

Apêndice 16.

Tabela 1. Características hidráulicas da simulação do cenário atual (sem reservatório) considerando diferentes vazões máximas de projeto.

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Indinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
102	1.67	13418.73	120.5	133.4	133.41	0.000073	0.61	22333.31	2048.36	0.06
102	2	14660.73	120.5	133.93	133.95	0.000074	0.64	23433.74	2053.79	0.06
102	5	19764.34	120.5	135.8	135.83	0.000088	0.77	27510.94	2303.56	0.07
102	10	23143.38	120.5	136.88	136.91	0.000093	0.83	30022.03	2405.12	0.07
102	25	27412.79	120.5	138.09	138.13	0.000102	0.92	33298.76	2944.24	0.07
102	50	30580.1	120.5	138.91	138.95	0.000108	0.97	35820.66	3170.27	0.08
102	100	33724	120.5	139.7	139.74	0.000124	1.08	38394.79	3316.79	0.08
102	1000	44084.18	120.5	141.87	141.92	0.000129	1.19	45777.44	3604.62	0.09
101	1.67	13418.73	114.23	133.01	133.04	0.000088	0.84	17645.16	1850.69	0.07
101	2	14660.73	114.23	133.53	133.57	0.000092	0.88	18633.16	1938.1	0.07
101	5	19764.34	114.23	135.32	135.37	0.000109	1.02	22305.81	2131.13	0.08
101	10	23143.38	114.23	136.36	136.41	0.000118	1.11	24560.55	2225.39	0.08
101	25	27412.79	114.23	137.52	137.59	0.00013	1.21	27295.43	2428.62	0.09
101	50	30580.1	114.23	138.3	138.37	0.000137	1.27	29229.89	2556.53	0.09
101	100	33724	114.23	139.03	139.1	0.000143	1.33	31158.34	2768.34	0.09
101	1000	44084.18	114.23	141.14	141.24	0.000159	1.49	37808.57	3618.07	0.1
100	1.67	13418.73	114.91	132.32	132.33	0.000082	0.52	25830.69	3200.09	0.06
100	2	14660.73	114.91	132.81	132.82	0.000085	0.53	27446.24	3372.12	0.06
100	5	19764.34	114.91	134.56	134.58	0.000082	0.59	33420.08	3433.15	0.06
100	10	23143.38	114.91	135.58	135.6	0.000082	0.63	37033.68	3877.16	0.06
100	25	27412.79	114.91	136.71	136.73	0.000083	0.67	41909.29	4721.91	0.06
100	50	30580.1	114.91	137.48	137.5	0.000083	0.7	45756.49	5294.19	0.06
100	100	33724	114.91	138.19	138.22	0.000083	0.72	49714.74	5824.58	0.06
100	1000	44084.18	114.91	140.3	140.33	0.000081	0.78	63712.74	7577.46	0.06
99	1.67	13418.73	114.43	131.93	131.96	0.000105	0.83	19869.29	2540.91	0.07
99	2	14660.73	114.43	132.4	132.43	0.000107	0.86	21106.23	2600.87	0.07
99	5	19764.34	114.43	134.15	134.19	0.000113	0.96	26061.54	3197.78	0.08
99	10	23143.38	114.43	135.16	135.21	0.000116	1.01	29420.67	3373.93	0.08

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
99	25	27412.79	114.43	136.29	136.34	0.000118	1.06	33246.15	3399.38	0.08
99	50	30580.1	114.43	137.06	137.11	0.000119	1.1	35852.93	3416.62	0.08
99	100	33724	114.43	137.77	137.82	0.000121	1.14	38280.27	3432.59	0.08
99	1000	44084.18	114.43	139.87	139.93	0.000126	1.24	45541.25	3483.97	0.09
98	1.67	13418.73	117.94	131.49	131.51	0.000087	0.67	25157.41	3477.23	0.06
98	2	14660.73	117.94	131.97	131.99	0.000086	0.68	26825.17	3539.34	0.06
98	5	19764.34	117.94	133.72	133.74	0.000084	0.74	33121.89	3642.5	0.06
98	10	23143.38	117.94	134.72	134.75	0.000084	0.77	36813.17	3681.5	0.07
98	25	27412.79	117.94	135.85	135.87	0.000084	0.82	40975.34	3712.97	0.07
98	50	30580.1	117.94	136.61	136.63	0.000085	0.85	43804.57	3741.2	0.07
98	100	33724	117.94	137.31	137.34	0.000087	0.88	46442.52	3769.1	0.07
98	1000	44084.18	117.94	139.39	139.43	0.00009	0.97	54344.71	3826.27	0.07
97	1.67	13586.83	115.93	131.05	131.08	0.000103	0.69	20969.05	2501.81	0.07
97	2	14839.02	115.93	131.53	131.55	0.000104	0.71	22242.16	2873.42	0.07
97	5	19984.53	115.93	133.26	133.3	0.00011	0.81	28155.64	4140.7	0.07
97	10	23391.31	115.93	134.28	134.31	0.000108	0.85	32911.58	5370.55	0.07
97	25	27695.78	115.93	135.4	135.44	0.000108	0.89	39434.1	6066.52	0.07
97	50	30889.09	115.93	136.17	136.2	0.000104	0.9	44119.05	6160.54	0.07
97	100	34058.82	115.93	136.87	136.91	0.000101	0.92	48513.82	6233.86	0.07
97	1000	44514.25	115.93	138.97	139.01	0.000091	0.95	61778	6607.01	0.07
96	1.67	13586.83	118.67	130.45	130.48	0.000166	0.81	17367.36	2199.1	0.09
96	2	14839.02	118.67	130.92	130.95	0.000167	0.83	18406.75	2250.12	0.09
96	5	19984.53	118.67	132.63	132.67	0.000169	0.94	22338.02	2352.22	0.09
96	10	23391.31	118.67	133.63	133.68	0.000171	1	24735.54	2424.47	0.09
96	25	27695.78	118.67	134.74	134.8	0.000175	1.07	27485.54	2549.71	0.09
96	50	30889.09	118.67	135.51	135.57	0.000178	1.12	29484.39	2673.57	0.09
96	100	34058.82	118.67	136.21	136.27	0.000182	1.17	31402.05	2807.06	0.1
96	1000	44514.25	118.67	138.3	138.38	0.00019	1.3	37492.4	2991.01	0.1
95	1.67	13586.83	115.27	129.94	129.97	0.000111	0.77	18095.51	1724.47	0.07
95	2	14839.02	115.27	130.39	130.42	0.000116	0.81	18880.87	1734.64	0.07

