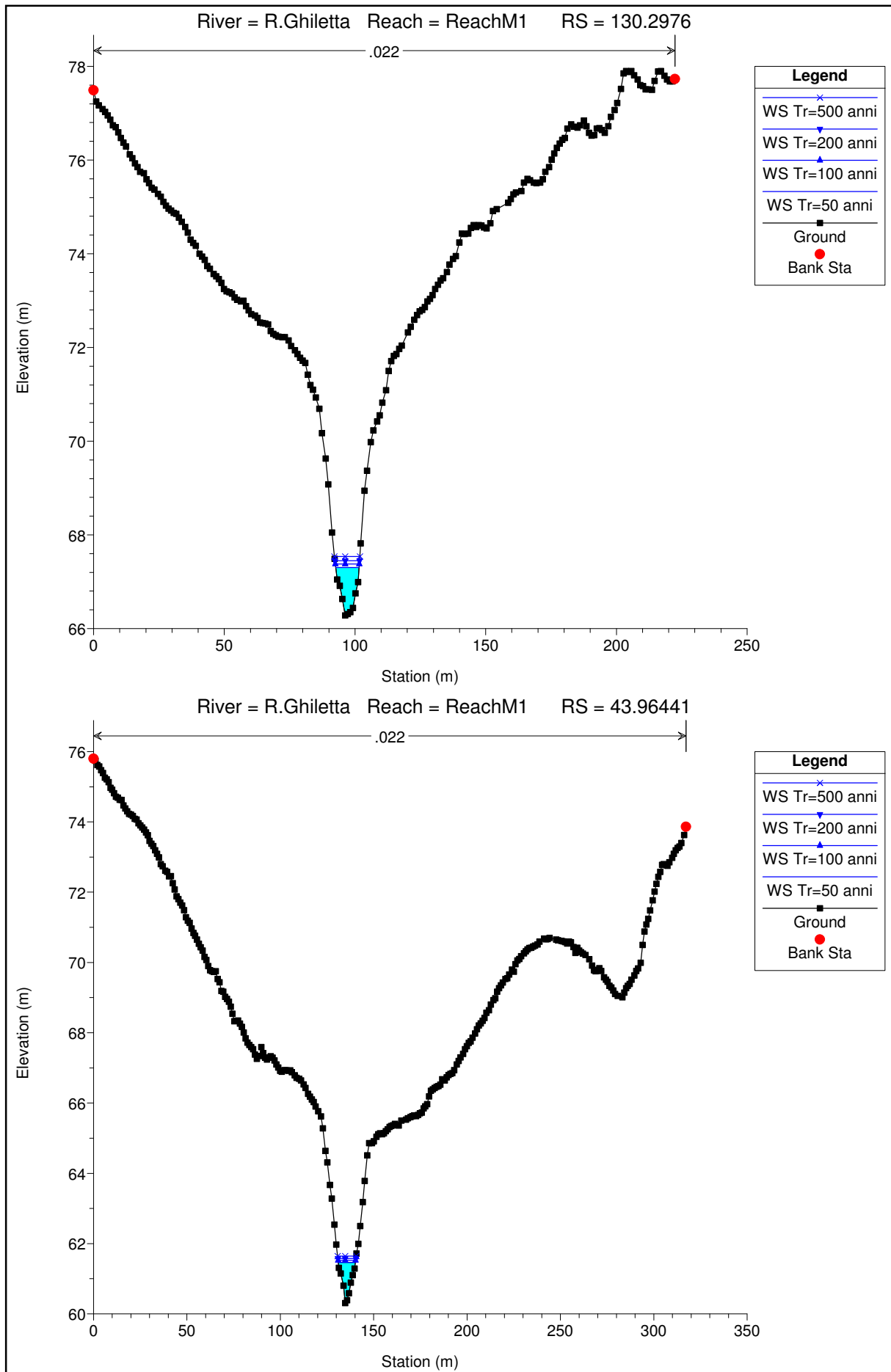


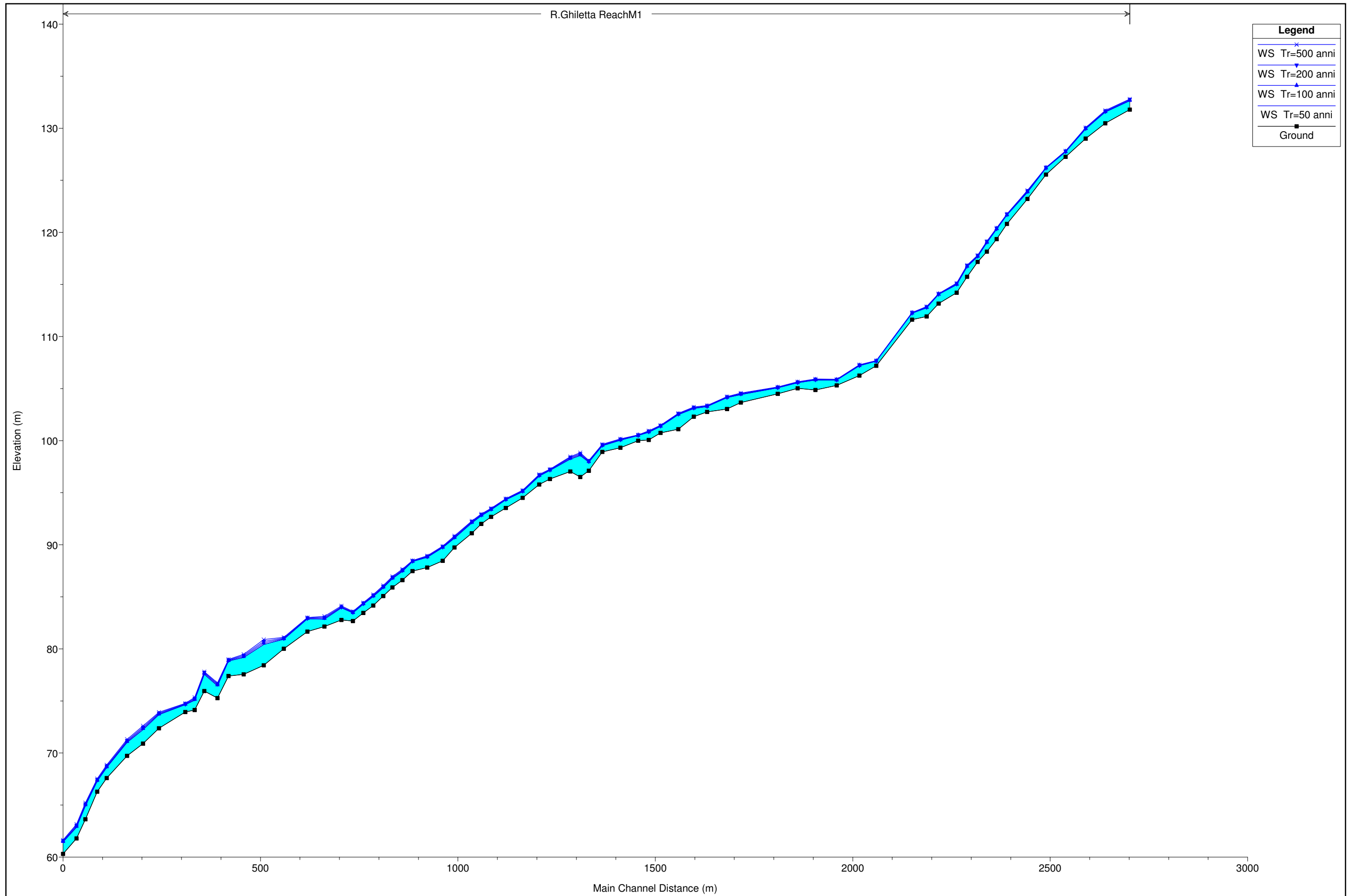






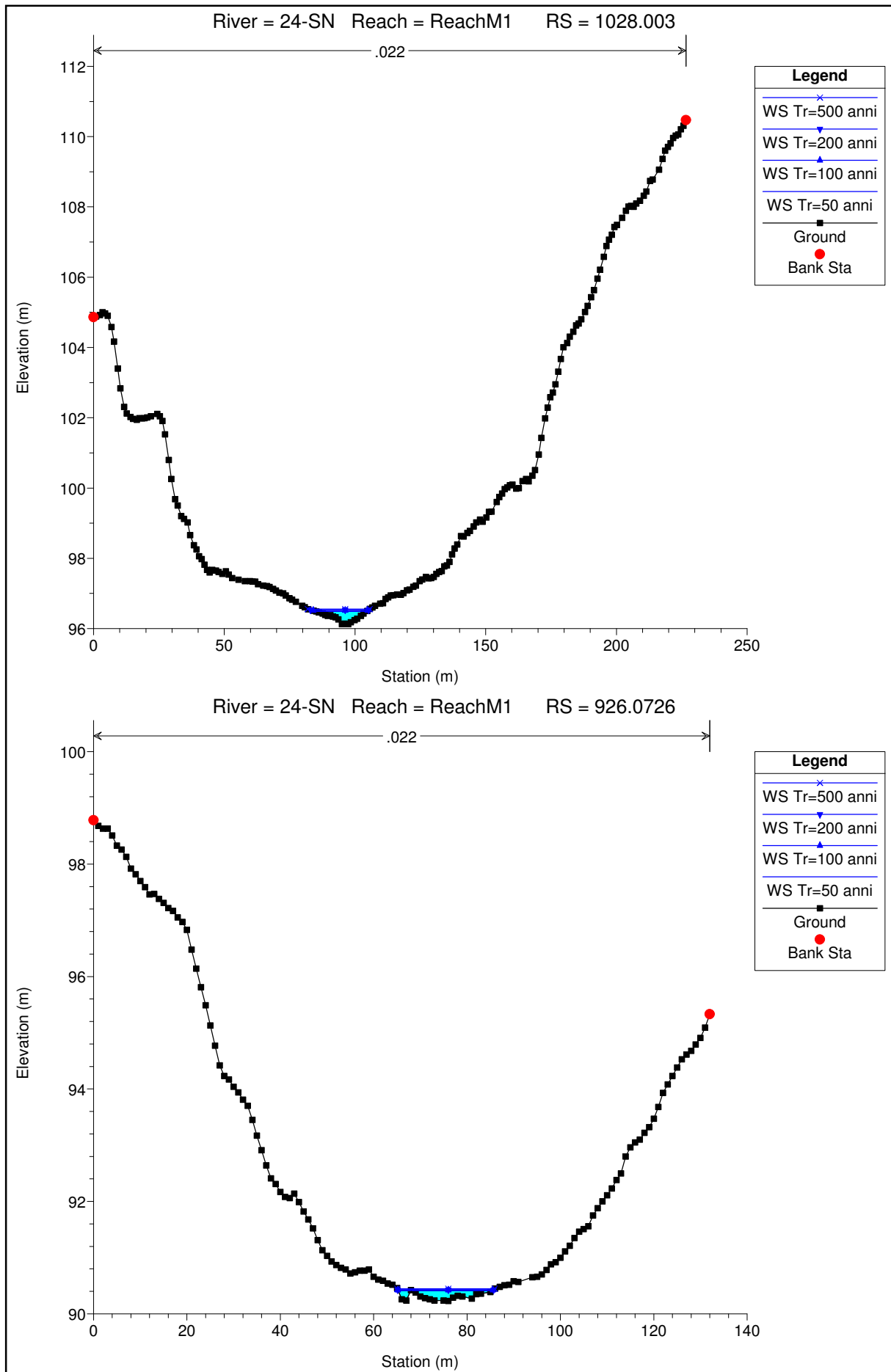


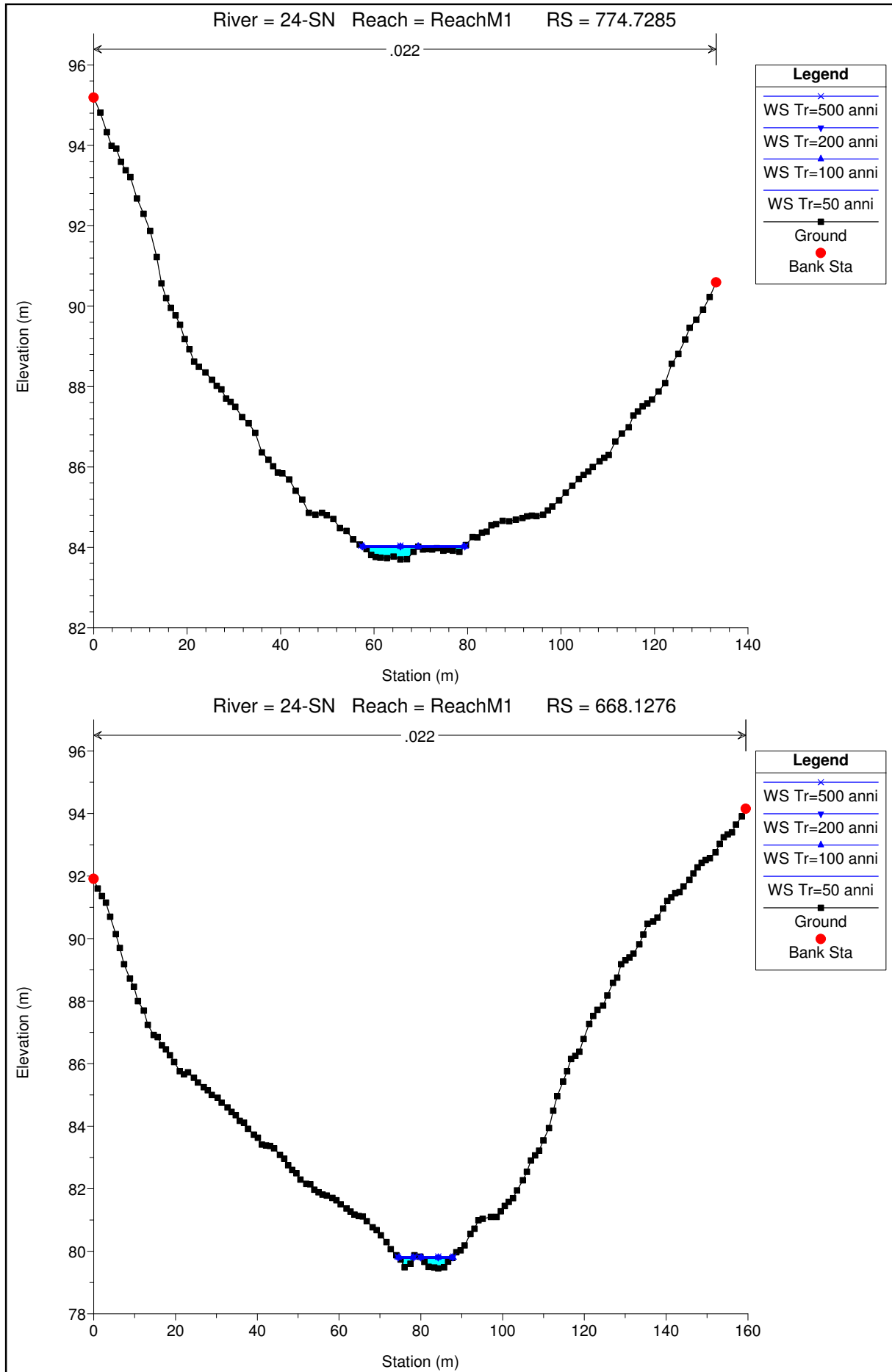


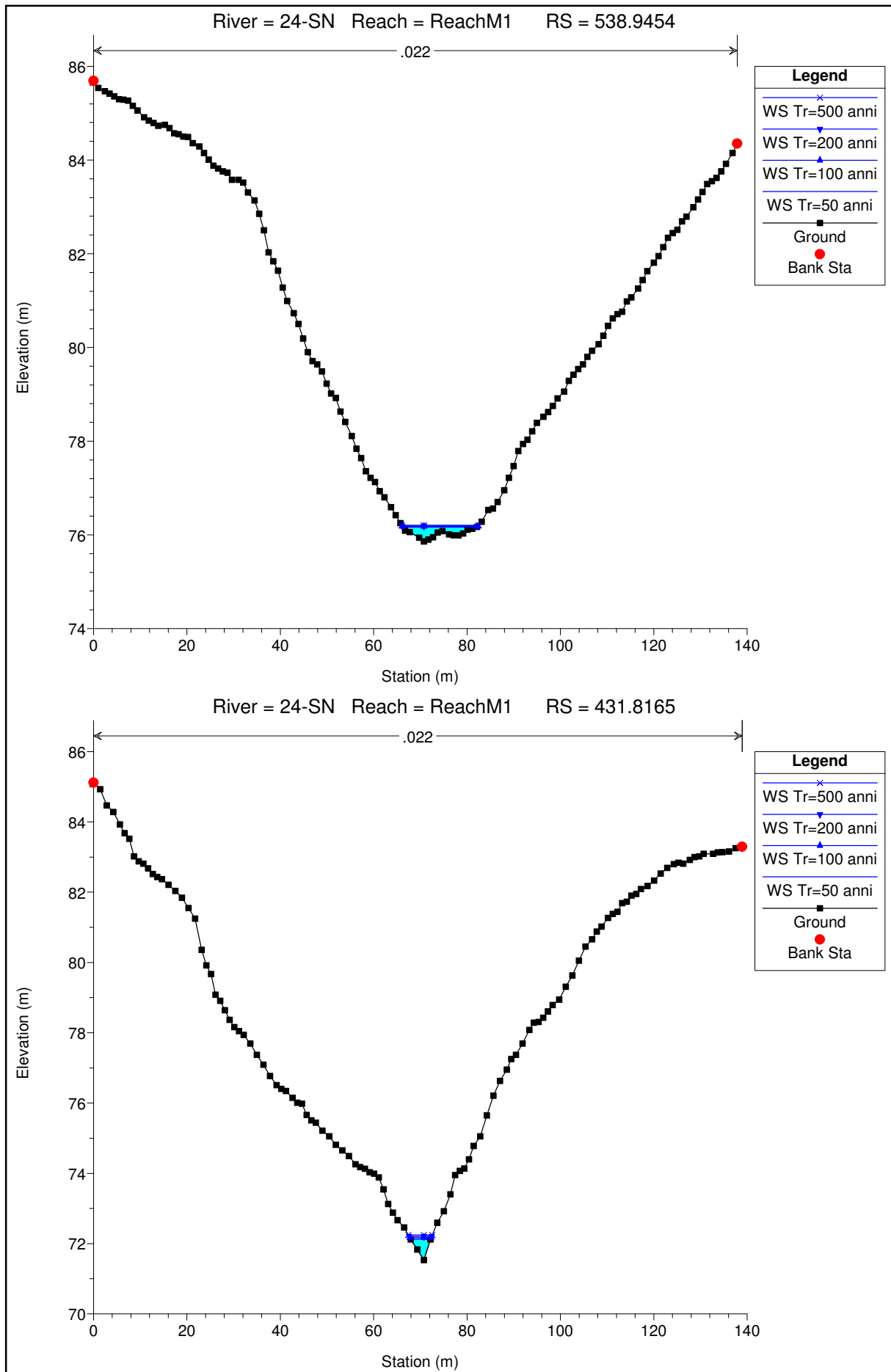


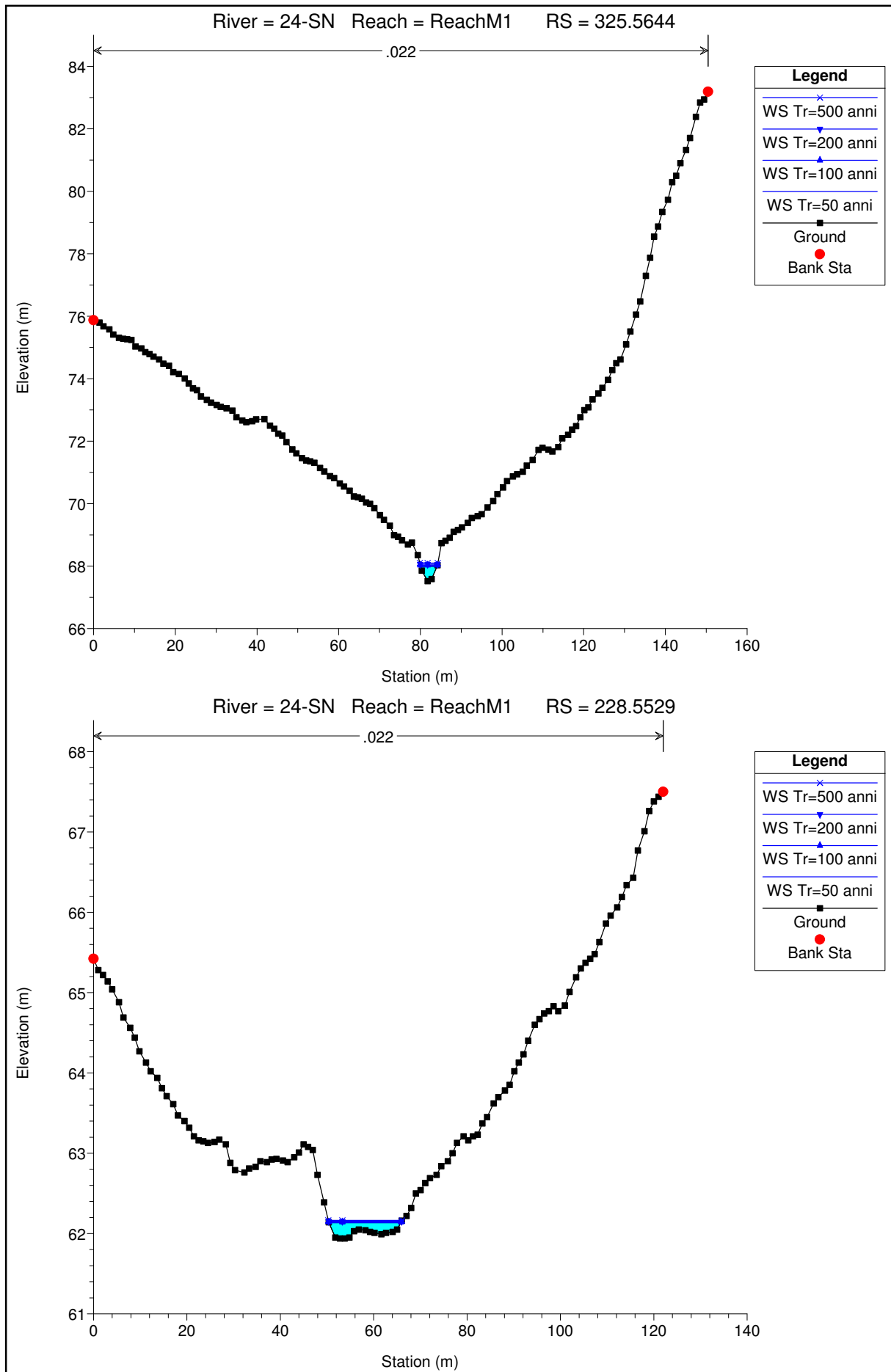
L - Bacino Rio Perdaias

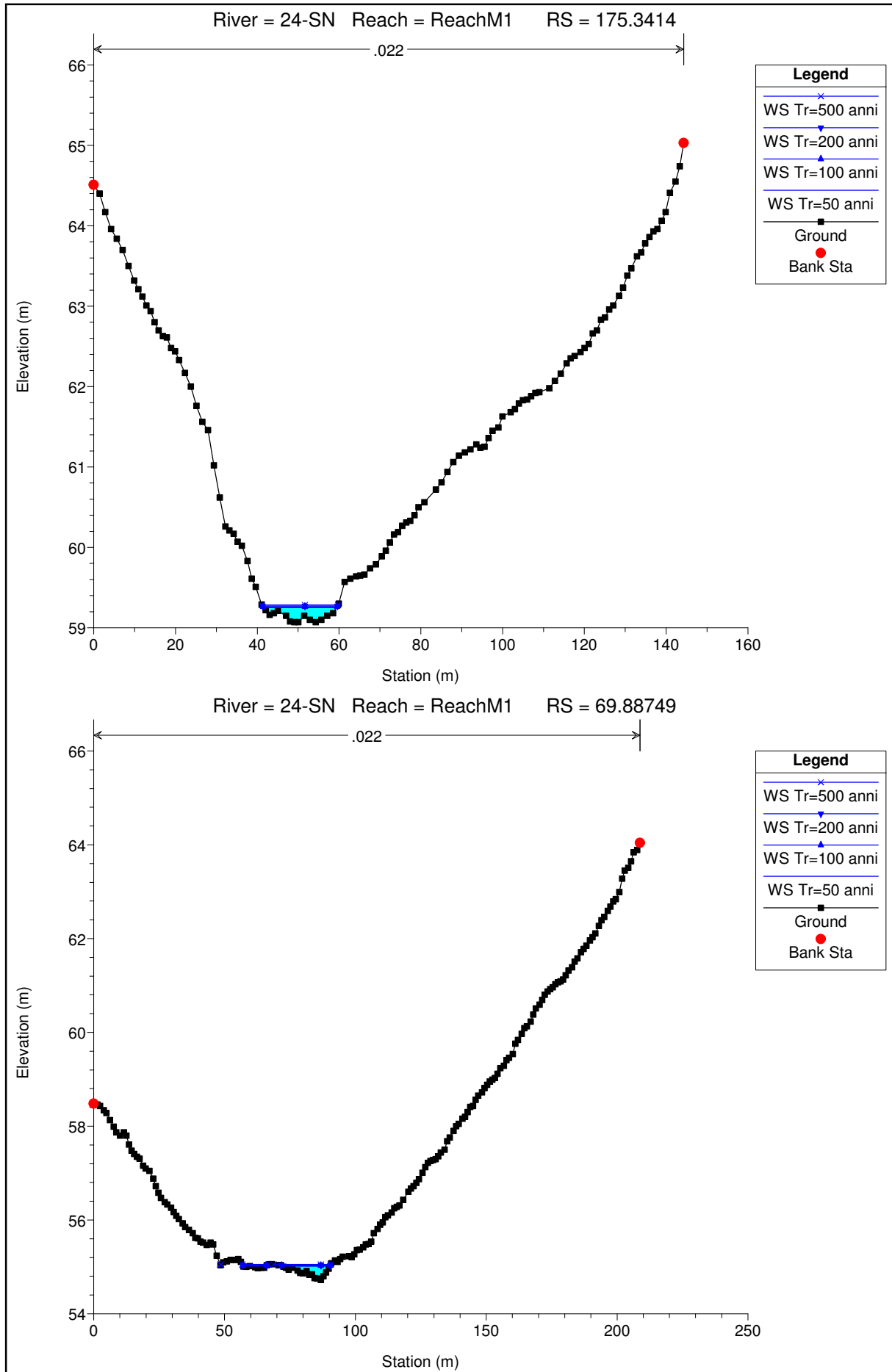
tronco 24-SN





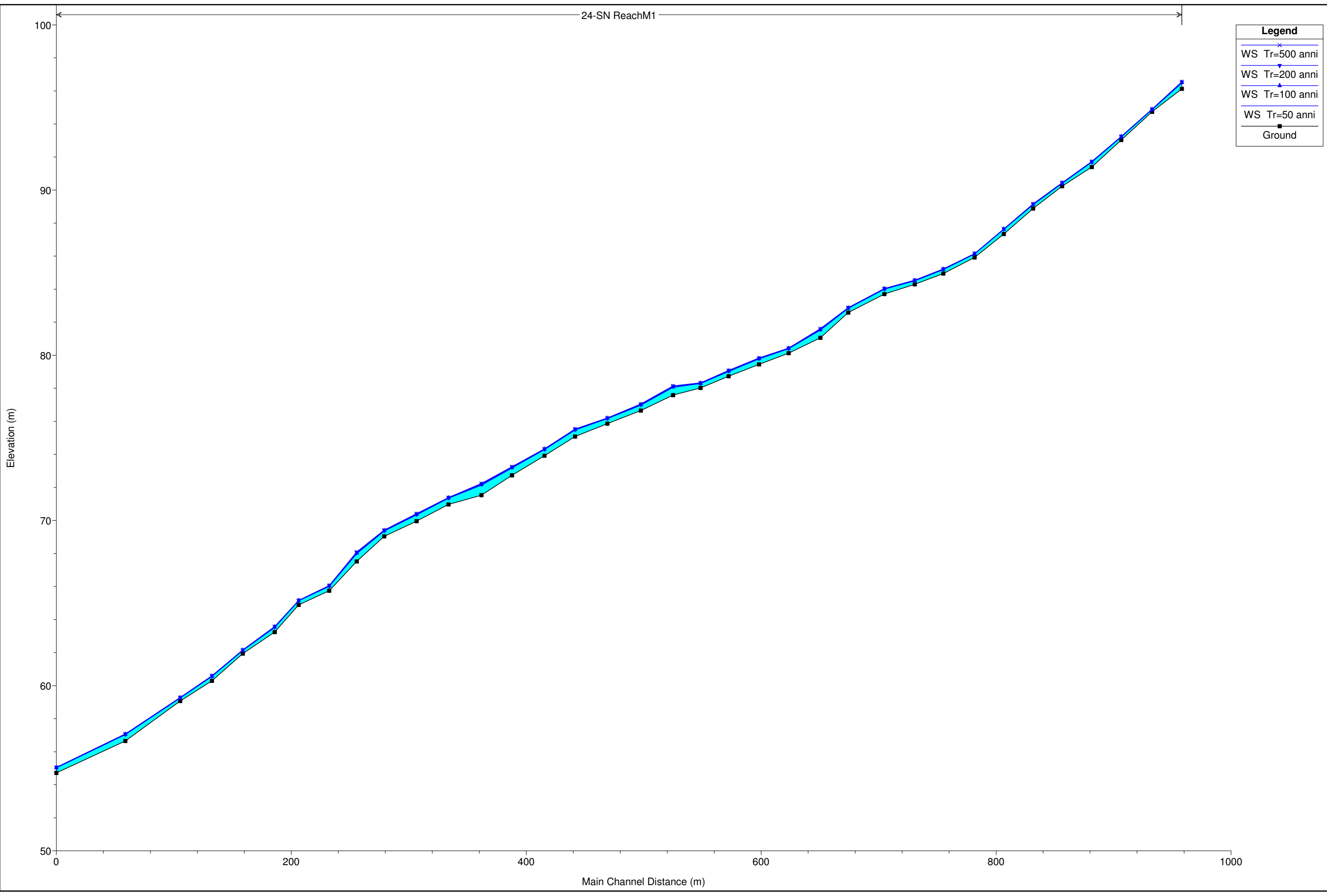






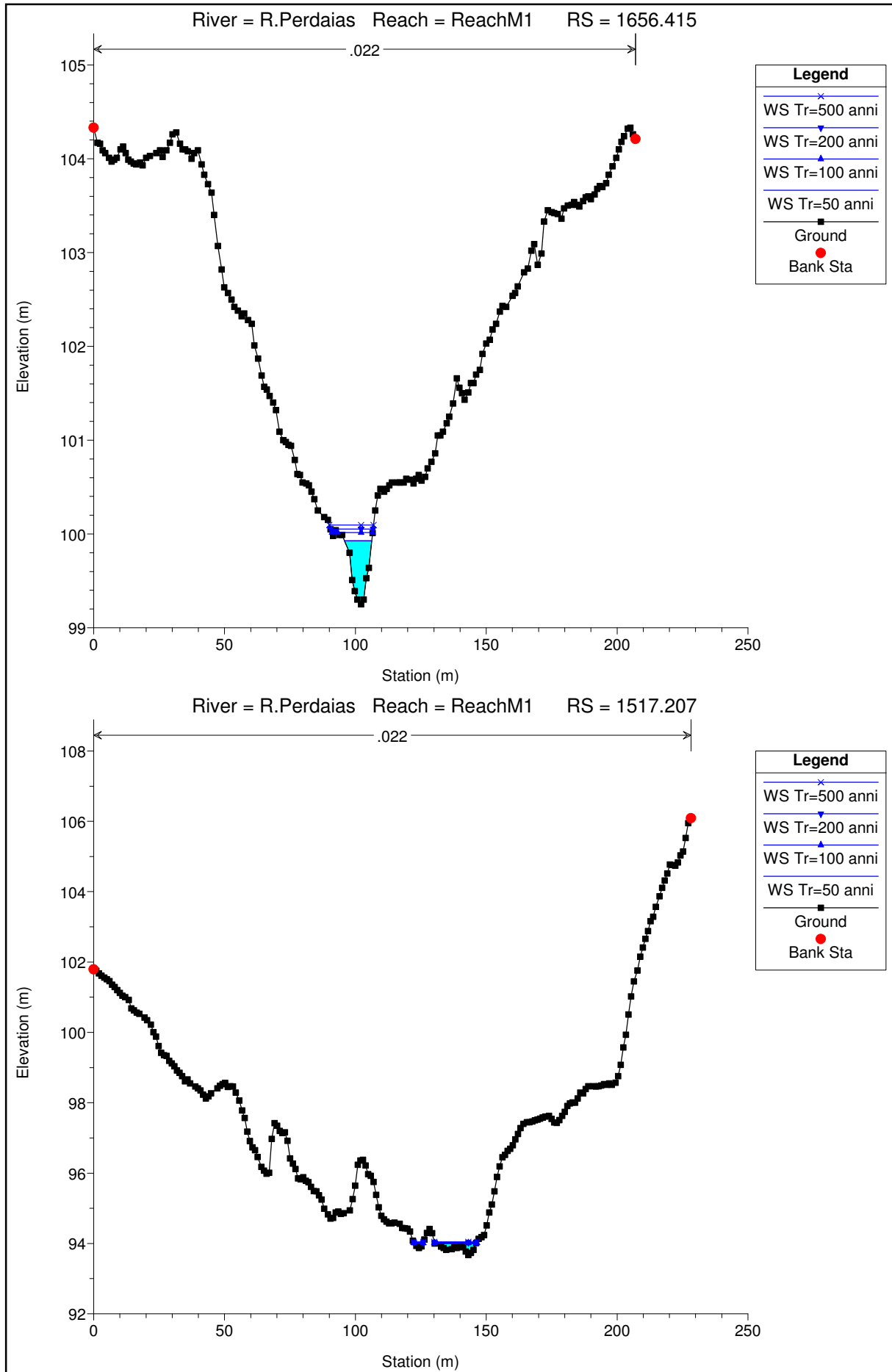
24-SN ReachM1

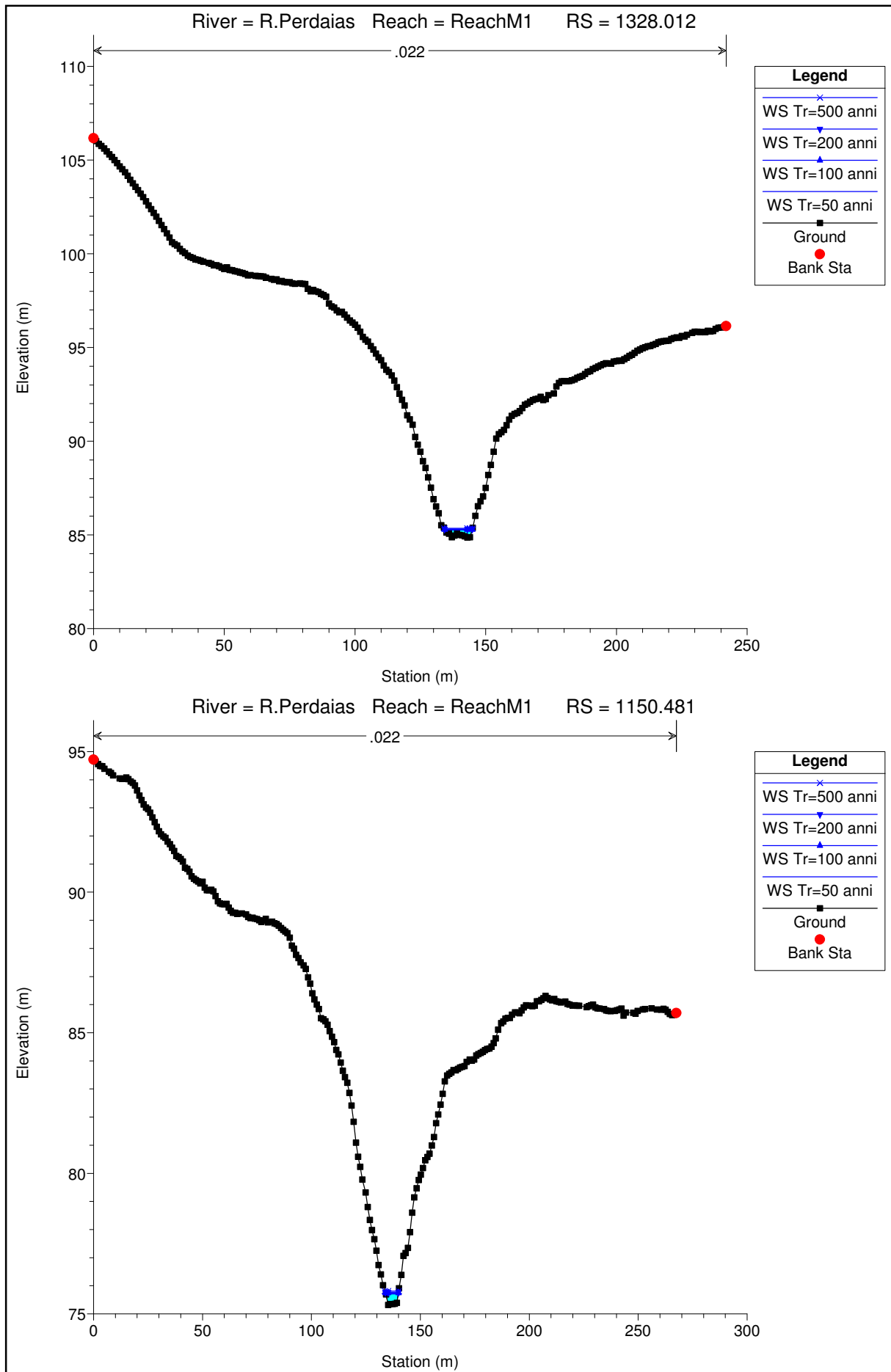
Legend	
WS Tr=500 anni	▲
WS Tr=200 anni	▼
WS Tr=100 anni	▲
WS Tr=50 anni	▼
Ground	■