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95	5	19984.53	115.27	132.05	132.1	0.000133	0.95	22064.69	2239.25	0.08
95	10	23391.31	115.27	133.02	133.08	0.000145	1.04	24401.58	2555.34	0.09
95	25	27695.78	115.27	134.1	134.17	0.000156	1.13	27239.69	2660.34	0.09
95	50	30889.09	115.27	134.86	134.92	0.000161	1.18	29252.66	2695.54	0.09
95	100	34058.82	115.27	135.54	135.61	0.000167	1.23	31130.11	2779.92	0.09
95	1000	44514.25	115.27	137.6	137.69	0.00018	1.38	36948.1	2868.25	0.1
94	1.67	13586.83	106.37	129.51	129.53	0.000072	0.49	27713.08	3396.37	0.05
94	2	14839.02	106.37	129.95	129.97	0.000073	0.51	29225.2	3462.51	0.06
94	5	19984.53	106.37	131.58	131.59	0.000078	0.57	35014.34	3638.36	0.06
94	10	23391.31	106.37	132.53	132.55	0.000079	0.61	38503.55	3695.23	0.06
94	25	27695.78	106.37	133.59	133.61	0.000082	0.65	42443.54	3742.98	0.06
94	50	30889.09	106.37	134.33	134.35	0.000083	0.68	45228.61	3767.2	0.06
94	100	34058.82	106.37	135	135.03	0.000084	0.71	47765.45	3788.29	0.06
94	1000	44514.25	106.37	137.01	137.04	0.000094	0.8	55520.09	3999.04	0.07
93	1.67	13586.83	115.31	129.13	129.16	0.000154	0.74	19264.6	2910.59	0.08
93	2	14839.02	115.31	129.57	129.6	0.000153	0.76	20547.47	2976	0.08
93	5	19984.53	115.31	131.18	131.22	0.000151	0.84	25703.57	3498.59	0.08
93	10	23391.31	115.31	132.13	132.17	0.00015	0.89	29264.64	3960.63	0.08
93	25	27695.78	115.31	133.19	133.23	0.000147	0.94	33495.45	4052.22	0.08
93	50	30889.09	115.31	133.92	133.96	0.000152	0.99	36637.05	4860.18	0.09
93	100	34058.82	115.31	134.59	134.63	0.000149	1.01	39927.43	4929.57	0.09
93	1000	44514.25	115.31	136.59	136.64	0.00014	1.07	50108.23	5420.24	0.09
92	1.67	13873.45	110	128.56	128.61	0.000197	1	15970.92	2805.86	0.1
92	2	15143.02	110	129	129.05	0.000199	1.03	17196.53	2820.04	0.1
92	5	20359.98	110	130.62	130.67	0.000199	1.12	21821.11	2900.63	0.1
92	10	23814.06	110	131.56	131.62	0.000198	1.17	24596.04	2951.21	0.1
92	25	28178.31	110	132.62	132.69	0.0002	1.24	27745.63	3032.68	0.1
92	50	31415.96	110	133.34	133.41	0.000202	1.28	29979.99	3146.67	0.1
92	100	34629.69	110	134.01	134.09	0.000203	1.32	32123.43	3211.8	0.1
92	1000	45248.9	110	136.02	136.1	0.000207	1.44	39050.29	3780.31	0.11

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91	1.67	13873.45	113.86	128.3	128.35	0.000257	0.95	15488.41	2337.63	0.1
91	2	15143.02	113.86	128.74	128.78	0.000255	0.98	16511.48	2355.3	0.1
91	5	20359.98	113.86	130.36	130.41	0.000247	1.08	20379.89	2420.94	0.11
91	10	23814.06	113.86	131.3	131.37	0.000246	1.14	22706.11	2496.47	0.11
91	25	28178.31	113.86	132.35	132.42	0.00025	1.22	25376.01	2585.73	0.11
91	50	31415.96	113.86	133.07	133.14	0.000252	1.27	27246.39	2646.47	0.11
91	100	34629.69	113.86	133.74	133.82	0.000255	1.32	29037.83	2699.91	0.11
91	1000	45248.9	113.86	135.73	135.83	0.000261	1.46	34531.45	2810.09	0.12
90	1.67	13873.45	117.02	128.02	128.07	0.000242	0.97	14961.75	1942.53	0.1
90	2	15143.02	117.02	128.46	128.51	0.000244	1	15813.46	1974.95	0.1
90	5	20359.98	117.02	130.07	130.13	0.000252	1.13	19099.62	2124.15	0.11
90	10	23814.06	117.02	131.02	131.09	0.000257	1.2	21342.81	2591.58	0.11
90	25	28178.31	117.02	132.06	132.14	0.000263	1.29	24161.74	2796.8	0.11
90	50	31415.96	117.02	132.77	132.85	0.000266	1.34	26212.57	3042.37	0.12
90	100	34629.69	117.02	133.44	133.53	0.000268	1.39	28378.74	3393.04	0.12
90	1000	45248.9	117.02	135.43	135.53	0.000268	1.52	35472.29	3681.34	0.12
89	1.67	13873.45	112.64	127.77	127.81	0.000153	0.89	17222.53	2356.24	0.08
89	2	15143.02	112.64	128.2	128.24	0.000158	0.93	18260.89	2471.6	0.09
89	5	20359.98	112.64	129.81	129.86	0.000169	1.04	22535.73	2815.45	0.09
89	10	23814.06	112.64	130.75	130.8	0.000174	1.11	25266.6	3018.4	0.09
89	25	28178.31	112.64	131.79	131.85	0.00018	1.18	28543.02	3267.49	0.1
89	50	31415.96	112.64	132.49	132.56	0.000185	1.23	30901.01	3417.64	0.1
89	100	34629.69	112.64	133.16	133.23	0.000187	1.28	33273.65	3775.08	0.1
89	1000	45248.9	112.64	135.16	135.24	0.000188	1.38	41480.44	4376.9	0.1
88	1.67	13873.45	116.09	127.51	127.55	0.000203	0.91	16413.71	2539.54	0.09
88	2	15143.02	116.09	127.93	127.97	0.000204	0.94	17501.16	2569.63	0.1
88	5	20359.98	116.09	129.53	129.58	0.000206	1.04	21682.9	2662.78	0.1
88	10	23814.06	116.09	130.46	130.52	0.000207	1.1	24197.43	2708.55	0.1
88	25	28178.31	116.09	131.5	131.56	0.000211	1.17	27017.75	2759	0.1
88	50	31415.96	116.09	132.2	132.27	0.000215	1.22	28966.17	2798.31	0.1
88	100	34629.69	116.09	132.86	132.93	0.000218	1.27	30831.52	2839.88	0.11

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88	1000	45248.9	116.09	134.84	134.93	0.000228	1.41	36605.64	2998.99	0.11
86	1.67	13873.45	115.71	126.7	126.75	0.000314	1.01	13971.45	1861.67	0.11
86	2	15143.02	115.71	127.12	127.18	0.000315	1.04	14759.95	1893.97	0.12
86	5	20359.98	115.71	128.7	128.77	0.000314	1.17	17900.13	2238.6	0.12
86	10	23814.06	115.71	129.63	129.71	0.000313	1.24	20086.83	2427.32	0.12
86	25	28178.31	115.71	130.64	130.73	0.00032	1.33	22578.03	2513.53	0.12
86	50	31415.96	115.71	131.33	131.42	0.000323	1.39	24319.72	2568.47	0.12
86	100	34629.69	115.71	131.97	132.07	0.000325	1.44	25999.94	2620.39	0.13
86	1000	45248.9	115.71	133.92	134.04	0.00033	1.59	31256.2	2775.29	0.13
85	1.67	13873.45	112.82	126.19	126.24	0.000291	1.02	13948.6	1792	0.11
85	2	15143.02	112.82	126.61	126.66	0.000295	1.06	14700.01	1821.42	0.11
85	5	20359.98	112.82	128.17	128.25	0.000308	1.2	17847.48	2256.52	0.12
85	10	23814.06	112.82	129.1	129.18	0.000308	1.27	19980.07	2345.85	0.12
85	25	28178.31	112.82	130.09	130.18	0.000317	1.36	22353.59	2446.11	0.12
85	50	31415.96	112.82	130.77	130.87	0.000322	1.42	24057.2	2599.37	0.13
85	100	34629.69	112.82	131.41	131.51	0.000326	1.48	25766.46	2740.64	0.13
85	1000	45248.9	112.82	133.34	133.46	0.000333	1.63	31391.07	3126.32	0.13
84	1.67	13873.45	109.73	125.74	125.8	0.000289	1.1	13498.04	1981.32	0.11
84	2	15143.02	109.73	126.15	126.21	0.000295	1.14	14320.65	2042.22	0.11
84	5	20359.98	109.73	127.7	127.78	0.000305	1.28	18212.31	3075.94	0.12
84	10	23814.06	109.73	128.63	128.72	0.0003	1.34	21228.19	3387.8	0.12
84	25	28178.31	109.73	129.63	129.72	0.000298	1.4	24687.27	3528.18	0.12
84	50	31415.96	109.73	130.31	130.4	0.000294	1.44	27102.16	3587.51	0.12
84	100	34629.69	109.73	130.95	131.05	0.00029	1.47	29432.96	3645.03	0.12
84	1000	45248.9	109.73	132.9	133	0.000282	1.57	36947.3	4052.91	0.12
83	1.67	13873.45	113.11	125.32	125.38	0.000279	1.07	13135.59	1632.8	0.11
83	2	15143.02	113.11	125.72	125.78	0.000288	1.12	13796.31	1694.46	0.11
83	5	20359.98	113.11	127.24	127.33	0.000314	1.29	16684.89	2215.12	0.12
83	10	23814.06	113.11	128.17	128.26	0.000323	1.37	18803.25	2331.34	0.12
83	25	28178.31	113.11	129.15	129.26	0.000336	1.47	21143.97	2428.79	0.13