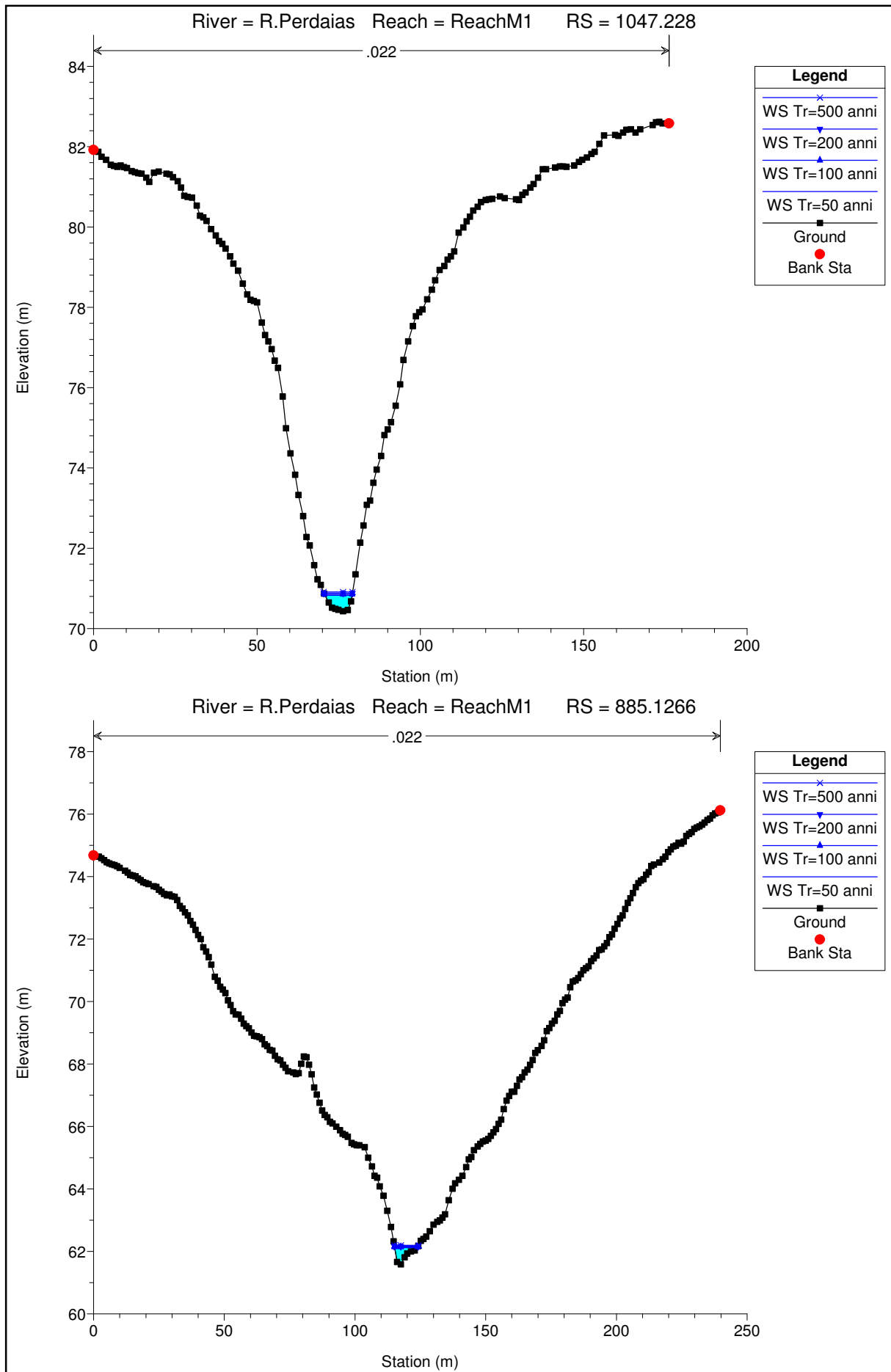


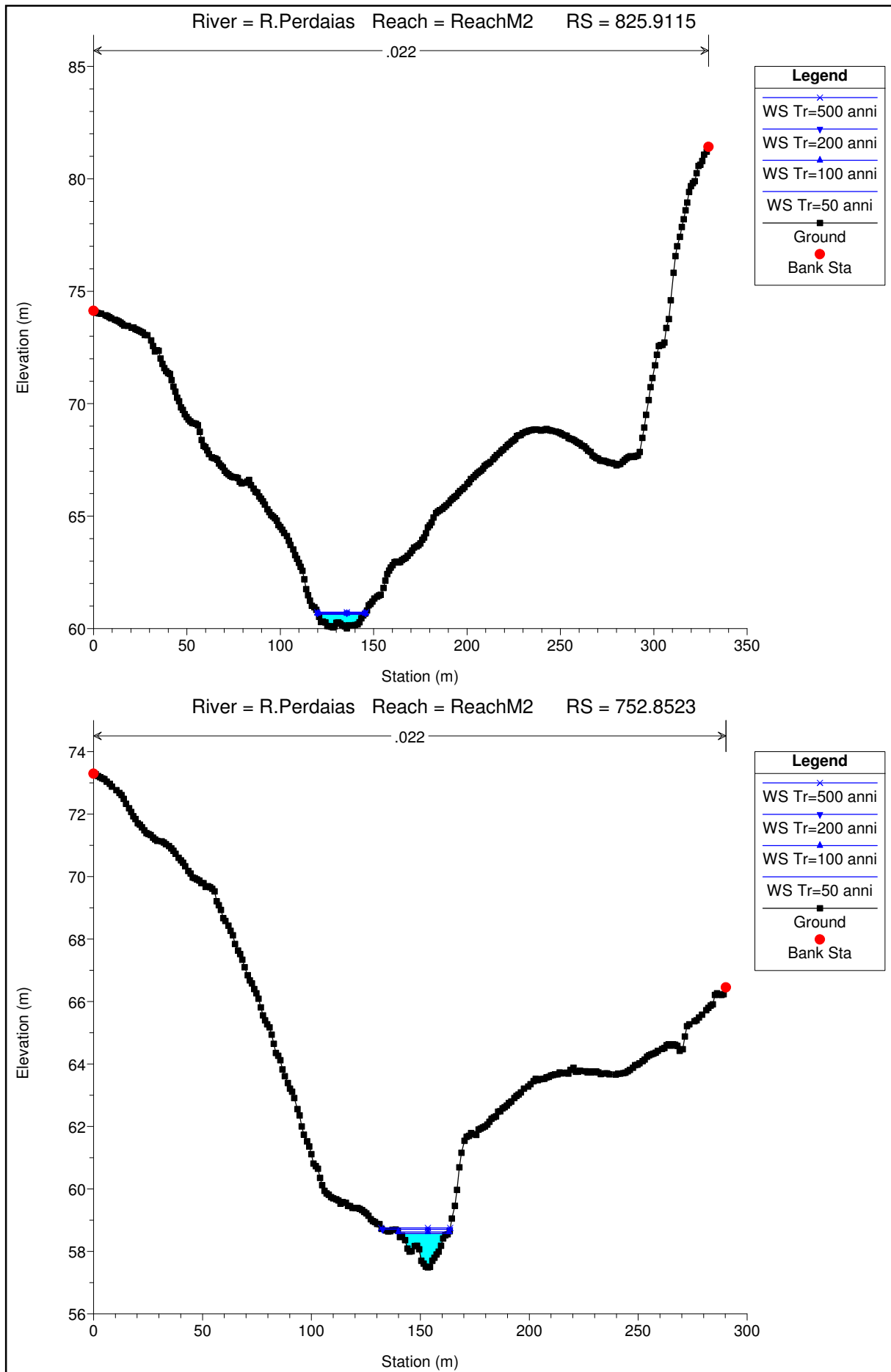
L - Bacino Rio Perdaias

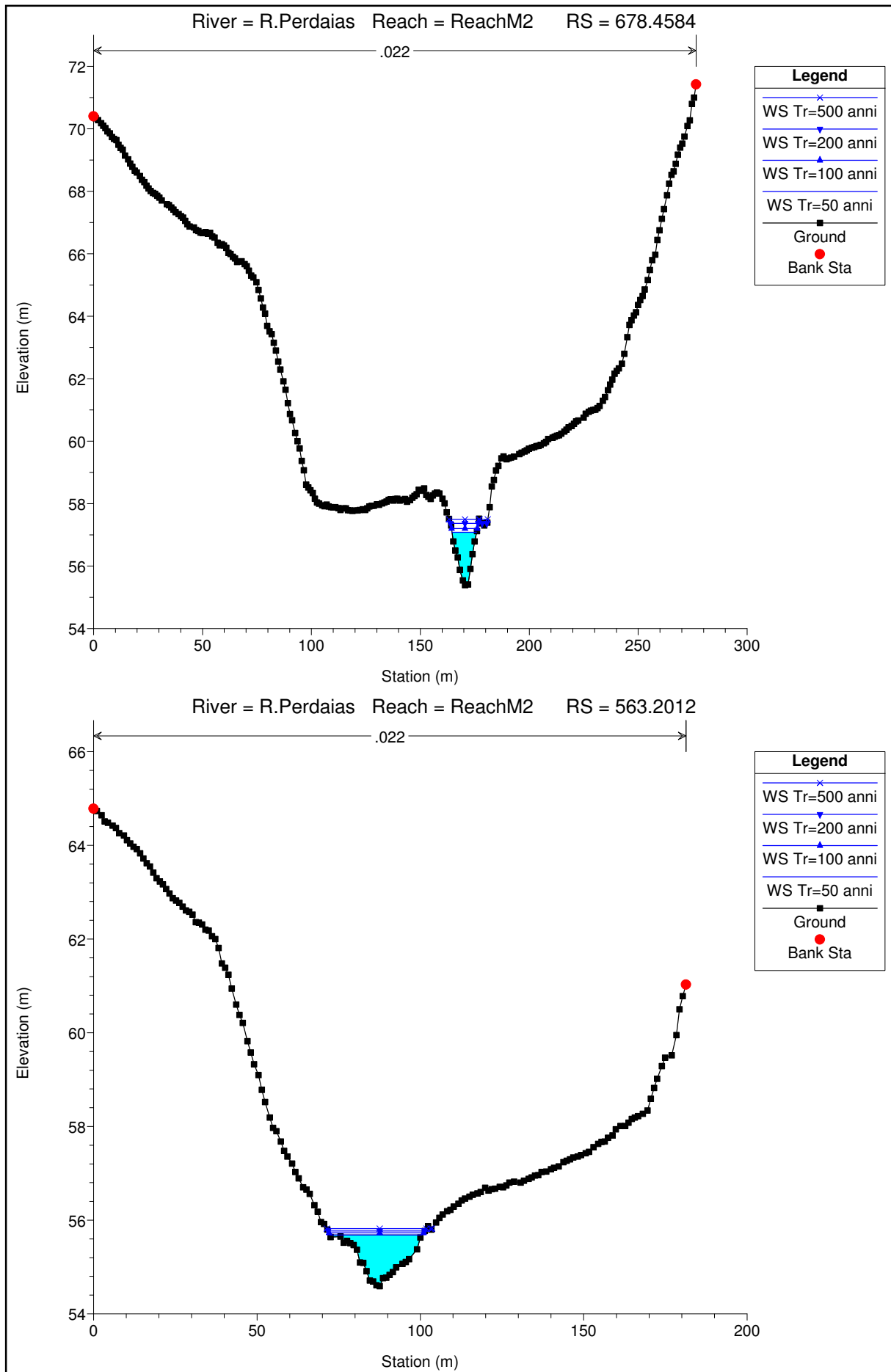
Rio Perdaias

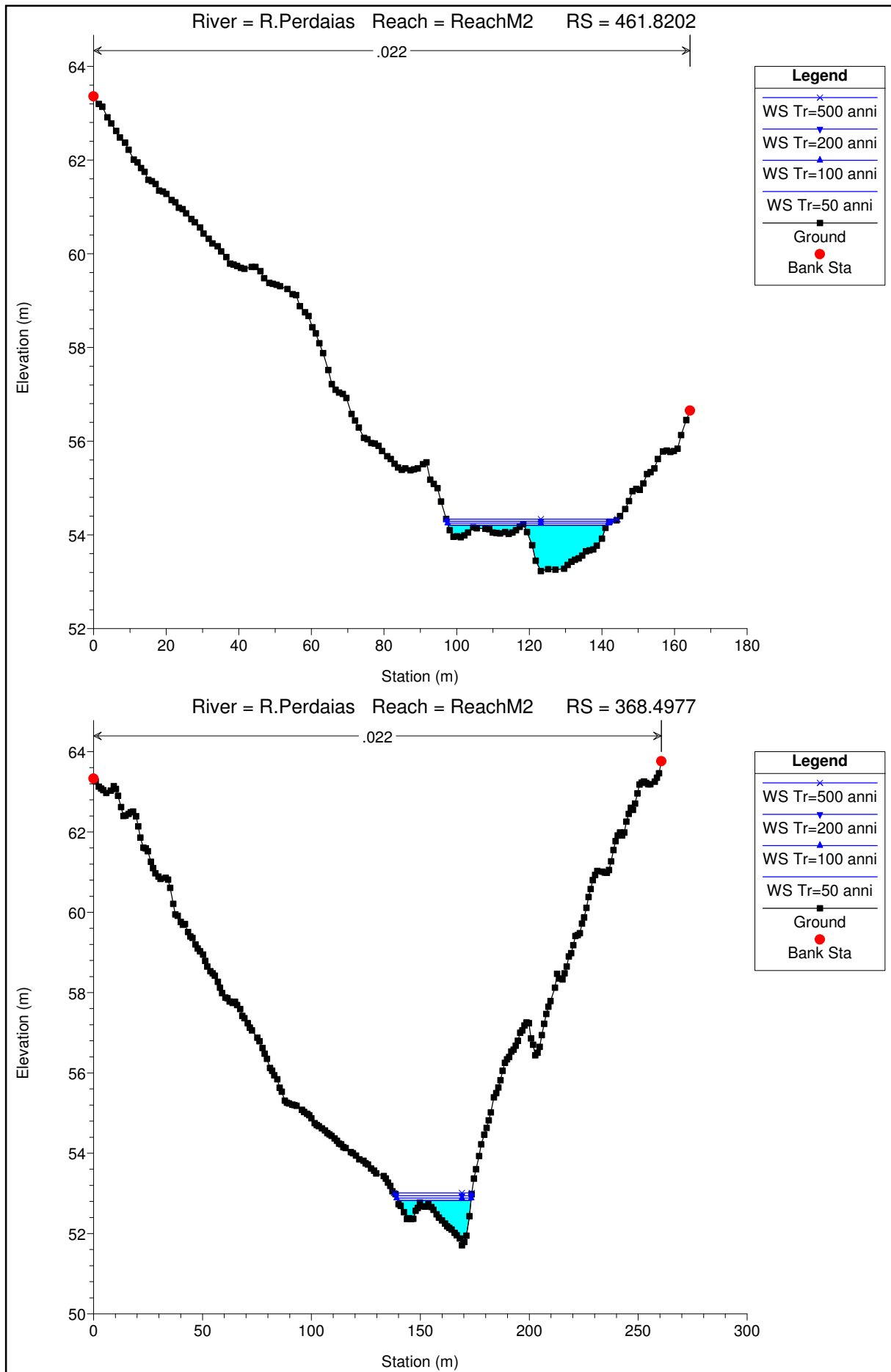


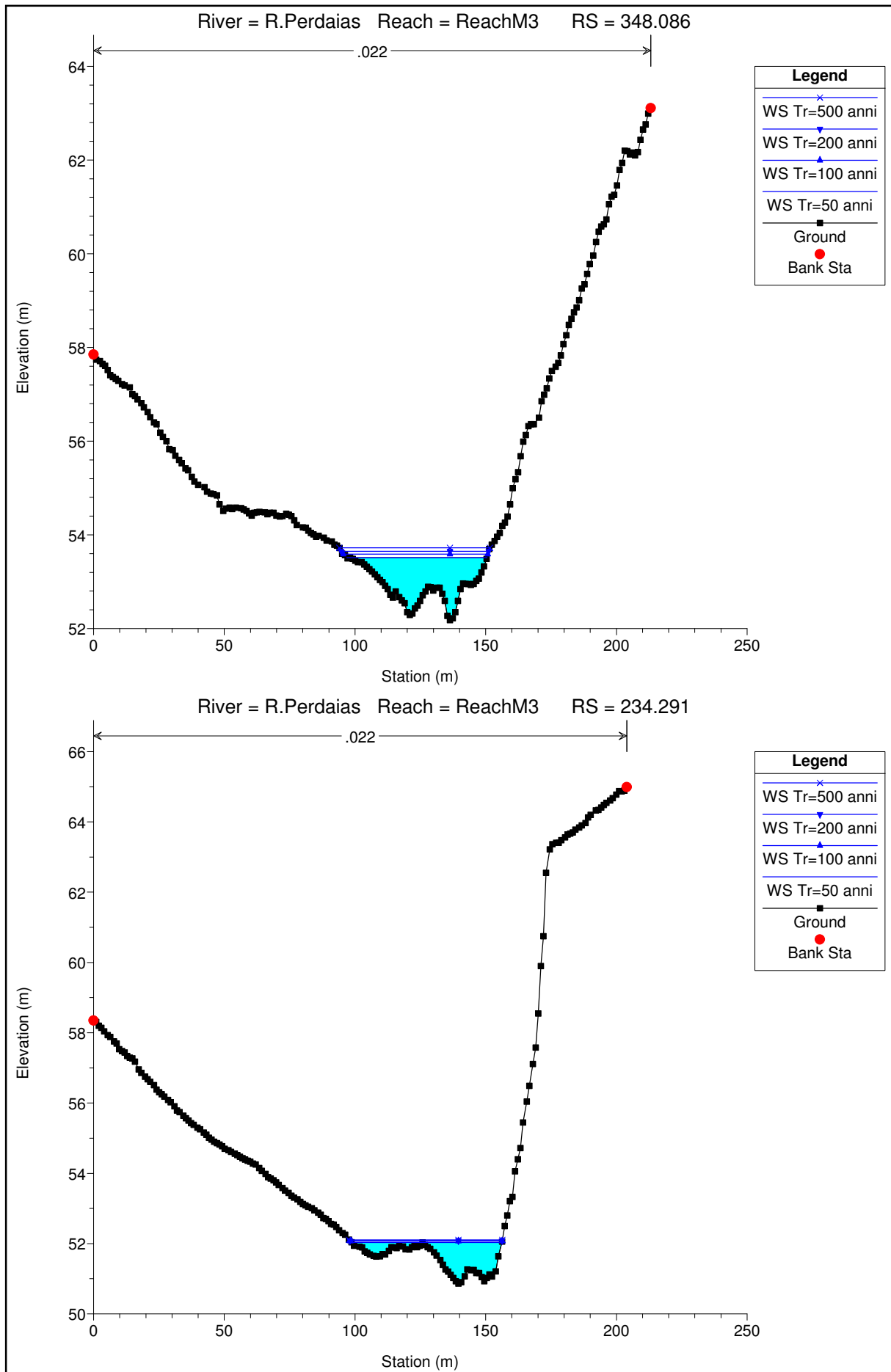


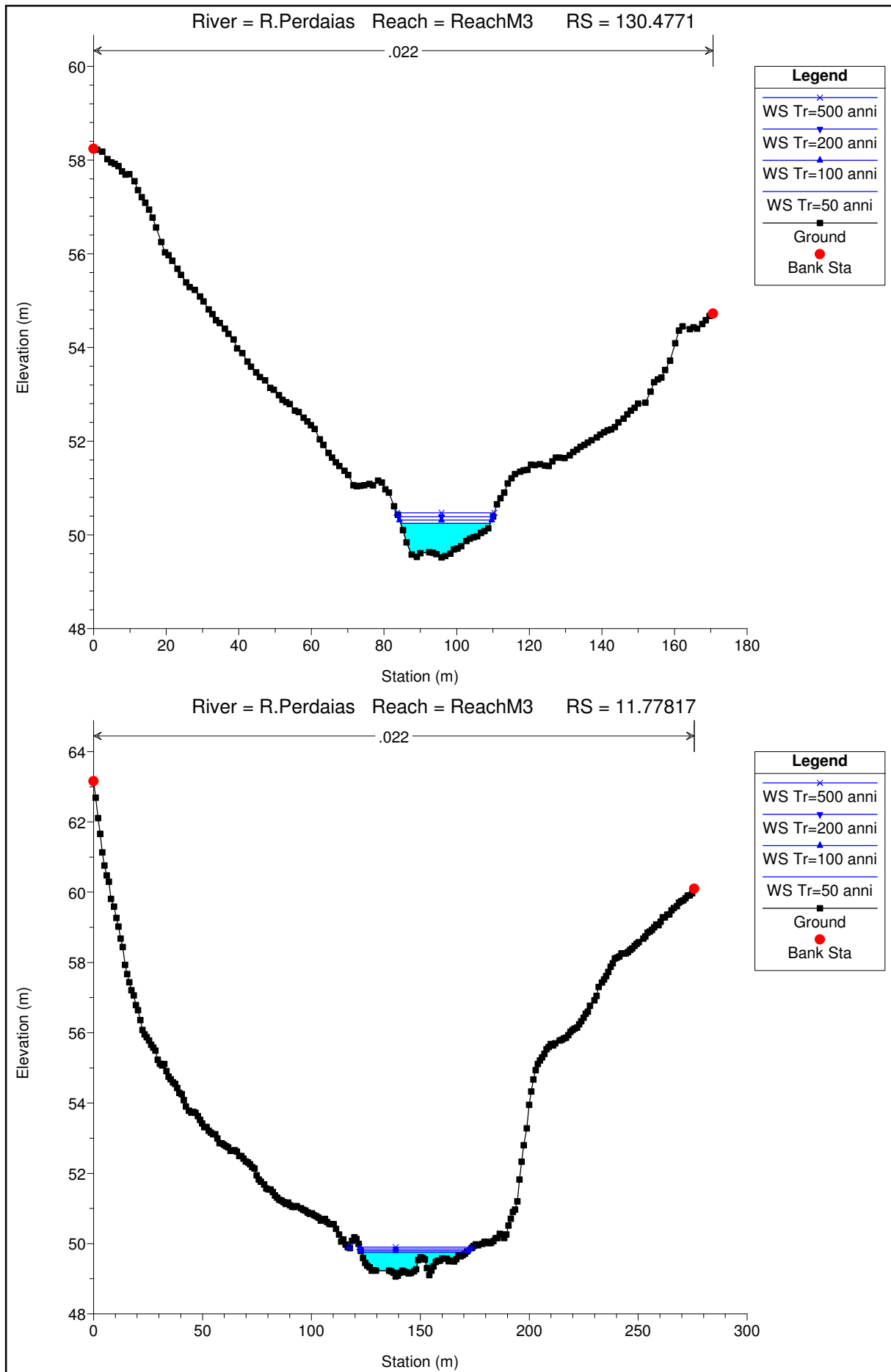


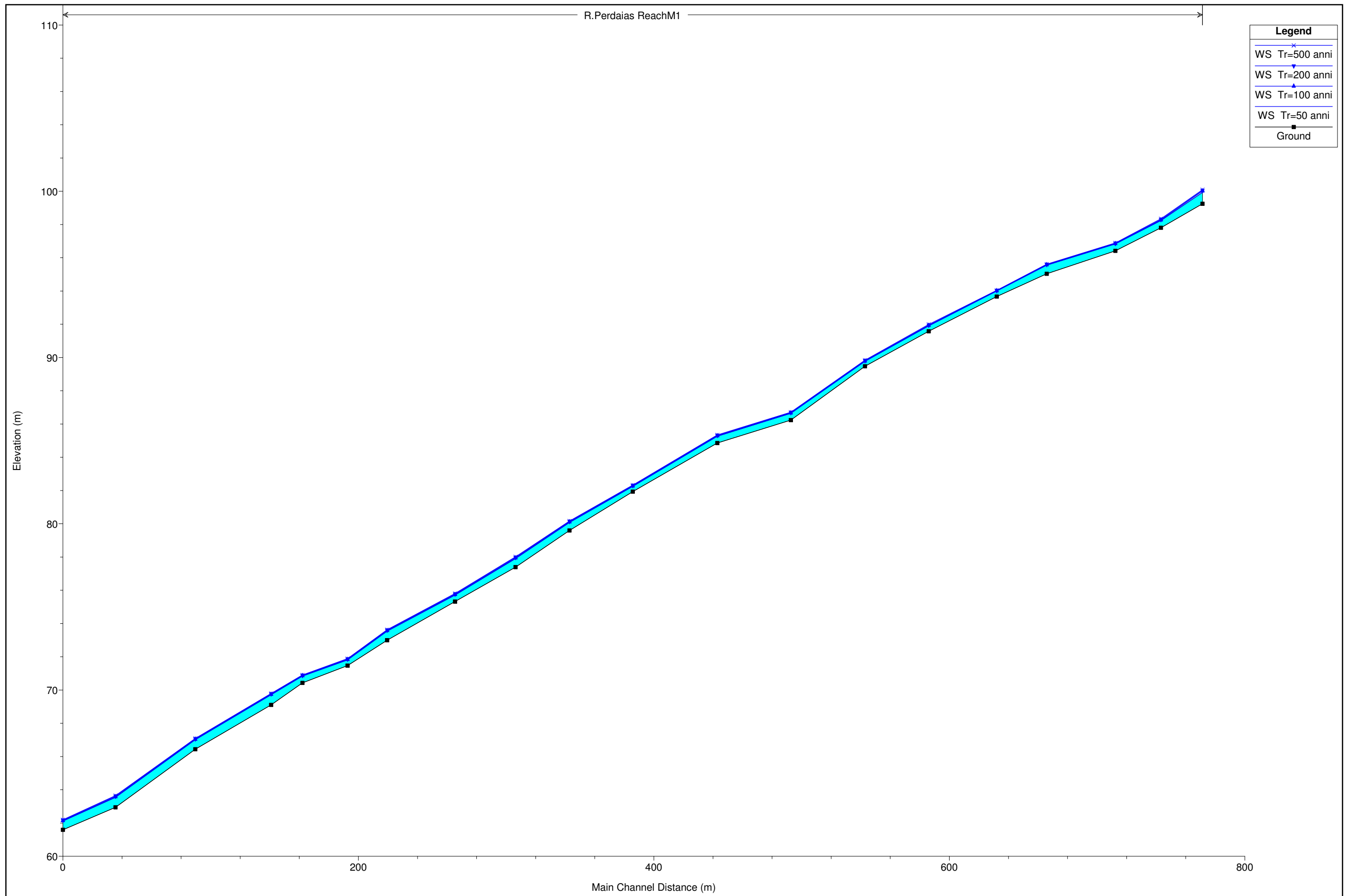


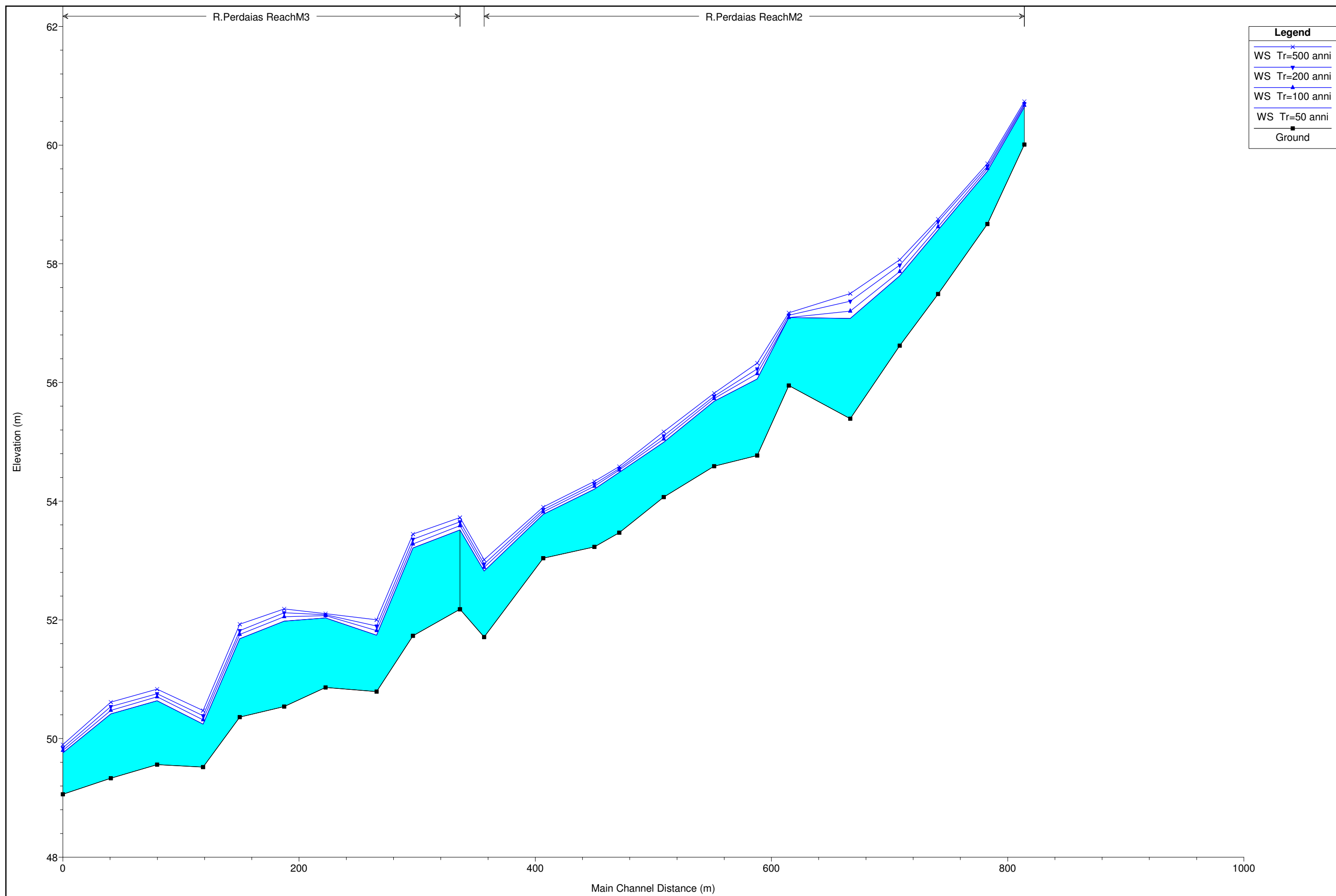


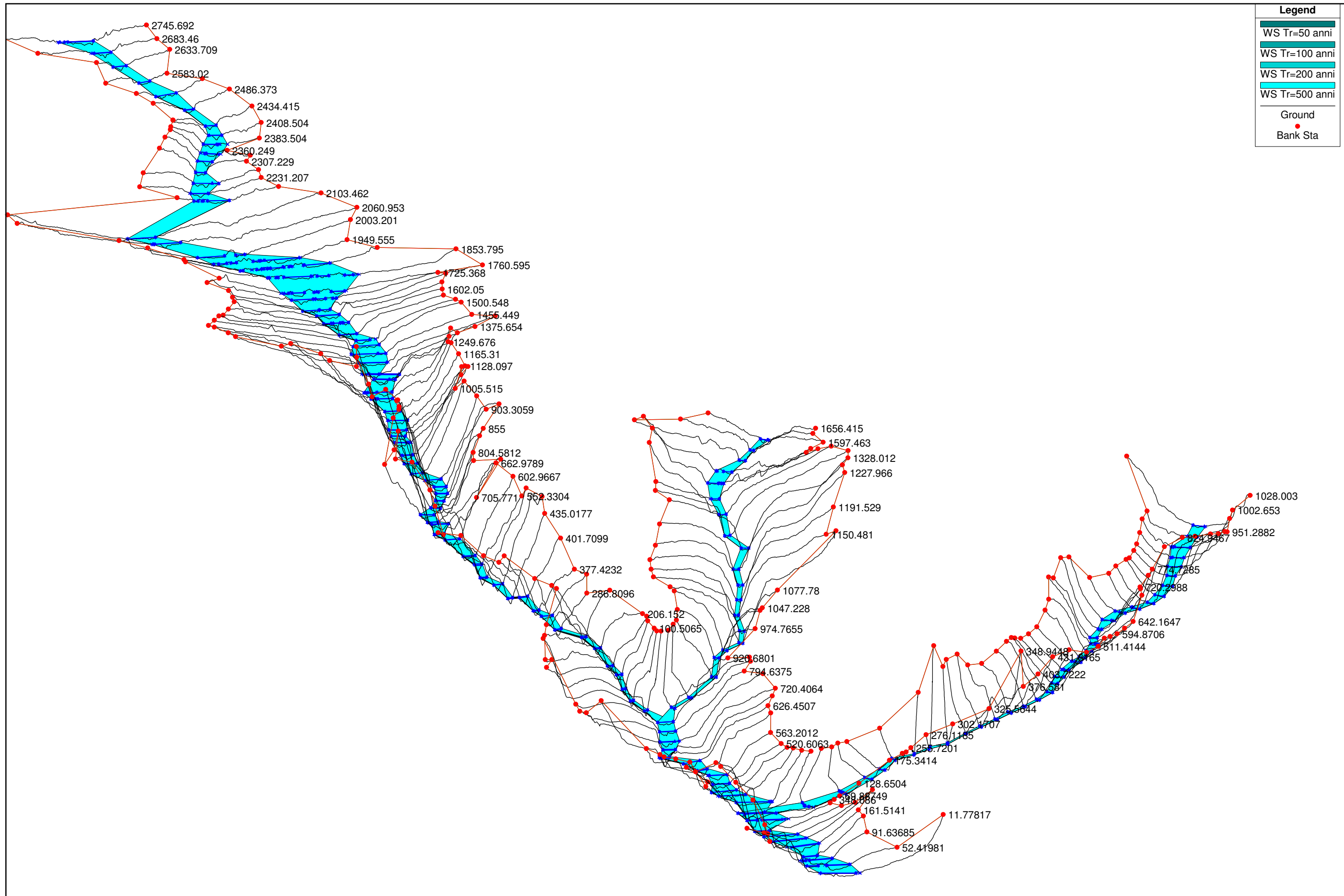












Legend

- WS Tr=50 anni
- WS Tr=100 anni
- WS Tr=200 anni
- WS Tr=500 anni
- Ground
- Bank Sta

2745.692
 2683.46
 2633.709
 2583.02
 2486.373
 2434.415
 2408.504
 2383.504
 2360.249
 2307.229
 2231.207
 2103.462
 2060.953
 2003.201
 1949.555
 1853.795
 1760.595
 1725.368
 1602.05
 1500.548
 1455.449
 1375.654
 1249.676
 1165.31
 1128.097
 1005.515
 903.3059
 855
 804.5812
 662.9789
 602.9667
 705.771
 552.3304
 435.0177
 401.7099
 377.4232
 288.8096
 206.152
 100.5065
 1656.415
 1597.463
 1328.012
 1227.966
 1191.529
 1150.481
 1077.78
 1047.228
 974.7655
 920.6801
 794.6375
 720.4064
 626.4507
 563.2012
 520.6063
 499.8649
 388.8649
 161.5141
 91.63685
 52.41981
 1028.003
 1002.653
 951.2882
 924.8367
 774.7285
 720.3988
 642.1647
 594.8706
 511.4144
 481.8165
 403.7222
 376.681
 325.5844
 302.1707
 276.1185
 258.7201
 175.3414
 128.6504

M - Bacino Rio Pescinas

Rio Pescinas

HEC-RAS Plan: n_mod River: R.Pescinas Reach: ReachM1

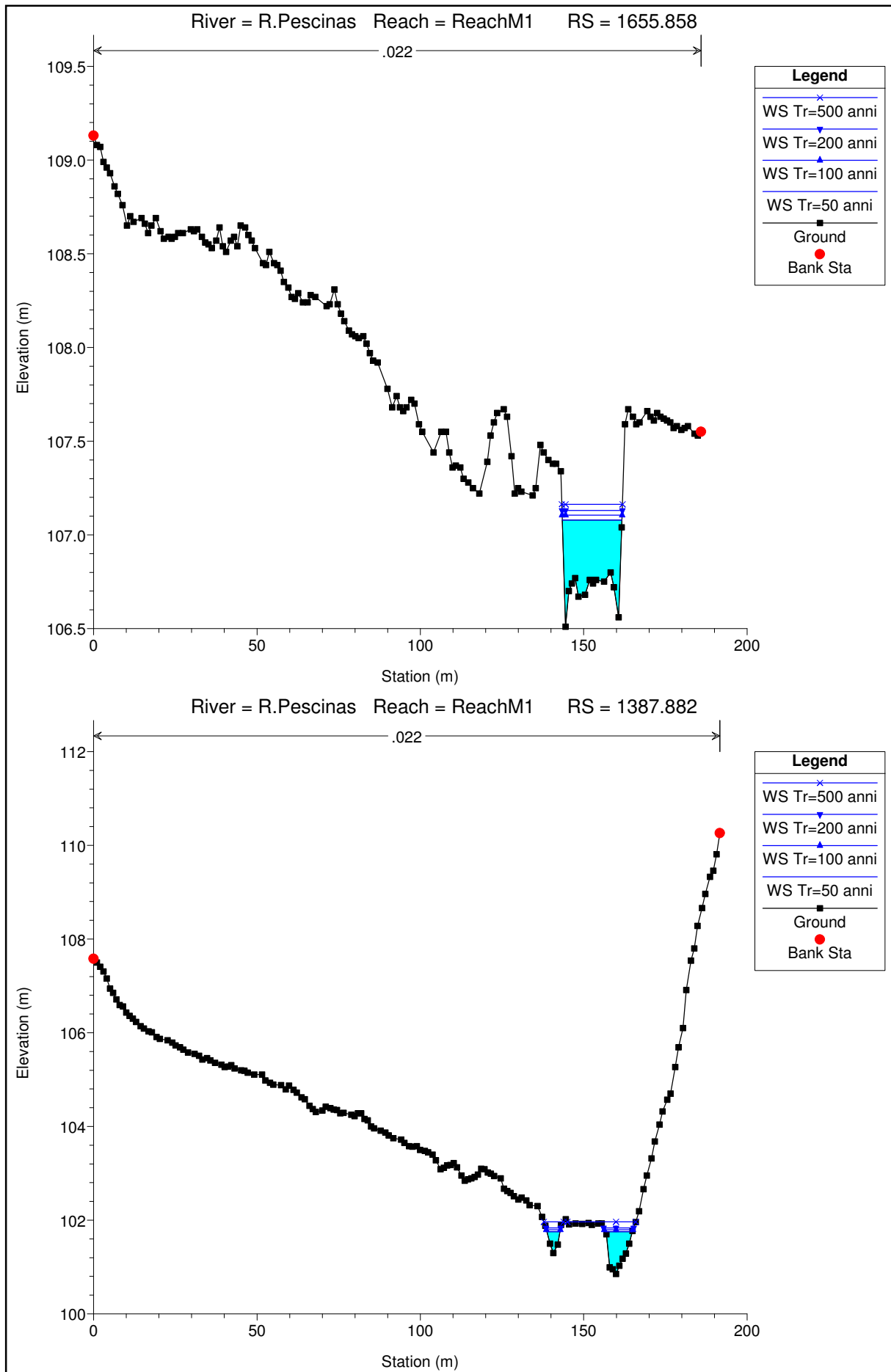
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1655.858	Tr=50 anni	11.94	106.51	107.08	107.26	0.007115	1.88	6.36	18.28	143.43	161.71
ReachM1	1655.858	Tr=100 anni	13.29	106.51	107.11	107.30	0.006920	1.94	6.86	18.38	143.38	161.76
ReachM1	1655.858	Tr=200 anni	14.66	106.51	107.13	107.33	0.006800	2.00	7.33	18.47	143.34	161.81
ReachM1	1655.858	Tr=500 anni	16.50	106.51	107.16	107.38	0.006691	2.08	7.93	18.58	143.28	161.86
ReachM1	1637.121	Tr=50 anni	11.94	105.63	106.07	106.87	0.096248	3.96	3.02	20.14	167.91	188.05
ReachM1	1637.121	Tr=100 anni	13.29	105.63	106.08	106.91	0.089646	4.04	3.29	20.21	167.86	188.07
ReachM1	1637.121	Tr=200 anni	14.66	105.63	106.10	106.96	0.084458	4.12	3.56	20.28	167.82	188.10
ReachM1	1637.121	Tr=500 anni	16.50	105.63	106.11	107.02	0.078750	4.22	3.91	20.36	167.76	188.12
ReachM1	1595.167	Tr=50 anni	11.94	105.03	105.77	105.91	0.008329	1.63	7.32	29.20	80.76	145.21
ReachM1	1595.167	Tr=100 anni	13.29	105.03	105.81	105.94	0.007568	1.59	8.38	32.46	79.96	145.27
ReachM1	1595.167	Tr=200 anni	14.66	105.03	105.85	105.96	0.009143	1.42	10.31	54.48	59.84	145.35
ReachM1	1595.167	Tr=500 anni	16.50	105.03	105.87	105.98	0.009346	1.46	11.27	57.98	59.70	145.38
ReachM1	1534.651	Tr=50 anni	11.94	103.31	104.14	104.96	0.035157	4.00	2.98	8.97	90.78	139.47
ReachM1	1534.651	Tr=100 anni	13.29	103.31	104.18	105.02	0.034253	4.07	3.27	9.42	90.70	139.54
ReachM1	1534.651	Tr=200 anni	14.66	103.31	104.23	104.99	0.028281	3.87	3.79	10.19	90.57	139.67
ReachM1	1534.651	Tr=500 anni	16.50	103.31	104.28	105.03	0.025982	3.85	4.28	10.86	90.45	139.78
ReachM1	1438.024	Tr=50 anni	11.94	101.80	102.23	102.46	0.017490	2.08	5.73	27.96	96.19	138.72
ReachM1	1438.024	Tr=100 anni	13.29	101.80	102.25	102.49	0.018128	2.19	6.08	28.27	96.15	138.93
ReachM1	1438.024	Tr=200 anni	14.66	101.80	102.25	102.53	0.020518	2.36	6.22	28.41	96.13	139.01
ReachM1	1438.024	Tr=500 anni	16.50	101.80	102.26	102.59	0.022183	2.51	6.57	28.88	96.09	139.37
ReachM1	1387.882	Tr=50 anni	11.94	100.85	101.75	101.99	0.006637	2.14	5.58	12.27	138.72	164.85
ReachM1	1387.882	Tr=100 anni	13.29	100.85	101.80	102.04	0.006480	2.17	6.14	13.01	138.56	165.05
ReachM1	1387.882	Tr=200 anni	14.66	100.85	101.83	102.08	0.006533	2.22	6.62	13.64	138.43	165.24
ReachM1	1387.882	Tr=500 anni	16.50	100.85	101.97	102.14	0.007088	1.82	9.05	27.01	137.80	165.94