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83	50	31415.96	113.11	129.83	129.94	0.000344	1.54	22791.3	2489.55	0.13
83	100	34629.69	113.11	130.47	130.59	0.000349	1.6	24404.62	2546.25	0.13
83	1000	45248.9	113.11	132.4	132.54	0.000359	1.76	29449.02	2656.03	0.14
82	1.67	13873.45	112.75	124.75	124.82	0.000387	1.14	12265.83	1718.94	0.13
82	2	15143.02	112.75	125.13	125.2	0.000396	1.19	12926.91	1768.64	0.13
82	5	20359.98	112.75	126.58	126.67	0.000457	1.34	15731.6	2303.33	0.14
82	10	23814.06	112.75	127.47	127.57	0.000504	1.4	18182.33	3119.5	0.15
82	25	28178.31	112.75	128.46	128.56	0.000483	1.46	21436.79	3422.25	0.15
82	50	31415.96	112.75	129.14	129.24	0.000459	1.49	23781.33	3473.78	0.15
82	100	34629.69	112.75	129.79	129.9	0.000439	1.51	26077.66	3558.71	0.14
82	1000	45248.9	112.75	131.76	131.87	0.000384	1.57	33151.77	3618.17	0.14
81	1.67	13873.45	116	124.22	124.3	0.000746	1.3	10889.05	2011.89	0.17
81	2	15143.02	116	124.6	124.69	0.000721	1.33	11662.95	2042.89	0.17
81	5	20359.98	116	126.04	126.14	0.000646	1.44	14907.56	2509.98	0.16
81	10	23814.06	116	126.92	127.03	0.0006	1.49	17229.28	2784.9	0.16
81	25	28178.31	116	127.94	128.05	0.000553	1.54	20089.42	2852.21	0.16
81	50	31415.96	116	128.64	128.76	0.000525	1.57	22126.46	2910.8	0.15
81	100	34629.69	116	129.32	129.44	0.000499	1.59	24084.89	2922.49	0.15
81	1000	45248.9	116	131.34	131.46	0.000443	1.68	30039.73	2971.12	0.15
80	1.67	13873.45	110.55	123.3	123.34	0.000305	0.97	15258.2	2299.19	0.11
80	2	15143.02	110.55	123.7	123.75	0.000303	1	16181.66	2323.85	0.11
80	5	20359.98	110.55	125.19	125.25	0.000297	1.11	19779.52	2542.18	0.11
80	10	23814.06	110.55	126.1	126.17	0.000298	1.18	22133.19	2625.07	0.12
80	25	28178.31	110.55	127.16	127.23	0.000291	1.24	24964.02	2730.51	0.12
80	50	31415.96	110.55	127.89	127.96	0.000287	1.28	26985.22	2818.11	0.12
80	100	34629.69	110.55	128.58	128.66	0.000283	1.32	28978.79	2934.14	0.12
80	1000	45248.9	110.55	130.65	130.75	0.000274	1.44	35460.83	3339.31	0.12
76	1.67	13873.45	106.24	121.33	121.38	0.000337	1.03	13934.57	2079.39	0.12
76	2	15143.02	106.24	121.74	121.79	0.000336	1.07	14785.56	2107.05	0.12
76	5	20359.98	106.24	123.25	123.32	0.000332	1.19	18011.69	2156.84	0.12

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
76	10	23814.06	106.24	124.15	124.23	0.000331	1.26	19970.36	2182.24	0.12
76	25	28178.31	106.24	125.23	125.32	0.000327	1.33	22407.44	2396.06	0.12
76	50	31415.96	106.24	125.97	126.06	0.000326	1.39	24199.85	2465.07	0.13
76	100	34629.69	106.24	126.68	126.78	0.000323	1.43	25969.77	2530.98	0.13
76	1000	45248.9	106.24	128.78	128.89	0.000319	1.57	31729.4	3018.8	0.13
75	1.67	13873.45	110.62	120.47	120.58	0.000671	1.49	9573.74	1542.48	0.17
75	2	15143.02	110.62	120.87	120.99	0.000674	1.54	10213.25	1643.17	0.17
75	5	20359.98	110.62	122.38	122.53	0.000665	1.71	12958.27	1947.62	0.17
75	10	23814.06	110.62	123.29	123.45	0.000646	1.79	14761.93	2005.42	0.17
75	25	28178.31	110.62	124.39	124.56	0.000617	1.86	17000.96	2063.85	0.17
75	50	31415.96	110.62	125.14	125.31	0.000603	1.91	18552.24	2103.39	0.17
75	100	34629.69	110.62	125.86	126.03	0.000588	1.96	20077.44	2141.54	0.17
75	1000	45248.9	110.62	127.97	128.17	0.000557	2.1	24766.51	2331.15	0.17
74	1.67	13873.45	109.25	119.87	119.98	0.000628	1.47	9647.63	1359.77	0.16
74	2	15143.02	109.25	120.27	120.38	0.000637	1.53	10188.9	1379.32	0.16
74	5	20359.98	109.25	121.76	121.91	0.000661	1.73	12302.71	1455.49	0.17
74	10	23814.06	109.25	122.66	122.83	0.000668	1.84	13667.19	1582.47	0.18
74	25	28178.31	109.25	123.77	123.95	0.000668	1.96	15512.77	1733.04	0.18
74	50	31415.96	109.25	124.52	124.71	0.000663	2.03	16835.52	1806.07	0.18
74	100	34629.69	109.25	125.24	125.45	0.000653	2.09	18175.99	1885.92	0.18
74	1000	45248.9	109.25	127.38	127.61	0.000625	2.25	23111.66	2711.65	0.18
73	1.67	13873.45	105.64	118.67	118.77	0.000561	1.46	9595.87	1386.22	0.17
73	2	15143.02	105.64	119.06	119.17	0.000559	1.51	10136.59	1391.4	0.18
73	5	20359.98	105.64	120.54	120.68	0.000551	1.69	12209.43	1410.24	0.18
73	10	23814.06	105.64	121.44	121.6	0.000545	1.79	13494.79	1455.7	0.18
73	25	28178.31	105.64	122.56	122.74	0.00053	1.9	15270.96	1660.12	0.18
73	50	31415.96	105.64	123.32	123.51	0.000526	1.98	16555.29	1736.66	0.18
73	100	34629.69	105.64	124.06	124.27	0.000515	2.04	17870.78	1787.17	0.18
73	1000	45248.9	105.64	126.23	126.47	0.000499	2.23	21945.93	2031.44	0.19
72	1.67	13873.45	108.53	117.82	118.06	0.00036	2.16	6423.33	1123.73	0.29

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
72	2	15143.02	108.53	118.22	118.47	0.000351	2.2	6873.24	1145.25	0.29
72	5	20359.98	108.53	119.74	120.02	0.000312	2.35	8663.11	1198.96	0.28
72	10	23814.06	108.53	120.67	120.97	0.000293	2.43	9790.77	1226.91	0.27
72	25	28178.31	108.53	121.81	122.13	0.000281	2.51	11232.64	1303.98	0.27
72	50	31415.96	108.53	122.58	122.92	0.000273	2.57	12255.75	1374.9	0.27
72	100	34629.69	108.53	123.32	123.67	0.000283	2.6	13362	1581.39	0.28
72	1000	45248.9	108.53	125.57	125.94	0.000237	2.7	17294.01	1860.26	0.26
71	1.67	13873.45	105.44	117.53	117.71	0.000212	1.84	7650.36	1201.44	0.23
71	2	15143.02	105.44	117.94	118.12	0.000208	1.89	8139.39	1213.08	0.23
71	5	20359.98	105.44	119.49	119.71	0.000193	2.08	10042.56	1243.54	0.23
71	10	23814.06	105.44	120.43	120.67	0.000186	2.19	11231.87	1283.78	0.23
71	25	28178.31	105.44	121.58	121.85	0.000177	2.31	12739.01	1338.74	0.23
71	50	31415.96	105.44	122.35	122.64	0.000174	2.39	13782.45	1367.12	0.23
71	100	34629.69	105.44	123.08	123.39	0.000171	2.47	14792.34	1389.82	0.23
71	1000	45248.9	105.44	125.33	125.69	0.000163	2.7	18002.76	1467.52	0.23
70	1.67	13873.45	99.69	117.31	117.47	0.000114	1.76	7969.88	886.91	0.18
70	2	15143.02	99.69	117.71	117.88	0.00012	1.84	8324.9	901.49	0.18
70	5	20359.98	99.69	119.22	119.46	0.000137	2.15	9769.17	1067.3	0.2
70	10	23814.06	99.69	120.14	120.42	0.000145	2.32	10807.23	1179.45	0.21
70	25	28178.31	99.69	121.28	121.59	0.000151	2.5	12198.5	1264.62	0.22
70	50	31415.96	99.69	122.03	122.38	0.000155	2.63	13174.79	1309.27	0.22
70	100	34629.69	99.69	122.76	123.13	0.000158	2.74	14126.57	1327.01	0.22
70	1000	45248.9	99.69	124.98	125.43	0.000164	3.06	17132.18	1381.55	0.23
69	1.67	13873.45	105.62	116.95	117.18	0.000257	2.13	6612.58	984.24	0.25
69	2	15143.02	105.62	117.34	117.59	0.000257	2.2	7007.13	1047.15	0.26
69	5	20359.98	105.62	118.84	119.15	0.000252	2.46	8732.33	1316.86	0.26
69	10	23814.06	105.62	119.76	120.1	0.000245	2.59	10069.9	1580.12	0.26
69	25	28178.31	105.62	120.91	121.28	0.000233	2.72	12066.51	1974.39	0.26
69	50	31415.96	105.62	121.69	122.07	0.000225	2.79	13651.86	2129.15	0.26
69	100	34629.69	105.62	122.43	122.82	0.000216	2.85	15281.37	2236.97	0.26
69	1000	45248.9	105.62	124.72	125.12	0.000189	2.98	20710.42	2569.35	0.25

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
68	1.67	13873.45	86.93	116.83	116.99	0.000085	1.79	8059.07	692.05	0.16
68	2	15143.02	86.93	117.21	117.39	0.000092	1.9	8320.94	695.45	0.17
68	5	20359.98	86.93	118.67	118.93	0.000117	2.29	9342.03	708.53	0.19
68	10	23814.06	86.93	119.56	119.88	0.000131	2.52	10018.05	812.87	0.2
68	25	28178.31	86.93	120.66	121.05	0.000148	2.79	11053.06	1005.24	0.22
68	50	31415.96	86.93	121.39	121.83	0.000158	2.96	11794.51	1008.74	0.23
68	100	34629.69	86.93	122.1	122.58	0.000166	3.11	12506.22	1012.09	0.23
68	1000	45248.9	86.93	124.25	124.87	0.000188	3.56	14691.9	1019.32	0.25
67.5	1.67	13873.45	61.21	116.86	116.96	0.000034	1.4	9911.83	455.12	0.1
67.5	2	15143.02	61.21	117.24	117.35	0.000041	1.5	10089.53	485.23	0.11
67.5	5	20359.98	61.21	118.69	118.87	0.000064	1.88	10843.96	544.52	0.13
67.5	10	23814.06	61.21	119.59	119.81	0.000079	2.11	11347.49	583.54	0.15
67.5	25	28178.31	61.21	120.69	120.97	0.0001	2.36	12016.7	645.88	0.17
67.5	50	31415.96	61.21	121.42	121.75	0.000126	2.54	12526.54	743.01	0.19
67.5	100	34629.69	61.21	122.12	122.49	0.000143	2.69	13065.16	790.52	0.2
67.5	1000	45248.9	61.21	124.27	124.77	0.000173	3.13	14852.09	863.43	0.22
67	1.67	13873.45	83.93	116.84	116.91	0.000038	1.22	11413.49	881	0.11
67	2	15143.02	83.93	117.22	117.3	0.000042	1.29	11747.31	893.58	0.11
67	5	20359.98	83.93	118.67	118.8	0.000056	1.56	13069.27	920.04	0.13
67	10	23814.06	83.93	119.57	119.72	0.000064	1.71	13902.86	937.29	0.14
67	25	28178.31	83.93	120.68	120.86	0.000071	1.89	14946.84	948.58	0.15
67	50	31415.96	83.93	121.41	121.61	0.000077	2.01	15642.03	953.81	0.16
67	100	34629.69	83.93	122.11	122.34	0.000082	2.12	16316.47	962.53	0.16
67	1000	45248.9	83.93	124.28	124.58	0.000095	2.46	18503.53	1062.61	0.18
64	1.67	14158.5	105.89	116.13	116.44	0.000529	2.49	5692.28	1076.68	0.35
64	2	15445.36	105.89	116.46	116.79	0.000523	2.55	6055.07	1092.56	0.35
64	5	20733.38	105.89	117.8	118.19	0.000484	2.74	7565.17	1156.29	0.34
64	10	24234.5	105.89	118.65	119.06	0.000458	2.83	8563.28	1197.76	0.34
64	25	28658.21	105.89	119.72	120.14	0.000476	2.88	9951.67	1403.76	0.34
64	50	31939.93	105.89	120.45	120.88	0.000428	2.91	10986.1	1417.23	0.33

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
64	100	35197.44	105.89	121.16	121.6	0.000391	2.94	12000.48	1432.97	0.32
64	1000	45980.44	105.89	123.36	123.83	0.000311	3.05	15211.28	1486.91	0.3
63	1.67	14158.5	105.78	115.42	115.76	0.000637	2.58	5484.9	1124.97	0.37
63	2	15445.36	105.78	115.79	116.14	0.0006	2.62	5895.85	1131.98	0.37
63	5	20733.38	105.78	117.23	117.61	0.000497	2.74	7557.21	1187.76	0.35
63	10	24234.5	105.78	118.12	118.53	0.000452	2.81	8646.64	1251.63	0.34
63	25	28658.21	105.78	119.21	119.63	0.000403	2.88	10024.5	1293.9	0.32
63	50	31939.93	105.78	119.97	120.41	0.000379	2.93	11034.9	1335.7	0.32
63	100	35197.44	105.78	120.71	121.16	0.000364	2.97	12034.39	1387.94	0.31
63	1000	45980.44	105.78	122.99	123.47	0.000301	3.08	15312.38	1501.89	0.29
62	1.67	14158.5	99.18	114.72	114.97	0.000409	2.21	6494.62	1399.48	0.3
62	2	15445.36	99.18	115.14	115.39	0.000377	2.23	7091.2	1430.03	0.3
62	5	20733.38	99.18	116.74	117	0.000296	2.32	9446.59	1524.54	0.27
62	10	24234.5	99.18	117.69	117.97	0.000265	2.38	10927.38	1581.17	0.26
62	25	28658.21	99.18	118.83	119.12	0.000238	2.45	12799.37	1748.25	0.25
62	50	31939.93	99.18	119.63	119.93	0.000223	2.5	14236.23	1844.85	0.25
62	100	35197.44	99.18	120.39	120.7	0.000212	2.54	15672.95	1925.2	0.25
62	1000	45980.44	99.18	122.75	123.08	0.000179	2.65	20377.66	2064.62	0.23
61	1.67	14158.5	102.31	114.41	114.64	0.000218	2.1	7017.04	1131.1	0.24
61	2	15445.36	102.31	114.84	115.08	0.000217	2.17	7509.67	1184.49	0.24
61	5	20733.38	102.31	116.44	116.73	0.000212	2.41	9523.21	1302.1	0.24
61	10	24234.5	102.31	117.39	117.71	0.00021	2.54	10772.03	1326.52	0.24
61	25	28658.21	102.31	118.52	118.87	0.000206	2.69	12293.92	1355.67	0.25
61	50	31939.93	102.31	119.32	119.69	0.000203	2.79	13378.6	1376.07	0.25
61	100	35197.44	102.31	120.07	120.47	0.000201	2.88	14420.77	1395.39	0.25
61	1000	45980.44	102.31	122.4	122.86	0.000193	3.14	17729.06	1437.54	0.25
60	1.67	14158.5	78.7	114.34	114.48	0.000034	1.64	8653.29	374.9	0.11
60	2	15445.36	78.7	114.75	114.91	0.000039	1.75	8807.2	377.85	0.12
60	5	20733.38	78.7	116.27	116.52	0.000059	2.21	9393.6	392.06	0.14
60	10	24234.5	78.7	117.17	117.48	0.000074	2.49	9749.19	403.5	0.16