ReachM1	1338.142	Tr=50 anni	11.94	99.37	99.74	101.02	0.118854	5.01	2.38	13.13	175.19	188.32
ReachM1	1338.142	Tr=100 anni	13.29	99.37	99.76	101.09	0.113228	5.11	2.60	13.38	175.14	188.52
ReachM1	1338.142	Tr=200 anni	14.66	99.37	99.77	101.14	0.107329	5.17	2.83	13.75	175.08	188.84
ReachM1	1338.142	Tr=500 anni	16.50	99.37	99.80	101.15	0.095051	5.14	3.21	14.37	175.00	189.37
ReachM1	1288.167	Tr=50 anni	11.94	98.39	98.81	99.01	0.015568	1.99	6.00	28.72	109.34	141.07
ReachM1	1288.167	Tr=100 anni	13.29	98.39	98.83	99.05	0.016214	2.09	6.36	29.23	109.31	141.16
ReachM1	1288.167	Tr=200 anni	14.66	98.39	98.84	99.08	0.016738	2.18	6.73	29.78	109.28	141.25
ReachM1	1288.167	Tr=500 anni	16.50	98.39	98.85	99.12	0.017325	2.28	7.22	30.49	109.24	141.37
ReachM1	1231.413	Tr=50 anni	11.94	97.90	98.49	98.67	0.006996	1.90	6.28	17.40	177.05	211.17
ReachM1	1231.413	Tr=100 anni	13.29	97.90	98.52	98.71	0.006886	1.95	6.83	18.06	176.68	211.36
ReachM1	1231.413	Tr=200 anni	14.66	97.90	98.55	98.75	0.006757	1.98	7.39	18.70	176.33	211.54
ReachM1	1231.413	Tr=500 anni	16.50	97.90	98.59	98.80	0.006694	2.04	8.09	19.47	175.90	211.75
ReachM1	1204.941	Tr=50 anni	11.94	97.25	97.78	98.35	0.018267	3.36	3.55	8.61	133.97	142.58
ReachM1	1204.941	Tr=100 anni	13.29	97.25	97.82	98.40	0.016820	3.39	3.92	8.83	133.84	142.67
ReachM1	1204.941	Tr=200 anni	14.66	97.25	97.86	98.45	0.015442	3.40	4.31	9.02	133.73	142.75
ReachM1	1204.941	Tr=500 anni	16.50	97.25	97.92	98.51	0.013983	3.42	4.83	9.30	133.59	142.90
ReachM1	1163.621	Tr=50 anni	11.94	96.64	97.28	97.52	0.017251	2.16	5.53	25.27	125.60	150.87
ReachM1	1163.621	Tr=100 anni	13.29	96.64	97.29	97.56	0.019505	2.34	5.69	25.31	125.59	150.89
ReachM1	1163.621	Tr=200 anni	14.66	96.64	97.29	97.61	0.021943	2.51	5.83	25.34	125.58	150.91
ReachM1	1163.621	Tr=500 anni	16.50	96.64	97.30	97.69	0.025756	2.77	5.97	25.37	125.57	150.93
ReachM1	1081.313	Tr=50 anni	11.94	95.41	96.11	96.35	0.011786	2.19	5.45	18.07	73.36	108.87
ReachM1	1081.313	Tr=100 anni	13.29	95.41	96.14	96.39	0.010798	2.18	6.10	19.11	72.66	109.05
ReachM1	1081.313	Tr=200 anni	14.66	95.41	96.18	96.42	0.009977	2.17	6.76	20.11	71.99	109.22
ReachM1	1081.313	Tr=500 anni	16.50	95.41	96.22	96.46	0.009162	2.16	7.63	21.33	71.15	109.43
ReachM1	1035.523	Tr=50 anni	11.94	95.11	95.66	95.84	0.009807	1.87	6.38	23.68	82.86	106.54
ReachM1	1035.523	Tr=100 anni	13.29	95.11	95.67	95.88	0.010798	2.01	6.62	23.79	82.77	106.56
ReachM1	1035.523	Tr=200 anni	14.66	95.11	95.68	95.92	0.012009	2.15	6.81	23.88	82.70	106.58
ReachM1	1035.523	Tr=500 anni	16.50	95.11	95.70	95.96	0.012816	2.26	7.31	25.04	79.95	106.63
ReachM1	984.464	Tr=50 anni	18.09	93.88	94.69	95.00	0.024834	2.49	7.27	35.20	80.02	118.09
ReachM1	984.464	Tr=100 anni	20.13	93.88	94.71	95.02	0.023389	2.49	8.10	37.60	79.82	118.14
ReachM1	984.464	Tr=200 anni	22.20	93.88	94.73	95.05	0.021898	2.51	8.84	38.52	79.66	118.18
ReachM1	984.464	Tr=500 anni	24.99	93.88	94.75	95.09	0.020871	2.59	9.66	38.76	79.49	118.24
ReachM1	931.5598	Tr=50 anni	18.09	92.31	93.37	94.04	0.013008	3.62	5.00	8.25	136.04	144.28
ReachM1	931.5598	Tr=100 anni	20.13	92.31	93.43	94.11	0.012289	3.66	5.51	8.56	135.83	144.39
ReachM1	931.5598	Tr=200 anni	22.20	92.31	93.49	94.19	0.011713	3.69	6.01	8.86	135.63	144.49
ReachM1	931.5598	Tr=500 anni	24.99	92.31	93.65	94.19	0.013520	3.27	7.65	15.29	126.56	144.76
ReachM1	877.5027	Tr=50 anni	18.09	92.03	93.18	93.50	0.006800	2.52	7.19	12.71	118.74	131.45
ReachM1	877.5027	Tr=100 anni	20.13	92.03	93.27	93.56	0.006020	2.37	8.48	14.98	116.59	131.58
ReachM1	877.5027	Tr=200 anni	22.20	92.03	93.35	93.61	0.006358	2.27	9.78	19.29	112.39	131.68
ReachM1	877.5027	Tr=500 anni	24.99	92.03	93.44	93.67	0.006166	2.13	11.75	25.10	102.28	131.80