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
60	25	28658.21	78.7	118.21	118.62	0.000094	2.82	10178.23	418.73	0.18
60	50	31939.93	78.7	118.93	119.41	0.000109	3.05	10483.95	426.42	0.2
60	100	35197.44	78.7	119.62	120.16	0.000123	3.27	10776.53	433.65	0.21
60	1000	45980.44	78.7	121.71	122.49	0.000168	3.93	11717.37	469.32	0.25
59	1.67	14158.5	88.81	114.19	114.39	0.00012	1.99	7109.95	612.25	0.19
59	2	15445.36	88.81	114.59	114.81	0.000128	2.1	7353.88	615.87	0.19
59	5	20733.38	88.81	116.07	116.39	0.000161	2.5	8330.16	767.85	0.22
59	10	24234.5	88.81	116.94	117.32	0.000176	2.74	9058.21	865.08	0.23
59	25	28658.21	88.81	117.97	118.43	0.000193	3.01	9964.53	901.29	0.25
59	50	31939.93	88.81	118.69	119.2	0.000204	3.19	10621.71	926.82	0.26
59	100	35197.44	88.81	119.37	119.93	0.000214	3.35	11260.48	950.97	0.26
59	1000	45980.44	88.81	121.47	122.2	0.000238	3.83	13329.52	1016.9	0.28
58.5	1.67	14158.5	90.77	113.67	114.22	0.000482	3.3	4299.28	477.19	0.35
58.5	2	15445.36	90.77	114.02	114.63	0.000511	3.47	4467.39	481.95	0.36
58.5	5	20733.38	90.77	115.31	116.16	0.000641	4.07	5111.96	515.76	0.41
58.5	10	24234.5	90.77	116.08	117.07	0.000749	4.41	5521.74	557.3	0.44
58.5	25	28658.21	90.77	116.98	118.14	0.000825	4.77	6037.88	583.63	0.47
58.5	50	31939.93	90.77	117.62	118.9	0.00086	5.01	6415.43	595.91	0.48
58.5	100	35197.44	90.77	118.23	119.61	0.000887	5.22	6801.3	659.46	0.5
58.5	1000	45980.44	90.77	120.14	121.84	0.000951	5.79	8160.68	763.92	0.52
58	1.67	14158.5	91.23	113.67	113.89	0.000139	2.09	6974.92	721.29	0.2
58	2	15445.36	91.23	114.03	114.27	0.000148	2.21	7233.16	723.18	0.21
58	5	20733.38	91.23	115.35	115.7	0.000184	2.65	8194.47	730.18	0.24
58	10	24234.5	91.23	116.12	116.55	0.000206	2.91	8760.12	734.26	0.25
58	25	28658.21	91.23	117.04	117.56	0.00023	3.21	9437.62	739.13	0.27
58	50	31939.93	91.23	117.69	118.28	0.000246	3.42	9921.39	751.08	0.28
58	100	35197.44	91.23	118.31	118.96	0.000261	3.61	10390.89	770.8	0.29
58	1000	45980.44	91.23	120.23	121.1	0.000302	4.19	11926.52	821.11	0.32
57	1.67	14158.5	92.17	113.52	113.72	0.000127	1.96	7240.62	703.71	0.19
57	2	15445.36	92.17	113.87	114.09	0.00014	2.07	7488.85	731.89	0.2

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
57	5	20733.38	92.17	115.15	115.47	0.000174	2.48	8449.85	756.81	0.23
57	10	24234.5	92.17	115.91	116.28	0.000194	2.73	9022.74	768.11	0.24
57	25	28658.21	92.17	116.8	117.26	0.000217	3.01	9716.75	777.07	0.26
57	50	31939.93	92.17	117.44	117.96	0.000231	3.21	10213.16	781.4	0.27
57	100	35197.44	92.17	118.04	118.63	0.000244	3.39	10687.13	786.53	0.28
57	1000	45980.44	92.17	119.94	120.71	0.000279	3.92	12196.35	802.85	0.3
56	1.67	14158.5	96.25	113.08	113.43	0.000305	2.62	5516.62	786.95	0.28
56	2	15445.36	96.25	113.39	113.78	0.000323	2.75	5764.58	818.55	0.29
56	5	20733.38	96.25	114.56	115.09	0.000385	3.25	6772.17	924.34	0.33
56	10	24234.5	96.25	115.24	115.86	0.000419	3.54	7424.52	990.68	0.34
56	25	28658.21	96.25	116.06	116.8	0.000451	3.86	8269.28	1054.06	0.36
56	50	31939.93	96.25	116.66	117.47	0.000466	4.05	8906.67	1064.6	0.37
56	100	35197.44	96.25	117.24	118.12	0.000478	4.23	9523	1072.45	0.38
56	1000	45980.44	96.25	119.07	120.16	0.000503	4.75	11671.79	1279.57	0.4
55	1.67	14158.5	93.07	113.02	113.18	0.000093	1.77	7993.89	677.18	0.16
55	2	15445.36	93.07	113.33	113.51	0.000102	1.88	8199.46	679.77	0.17
55	5	20733.38	93.07	114.47	114.74	0.000138	2.31	8981.71	690.83	0.2
55	10	24234.5	93.07	115.13	115.47	0.00016	2.57	9448.87	721.76	0.22
55	25	28658.21	93.07	115.94	116.36	0.000185	2.86	10057.55	782.29	0.24
55	50	31939.93	93.07	116.53	117.01	0.000201	3.07	10529.59	826.19	0.25
55	100	35197.44	93.07	117.09	117.63	0.000216	3.25	11006.14	868.26	0.26
55	1000	45980.44	93.07	118.89	119.62	0.000254	3.79	12686	1002.57	0.29
54	1.67	14158.5	91.84	112.59	112.9	0.000358	2.72	6695.76	1006.54	0.3
54	2	15445.36	91.84	112.85	113.2	0.000382	2.86	6964.12	1023.52	0.31
54	5	20733.38	91.84	113.85	114.34	0.000469	3.41	8016.37	1086.81	0.35
54	10	24234.5	91.84	114.42	115.01	0.000521	3.74	8652.85	1123.58	0.37
54	25	28658.21	91.84	115.15	115.84	0.000568	4.09	9474.18	1148.68	0.4
54	50	31939.93	91.84	115.68	116.46	0.000595	4.32	10092.57	1166.3	0.41
54	100	35197.44	91.84	116.21	117.05	0.000609	4.51	10714.34	1174.48	0.42
54	1000	45980.44	91.84	117.96	118.97	0.000624	5	12795.46	1201.45	0.43

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Indinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
53	1.67	14158.5	84.57	112.54	112.66	0.000051	1.54	9178.19	608.76	0.13
53	2	15445.36	84.57	112.79	112.93	0.000058	1.65	9333.66	612.33	0.14
53	5	20733.38	84.57	113.74	113.97	0.000087	2.09	9922.35	624.55	0.17
53	10	24234.5	84.57	114.29	114.57	0.000108	2.36	10263.33	631.27	0.19
53	25	28658.21	84.57	114.96	115.33	0.000134	2.68	10692.36	639.62	0.21
53	50	31939.93	84.57	115.46	115.89	0.000153	2.9	11012.92	645.79	0.22
53	100	35197.44	84.57	115.95	116.44	0.000171	3.11	11331.88	651.88	0.24
53	1000	45980.44	84.57	117.55	118.25	0.000239	3.71	12409.02	714.81	0.28
52	1.67	14158.5	81.73	112.31	112.53	0.000147	2.07	6960.32	709.75	0.2
52	2	15445.36	81.73	112.54	112.78	0.000163	2.21	7121.53	715.28	0.21
52	5	20733.38	81.73	113.37	113.75	0.00023	2.75	7721.26	731.97	0.26
52	10	24234.5	81.73	113.82	114.3	0.000277	3.1	8064	780.15	0.28
52	25	28658.21	81.73	114.38	115	0.000332	3.5	8523.82	853.91	0.31
52	50	31939.93	81.73	114.8	115.52	0.000369	3.77	8895.14	911.93	0.33
52	100	35197.44	81.73	115.22	116.04	0.000401	4.01	9281.72	922.15	0.35
52	1000	45980.44	81.73	116.61	117.72	0.000486	4.71	10568.41	946.15	0.39
51	1.67	14734.02	90.21	112.26	112.36	0.000052	1.43	10333.62	817.13	0.13
51	2	16055.78	90.21	112.48	112.6	0.000059	1.53	10518.95	865.69	0.13
51	5	21487.26	90.21	113.28	113.47	0.000088	1.93	11274.57	970.95	0.16
51	10	25083.37	90.21	113.72	113.97	0.000108	2.18	11705	981.99	0.18
51	25	29627.1	90.21	114.27	114.58	0.000134	2.47	12245.96	990.26	0.21
51	50	32997.85	90.21	114.68	115.05	0.000152	2.68	12654.15	997.34	0.22
51	100	36343.74	90.21	115.1	115.51	0.00017	2.87	13065.92	1004.43	0.23
51	1000	47455.18	90.21	116.46	117.05	0.000218	3.42	14494.29	1077.43	0.27
50	1.67	14734.02	99.65	112.11	112.24	0.000168	1.61	9197.63	1515.71	0.2
50	2	16055.78	99.65	112.32	112.46	0.00018	1.7	9514.65	1537.86	0.21
50	5	21487.26	99.65	113.08	113.29	0.000224	2.04	10752.37	1704.51	0.24
50	10	25083.37	99.65	113.49	113.75	0.000255	2.25	11469.21	1771.01	0.26
50	25	29627.1	99.65	114.01	114.33	0.000285	2.49	12410.96	1826.55	0.27
50	50	32997.85	99.65	114.41	114.76	0.000302	2.64	13140.15	1868.42	0.28
50	100	36343.74	99.65	114.81	115.2	0.000314	2.77	13912.41	2008.29	0.29

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Indinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
50	1000	47455.18	99.65	116.18	116.66	0.000329	3.11	16855.71	2291.25	0.31
49	1.67	14734.02	104.47	110.42	111.48	0.006133	4.63	3344.19	1657.35	1.01
49	2	16055.78	104.47	110.57	111.66	0.005996	4.71	3596.11	1731.8	1.01
49	5	21487.26	104.47	111.08	112.34	0.005715	5.06	4520.16	1870.66	1.01
49	10	25083.37	104.47	111.64	112.77	0.00427	4.81	5614.88	2035.73	0.89
49	25	29627.1	104.47	112.41	113.36	0.002859	4.44	7273.74	2232.94	0.75
49	50	32997.85	104.47	112.94	113.83	0.00222	4.29	8470.2	2294.86	0.68
49	100	36343.74	104.47	113.46	114.3	0.001788	4.17	9687.29	2356.18	0.62
49	1000	47455.18	104.47	115.18	115.9	0.001025	3.9	13807.96	2426.95	0.5
47	1.67	14734.02	82.85	102.03	102.37	0.000242	2.82	7923.34	1213.75	0.26
47	2	16055.78	82.85	102.48	102.83	0.000246	2.91	8471.43	1250.04	0.27
47	5	21487.26	82.85	104.22	104.63	0.000251	3.22	10751.51	1346.64	0.28
47	10	25083.37	82.85	105.27	105.7	0.000248	3.36	12175.82	1358.18	0.28
47	25	29627.1	82.85	106.5	106.95	0.000246	3.52	13847.24	1371.6	0.28
47	50	32997.85	82.85	107.34	107.82	0.000245	3.64	15008.57	1380.85	0.28
47	100	36343.74	82.85	108.13	108.63	0.000245	3.75	16104.49	1390.94	0.28
47	1000	47455.18	82.85	110.45	111.04	0.000253	4.14	19437.95	1475.32	0.29

Tabela 2. Características hidráulicas da simulação do cenário futuro (com reservatório) considerando diferentes vazões máximas de projeto e o nível da água na seção do empreendimento na cota de projeto (cota 125,00).

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
102	1.67	13418.73	126.5	137	137.03	0.000163	0.78	17446.17	2024.07	0.08
102	2	14660.73	126.5	137.51	137.54	0.000161	0.81	18488.84	2029.28	0.08
102	5	19764.34	126.5	139.46	139.5	0.000155	0.9	22462.61	2049	0.09
102	10	23143.38	126.5	140.69	140.73	0.000155	0.96	25000.92	2118.98	0.09
102	25	27412.79	126.5	142.04	142.09	0.000159	1.04	28055.44	2317.89	0.09
102	50	30580.1	126.5	142.97	143.02	0.00016	1.09	30241.56	2446.25	0.09
102	100	33724	126.5	143.91	143.97	0.00016	1.14	32765.05	2862.62	0.09
102	1000	44084.18	126.5	146.53	146.6	0.000173	1.31	41176.01	3356.05	0.1
101	1.67	13418.73	125.5	136.22	136.25	0.00015	0.76	17894.59	2026.31	0.08
101	2	14660.73	125.5	136.74	136.77	0.000148	0.79	18956.55	2031.61	0.08
101	5	19764.34	125.5	138.72	138.75	0.000144	0.88	22987.16	2051.59	0.08
101	10	23143.38	125.5	139.93	139.97	0.000148	0.95	25519.76	2199.85	0.08
101	25	27412.79	125.5	141.26	141.31	0.000151	1.03	28580.49	2331.62	0.09
101	50	30580.1	125.5	142.19	142.24	0.000153	1.08	30795.09	2587.87	0.09
101	100	33724	125.5	143.13	143.18	0.000153	1.12	33395.71	2979.11	0.09
101	1000	44084.18	125.5	145.68	145.75	0.000167	1.3	41679.44	3363.11	0.1
100	1.67	13418.73	124.5	135.51	135.54	0.000135	0.74	18487.05	2029.27	0.08
100	2	14660.73	124.5	136.04	136.07	0.000134	0.76	19563.65	2034.63	0.08
100	5	19764.34	124.5	138.03	138.07	0.000131	0.85	23634.75	2054.78	0.08
100	10	23143.38	124.5	139.21	139.25	0.000139	0.94	26160.3	2267.62	0.08
100	25	27412.79	124.5	140.53	140.58	0.000142	1.01	29212.17	2348.04	0.08
100	50	30580.1	124.5	141.45	141.5	0.000145	1.06	31476.39	2691.1	0.09
100	100	33724	124.5	142.38	142.43	0.000146	1.11	34169.43	3073.9	0.09
100	1000	44084.18	124.5	144.86	144.93	0.00016	1.28	42294.57	3374.6	0.09
99	1.67	13418.73	123.5	134.88	134.91	0.000118	0.71	19241.95	2033.03	0.07
99	2	14660.73	123.5	135.41	135.44	0.000118	0.74	20326.19	2038.42	0.07
99	5	19764.34	123.5	137.4	137.44	0.000121	0.84	24407.17	2090.56	0.08
99	10	23143.38	123.5	138.55	138.59	0.000128	0.91	26925.52	2288.05	0.08