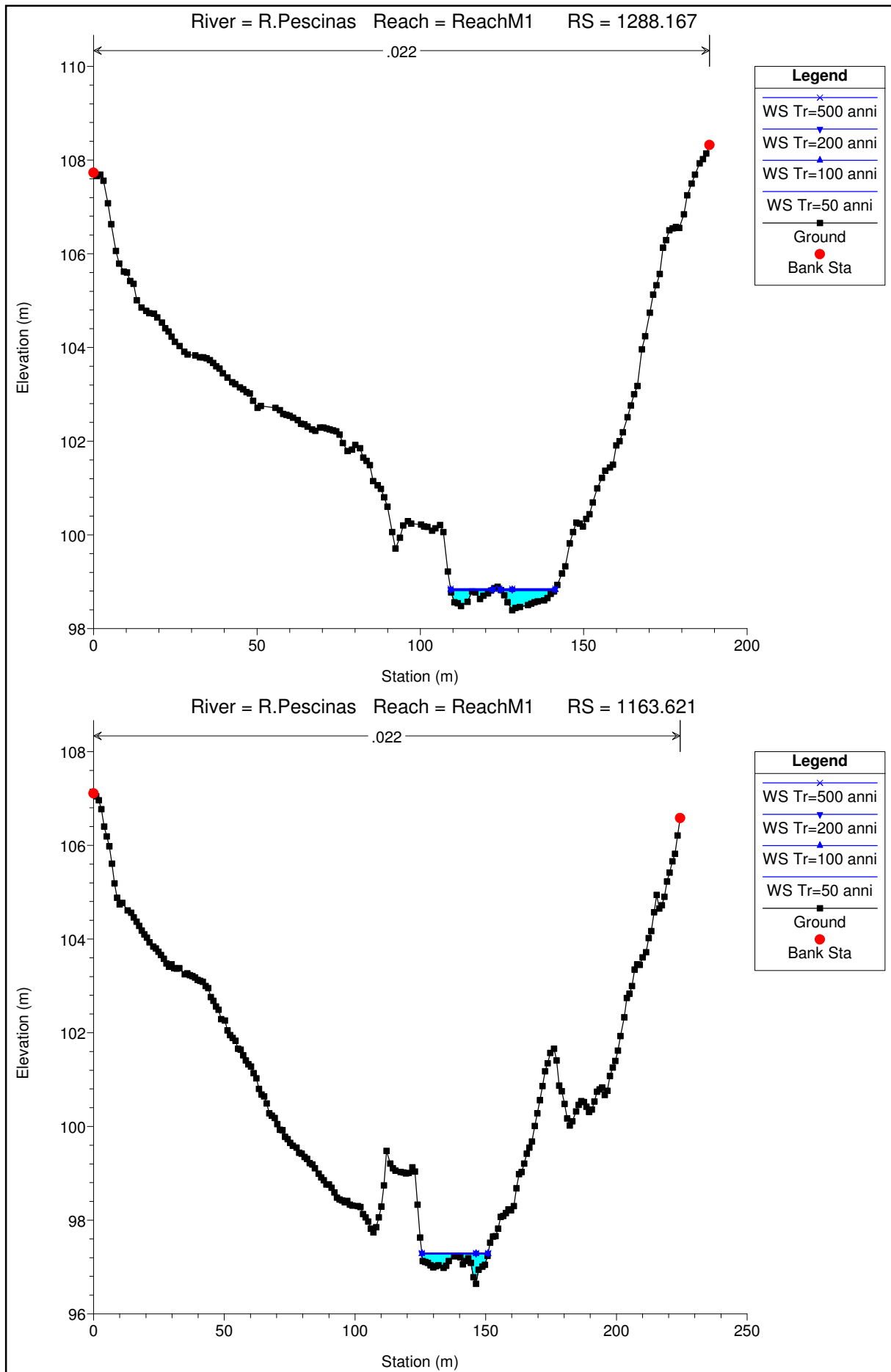
HEC-RAS Plan: n_mod River: R.Pescinas Reach: ReachM1 (Continued)

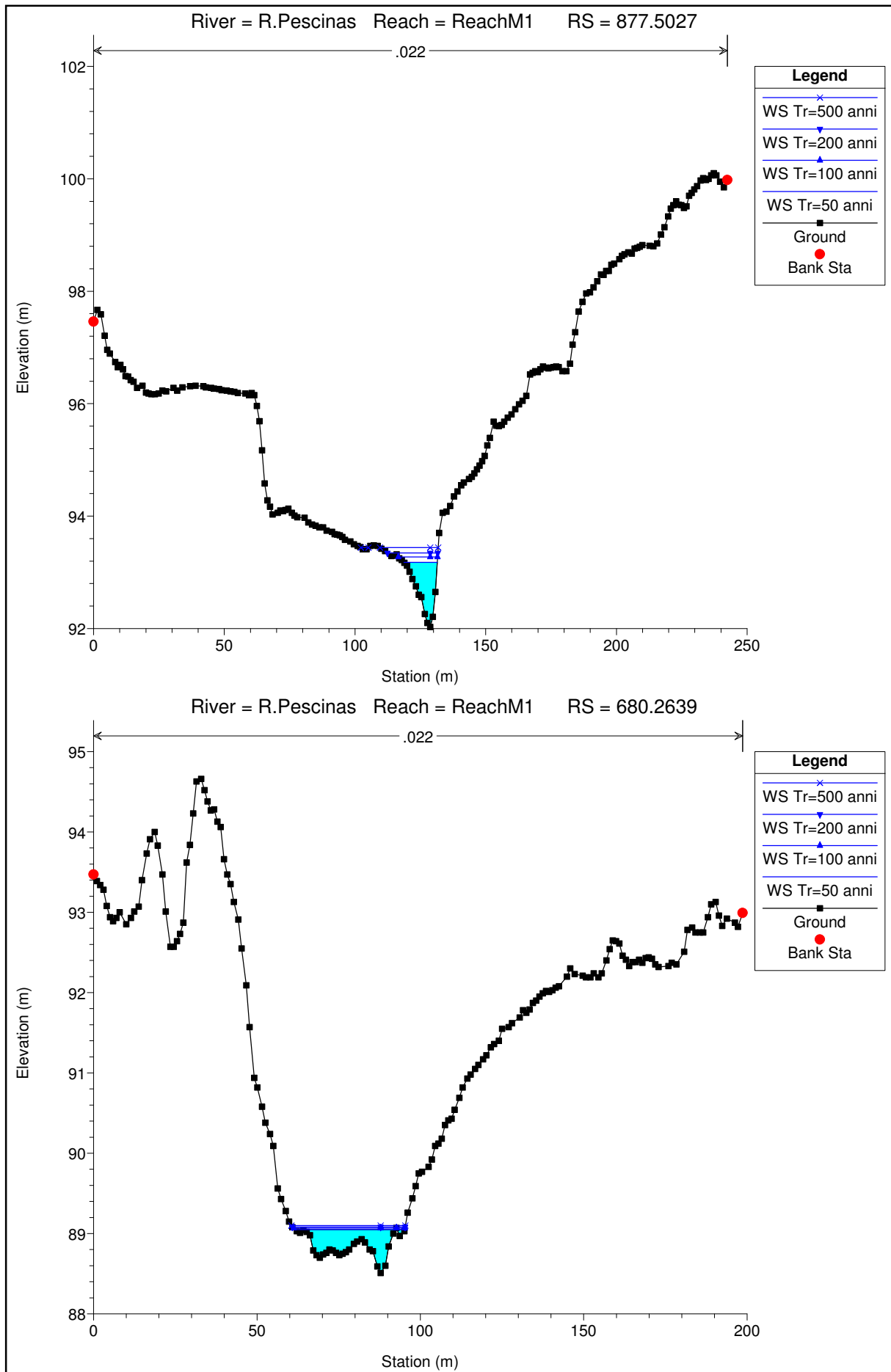
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	845.4786	Tr=50 anni	18.09	91.53	92.48	93.11	0.022235	3.52	5.14	13.55	91.03	104.58
ReachM1	845.4786	Tr=100 anni	20.13	91.53	92.51	93.18	0.022851	3.64	5.52	14.09	90.95	105.04
ReachM1	845.4786	Tr=200 anni	22.20	91.53	92.55	93.22	0.021988	3.65	6.08	15.06	90.87	105.94
ReachM1	845.4786	Tr=500 anni	24.99	91.53	92.59	93.28	0.022011	3.70	6.76	16.42	90.80	107.22
ReachM1	797.1746	Tr=50 anni	18.09	90.98	91.46	91.95	0.024049	3.11	5.81	19.65	113.94	133.59
ReachM1	797.1746	Tr=100 anni	20.13	90.98	91.48	92.01	0.023863	3.24	6.22	19.74	113.90	133.65
ReachM1	797.1746	Tr=200 anni	22.20	90.98	91.50	92.08	0.024307	3.38	6.57	19.82	113.87	133.69
ReachM1	797.1746	Tr=500 anni	24.99	90.98	91.52	92.15	0.024002	3.52	7.10	19.95	113.82	133.76
ReachM1	757.3144	Tr=50 anni	18.09	90.11	90.69	91.07	0.018928	2.74	6.59	22.58	122.82	145.40
ReachM1	757.3144	Tr=100 anni	20.13	90.11	90.71	91.12	0.019289	2.86	7.04	22.96	122.53	145.49
ReachM1	757.3144	Tr=200 anni	22.20	90.11	90.73	91.17	0.019414	2.96	7.50	23.34	122.23	145.57
ReachM1	757.3144	Tr=500 anni	24.99	90.11	90.75	91.24	0.019925	3.10	8.05	23.79	121.88	145.67
ReachM1	717.8812	Tr=50 anni	18.09	89.37	89.82	90.25	0.022431	2.91	6.22	22.15	109.13	132.02
ReachM1	717.8812	Tr=100 anni	20.13	89.37	89.85	90.30	0.022682	2.98	6.76	23.50	108.73	132.23
ReachM1	717.8812	Tr=200 anni	22.20	89.37	89.87	90.35	0.022585	3.06	7.24	24.02	108.39	132.42
ReachM1	717.8812	Tr=500 anni	24.99	89.37	89.90	90.40	0.022908	3.14	7.96	25.72	104.93	132.68
ReachM1	680.2639	Tr=50 anni	18.09	88.51	89.05	89.37	0.022976	2.50	7.25	33.11	61.62	95.20
ReachM1	680.2639	Tr=100 anni	20.13	88.51	89.07	89.41	0.022967	2.58	7.81	34.08	61.14	95.27
ReachM1	680.2639	Tr=200 anni	22.20	88.51	89.08	89.45	0.023524	2.68	8.27	34.55	60.78	95.33
ReachM1	680.2639	Tr=500 anni	24.99	88.51	89.10	89.50	0.023249	2.79	8.95	34.91	60.51	95.42
ReachM1	652.1753	Tr=50 anni	18.09	87.57	88.26	88.67	0.025902	2.85	6.34	25.87	62.02	87.90
ReachM1	652.1753	Tr=100 anni	20.13	87.57	88.28	88.72	0.025184	2.94	6.84	26.11	61.97	88.08
ReachM1	652.1753	Tr=200 anni	22.20	87.57	88.30	88.76	0.024503	3.02	7.34	26.35	61.91	88.26
ReachM1	652.1753	Tr=500 anni	24.99	87.57	88.32	88.82	0.023992	3.14	7.97	26.65	61.83	88.48
ReachM1	626.538	Tr=50 anni	18.09	86.47	87.08	87.78	0.045971	3.69	4.90	20.90	68.11	89.01
ReachM1	626.538	Tr=100 anni	20.13	86.47	87.10	87.84	0.045057	3.81	5.28	21.17	68.05	89.23
ReachM1	626.538	Tr=200 anni	22.20	86.47	87.12	87.90	0.044266	3.92	5.66	21.44	68.00	89.43
ReachM1	626.538	Tr=500 anni	24.99	86.47	87.14	87.98	0.043089	4.05	6.17	21.79	67.92	89.71
ReachM1	600.0701	Tr=50 anni	18.09	85.50	86.13	86.57	0.040047	2.93	6.18	33.72	59.72	94.70
ReachM1	600.0701	Tr=100 anni	20.13	85.50	86.14	86.62	0.041515	3.06	6.58	34.51	59.42	94.83
ReachM1	600.0701	Tr=200 anni	22.20	85.50	86.15	86.67	0.043138	3.17	7.00	35.84	59.12	94.96
ReachM1	600.0701	Tr=500 anni	24.99	85.50	86.17	86.73	0.045182	3.33	7.50	36.91	58.20	95.12
ReachM1	555.1849	Tr=50 anni	18.09	84.10	84.76	85.21	0.023707	2.95	6.12	22.19	109.10	131.28
ReachM1	555.1849	Tr=100 anni	20.13	84.10	84.78	85.25	0.023147	3.04	6.62	22.58	108.95	131.53
ReachM1	555.1849	Tr=200 anni	22.20	84.10	84.81	85.30	0.022506	3.10	7.17	23.25	102.41	131.78
ReachM1	555.1849	Tr=500 anni	24.99	84.10	84.84	85.34	0.021984	3.15	7.94	24.68	102.03	132.00
ReachM1	516.1923	Tr=50 anni	18.09	83.24	83.70	84.16	0.030761	2.99	6.05	26.25	82.29	108.54
ReachM1	516.1923	Tr=100 anni	20.13	83.24	83.72	84.21	0.031150	3.11	6.47	26.69	81.97	108.66
ReachM1	516.1923	Tr=200 anni	22.20	83.24	83.73	84.26	0.031414	3.23	6.87	26.94	81.83	108.77
ReachM1	516.1923	Tr=500 anni	24.99	83.24	83.75	84.33	0.031066	3.36	7.43	27.29	81.74	109.03
ReachM1	480.8413	Tr=50 anni	18.09	81.75	82.17	82.85	0.043329	3.65	4.96	20.58	65.32	85.90
ReachM1	480.8413	Tr=100 anni	20.13	81.75	82.19	82.91	0.042667	3.74	5.38	21.30	65.25	86.55
ReachM1	480.8413	Tr=200 anni	22.20	81.75	82.21	82.96	0.041894	3.85	5.77	21.62	65.19	86.80
ReachM1	480.8413	Tr=500 anni	24.99	81.75	82.23	83.04	0.041260	3.98	6.27	22.02	65.10	87.13
ReachM1	437.5128	Tr=50 anni	18.09	79.99	80.62	81.28	0.030726	3.59	5.04	16.60	56.72	73.32
ReachM1	437.5128	Tr=100 anni	20.13	79.99	80.64	81.35	0.030618	3.73	5.40	16.73	56.67	73.41
ReachM1	437.5128	Tr=200 anni	22.20	79.99	80.66	81.42	0.030621	3.86	5.75	16.86	56.62	73.49
ReachM1	437.5128	Tr=500 anni	24.99	79.99	80.69	81.51	0.030420	4.03	6.21	17.04	56.56	73.60
ReachM1	375.9363	Tr=50 anni	18.09	77.68	78.27	79.01	0.044486	3.82	4.73	18.75	59.84	78.60
ReachM1	375.9363	Tr=100 anni	20.13	77.68	78.28	79.09	0.044497	3.97	5.07	19.00	59.78	78.78
ReachM1	375.9363	Tr=200 anni	22.20	77.68	78.30	79.16	0.044455	4.10	5.41	19.24	59.72	78.96
ReachM1	375.9363	Tr=500 anni	24.99	77.68	78.32	79.26	0.044644	4.28	5.84	19.53	59.64	79.18
ReachM1	317.0488	Tr=50 anni	18.09	76.06	76.85	77.21	0.019913	2.69	6.73	24.58	73.23	102.12
ReachM1	317.0488	Tr=100 anni	20.13	76.06	76.87	77.25	0.020398	2.74	7.35	26.66	73.06	102.29
ReachM1	317.0488	Tr=200 anni	22.20	76.06	76.89	77.29	0.020878	2.80	7.94	28.34	72.95	102.44
ReachM1	317.0488	Tr=500 anni	24.99	76.06	76.91	77.35	0.021397	2.92	8.56	29.24	72.83	102.70
ReachM1	274.8454	Tr=50 anni	18.09	74.82	75.43	76.08	0.036063	3.57	5.06	18.93	56.49	75.41
ReachM1	274.8454	Tr=100 anni	20.13	74.82	75.46	76.13	0.033839	3.64	5.54	19.22	56.30	75.51
ReachM1	274.8454	Tr=200 anni	22.20	74.82	75.48	76.18	0.032345	3.69	6.01	19.71	55.91	75.61
ReachM1	274.8454	Tr=500 anni	24.99	74.82	75.51	76.24	0.031060	3.78	6.62	20.33	55.40	75.73
ReachM1	225.2578	Tr=50 anni	18.09	73.71	74.29	74.68	0.020609	2.78	6.51	23.35	61.52	84.87
ReachM1	225.2578	Tr=100 anni	20.13	73.71	74.30	74.74	0.021513	2.93	6.87	23.50	61.44	84.94
ReachM1	225.2578	Tr=200 anni	22.20	73.71	74.32	74.80	0.022092	3.06	7.25	23.66	61.35	85.01
ReachM1	225.2578	Tr=500 anni	24.99	73.71	74.35	74.84	0.023313	3.09	8.08	27.05	55.89	85.17

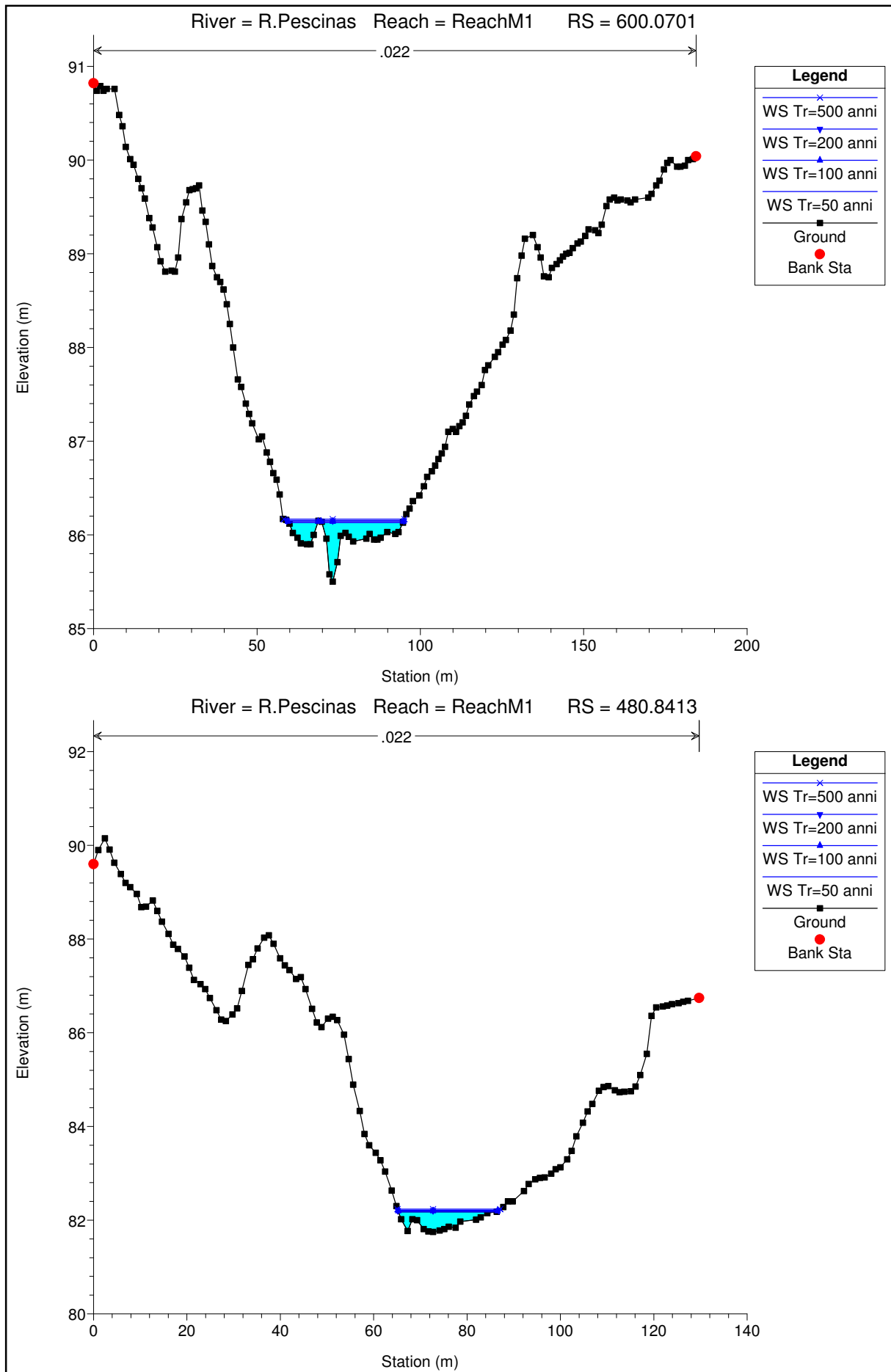
HEC-RAS Plan: n_mod River: R.Pescinas Reach: ReachM1 (Continued)