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
99	25	27412.79	123.5	139.85	139.9	0.000132	0.99	29963.38	2394.07	0.08
99	50	30580.1	123.5	140.74	140.79	0.000136	1.04	32297.17	2801.56	0.08
99	100	33724	123.5	141.68	141.73	0.000137	1.09	35084.1	3127.64	0.09
99	1000	44084.18	123.5	144.08	144.14	0.000153	1.26	43035.81	3400.47	0.09
98	1.67	13418.73	122.5	134.34	134.36	0.000101	0.68	20168.52	2037.64	0.07
98	2	14660.73	122.5	134.87	134.89	0.000102	0.7	21252.29	2043.01	0.07
98	5	19764.34	122.5	136.83	136.86	0.00011	0.82	25308.83	2133.56	0.07
98	10	23143.38	122.5	137.94	137.98	0.000116	0.89	27828.82	2311.93	0.08
98	25	27412.79	122.5	139.22	139.26	0.000122	0.96	30880.91	2607.96	0.08
98	50	30580.1	122.5	140.09	140.13	0.000127	1.02	33281.15	2937.83	0.08
98	100	33724	122.5	141.02	141.06	0.000128	1.06	36157.54	3208.65	0.08
98	1000	44084.18	122.5	143.34	143.4	0.000145	1.23	43918.94	3431.03	0.09
97	1.67	13418.73	121.5	133.87	133.89	0.000085	0.64	21265.35	2043.08	0.06
97	2	14660.73	121.5	134.4	134.42	0.000087	0.67	22340.87	2048.4	0.06
97	5	19764.34	121.5	136.31	136.34	0.000099	0.79	26386.79	2273.69	0.07
97	10	23143.38	121.5	137.39	137.43	0.000104	0.86	28878.3	2339.37	0.07
97	25	27412.79	121.5	138.64	138.68	0.000112	0.94	32003.36	2762.49	0.08
97	50	30580.1	121.5	139.48	139.52	0.000117	1	34472.96	3091.83	0.08
97	100	33724	121.5	140.36	140.4	0.000136	1.11	37268.37	3300.76	0.09
97	1000	44084.18	121.5	142.64	142.7	0.000136	1.21	44967.22	3522.58	0.09
96	1.67	13418.73	120.5	133.49	133.51	0.000071	0.61	22521.58	2049.29	0.06
96	2	14660.73	120.5	134.01	134.03	0.000073	0.64	23582.64	2054.52	0.06
96	5	19764.34	120.5	135.85	135.88	0.000087	0.76	27623.2	2306.52	0.07
96	10	23143.38	120.5	136.9	136.93	0.000093	0.83	30081.08	2416.25	0.07
96	25	27412.79	120.5	138.11	138.14	0.000102	0.92	33338.18	2958.42	0.07
96	50	30580.1	120.5	138.92	138.96	0.000107	0.97	35854.79	3172.23	0.08
96	100	33724	120.5	139.71	139.76	0.000124	1.08	38439.93	3317.43	0.08
96	1000	44084.18	120.5	141.98	142.04	0.00013	1.19	46180.82	3635.54	0.09
95	1.67	13418.73	114.23	133.11	133.14	0.000086	0.83	17834.42	1867.75	0.07
95	2	14660.73	114.23	133.61	133.65	0.00009	0.87	18789.5	1951.58	0.07

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
95	5	19764.34	114.23	135.38	135.42	0.000108	1.02	22421.96	2135.82	0.08
95	10	23143.38	114.23	136.38	136.44	0.000118	1.1	24621.75	2227.91	0.08
95	25	27412.79	114.23	137.53	137.6	0.000129	1.2	27332.02	2429.55	0.09
95	50	30580.1	114.23	138.31	138.39	0.000136	1.27	29261.05	2560.31	0.09
95	100	33724	114.23	139.04	139.12	0.000142	1.33	31202.13	2772.76	0.09
95	1000	44084.18	114.23	141.26	141.36	0.000155	1.48	38245.8	3673.35	0.1
94	1.67	13418.73	114.91	132.44	132.45	0.000079	0.51	26222.67	3245.88	0.06
94	2	14660.73	114.91	132.91	132.92	0.000082	0.53	27791.25	3376.67	0.06
94	5	19764.34	114.91	134.63	134.65	0.000081	0.59	33654.34	3435.48	0.06
94	10	23143.38	114.91	135.61	135.63	0.000081	0.63	37166.79	3902.65	0.06
94	25	27412.79	114.91	136.73	136.75	0.000082	0.67	41998.01	4735.89	0.06
94	50	30580.1	114.91	137.49	137.52	0.000083	0.7	45836.55	5305.44	0.06
94	100	33724	114.91	138.21	138.24	0.000082	0.72	49829.36	5839.22	0.06
94	1000	44084.18	114.91	140.45	140.47	0.000078	0.77	64850.6	7722.13	0.06
93	1.67	13418.73	114.43	132.06	132.09	0.000101	0.82	20217.11	2587.27	0.07
93	2	14660.73	114.43	132.52	132.55	0.000103	0.85	21413.58	2605.56	0.07
93	5	19764.34	114.43	134.23	134.27	0.000111	0.95	26310.25	3244.52	0.08
93	10	23143.38	114.43	135.2	135.24	0.000114	1.01	29551.24	3374.8	0.08
93	25	27412.79	114.43	136.32	136.36	0.000117	1.06	33317.84	3399.85	0.08
93	50	30580.1	114.43	137.08	137.12	0.000119	1.1	35910.71	3417	0.08
93	100	33724	114.43	137.79	137.84	0.00012	1.13	38355.54	3433.08	0.08
93	1000	44084.18	114.43	140.03	140.09	0.000121	1.23	46114.16	3488.62	0.08
92	1.67	13418.73	117.94	131.65	131.67	0.000081	0.65	25704.09	3497.71	0.06
92	2	14660.73	117.94	132.11	132.12	0.000082	0.67	27313.13	3557.31	0.06
92	5	19764.34	117.94	133.8	133.82	0.000082	0.73	33444.53	3645.92	0.06
92	10	23143.38	117.94	134.77	134.79	0.000082	0.77	36976	3683.21	0.06
92	25	27412.79	117.94	135.87	135.9	0.000084	0.82	41064.18	3713.28	0.07
92	50	30580.1	117.94	136.63	136.65	0.000085	0.85	43875.92	3742.03	0.07
92	100	33724	117.94	137.33	137.36	0.000086	0.88	46535.43	3769.78	0.07
92	1000	44084.18	117.94	139.57	139.61	0.000087	0.96	55043.01	3831.28	0.07