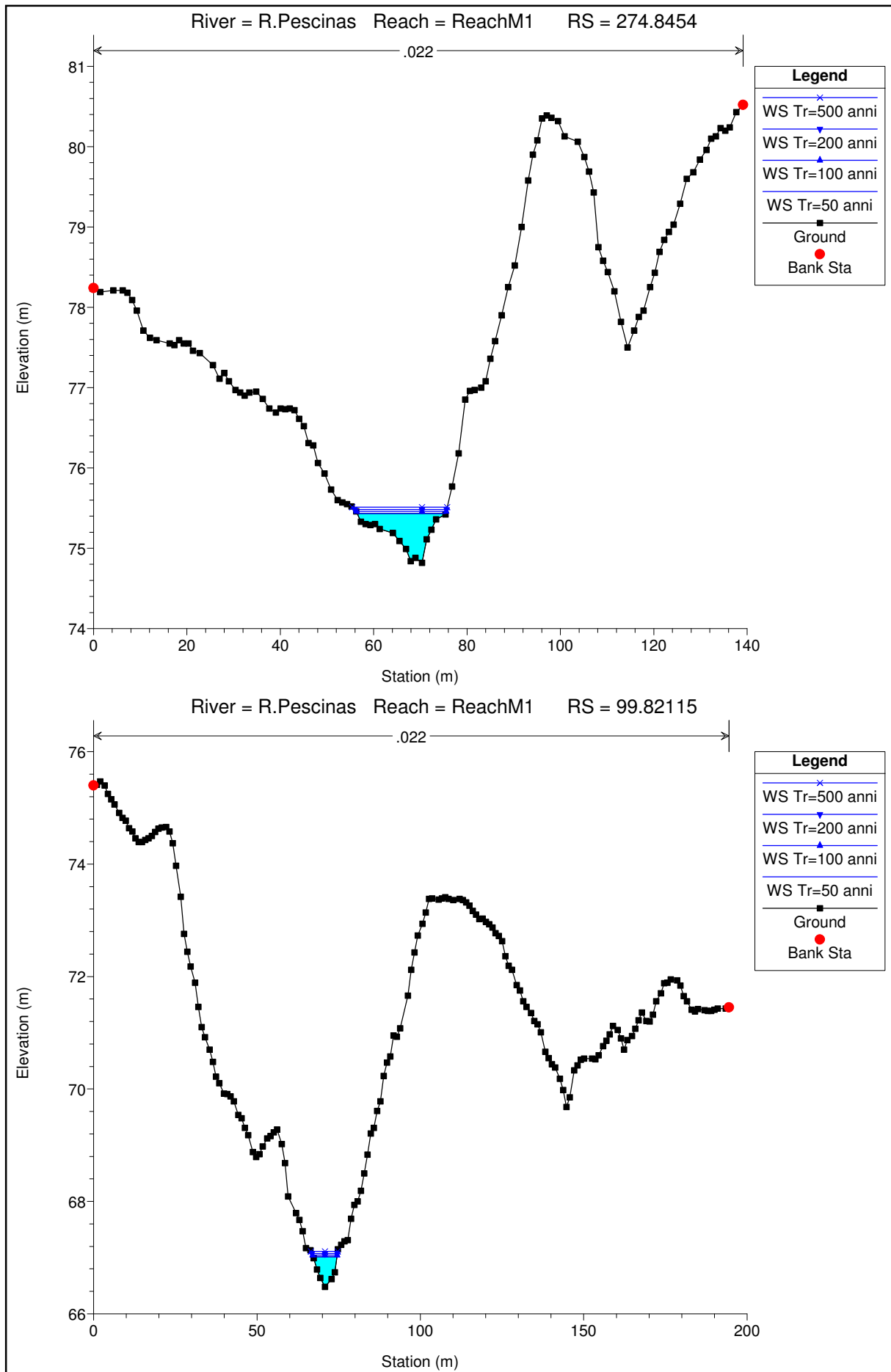
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	126.2527	Tr=50 anni	18.09	69.64	70.46	71.74	0.043012	5.02	3.60	8.93	43.71	52.64
ReachM1	126.2527	Tr=100 anni	20.13	69.64	70.50	71.81	0.040142	5.08	3.96	9.15	43.62	52.77
ReachM1	126.2527	Tr=200 anni	22.20	69.64	70.53	71.89	0.038124	5.16	4.31	9.36	43.53	52.88
ReachM1	126.2527	Tr=500 anni	24.99	69.64	70.59	71.96	0.034676	5.20	4.81	9.60	43.40	52.99
ReachM1	99.82115	Tr=50 anni	18.09	66.48	67.02	69.83	0.117164	7.43	2.44	7.28	67.20	74.47
ReachM1	99.82115	Tr=100 anni	20.13	66.48	67.05	69.98	0.114709	7.58	2.65	7.56	66.99	74.54
ReachM1	99.82115	Tr=200 anni	22.20	66.48	67.07	70.11	0.112177	7.72	2.87	7.83	66.78	74.61
ReachM1	99.82115	Tr=500 anni	24.99	66.48	67.11	70.28	0.109294	7.89	3.17	8.18	66.52	74.70
ReachM1	73.75563	Tr=50 anni	18.09	57.88	58.53	65.28	0.228875	11.51	1.57	3.77	59.35	63.12
ReachM1	73.75563	Tr=100 anni	20.13	57.88	58.57	65.53	0.220880	11.69	1.72	3.92	59.25	63.17
ReachM1	73.75563	Tr=200 anni	22.20	57.88	58.61	65.77	0.213710	11.85	1.87	4.07	59.15	63.22
ReachM1	73.75563	Tr=500 anni	24.99	57.88	58.66	66.05	0.205616	12.05	2.07	4.27	59.03	63.30
ReachM1	50.32881	Tr=50 anni	18.09	57.71	58.42	60.44	0.101293	6.29	2.88	9.58	66.76	76.34
ReachM1	50.32881	Tr=100 anni	20.13	57.71	58.44	60.67	0.104887	6.61	3.04	9.63	66.73	76.36
ReachM1	50.32881	Tr=200 anni	22.20	57.71	58.46	60.89	0.107905	6.92	3.21	9.69	66.69	76.38
ReachM1	50.32881	Tr=500 anni	24.99	57.71	58.48	61.19	0.111044	7.29	3.43	9.77	66.64	76.40
ReachM1	14.86151	Tr=50 anni	18.09	52.84	53.30	56.10	0.144593	7.41	2.44	8.59	63.50	72.09
ReachM1	14.86151	Tr=100 anni	20.13	52.84	53.32	56.30	0.141551	7.64	2.63	8.72	63.43	72.15
ReachM1	14.86151	Tr=200 anni	22.20	52.84	53.34	56.49	0.139359	7.86	2.82	8.84	63.36	72.20
ReachM1	14.86151	Tr=500 anni	24.99	52.84	53.37	56.75	0.137380	8.15	3.07	9.00	63.28	72.27



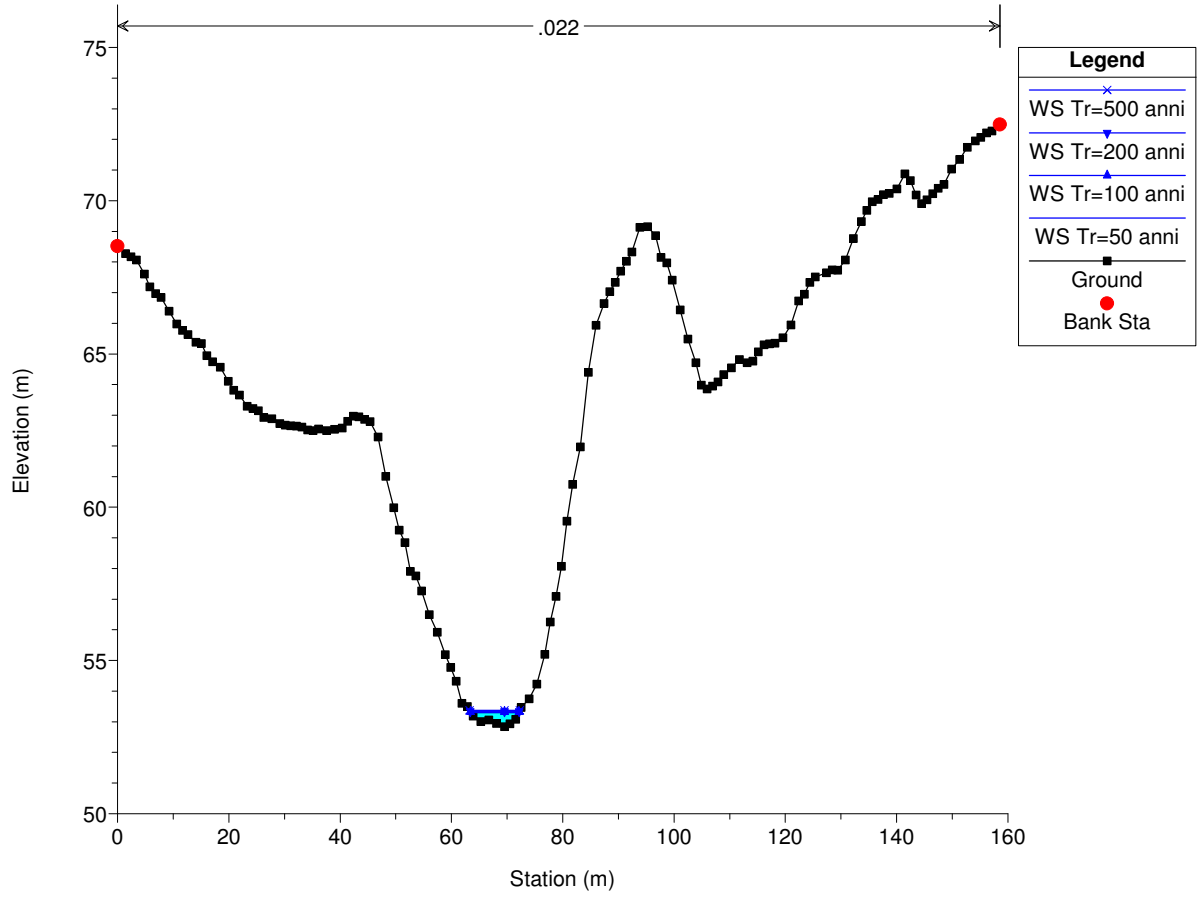


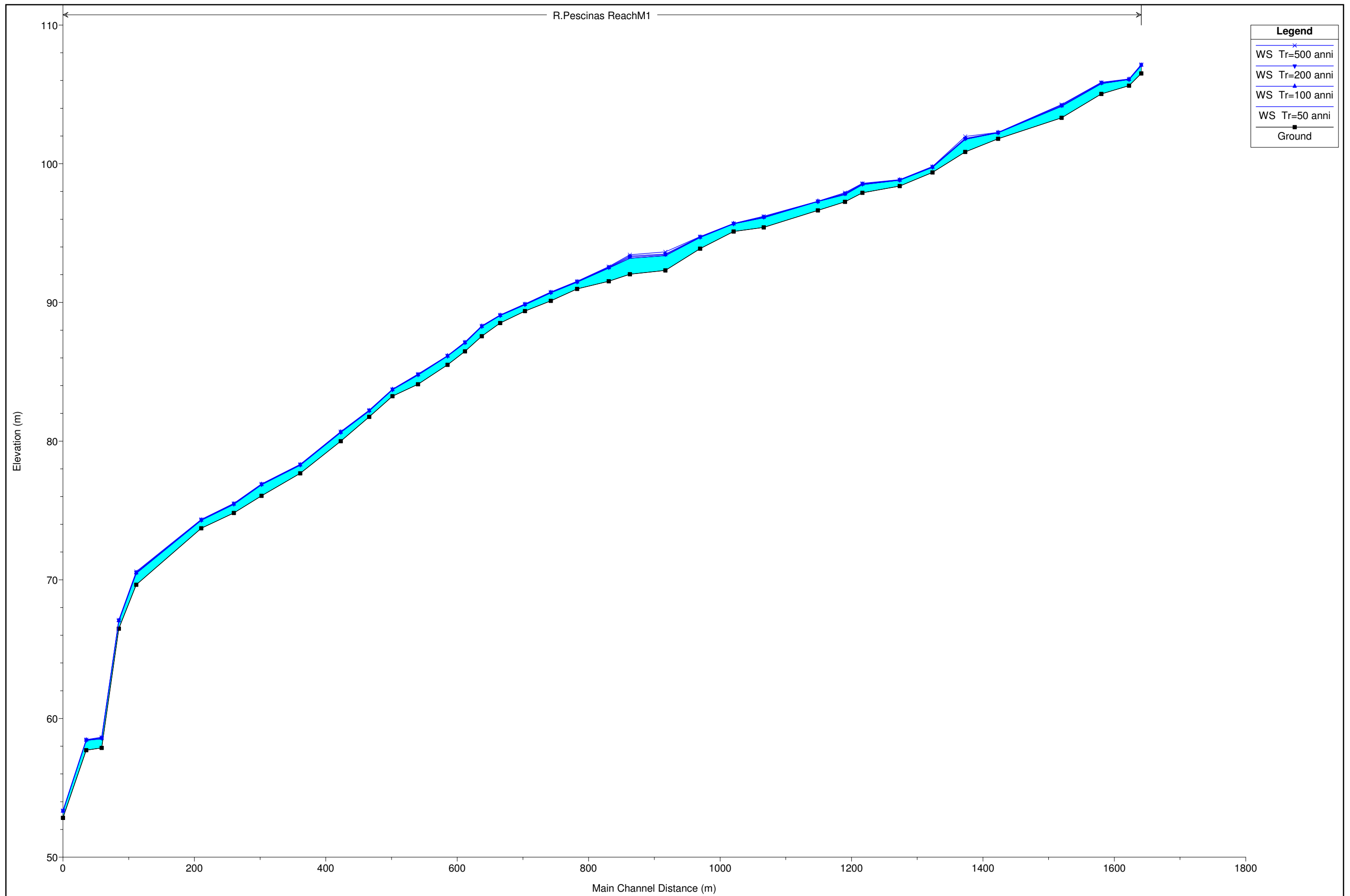


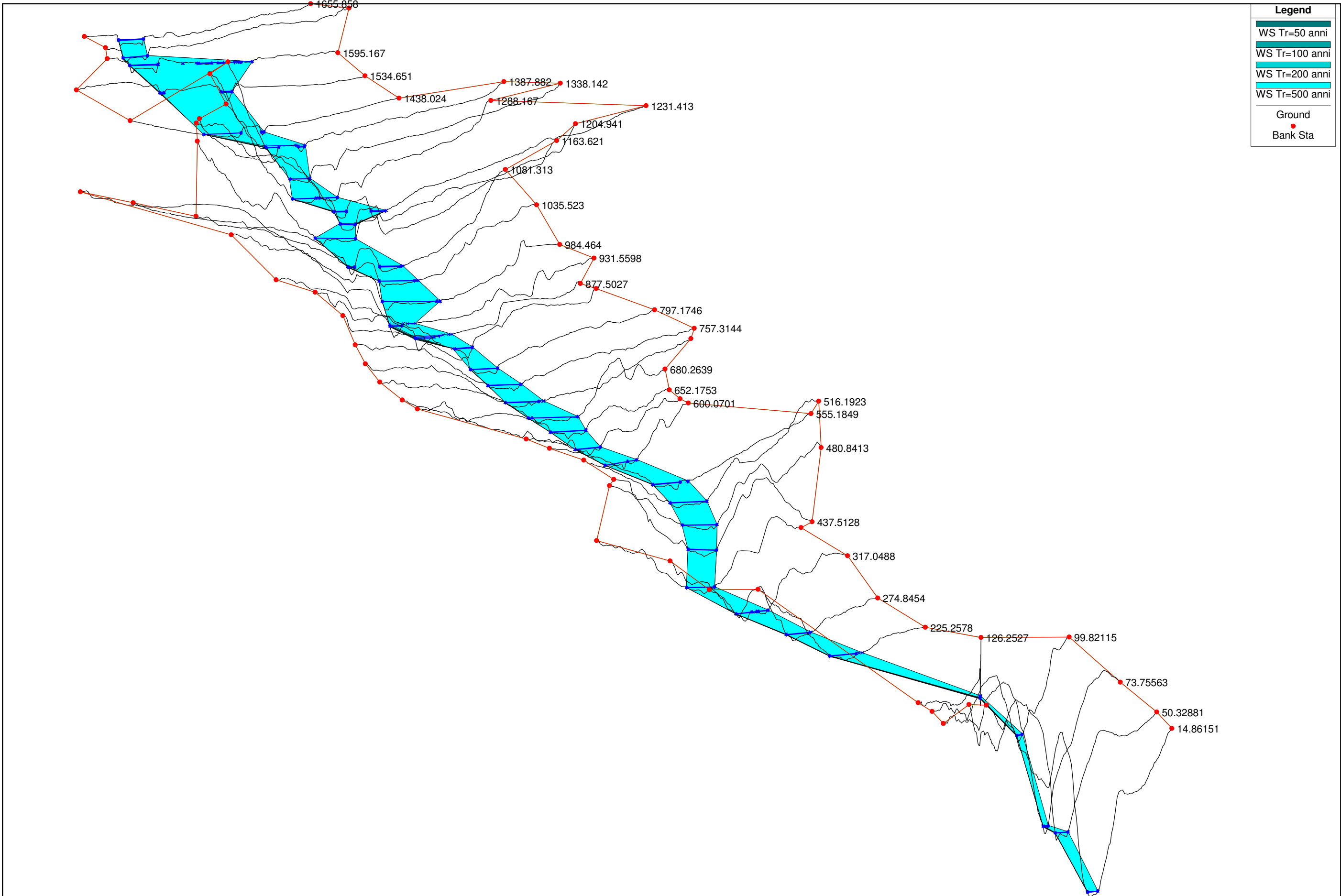




River = R.Pescinas Reach = ReachM1 RS = 14.86151







Legend

- WS Tr=50 anni
- WS Tr=100 anni
- WS Tr=200 anni
- WS Tr=500 anni
- Ground
- Bank Sta

N - Bacino Rio Sturruliu

Rio Sturruliu

HEC-RAS Plan: n_mod River: R.Sturruiliu Reach: ReachM1

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	3841.924	Tr=50 anni	12.15	146.80	147.47	147.56	0.008851	1.33	9.17	53.02	72.79	137.76
ReachM1	3841.924	Tr=100 anni	13.47	146.80	147.49	147.58	0.008916	1.34	10.05	57.39	72.63	137.91
ReachM1	3841.924	Tr=200 anni	14.79	146.80	147.50	147.59	0.008751	1.33	11.14	63.73	71.30	138.07
ReachM1	3841.924	Tr=500 anni	16.57	146.80	147.52	147.61	0.008547	1.36	12.21	66.40	70.97	138.74
ReachM1	3794.021	Tr=50 anni	12.15	144.73	144.97	146.25	0.231519	5.03	2.42	21.89	77.55	109.85
ReachM1	3794.021	Tr=100 anni	13.47	144.73	144.98	146.27	0.220299	5.04	2.67	23.18	74.65	109.92
ReachM1	3794.021	Tr=200 anni	14.79	144.73	144.99	146.31	0.217109	5.09	2.90	24.59	74.59	109.99
ReachM1	3794.021	Tr=500 anni	16.57	144.73	145.00	146.35	0.214667	5.15	3.22	26.55	74.51	110.07
ReachM1	3744.911	Tr=50 anni	12.15	142.72	143.03	143.18	0.024436	1.71	7.10	59.91	44.39	117.78
ReachM1	3744.911	Tr=100 anni	13.47	142.72	143.04	143.20	0.024837	1.78	7.55	60.70	44.33	117.97
ReachM1	3744.911	Tr=200 anni	14.79	142.72	143.04	143.22	0.025078	1.85	8.00	61.34	44.27	118.15
ReachM1	3744.911	Tr=500 anni	16.57	142.72	143.05	143.24	0.025369	1.93	8.57	62.06	38.35	118.39
ReachM1	3628.341	Tr=50 anni	12.15	138.01	138.31	138.84	0.061812	3.24	3.74	24.31	34.05	58.36
ReachM1	3628.341	Tr=100 anni	13.47	138.01	138.32	138.88	0.059781	3.31	4.07	25.06	33.93	58.99
ReachM1	3628.341	Tr=200 anni	14.79	138.01	138.33	138.91	0.058546	3.35	4.41	26.15	27.73	59.57
ReachM1	3628.341	Tr=500 anni	16.57	138.01	138.35	138.92	0.057831	3.35	4.94	29.09	26.96	60.22
ReachM1	3552.745	Tr=50 anni	12.15	136.54	136.80	136.87	0.012880	1.11	10.92	108.72	70.44	223.46
ReachM1	3552.745	Tr=100 anni	13.47	136.54	136.81	136.88	0.013268	1.17	11.56	109.89	70.29	223.49
ReachM1	3552.745	Tr=200 anni	14.79	136.54	136.81	136.89	0.013553	1.21	12.20	111.04	70.14	223.53
ReachM1	3552.745	Tr=500 anni	16.57	136.54	136.82	136.90	0.013695	1.27	13.09	112.64	69.94	223.57
ReachM1	3440.387	Tr=50 anni	12.15	133.12	133.45	134.01	0.067618	3.31	3.67	24.65	215.17	239.83
ReachM1	3440.387	Tr=100 anni	13.47	133.12	133.46	134.04	0.062260	3.35	4.02	25.02	215.01	240.03
ReachM1	3440.387	Tr=200 anni	14.79	133.12	133.48	134.06	0.058232	3.39	4.36	25.36	214.86	240.22
ReachM1	3440.387	Tr=500 anni	16.57	133.12	133.49	134.11	0.055194	3.47	4.78	25.77	214.68	240.45
ReachM1	3372.203	Tr=50 anni	12.15	131.38	132.06	132.38	0.011328	2.53	4.81	12.62	63.31	75.92
ReachM1	3372.203	Tr=100 anni	13.47	131.38	132.09	132.43	0.011515	2.61	5.17	13.11	63.03	76.14
ReachM1	3372.203	Tr=200 anni	14.79	131.38	132.11	132.48	0.011680	2.67	5.53	13.65	62.69	76.34
ReachM1	3372.203	Tr=500 anni	16.57	131.38	132.17	132.51	0.011884	2.59	6.39	16.77	59.98	76.75
ReachM1	3301.218	Tr=50 anni	12.15	130.30	130.58	130.94	0.046679	2.65	4.59	32.70	70.54	103.41
ReachM1	3301.218	Tr=100 anni	13.47	130.30	130.59	130.97	0.046437	2.74	4.91	33.06	70.46	103.52
ReachM1	3301.218	Tr=200 anni	14.79	130.30	130.60	131.01	0.045984	2.83	5.22	33.23	70.39	103.62
ReachM1	3301.218	Tr=500 anni	16.57	130.30	130.61	131.04	0.043815	2.91	5.69	33.50	70.28	103.78
ReachM1	3228.075	Tr=50 anni	12.15	129.09	129.42	129.58	0.009285	1.74	6.99	27.92	55.00	82.91
ReachM1	3228.075	Tr=100 anni	13.47	129.09	129.44	129.61	0.009339	1.81	7.44	28.11	54.94	83.05
ReachM1	3228.075	Tr=200 anni	14.79	129.09	129.45	129.63	0.009415	1.88	7.88	28.29	54.89	83.18
ReachM1	3228.075	Tr=500 anni	16.57	129.09	129.47	129.67	0.009623	1.97	8.41	28.53	54.82	83.35
ReachM1	3176.847	Tr=50 anni	12.15	127.86	128.08	128.59	0.054445	3.15	3.86	23.87	70.71	94.58
ReachM1	3176.847	Tr=100 anni	13.47	127.86	128.10	128.62	0.052478	3.21	4.19	24.43	70.32	94.75
ReachM1	3176.847	Tr=200 anni	14.79	127.86	128.11	128.65	0.050775	3.27	4.52	25.04	69.88	94.92
ReachM1	3176.847	Tr=500 anni	16.57	127.86	128.13	128.69	0.048295	3.33	4.98	25.86	69.28	95.14
ReachM1	3118.456	Tr=50 anni	12.15	125.26	125.66	125.89	0.037328	2.12	5.72	48.06	83.59	149.16
ReachM1	3118.456	Tr=100 anni	13.47	125.26	125.67	125.92	0.038610	2.23	6.04	48.39	83.51	149.27
ReachM1	3118.456	Tr=200 anni	14.79	125.26	125.68	125.95	0.039917	2.33	6.35	48.80	83.35	149.37
ReachM1	3118.456	Tr=500 anni	16.57	125.26	125.69	125.99	0.041809	2.46	6.73	49.30	83.15	149.49
ReachM1	3012.528	Tr=50 anni	12.15	121.77	122.38	122.79	0.023380	2.83	4.29	16.39	118.70	135.10
ReachM1	3012.528	Tr=100 anni	13.47	121.77	122.40	122.83	0.022606	2.91	4.64	16.61	118.55	135.16
ReachM1	3012.528	Tr=200 anni	14.79	121.77	122.42	122.87	0.021916	2.97	4.97	16.82	118.39	135.22
ReachM1	3012.528	Tr=500 anni	16.57	121.77	122.45	122.92	0.021063	3.05	5.42	17.10	118.20	135.30
ReachM1	2925.795	Tr=50 anni	12.15	117.49	117.80	119.09	0.093729	5.03	2.41	11.07	147.21	158.28
ReachM1	2925.795	Tr=100 anni	13.47	117.49	117.82	119.21	0.093975	5.22	2.58	11.23	147.13	158.35
ReachM1	2925.795	Tr=200 anni	14.79	117.49	117.83	119.30	0.094898	5.37	2.75	11.56	147.05	158.61
ReachM1	2925.795	Tr=500 anni	16.57	117.49	117.85	119.43	0.096068	5.55	2.98	12.01	146.94	158.95
ReachM1	2867.323	Tr=50 anni	12.15	114.86	115.30	115.76	0.033788	3.03	4.01	18.37	106.24	124.61
ReachM1	2867.323	Tr=100 anni	13.47	114.86	115.31	115.82	0.034457	3.15	4.28	18.69	106.10	124.78
ReachM1	2867.323	Tr=200 anni	14.79	114.86	115.32	115.87	0.034870	3.26	4.54	19.00	105.96	124.95
ReachM1	2867.323	Tr=500 anni	16.57	114.86	115.34	115.93	0.035358	3.38	4.90	19.62	105.57	125.19
ReachM1	2805.561	Tr=50 anni	12.15	113.54	113.91	114.12	0.019752	2.04	5.97	33.04	58.25	92.27
ReachM1	2805.561	Tr=100 anni	13.47	113.54	113.92	114.15	0.019874	2.11	6.37	33.53	58.08	92.34
ReachM1	2805.561	Tr=200 anni	14.79	113.54	113.93	114.17	0.020097	2.19	6.75	33.90	57.92	92.39
ReachM1	2805.561	Tr=500 anni	16.57	113.54	113.95	114.21	0.020321	2.26	7.32	35.37	56.77	92.48
ReachM1	2764.819	Tr=50 anni	27.94	112.28	112.73	113.08	0.027847	2.65	10.53	50.79	70.46	132.90
ReachM1	2764.819	Tr=100 anni	30.95	112.28	112.74	113.12	0.027434	2.73	11.33	51.70	70.34	132.99
ReachM1	2764.819	Tr=200 anni	34.00	112.28	112.76	113.15	0.027509	2.75	12.37	55.97	70.19	140.76
ReachM1	2764.819	Tr=500 anni	38.09	112.28	112.78	113.19	0.026881	2.83	13.47	57.42	70.04	140.87

HEC-RAS Plan: n_mod River: R.Sturruliu Reach: ReachM1 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	2687.111	Tr=50 anni	27.94	109.35	110.05	110.85	0.028464	3.98	7.02	18.59	38.43	67.41
ReachM1	2687.111	Tr=100 anni	30.95	109.35	110.08	110.91	0.028298	4.04	7.66	19.75	38.00	67.55
ReachM1	2687.111	Tr=200 anni	34.00	109.35	110.11	110.96	0.027678	4.07	8.36	20.98	37.55	67.69
ReachM1	2687.111	Tr=500 anni	38.09	109.35	110.15	111.02	0.027626	4.13	9.21	22.53	36.91	67.86
ReachM1	2615.46	Tr=50 anni	27.94	106.72	107.68	108.66	0.032364	4.40	6.35	15.94	51.44	67.38
ReachM1	2615.46	Tr=100 anni	30.95	106.72	107.71	108.74	0.031949	4.50	6.88	16.56	50.98	67.54
ReachM1	2615.46	Tr=200 anni	34.00	106.72	107.74	108.81	0.031697	4.59	7.40	17.15	50.53	67.69
ReachM1	2615.46	Tr=500 anni	38.09	106.72	107.78	108.90	0.031029	4.69	8.12	17.92	49.96	67.88
ReachM1	2563.537	Tr=50 anni	27.94	104.86	105.72	106.89	0.035331	4.79	5.83	13.70	66.06	79.76
ReachM1	2563.537	Tr=100 anni	30.95	104.86	105.75	106.98	0.034986	4.91	6.30	14.17	65.89	80.06
ReachM1	2563.537	Tr=200 anni	34.00	104.86	105.78	107.07	0.034663	5.03	6.76	14.58	65.74	80.32
ReachM1	2563.537	Tr=500 anni	38.09	104.86	105.82	107.19	0.034238	5.17	7.36	15.09	65.55	80.64
ReachM1	2513.971	Tr=50 anni	27.94	102.91	104.13	105.45	0.023798	5.09	5.49	8.53	60.74	69.27
ReachM1	2513.971	Tr=100 anni	30.95	102.91	104.19	105.56	0.023377	5.20	5.95	8.81	60.57	69.39
ReachM1	2513.971	Tr=200 anni	34.00	102.91	104.24	105.67	0.023022	5.31	6.40	9.08	60.42	69.50
ReachM1	2513.971	Tr=500 anni	38.09	102.91	104.30	105.81	0.022633	5.44	7.00	9.45	60.19	69.64
ReachM1	2464.387	Tr=50 anni	27.94	101.41	102.53	104.13	0.028695	5.60	4.99	7.65	60.94	68.59
ReachM1	2464.387	Tr=100 anni	30.95	101.41	102.58	104.26	0.028439	5.73	5.40	7.94	60.78	68.73
ReachM1	2464.387	Tr=200 anni	34.00	101.41	102.63	104.38	0.028197	5.86	5.81	8.22	60.64	68.86
ReachM1	2464.387	Tr=500 anni	38.09	101.41	102.70	104.53	0.027976	6.00	6.35	8.61	60.45	69.05
ReachM1	2412.414	Tr=50 anni	27.94	99.38	100.44	102.31	0.042424	6.06	4.61	8.52	68.70	77.23
ReachM1	2412.414	Tr=100 anni	30.95	99.38	100.48	102.43	0.042957	6.19	5.00	9.05	68.54	77.59
ReachM1	2412.414	Tr=200 anni	34.00	99.38	100.52	102.55	0.043725	6.31	5.39	9.62	68.39	78.01
ReachM1	2412.414	Tr=500 anni	38.09	99.38	100.58	102.68	0.045747	6.42	5.94	10.71	68.19	78.90
ReachM1	2370.072	Tr=50 anni	27.94	98.99	99.46	100.25	0.039542	3.94	7.09	24.56	110.03	134.59
ReachM1	2370.072	Tr=100 anni	30.95	98.99	99.48	100.34	0.040645	4.10	7.54	25.09	109.95	135.04
ReachM1	2370.072	Tr=200 anni	34.00	98.99	99.50	100.42	0.041415	4.25	8.00	25.63	109.87	135.49
ReachM1	2370.072	Tr=500 anni	38.09	98.99	99.52	100.50	0.041465	4.36	8.73	26.89	109.74	136.63
ReachM1	2314.146	Tr=50 anni	27.94	95.10	95.79	97.59	0.053904	5.93	4.71	11.06	151.33	162.39
ReachM1	2314.146	Tr=100 anni	30.95	95.10	95.83	97.68	0.051932	6.02	5.14	11.47	151.13	162.60
ReachM1	2314.146	Tr=200 anni	34.00	95.10	95.87	97.77	0.050369	6.11	5.56	11.86	150.94	162.80
ReachM1	2314.146	Tr=500 anni	38.09	95.10	95.91	97.89	0.048591	6.22	6.12	12.36	150.70	163.06
ReachM1	2260.406	Tr=50 anni	27.94	94.32	95.07	95.77	0.016812	3.73	7.50	14.72	122.88	137.60
ReachM1	2260.406	Tr=100 anni	30.95	94.32	95.10	95.87	0.017198	3.89	7.96	14.92	122.73	137.65
ReachM1	2260.406	Tr=200 anni	34.00	94.32	95.13	95.96	0.017518	4.04	8.42	15.11	122.58	137.69
ReachM1	2260.406	Tr=500 anni	38.09	94.32	95.17	96.08	0.017956	4.23	9.01	15.35	122.40	137.76
ReachM1	2207.393	Tr=50 anni	27.94	92.93	93.39	94.31	0.050800	4.27	6.55	24.31	148.29	173.14
ReachM1	2207.393	Tr=100 anni	30.95	92.93	93.41	94.38	0.051708	4.37	7.08	25.69	147.54	173.23
ReachM1	2207.393	Tr=200 anni	34.00	92.93	93.43	94.45	0.052550	4.48	7.59	26.90	146.42	173.32
ReachM1	2207.393	Tr=500 anni	38.09	92.93	93.45	94.52	0.055115	4.57	8.33	29.63	143.80	173.43
ReachM1	2088.392	Tr=50 anni	27.94	90.37	90.90	91.07	0.015122	1.87	14.96	77.37	24.45	105.51
ReachM1	2088.392	Tr=100 anni	30.95	90.37	90.91	91.10	0.015206	1.94	15.95	78.18	24.37	105.67
ReachM1	2088.392	Tr=200 anni	34.00	90.37	90.92	91.13	0.015318	2.01	16.93	79.20	24.29	105.84
ReachM1	2088.392	Tr=500 anni	38.09	90.37	90.94	91.16	0.015142	2.07	18.43	81.95	24.16	106.11
ReachM1	2057.532	Tr=50 anni	27.94	89.44	90.16	90.54	0.018150	2.75	10.15	33.61	56.99	90.60
ReachM1	2057.532	Tr=100 anni	30.95	89.44	90.18	90.58	0.017219	2.80	11.07	34.41	56.87	91.28
ReachM1	2057.532	Tr=200 anni	34.00	89.44	90.21	90.62	0.016369	2.83	12.00	35.19	56.75	91.95
ReachM1	2057.532	Tr=500 anni	38.09	89.44	90.24	90.67	0.015446	2.89	13.20	36.08	56.61	92.68
ReachM1	2016.684	Tr=50 anni	27.94	88.39	89.08	89.64	0.026018	3.34	8.37	27.06	49.64	78.87
ReachM1	2016.684	Tr=100 anni	30.95	88.39	89.10	89.70	0.026320	3.44	9.00	28.07	49.23	79.10
ReachM1	2016.684	Tr=200 anni	34.00	88.39	89.12	89.75	0.026947	3.51	9.68	29.73	48.14	79.30
ReachM1	2016.684	Tr=500 anni	38.09	88.39	89.15	89.82	0.027539	3.62	10.52	31.44	47.53	79.53
ReachM1	1960.779	Tr=50 anni	27.94	87.30	88.25	88.57	0.013012	2.54	11.00	31.87	50.38	90.05
ReachM1	1960.779	Tr=100 anni	30.95	87.30	88.27	88.62	0.013106	2.60	11.90	33.46	49.74	90.33
ReachM1	1960.779	Tr=200 anni	34.00	87.30	88.30	88.66	0.013024	2.65	12.85	35.07	49.08	90.61
ReachM1	1960.779	Tr=500 anni	38.09	87.30	88.34	88.71	0.013035	2.69	14.15	37.67	48.29	91.21
ReachM1	1908.982	Tr=50 anni	27.94	86.69	87.35	87.67	0.024630	2.52	11.11	52.94	39.68	96.82
ReachM1	1908.982	Tr=100 anni	30.95	86.69	87.36	87.71	0.024794	2.61	11.88	53.98	39.56	97.39
ReachM1	1908.982	Tr=200 anni	34.00	86.69	87.37	87.74	0.024962	2.69	12.63	54.90	39.45	97.94
ReachM1	1908.982	Tr=500 anni	38.09	86.69	87.39	87.79	0.025067	2.79	13.63	56.23	39.30	98.79
ReachM1	1860.525	Tr=50 anni	27.94	85.27	86.37	86.67	0.017205	2.43	11.49	43.84	77.06	120.91
ReachM1	1860.525	Tr=100 anni	30.95	85.27	86.39	86.71	0.017030	2.52	12.30	44.25	76.86	121.11
ReachM1	1860.525	Tr=200 anni	34.00	85.27	86.41	86.75	0.016840	2.59	13.10	44.65	76.66	121.31
ReachM1	1860.525	Tr=500 anni	38.09	85.27	86.43	86.80	0.016666	2.69	14.13	45.16	76.40	121.57

HEC-RAS Plan: n_mod River: R.Sturruliu Reach: ReachM1 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1815.736	Tr=50 anni	27.94	83.44	84.56	85.69	0.023630	4.72	5.92	10.41	112.23	122.64
ReachM1	1815.736	Tr=100 anni	30.95	83.44	84.61	85.76	0.022182	4.75	6.51	10.79	112.05	122.84
ReachM1	1815.736	Tr=200 anni	34.00	83.44	84.67	85.83	0.020832	4.78	7.12	11.15	111.88	123.02
ReachM1	1815.736	Tr=500 anni	38.09	83.44	84.74	85.92	0.019301	4.81	7.92	11.60	111.66	123.26
ReachM1	1770.288	Tr=50 anni	27.94	82.32	82.96	84.15	0.051740	4.84	5.77	17.91	118.04	135.95
ReachM1	1770.288	Tr=100 anni	30.95	82.32	82.98	84.27	0.052223	5.03	6.16	18.21	117.86	136.07
ReachM1	1770.288	Tr=200 anni	34.00	82.32	83.00	84.38	0.052581	5.21	6.53	18.42	117.76	136.18
ReachM1	1770.288	Tr=500 anni	38.09	82.32	83.03	84.52	0.052623	5.42	7.03	18.70	117.63	136.33
ReachM1	1713.231	Tr=50 anni	27.94	80.90	81.36	81.78	0.028324	2.87	9.72	42.11	118.84	164.92
ReachM1	1713.231	Tr=100 anni	30.95	80.90	81.38	81.84	0.029230	3.00	10.30	42.78	118.77	165.12
ReachM1	1713.231	Tr=200 anni	34.00	80.90	81.39	81.89	0.030135	3.13	10.87	43.43	118.70	165.30
ReachM1	1713.231	Tr=500 anni	38.09	80.90	81.41	81.96	0.031426	3.29	11.57	44.22	118.62	165.53
ReachM1	1675.148	Tr=50 anni	27.94	79.64	80.27	80.85	0.020866	3.36	8.32	22.66	138.24	160.89
ReachM1	1675.148	Tr=100 anni	30.95	79.64	80.31	80.90	0.020388	3.42	9.05	23.56	137.92	161.49
ReachM1	1675.148	Tr=200 anni	34.00	79.64	80.34	80.95	0.020011	3.48	9.76	24.41	137.50	161.91
ReachM1	1675.148	Tr=500 anni	38.09	79.64	80.37	81.02	0.019533	3.56	10.71	25.49	136.97	162.46
ReachM1	1608.392	Tr=50 anni	27.94	77.18	78.07	78.95	0.039287	4.16	6.72	21.13	158.65	180.99
ReachM1	1608.392	Tr=100 anni	30.95	77.18	78.10	79.01	0.040701	4.21	7.35	23.33	157.26	181.07
ReachM1	1608.392	Tr=200 anni	34.00	77.18	78.12	79.06	0.041243	4.30	7.92	24.66	156.47	181.13
ReachM1	1608.392	Tr=500 anni	38.09	77.18	78.15	79.16	0.041024	4.45	8.57	25.26	155.95	181.21
ReachM1	1559.491	Tr=50 anni	27.94	75.97	76.68	77.46	0.023579	3.92	7.13	16.88	199.28	216.16
ReachM1	1559.491	Tr=100 anni	30.95	75.97	76.72	77.52	0.022704	3.96	7.81	17.67	198.60	216.27
ReachM1	1559.491	Tr=200 anni	34.00	75.97	76.75	77.58	0.022349	4.03	8.44	18.38	197.98	216.36
ReachM1	1559.491	Tr=500 anni	38.09	75.97	76.79	77.67	0.022403	4.15	9.18	19.18	197.28	216.47
ReachM1	1515.835	Tr=50 anni	27.94	75.35	75.81	76.30	0.025711	3.09	9.03	32.60	213.61	246.21
ReachM1	1515.835	Tr=100 anni	30.95	75.35	75.82	76.36	0.026785	3.25	9.51	32.84	213.51	246.36
ReachM1	1515.835	Tr=200 anni	34.00	75.35	75.84	76.43	0.027551	3.39	10.03	33.28	213.24	246.51
ReachM1	1515.835	Tr=500 anni	38.09	75.35	75.86	76.50	0.028262	3.54	10.75	33.99	212.74	246.73
ReachM1	1460.927	Tr=50 anni	27.94	74.31	74.97	75.28	0.012729	2.48	11.24	33.28	310.84	344.12
ReachM1	1460.927	Tr=100 anni	30.95	74.31	74.99	75.33	0.012634	2.57	12.05	33.76	310.59	344.35
ReachM1	1460.927	Tr=200 anni	34.00	74.31	75.02	75.37	0.012604	2.65	12.85	34.35	310.22	344.57
ReachM1	1460.927	Tr=500 anni	38.09	74.31	75.04	75.43	0.012619	2.75	13.87	35.09	309.76	344.85
ReachM1	1396.006	Tr=50 anni	40.19	73.29	73.81	74.22	0.019604	2.85	14.12	47.09	402.54	460.60
ReachM1	1396.006	Tr=100 anni	44.53	73.29	73.83	74.27	0.019589	2.94	15.15	48.13	402.10	460.68
ReachM1	1396.006	Tr=200 anni	48.91	73.29	73.85	74.31	0.019501	3.02	16.17	49.06	401.75	460.76
ReachM1	1396.006	Tr=500 anni	54.80	73.29	73.88	74.37	0.019363	3.13	17.53	50.32	401.32	460.87
ReachM1	1324.018	Tr=50 anni	40.19	72.36	73.11	73.39	0.007024	2.33	17.27	36.11	341.57	380.69
ReachM1	1324.018	Tr=100 anni	44.53	72.36	73.15	73.44	0.006926	2.38	18.72	37.45	341.37	380.85
ReachM1	1324.018	Tr=200 anni	48.91	72.36	73.19	73.49	0.006844	2.42	20.23	39.13	341.17	381.01
ReachM1	1324.018	Tr=500 anni	54.80	72.36	73.23	73.55	0.006752	2.49	21.99	40.25	340.95	381.20
ReachM1	1256.191	Tr=50 anni	40.19	69.27	70.12	72.16	0.059312	6.33	6.35	14.56	244.87	259.43
ReachM1	1256.191	Tr=100 anni	44.53	69.27	70.16	72.24	0.055107	6.38	6.97	14.93	244.65	259.58
ReachM1	1256.191	Tr=200 anni	48.91	69.27	70.20	72.31	0.051434	6.43	7.61	15.29	244.45	259.73
ReachM1	1256.191	Tr=500 anni	54.80	69.27	70.25	72.40	0.047303	6.49	8.44	15.69	244.23	259.92
ReachM1	1213.253	Tr=50 anni	40.19	67.81	69.01	70.29	0.026608	5.00	8.04	14.24	172.24	186.48
ReachM1	1213.253	Tr=100 anni	44.53	67.81	69.05	70.42	0.026936	5.18	8.59	14.55	172.13	186.68
ReachM1	1213.253	Tr=200 anni	48.91	67.81	69.09	70.55	0.027173	5.35	9.14	14.84	172.02	186.86
ReachM1	1213.253	Tr=500 anni	54.80	67.81	69.14	70.71	0.027435	5.56	9.86	15.22	171.88	187.10
ReachM1	1161.861	Tr=50 anni	40.19	63.75	65.06	68.33	0.045343	8.02	5.01	5.84	114.25	120.09
ReachM1	1161.861	Tr=100 anni	44.53	63.75	65.14	68.48	0.043886	8.11	5.49	6.15	114.03	120.18
ReachM1	1161.861	Tr=200 anni	48.91	63.75	65.21	68.63	0.042577	8.19	5.97	6.44	113.83	120.26
ReachM1	1161.861	Tr=500 anni	54.80	63.75	65.31	68.81	0.041073	8.29	6.61	6.79	113.57	120.36
ReachM1	1124.515	Tr=50 anni	40.19	61.75	63.20	66.59	0.047248	8.16	4.92	5.81	92.10	97.91
ReachM1	1124.515	Tr=100 anni	44.53	61.75	63.27	66.79	0.046172	8.30	5.36	6.05	91.98	98.03
ReachM1	1124.515	Tr=200 anni	48.91	61.75	63.34	66.97	0.045161	8.43	5.80	6.28	91.87	98.15
ReachM1	1124.515	Tr=500 anni	54.80	61.75	63.44	67.19	0.044261	8.59	6.38	6.62	91.73	98.35
ReachM1	1084.726	Tr=50 anni	40.19	60.63	61.94	64.76	0.037060	7.45	5.40	5.94	90.03	95.97
ReachM1	1084.726	Tr=100 anni	44.53	60.63	62.01	64.99	0.036837	7.65	5.82	6.09	89.98	96.07
ReachM1	1084.726	Tr=200 anni	48.91	60.63	62.08	65.21	0.036573	7.84	6.24	6.24	89.93	96.17
ReachM1	1084.726	Tr=500 anni	54.80	60.63	62.17	65.47	0.036097	8.05	6.80	6.44	89.86	96.30
ReachM1	1054.717	Tr=50 anni	40.19	60.26	61.24	63.29	0.046098	6.34	6.34	11.78	102.81	114.58
ReachM1	1054.717	Tr=100 anni	44.53	60.26	61.28	63.51	0.048049	6.62	6.72	12.08	102.73	114.82
ReachM1	1054.717	Tr=200 anni	48.91	60.26	61.31	63.72	0.049737	6.88	7.11	12.38	102.66	115.04
ReachM1	1054.717	Tr=500 anni	54.80	60.26	61.35	63.98	0.051614	7.19	7.62	12.76	102.57	115.33

HEC-RAS Plan: n_mod River: R.Sturruiliu Reach: ReachM1 (Continued)

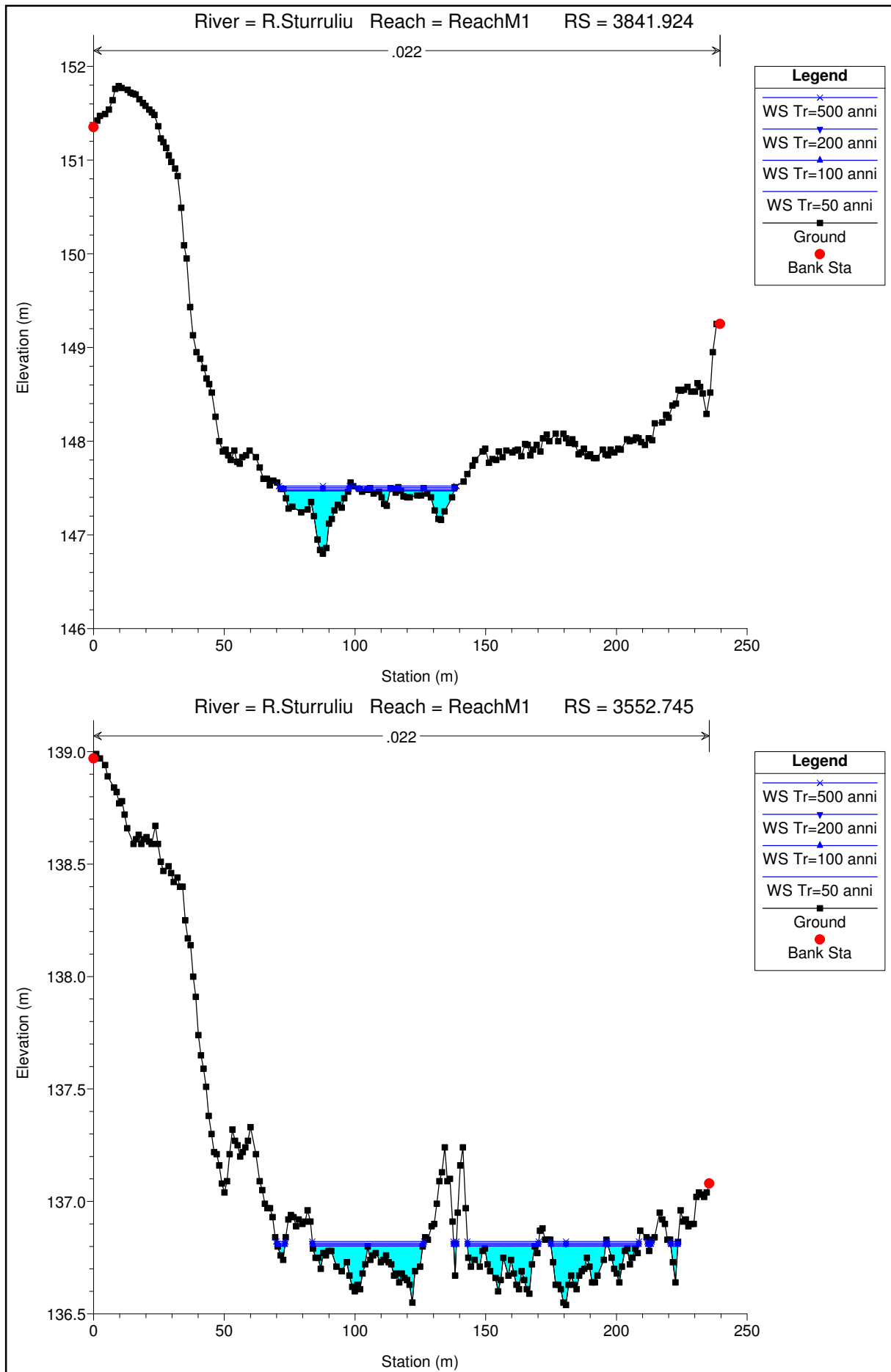
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	1024.615	Tr=50 anni	40.19	59.08	60.67	62.26	0.020660	5.60	7.18	8.36	133.98	142.34
ReachM1	1024.615	Tr=100 anni	44.53	59.08	60.73	62.44	0.021001	5.79	7.69	8.62	133.89	142.50
ReachM1	1024.615	Tr=200 anni	48.91	59.08	60.79	62.60	0.021302	5.97	8.20	8.86	133.80	142.66
ReachM1	1024.615	Tr=500 anni	54.80	59.08	60.86	62.81	0.021740	6.20	8.84	9.16	133.68	142.84
ReachM1	982.8488	Tr=50 anni	40.19	59.01	60.32	61.37	0.014961	4.55	8.82	11.39	129.70	141.09
ReachM1	982.8488	Tr=100 anni	44.53	59.01	60.36	61.52	0.015668	4.76	9.35	11.69	129.58	141.27
ReachM1	982.8488	Tr=200 anni	48.91	59.01	60.40	61.66	0.016341	4.96	9.86	11.96	129.47	141.43
ReachM1	982.8488	Tr=500 anni	54.80	59.01	60.46	61.83	0.017339	5.18	10.59	12.60	118.97	141.66
ReachM1	947.9515	Tr=50 anni	40.19	58.27	59.31	60.56	0.038506	4.96	8.11	19.32	109.59	141.88
ReachM1	947.9515	Tr=100 anni	44.53	58.27	59.34	60.62	0.048596	4.99	8.92	25.06	106.15	141.97
ReachM1	947.9515	Tr=200 anni	48.91	58.27	59.37	60.72	0.051289	5.15	9.50	26.59	106.05	142.03
ReachM1	947.9515	Tr=500 anni	54.80	58.27	59.40	60.85	0.051995	5.34	10.26	27.47	105.94	142.10
ReachM1	922.1786	Tr=50 anni	40.19	57.97	58.80	59.59	0.027541	3.93	10.23	27.10	95.30	135.18
ReachM1	922.1786	Tr=100 anni	44.53	57.97	58.86	59.58	0.024761	3.77	11.80	30.67	94.67	135.68
ReachM1	922.1786	Tr=200 anni	48.91	57.97	58.90	59.61	0.026047	3.74	13.06	35.66	94.40	136.03
ReachM1	922.1786	Tr=500 anni	54.80	57.97	58.93	59.67	0.027937	3.82	14.35	40.08	94.16	136.34
ReachM1	897.8463	Tr=50 anni	40.19	57.44	58.78	59.09	0.009132	2.47	16.26	37.64	62.25	102.12
ReachM1	897.8463	Tr=100 anni	44.53	57.44	58.83	59.13	0.008362	2.44	18.24	40.27	62.07	102.46
ReachM1	897.8463	Tr=200 anni	48.91	57.44	58.87	59.18	0.007561	2.45	20.00	40.83	61.92	102.74
ReachM1	897.8463	Tr=500 anni	54.80	57.44	59.00	59.24	0.004578	2.17	25.23	42.22	61.47	103.70
ReachM1	863.2146	Tr=50 anni	40.19	57.46	58.92	58.97	0.000635	0.96	41.92	54.54	55.65	110.19
ReachM1	863.2146	Tr=100 anni	44.53	57.46	58.97	59.02	0.000668	1.00	44.57	56.61	54.88	111.49
ReachM1	863.2146	Tr=200 anni	48.91	57.46	59.01	59.07	0.000687	1.04	47.20	57.97	54.09	112.06
ReachM1	863.2146	Tr=500 anni	54.80	57.46	59.07	59.13	0.000714	1.08	50.72	60.26	52.40	112.66
ReachM1	837.8661	Tr=50 anni	40.19	57.59	58.85	58.94	0.001361	1.33	30.15	42.23	38.85	81.08
ReachM1	837.8661	Tr=100 anni	44.53	57.59	58.89	58.99	0.001398	1.40	31.91	42.56	38.67	81.24
ReachM1	837.8661	Tr=200 anni	48.91	57.59	58.93	59.04	0.001433	1.46	33.61	42.90	38.50	81.40
ReachM1	837.8661	Tr=500 anni	54.80	57.59	58.98	59.10	0.001478	1.53	35.86	43.51	38.10	81.61
ReachM1	804.5604	Tr=50 anni	40.19	57.52	58.60	58.84	0.006453	2.18	18.45	39.65	35.46	75.11
ReachM1	804.5604	Tr=100 anni	44.53	57.52	58.64	58.89	0.006165	2.22	20.03	40.34	34.97	75.31
ReachM1	804.5604	Tr=200 anni	48.91	57.52	58.67	58.94	0.005965	2.27	21.59	41.24	34.26	75.50
ReachM1	804.5604	Tr=500 anni	54.80	57.52	58.72	59.00	0.005904	2.34	23.45	42.43	33.29	75.72
ReachM1	781.3549	Tr=50 anni	40.19	56.39	57.11	58.44	0.035311	5.09	7.89	17.00	44.39	62.54
ReachM1	781.3549	Tr=100 anni	44.53	56.39	57.16	58.50	0.035427	5.12	8.69	18.61	44.07	62.68
ReachM1	781.3549	Tr=200 anni	48.91	56.39	57.20	58.55	0.032894	5.15	9.49	19.05	43.77	62.82
ReachM1	781.3549	Tr=500 anni	54.80	56.39	57.26	58.62	0.033089	5.17	10.61	21.33	41.67	63.00
ReachM1	757.2485	Tr=50 anni	40.19	56.11	57.01	57.67	0.016788	3.61	11.12	23.02	52.81	75.83
ReachM1	757.2485	Tr=100 anni	44.53	56.11	57.05	57.75	0.016390	3.70	12.03	23.60	52.42	76.02
ReachM1	757.2485	Tr=200 anni	48.91	56.11	57.08	57.82	0.016803	3.80	12.88	24.75	41.94	76.09
ReachM1	757.2485	Tr=500 anni	54.80	56.11	57.14	57.88	0.016858	3.80	14.43	27.80	41.67	76.21
ReachM1	723.2329	Tr=50 anni	40.19	55.21	57.06	57.17	0.001479	1.45	27.68	35.96	63.30	99.26
ReachM1	723.2329	Tr=100 anni	44.53	55.21	57.12	57.23	0.001488	1.51	29.56	36.49	62.87	99.36
ReachM1	723.2329	Tr=200 anni	48.91	55.21	57.16	57.29	0.001504	1.56	31.34	36.98	62.47	99.45
ReachM1	723.2329	Tr=500 anni	54.80	55.21	57.23	57.36	0.001506	1.62	33.77	37.61	61.96	99.56
ReachM1	706.6089	Tr=50 anni	40.19	55.69	56.95	57.13	0.002600	1.91	21.08	28.03	56.68	84.70
ReachM1	706.6089	Tr=100 anni	44.53	55.69	56.98	57.19	0.002804	2.02	22.08	28.58	56.32	84.90
ReachM1	706.6089	Tr=200 anni	48.91	55.69	57.01	57.24	0.003061	2.14	22.89	29.01	56.04	85.04
ReachM1	706.6089	Tr=500 anni	54.80	55.69	57.05	57.31	0.003287	2.27	24.16	29.53	55.73	85.26
ReachM1	688.7083	Tr=50 anni	40.19	55.98	56.80	57.06	0.005982	2.25	17.86	34.67	51.27	85.94
ReachM1	688.7083	Tr=100 anni	44.53	55.98	56.83	57.11	0.005984	2.34	19.05	34.91	51.18	86.09
ReachM1	688.7083	Tr=200 anni	48.91	55.98	56.87	57.16	0.005754	2.39	20.46	35.20	51.07	86.28
ReachM1	688.7083	Tr=500 anni	54.80	55.98	56.92	57.23	0.005617	2.48	22.13	35.47	50.95	86.42
ReachM1	656.8336	Tr=50 anni	40.19	54.70	56.44	56.54	0.000979	1.39	29.01	29.68	51.42	81.10
ReachM1	656.8336	Tr=100 anni	44.53	54.70	56.51	56.62	0.000972	1.43	31.13	30.18	51.21	81.39
ReachM1	656.8336	Tr=200 anni	48.91	54.70	56.58	56.69	0.000968	1.47	33.20	30.68	50.98	81.66
ReachM1	656.8336	Tr=500 anni	54.80	54.70	56.67	56.79	0.000959	1.52	35.96	31.37	50.61	81.98
ReachM1	631.1557	Tr=50 anni	40.19	54.57	56.28	56.49	0.002002	2.04	19.67	18.99	44.96	63.95
ReachM1	631.1557	Tr=100 anni	44.53	54.57	56.33	56.57	0.002158	2.16	20.63	19.38	44.79	64.17
ReachM1	631.1557	Tr=200 anni	48.91	54.57	56.38	56.64	0.002338	2.27	21.52	19.89	44.63	64.52
ReachM1	631.1557	Tr=500 anni	54.80	54.57	56.44	56.73	0.002552	2.41	22.74	20.56	44.42	64.98
ReachM1	606.146	Tr=50 anni	40.19	54.27	56.36	56.43	0.000530	1.14	35.11	29.98	44.12	74.10
ReachM1	606.146	Tr=100 anni	44.53	54.27	56.42	56.50	0.000564	1.21	36.94	30.56	43.69	74.25
ReachM1	606.146	Tr=200 anni	48.91	54.27	56.48	56.56	0.000595	1.26	38.69	31.05	43.37	74.41
ReachM1	606.146	Tr=500 anni	54.80	54.27	56.55	56.64	0.000629	1.34	41.02	31.58	43.04	74.62

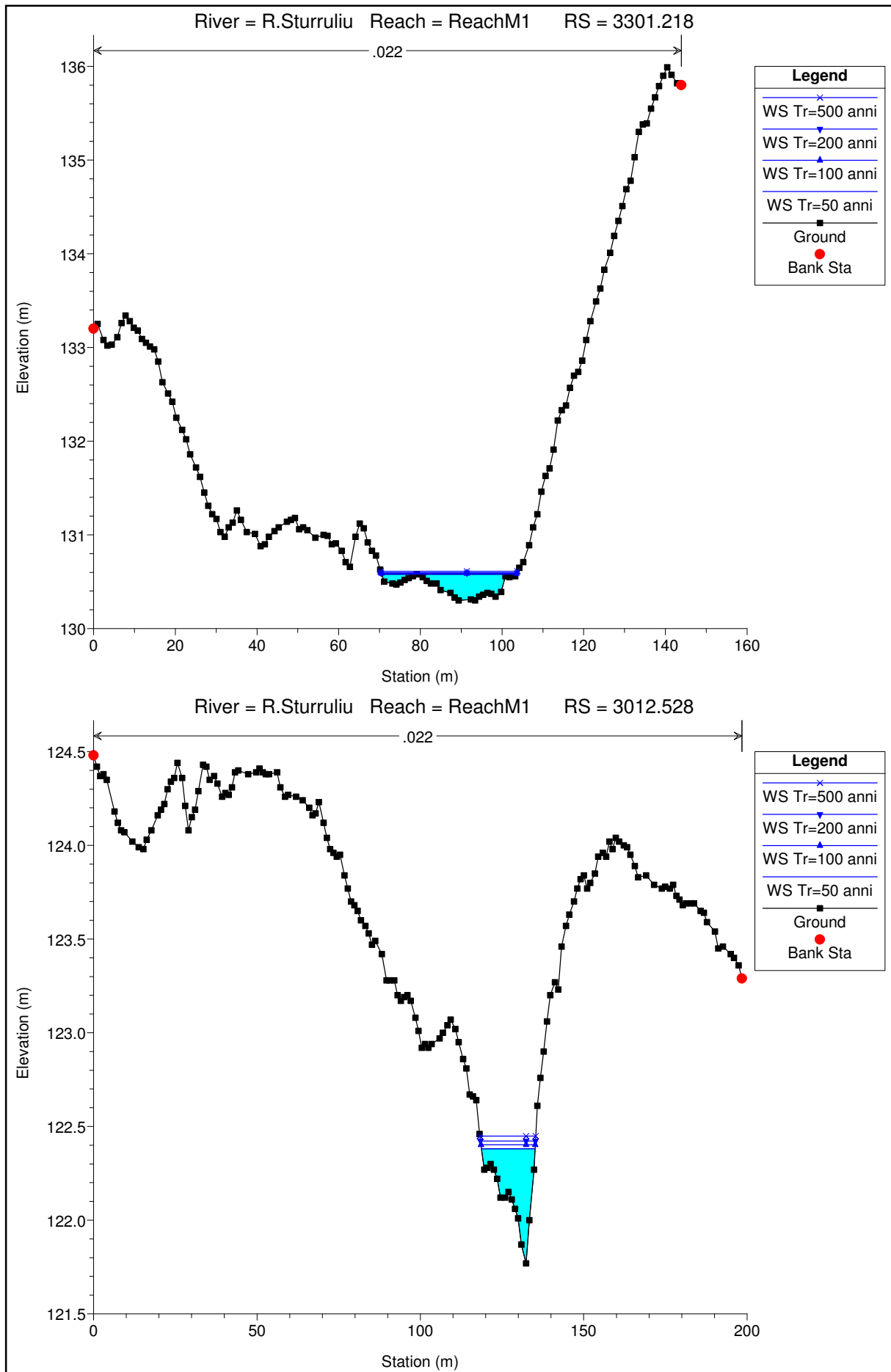
HEC-RAS Plan: n_mod River: R.Sturuliu Reach: ReachM1 (Continued)

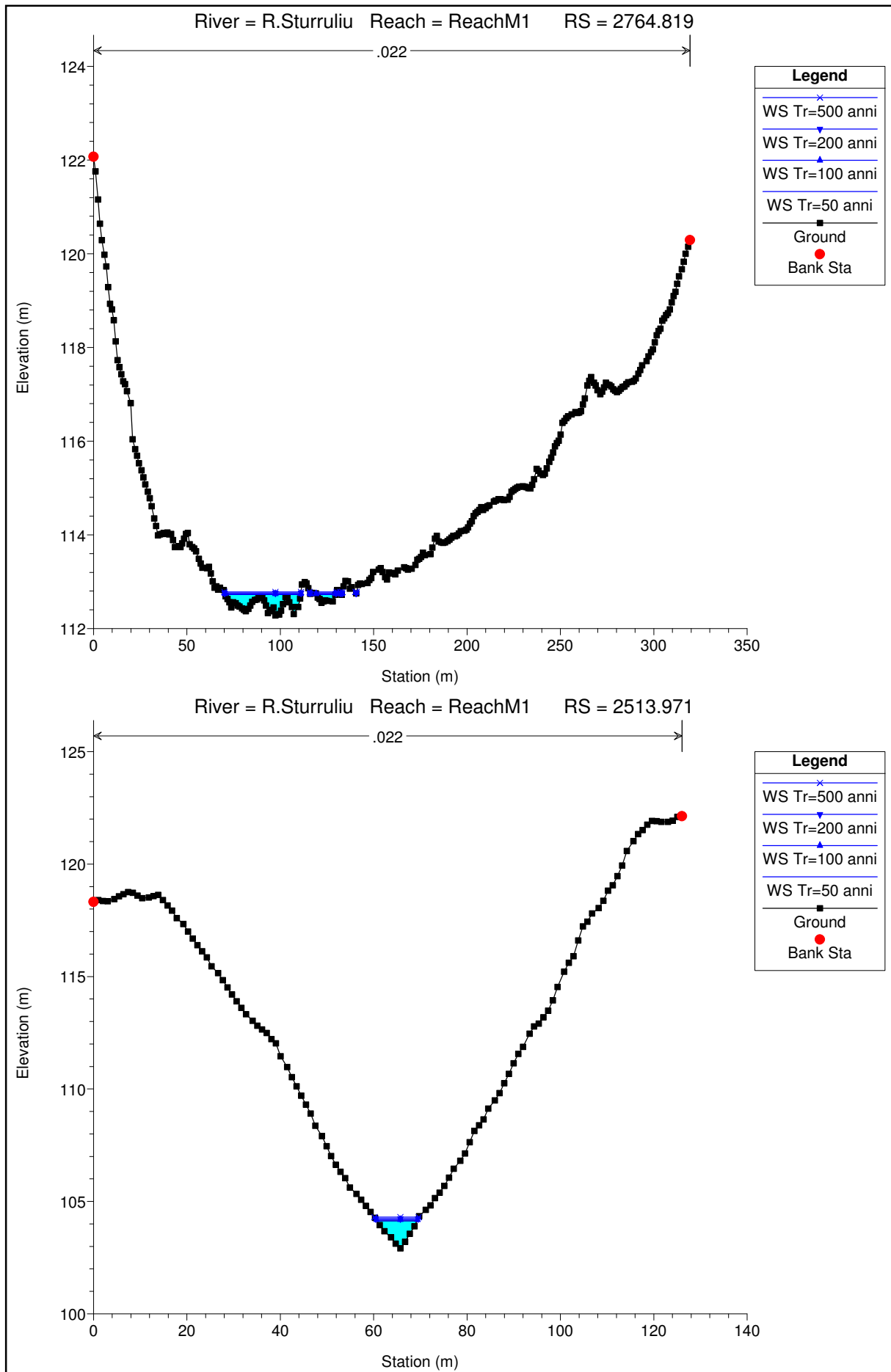
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	580.8315	Tr=50 anni	40.19	55.11	56.07	56.37	0.005742	2.45	16.43	27.02	45.96	72.98
ReachM1	580.8315	Tr=100 anni	44.53	55.11	56.11	56.44	0.005747	2.54	17.52	27.23	45.82	73.04
ReachM1	580.8315	Tr=200 anni	48.91	55.11	56.16	56.50	0.005515	2.60	18.84	27.47	45.65	73.12
ReachM1	580.8315	Tr=500 anni	54.80	55.11	56.21	56.58	0.005470	2.70	20.31	27.78	45.42	73.20
ReachM1	553.7403	Tr=50 anni	40.19	53.56	55.63	55.67	0.000287	0.92	43.52	32.56	85.63	118.18
ReachM1	553.7403	Tr=100 anni	44.53	53.56	55.69	55.74	0.000304	0.97	45.70	32.91	85.49	118.40
ReachM1	553.7403	Tr=200 anni	48.91	53.56	55.75	55.81	0.000321	1.02	47.77	33.25	85.35	118.60
ReachM1	553.7403	Tr=500 anni	54.80	53.56	55.83	55.89	0.000344	1.09	50.34	33.66	85.19	118.85
ReachM1	529.5873	Tr=50 anni	40.19	54.09	55.28	55.62	0.005602	2.57	15.61	23.49	67.82	101.05
ReachM1	529.5873	Tr=100 anni	44.53	54.09	55.34	55.69	0.005490	2.62	16.98	24.46	67.38	101.27
ReachM1	529.5873	Tr=200 anni	48.91	54.09	55.40	55.76	0.005416	2.65	18.45	25.86	66.53	101.50
ReachM1	529.5873	Tr=500 anni	54.80	54.09	55.47	55.84	0.005380	2.70	20.30	27.52	65.52	101.76
ReachM1	504.0207	Tr=50 anni	40.19	53.53	54.15	55.26	0.031529	4.65	8.64	19.58	49.77	69.35
ReachM1	504.0207	Tr=100 anni	44.53	53.53	54.19	55.33	0.029604	4.73	9.41	19.84	49.64	69.48
ReachM1	504.0207	Tr=200 anni	48.91	53.53	54.23	55.41	0.027959	4.80	10.18	20.09	49.52	69.61
ReachM1	504.0207	Tr=500 anni	54.80	53.53	54.28	55.50	0.025835	4.88	11.24	20.42	49.36	69.78
ReachM1	450.455	Tr=50 anni	40.19	53.12	54.12	54.40	0.007181	2.36	17.06	35.28	46.61	86.16
ReachM1	450.455	Tr=100 anni	44.53	53.12	54.18	54.45	0.006144	2.30	19.36	36.93	46.20	86.45
ReachM1	450.455	Tr=200 anni	48.91	53.12	54.21	54.51	0.006603	2.42	20.17	37.52	46.11	86.54
ReachM1	450.455	Tr=500 anni	54.80	53.12	54.23	54.57	0.007215	2.58	21.23	38.43	45.99	86.67
ReachM1	425.1822	Tr=50 anni	40.19	52.81	53.69	54.14	0.014513	2.97	13.51	33.59	38.25	71.85
ReachM1	425.1822	Tr=100 anni	44.53	52.81	53.71	54.20	0.014799	3.10	14.35	33.98	37.94	71.92
ReachM1	425.1822	Tr=200 anni	48.91	52.81	53.75	54.25	0.013926	3.15	15.52	34.29	37.73	72.02
ReachM1	425.1822	Tr=500 anni	54.80	52.81	53.79	54.32	0.012891	3.21	17.07	34.60	37.55	72.15
ReachM1	374.925	Tr=50 anni	40.19	52.35	53.44	53.72	0.005923	2.36	17.03	30.27	30.17	71.36
ReachM1	374.925	Tr=100 anni	44.53	52.35	53.49	53.78	0.005942	2.38	18.71	32.93	29.91	71.95
ReachM1	374.925	Tr=200 anni	48.91	52.35	53.54	53.83	0.005832	2.40	20.39	34.96	29.68	72.44
ReachM1	374.925	Tr=500 anni	54.80	52.35	53.59	53.90	0.005821	2.46	22.27	36.74	29.43	72.65
ReachM1	350.4459	Tr=50 anni	40.19	51.68	52.51	53.38	0.029041	4.15	9.68	24.44	35.42	78.66
ReachM1	350.4459	Tr=100 anni	44.53	51.68	52.54	53.44	0.028952	4.20	10.61	26.30	35.26	78.79
ReachM1	350.4459	Tr=200 anni	48.91	51.68	52.58	53.50	0.029231	4.25	11.51	28.21	35.11	78.91
ReachM1	350.4459	Tr=500 anni	54.80	51.68	52.62	53.56	0.029024	4.31	12.72	30.34	34.93	79.06
ReachM1	324.199	Tr=50 anni	40.19	51.39	52.75	52.79	0.000472	0.88	45.60	53.69	31.10	84.78
ReachM1	324.199	Tr=100 anni	44.53	51.39	52.81	52.85	0.000472	0.92	48.61	54.02	30.99	85.02
ReachM1	324.199	Tr=200 anni	48.91	51.39	52.86	52.91	0.000473	0.95	51.51	54.35	30.89	85.24
ReachM1	324.199	Tr=500 anni	54.80	51.39	52.93	52.98	0.000477	0.99	55.22	54.79	30.77	85.56
ReachM1	300.1457	Tr=50 anni	40.19	51.37	52.50	52.74	0.004920	2.19	18.34	31.69	39.24	85.36
ReachM1	300.1457	Tr=100 anni	44.53	51.37	52.54	52.80	0.005137	2.28	19.50	32.72	38.70	85.59
ReachM1	300.1457	Tr=200 anni	48.91	51.37	52.57	52.86	0.005276	2.36	20.70	33.68	38.19	85.75
ReachM1	300.1457	Tr=500 anni	54.80	51.37	52.62	52.93	0.005448	2.47	22.22	34.73	37.67	85.95
ReachM1	275.3661	Tr=50 anni	40.19	51.14	52.62	52.66	0.000392	0.79	50.64	60.40	30.41	90.81
ReachM1	275.3661	Tr=100 anni	44.53	51.14	52.67	52.71	0.000402	0.83	53.52	60.63	30.29	90.92
ReachM1	275.3661	Tr=200 anni	48.91	51.14	52.72	52.76	0.000411	0.87	56.34	60.82	30.21	91.04
ReachM1	275.3661	Tr=500 anni	54.80	51.14	52.78	52.82	0.000423	0.91	59.90	61.05	30.12	91.17
ReachM1	252.1607	Tr=50 anni	40.19	50.99	52.37	52.61	0.006385	2.16	18.58	39.97	35.36	82.04
ReachM1	252.1607	Tr=100 anni	44.53	50.99	52.41	52.66	0.006223	2.22	20.02	40.53	35.17	82.21
ReachM1	252.1607	Tr=200 anni	48.91	50.99	52.44	52.71	0.006172	2.29	21.34	41.02	35.00	82.35
ReachM1	252.1607	Tr=500 anni	54.80	50.99	52.49	52.77	0.005882	2.34	23.39	41.97	34.56	82.58
ReachM1	224.5106	Tr=50 anni	40.19	49.92	52.21	52.23	0.000122	0.65	61.48	40.82	41.21	82.03
ReachM1	224.5106	Tr=100 anni	44.53	49.92	52.30	52.33	0.000124	0.68	65.45	41.45	40.86	82.31
ReachM1	224.5106	Tr=200 anni	48.91	49.92	52.39	52.42	0.000128	0.71	69.19	42.41	40.19	82.60
ReachM1	224.5106	Tr=500 anni	54.80	49.92	52.51	52.53	0.000134	0.74	74.02	43.67	39.29	82.96
ReachM1	200.1077	Tr=50 anni	40.19	50.16	52.08	52.21	0.001159	1.60	25.15	23.28	53.60	80.38
ReachM1	200.1077	Tr=100 anni	44.53	50.16	52.18	52.31	0.001251	1.62	27.50	26.48	53.47	81.21
ReachM1	200.1077	Tr=200 anni	48.91	50.16	52.26	52.40	0.001231	1.63	29.96	28.13	53.34	81.47
ReachM1	200.1077	Tr=500 anni	54.80	50.16	52.37	52.51	0.001141	1.66	33.09	28.70	53.09	81.78
ReachM1	175.1089	Tr=50 anni	40.19	50.10	52.12	52.17	0.000465	0.99	40.59	39.35	43.76	83.11
ReachM1	175.1089	Tr=100 anni	44.53	50.10	52.22	52.27	0.000431	1.00	44.40	39.85	43.55	83.40
ReachM1	175.1089	Tr=200 anni	48.91	50.10	52.31	52.36	0.000408	1.02	48.01	40.32	43.35	83.67
ReachM1	175.1089	Tr=500 anni	54.80	50.10	52.42	52.47	0.000385	1.04	52.57	40.82	43.12	83.94
ReachM1	150.1127	Tr=50 anni	40.19	49.48	52.13	52.16	0.000096	0.70	57.19	27.80	50.46	78.25
ReachM1	150.1127	Tr=100 anni	44.53	49.48	52.23	52.26	0.000104	0.74	59.85	28.13	50.29	78.43
ReachM1	150.1127	Tr=200 anni	48.91	49.48	52.32	52.35	0.000111	0.78	62.36	28.45	50.14	78.59
ReachM1	150.1127	Tr=500 anni	54.80	49.48	52.43	52.46	0.000120	0.84	65.53	28.84	49.95	78.79

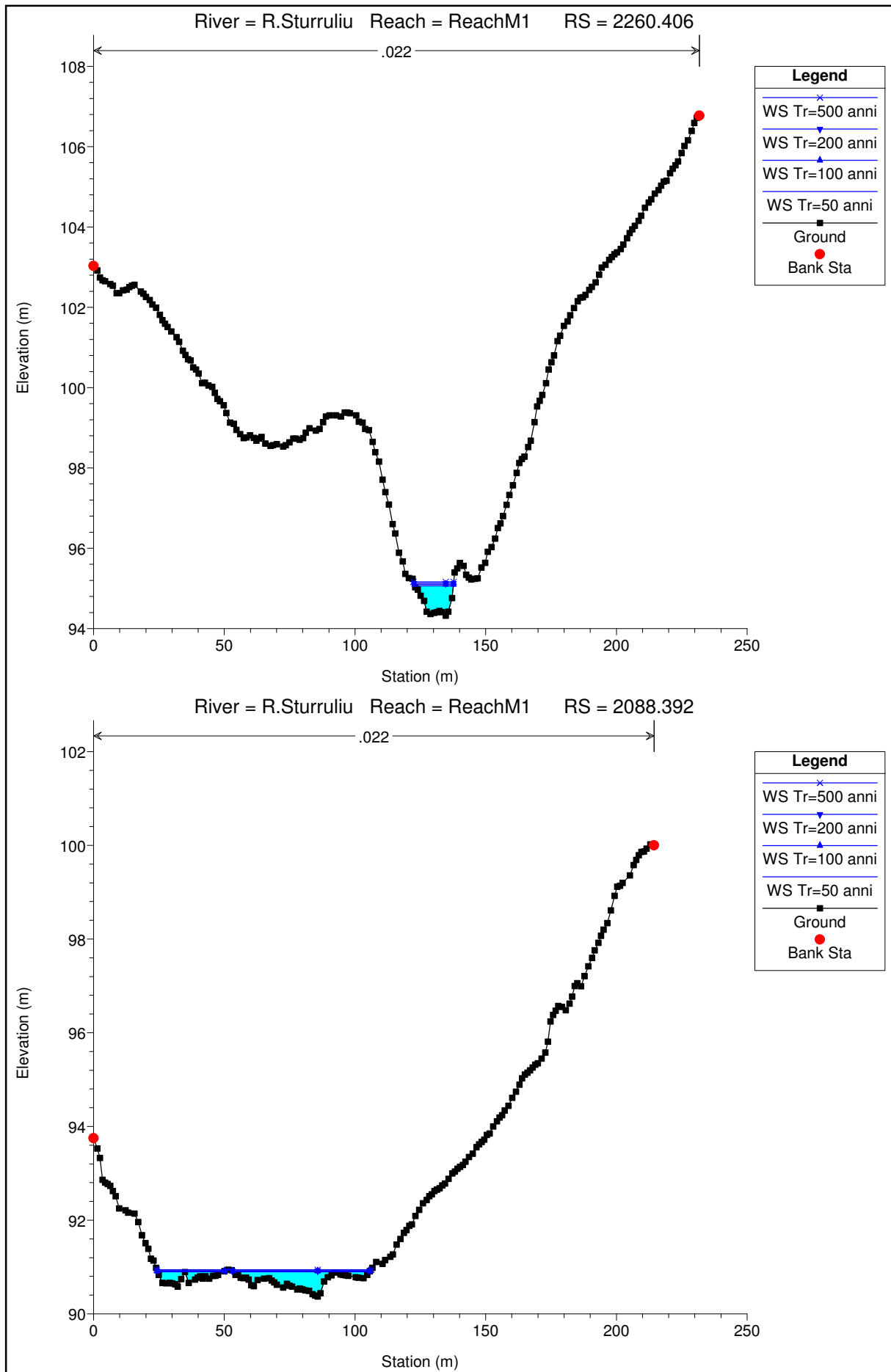
HEC-RAS Plan: n_mod River: R.Sturruliu Reach: ReachM1 (Continued)

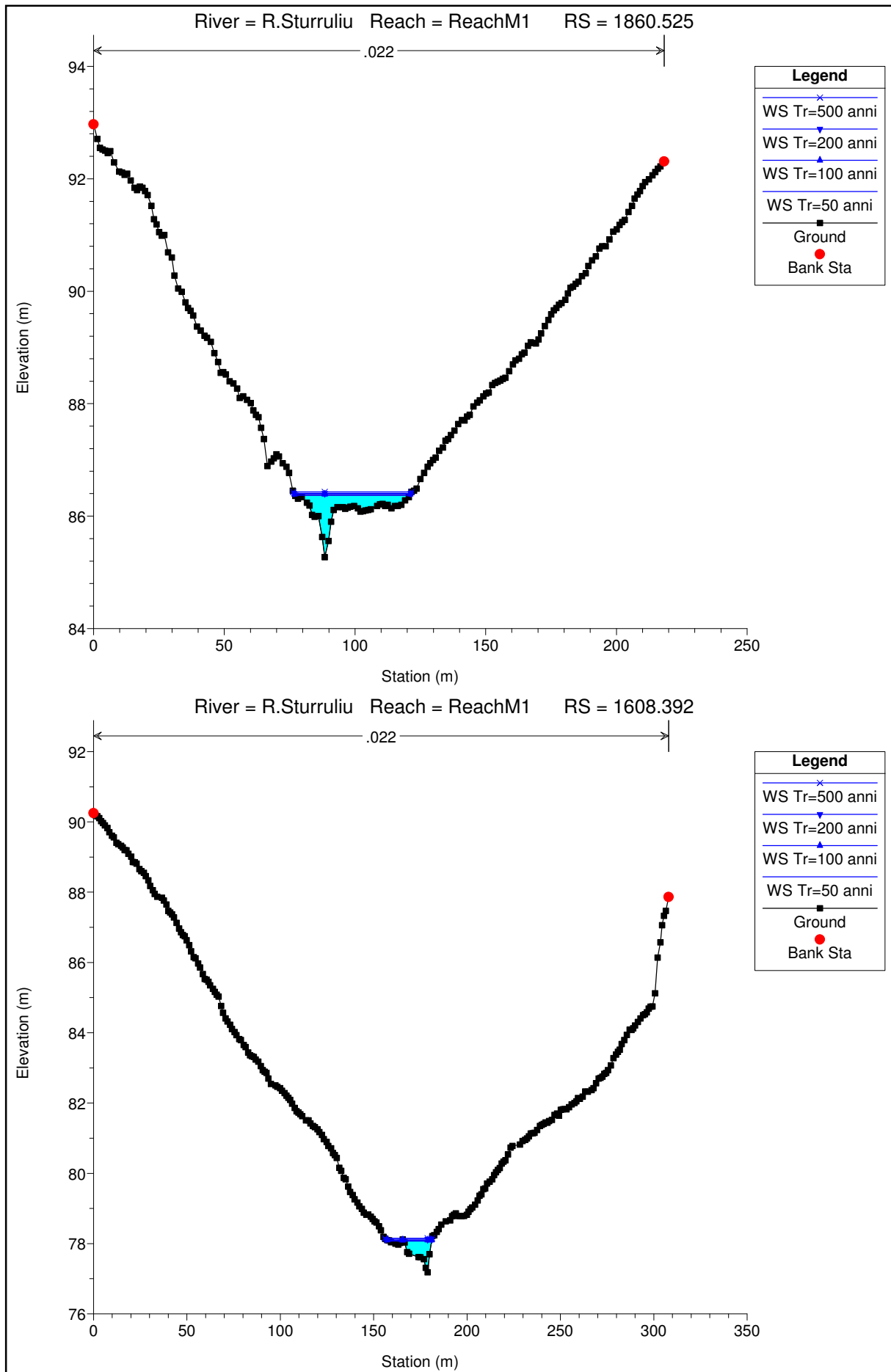
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Left Sta Eff (m)	Right Sta Eff (m)
ReachM1	125.1129	Tr=50 anni	40.19	49.94	51.65	52.11	0.005104	3.01	13.37	14.58	60.39	74.97
ReachM1	125.1129	Tr=100 anni	44.53	49.94	51.73	52.20	0.005018	3.06	14.54	15.23	60.01	75.24
ReachM1	125.1129	Tr=200 anni	48.91	49.94	51.81	52.29	0.004986	3.09	15.81	16.23	59.28	75.51
ReachM1	125.1129	Tr=500 anni	54.80	49.94	51.90	52.41	0.004946	3.17	17.30	17.06	58.77	75.82
ReachM1	99.32448	Tr=50 anni	40.19	48.34	49.46	51.65	0.041869	6.55	6.13	10.09	69.71	79.80
ReachM1	99.32448	Tr=100 anni	44.53	48.34	49.52	51.74	0.040328	6.61	6.74	10.62	69.36	79.98
ReachM1	99.32448	Tr=200 anni	48.91	48.34	49.57	51.84	0.038927	6.67	7.34	11.14	69.02	80.15
ReachM1	99.32448	Tr=500 anni	54.80	48.34	49.64	51.95	0.038340	6.73	8.14	12.06	68.58	80.64
ReachM1	74.7347	Tr=50 anni	40.19	48.32	49.29	50.42	0.032914	4.71	8.53	19.56	62.97	84.39
ReachM1	74.7347	Tr=100 anni	44.53	48.32	49.32	50.50	0.035253	4.81	9.26	21.71	62.84	84.56
ReachM1	74.7347	Tr=200 anni	48.91	48.32	49.35	50.62	0.035678	4.99	9.80	21.89	62.75	84.65
ReachM1	74.7347	Tr=500 anni	54.80	48.32	49.38	50.76	0.035601	5.20	10.53	22.07	62.63	84.70
ReachM1	49.65467	Tr=50 anni	40.19	47.10	48.64	49.79	0.019986	4.75	8.47	12.90	68.99	81.89
ReachM1	49.65467	Tr=100 anni	44.53	47.10	48.70	49.86	0.019023	4.77	9.33	13.61	68.51	82.12
ReachM1	49.65467	Tr=200 anni	48.91	47.10	48.75	49.97	0.018850	4.89	10.01	13.97	68.31	82.29
ReachM1	49.65467	Tr=500 anni	54.80	47.10	48.81	50.11	0.018647	5.04	10.87	14.38	68.07	82.45
ReachM1	9.848712	Tr=50 anni	40.19	45.72	46.95	48.78	0.028215	5.99	6.71	9.22	67.12	76.34
ReachM1	9.848712	Tr=100 anni	44.53	45.72	47.02	48.90	0.027028	6.07	7.33	9.56	66.90	76.46
ReachM1	9.848712	Tr=200 anni	48.91	45.72	47.08	49.02	0.026276	6.17	7.93	9.87	66.71	76.58
ReachM1	9.848712	Tr=500 anni	54.80	45.72	47.16	49.17	0.025443	6.29	8.71	10.26	66.46	76.72

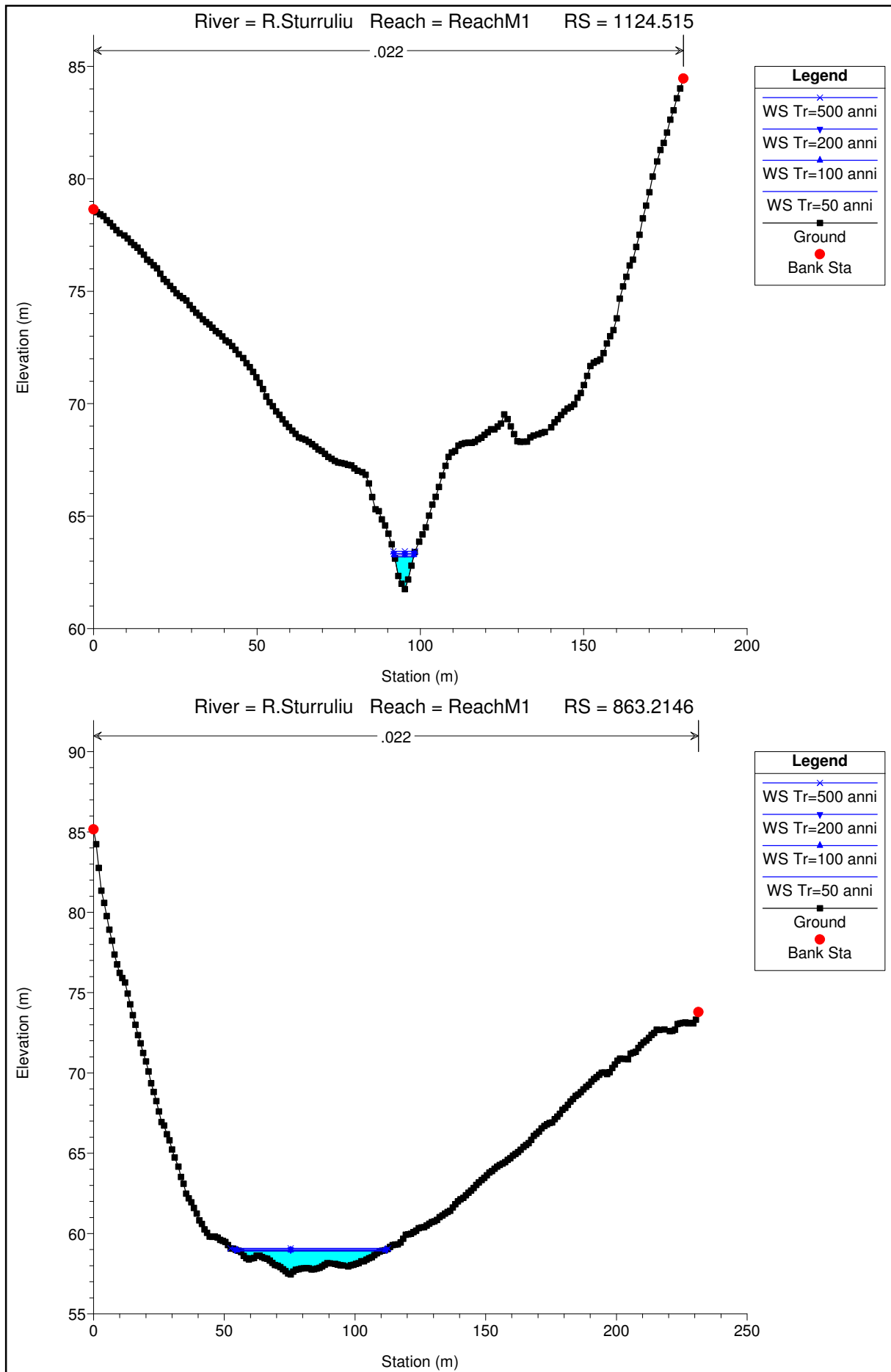


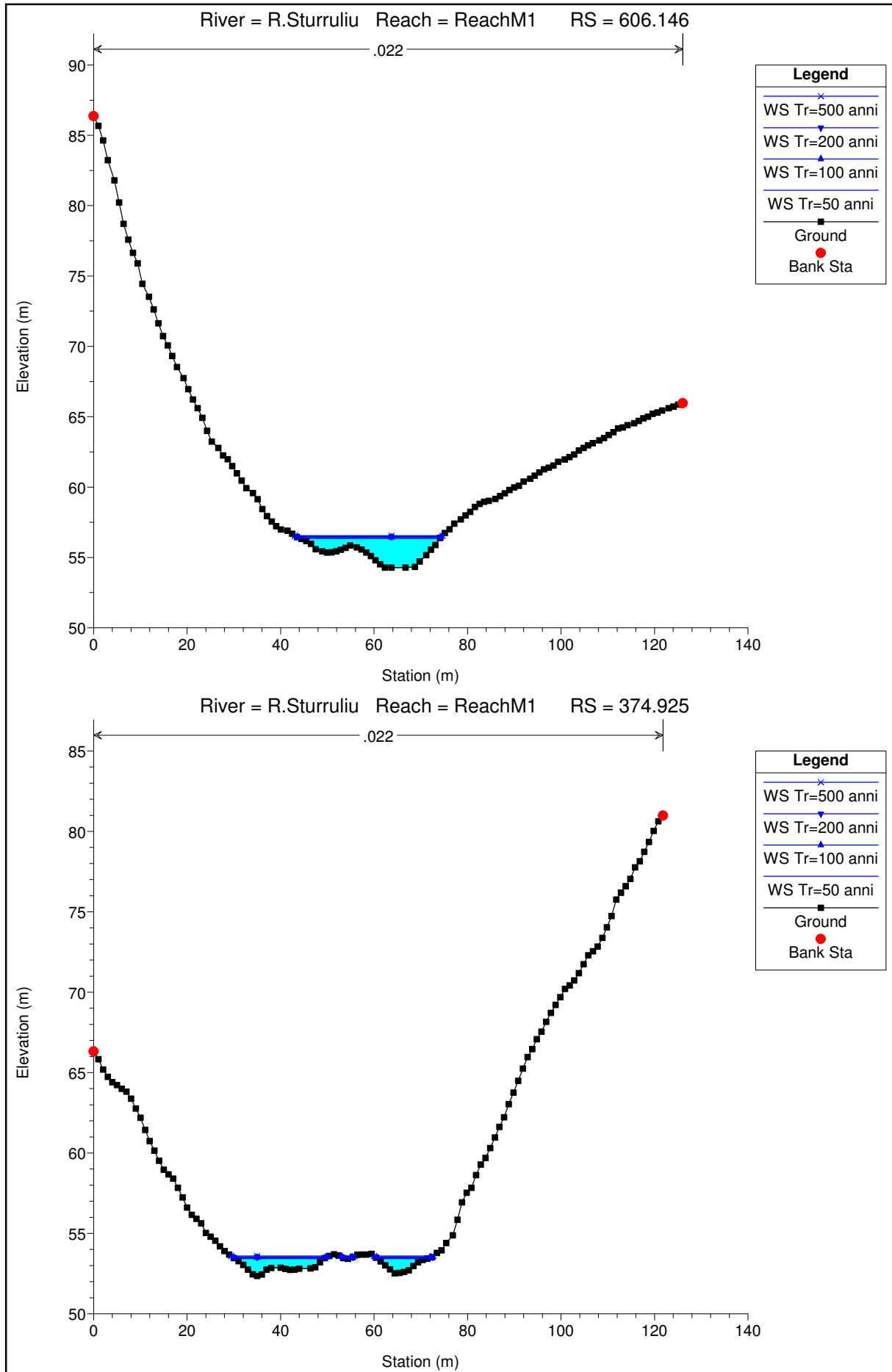


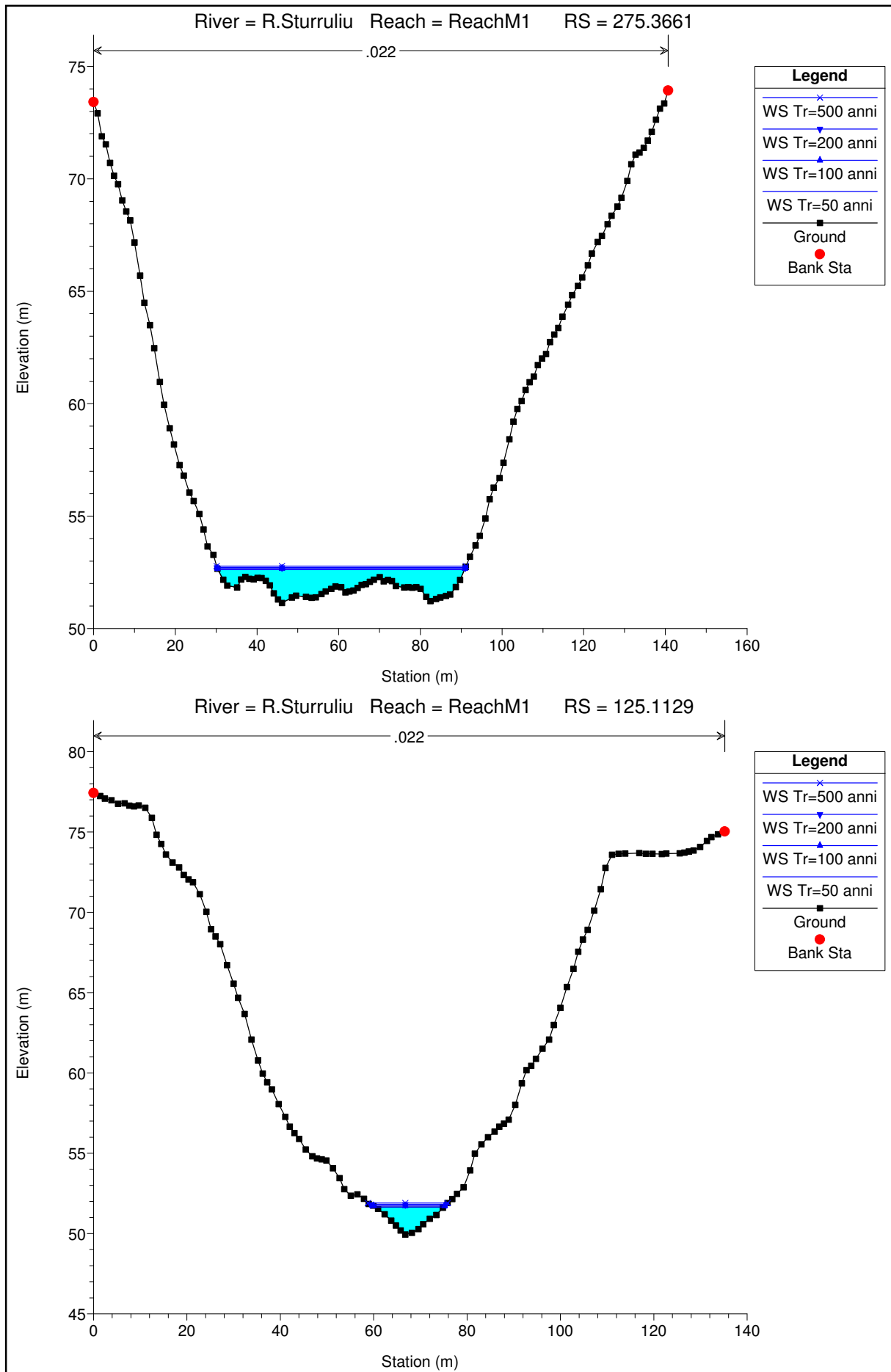


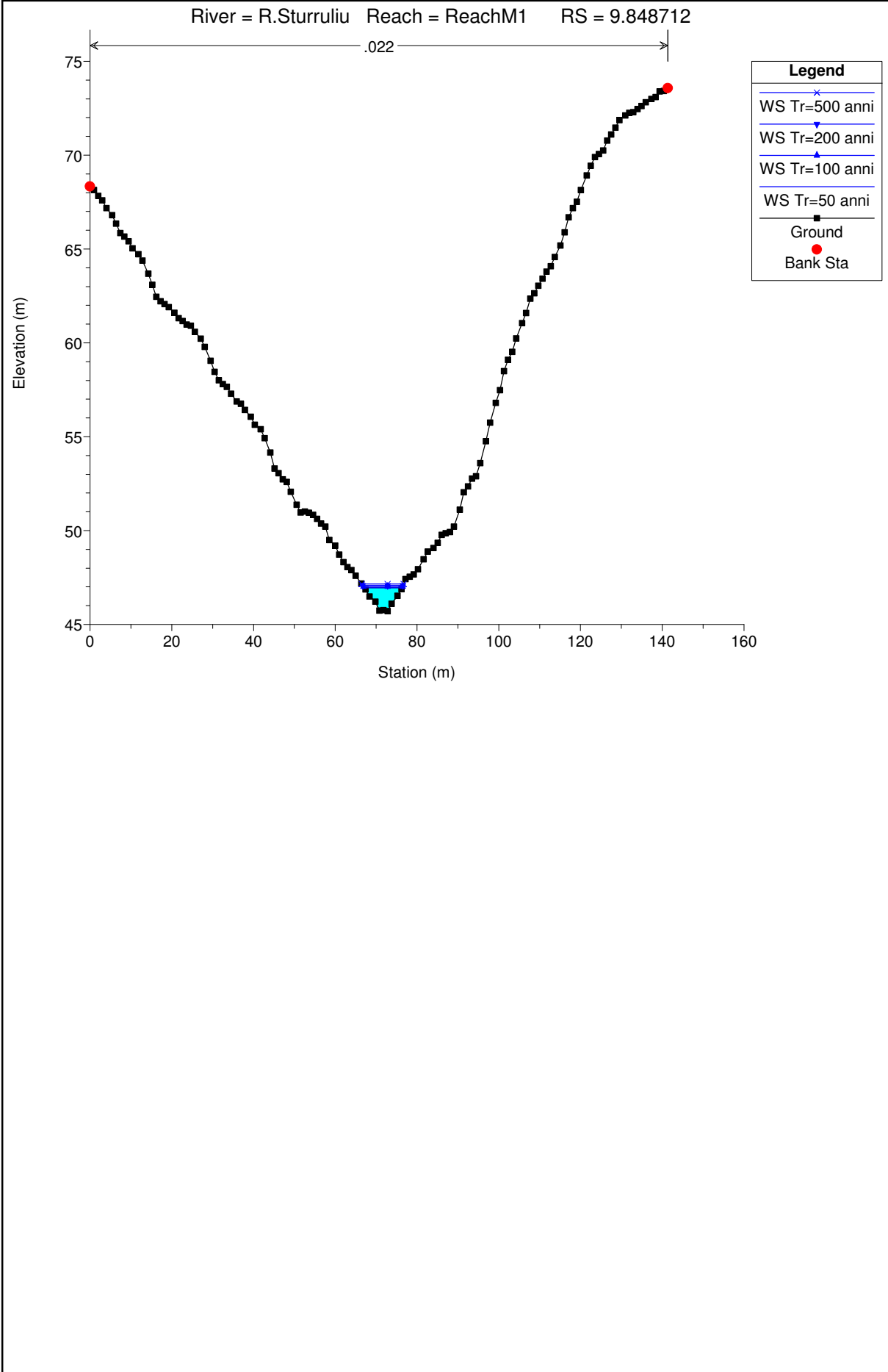




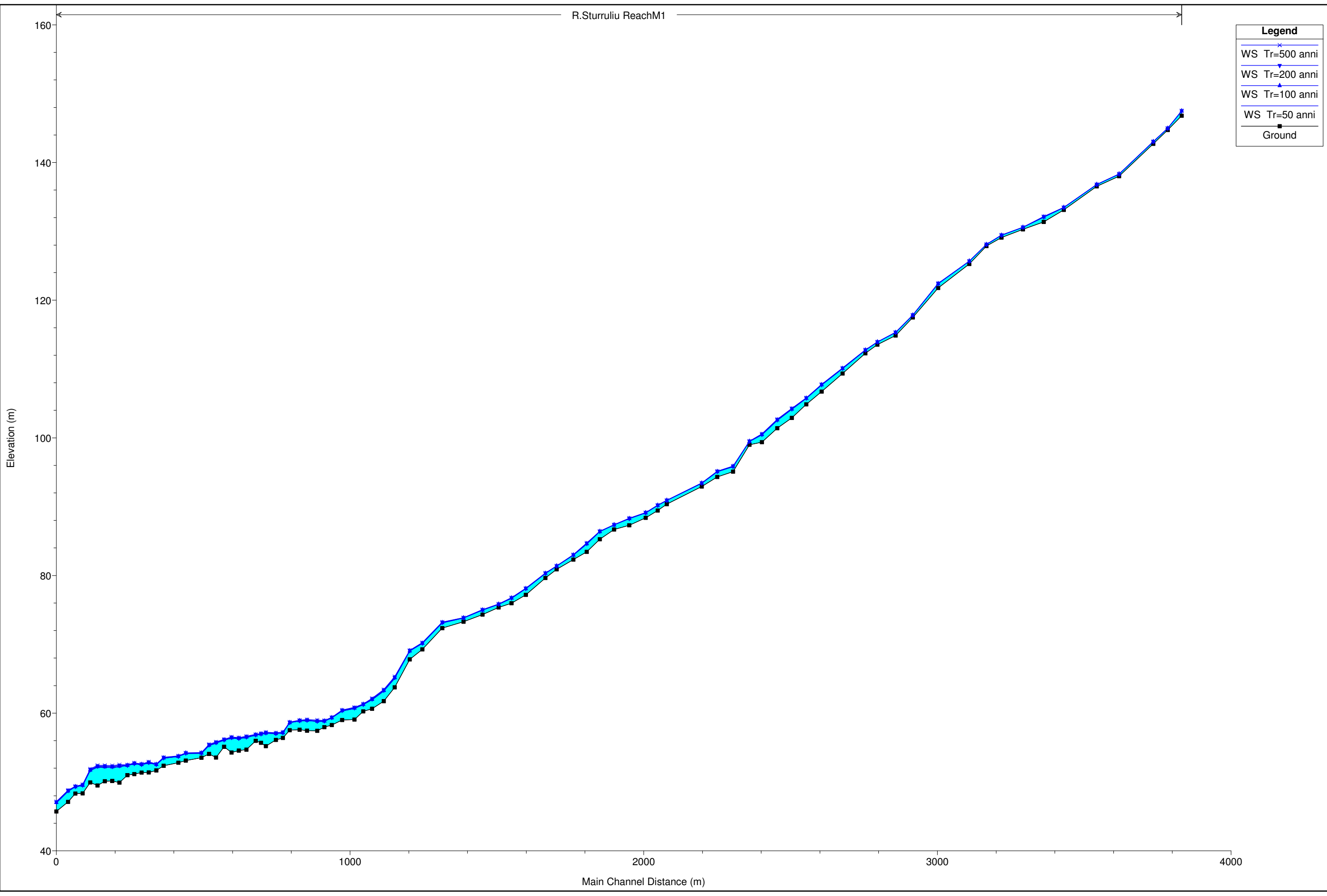








R.Sturruli ReachM1



Legend

- WS Tr=500 anni
- WS Tr=200 anni
- WS Tr=100 anni
- WS Tr=50 anni
- Ground