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
91	1.67	13586.83	115.93	131.24	131.26	0.000096	0.67	21440.99	2645.66	0.07
91	2	14839.02	115.93	131.69	131.71	0.000098	0.7	22712.45	2999.07	0.07
91	5	19984.53	115.93	133.37	133.4	0.000106	0.8	28585.14	4254.7	0.07
91	10	23391.31	115.93	134.33	134.36	0.000106	0.84	33186.39	5403.82	0.07
91	25	27695.78	115.93	135.43	135.46	0.000107	0.89	39601.52	6069.91	0.07
91	50	30889.09	115.93	136.19	136.22	0.000103	0.9	44253.14	6167	0.07
91	100	34058.82	115.93	136.9	136.94	0.0001	0.91	48688.77	6234.3	0.07
91	1000	44514.25	115.93	139.17	139.21	0.000086	0.93	63120.84	6637.88	0.07
90	1.67	13586.83	118.67	130.68	130.71	0.000153	0.78	17867.05	2223.78	0.08
90	2	14839.02	118.67	131.11	131.15	0.000155	0.82	18850.73	2262.93	0.08
90	5	19984.53	118.67	132.75	132.79	0.000162	0.92	22631.44	2359.88	0.09
90	10	23391.31	118.67	133.69	133.74	0.000168	0.99	24885.4	2430.52	0.09
90	25	27695.78	118.67	134.77	134.83	0.000174	1.07	27570.59	2555.12	0.09
90	50	30889.09	118.67	135.53	135.59	0.000177	1.12	29554.04	2677.66	0.09
90	100	34058.82	118.67	136.24	136.31	0.000181	1.16	31495.87	2815.03	0.1
90	1000	44514.25	118.67	138.54	138.62	0.000181	1.28	38201.47	3008.17	0.1
89	1.67	13586.83	115.27	130.2	130.23	0.000102	0.76	18555.59	1730.59	0.07
89	2	14839.02	115.27	130.62	130.65	0.000108	0.79	19283.24	1738.34	0.07
89	5	19984.53	115.27	132.19	132.23	0.000132	0.95	22371.7	2306.42	0.08
89	10	23391.31	115.27	133.1	133.15	0.000143	1.03	24588.75	2577.11	0.09
89	25	27695.78	115.27	134.14	134.2	0.000154	1.12	27344.85	2662.19	0.09
89	50	30889.09	115.27	134.89	134.95	0.00016	1.18	29335.67	2696.98	0.09
89	100	34058.82	115.27	135.58	135.65	0.000165	1.23	31239.54	2781.61	0.09
89	1000	44514.25	115.27	137.88	137.96	0.00017	1.35	37739.95	2880.06	0.1
88	1.67	13586.83	106.37	129.82	129.83	0.000064	0.47	28755.24	3442.3	0.05
88	2	14839.02	106.37	130.22	130.23	0.000067	0.49	30150.3	3498.41	0.05
88	5	19984.53	106.37	131.73	131.75	0.000074	0.56	35564.66	3647.39	0.06
88	10	23391.31	106.37	132.61	132.63	0.000077	0.6	38814.52	3700.26	0.06
88	25	27695.78	106.37	133.63	133.66	0.000081	0.65	42614.27	3744.5	0.06
88	50	30889.09	106.37	134.36	134.39	0.000082	0.68	45361.97	3768.31	0.06
88	100	34058.82	106.37	135.05	135.07	0.000084	0.71	47936.43	3789.71	0.06

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
88	1000	44514.25	106.37	137.32	137.35	0.000089	0.79	56761.93	4053.73	0.07
86	1.67	13586.83	115.31	129.48	129.51	0.000133	0.7	20287.67	2962.87	0.08
86	2	14839.02	115.31	129.87	129.9	0.000136	0.73	21462.74	3071.17	0.08
86	5	19984.53	115.31	131.35	131.39	0.000142	0.83	26315.12	3610.84	0.08
86	10	23391.31	115.31	132.22	132.26	0.000145	0.88	29643.38	3971.84	0.08
86	25	27695.78	115.31	133.24	133.28	0.000145	0.93	33704.22	4056.54	0.08
86	50	30889.09	115.31	133.96	134	0.00015	0.98	36831.89	4864.32	0.09
86	100	34058.82	115.31	134.64	134.68	0.000146	1	40178.02	4934.82	0.09
86	1000	44514.25	115.31	136.93	136.98	0.000128	1.04	51959.45	5486.5	0.08
85	1.67	13873.45	110	128.99	129.04	0.000167	0.94	17185.38	2819.91	0.09
85	2	15143.02	110	129.37	129.42	0.000172	0.98	18256.07	2834.33	0.09
85	5	20359.98	110	130.82	130.88	0.000185	1.09	22424.93	2911.71	0.1
85	10	23814.06	110	131.68	131.74	0.000191	1.16	24935.62	2957.34	0.1
85	25	28178.31	110	132.68	132.75	0.000197	1.23	27931.75	3050.22	0.1
85	50	31415.96	110	133.39	133.46	0.000199	1.27	30129.99	3151.27	0.1
85	100	34629.69	110	134.07	134.15	0.0002	1.31	32315.91	3217.58	0.1
85	1000	45248.9	110	136.41	136.49	0.000188	1.39	40544.54	3885.94	0.1
84	1.67	13873.45	113.86	128.78	128.82	0.00021	0.89	16605.21	2356.91	0.1
84	2	15143.02	113.86	129.15	129.19	0.000215	0.93	17485.83	2372.01	0.1
84	5	20359.98	113.86	130.58	130.64	0.000229	1.05	20929.01	2435.24	0.1
84	10	23814.06	113.86	131.43	131.49	0.000237	1.13	23017.67	2507.05	0.11
84	25	28178.31	113.86	132.42	132.49	0.000245	1.21	25547.01	2591.34	0.11
84	50	31415.96	113.86	133.12	133.2	0.000249	1.26	27382.24	2650.83	0.11
84	100	34629.69	113.86	133.8	133.88	0.00025	1.31	29211.81	2703.47	0.11
84	1000	45248.9	113.86	136.15	136.24	0.000237	1.41	35702.89	2833.03	0.11
83	1.67	13873.45	117.02	128.55	128.59	0.000198	0.91	15993.39	1981.74	0.09
83	2	15143.02	117.02	128.91	128.96	0.000207	0.95	16718.98	2008.86	0.1
83	5	20359.98	117.02	130.32	130.38	0.000233	1.1	19653.08	2275.62	0.1
83	10	23814.06	117.02	131.15	131.22	0.000246	1.19	21698.11	2628.8	0.11
83	25	28178.31	117.02	132.13	132.21	0.000257	1.28	24363.68	2810.12	0.11

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
83	50	31415.96	117.02	132.83	132.91	0.000262	1.33	26383.69	3086.61	0.11
83	100	34629.69	117.02	133.51	133.6	0.000263	1.38	28617.38	3421	0.12
83	1000	45248.9	117.02	135.88	135.97	0.000239	1.46	37131.23	3737.85	0.11
82	1.67	13873.45	112.64	128.34	128.38	0.000126	0.83	18612.21	2508.85	0.08
82	2	15143.02	112.64	128.7	128.73	0.000134	0.88	19515.62	2602.2	0.08
82	5	20359.98	112.64	130.08	130.12	0.000156	1.02	23300.04	2863.77	0.09
82	10	23814.06	112.64	130.9	130.95	0.000167	1.09	25715.67	3060	0.09
82	25	28178.31	112.64	131.86	131.92	0.000178	1.18	28793.5	3277.17	0.1
82	50	31415.96	112.64	132.55	132.62	0.000182	1.23	31108.49	3432.78	0.1
82	100	34629.69	112.64	133.23	133.3	0.000184	1.27	33556.59	3808.85	0.1
82	1000	45248.9	112.64	135.63	135.71	0.00017	1.33	43589.3	4476.48	0.1
81	1.67	13873.45	116.09	128.13	128.16	0.000159	0.84	18013.81	2583.7	0.08
81	2	15143.02	116.09	128.47	128.51	0.000166	0.88	18902.94	2607.92	0.09
81	5	20359.98	116.09	129.82	129.87	0.000186	1.01	22468.69	2677.17	0.09
81	10	23814.06	116.09	130.62	130.68	0.000197	1.08	24634.56	2716.43	0.1
81	25	28178.31	116.09	131.58	131.64	0.000206	1.16	27246.19	2763.04	0.1
81	50	31415.96	116.09	132.26	132.33	0.000211	1.22	29150.31	2802.44	0.1
81	100	34629.69	116.09	132.94	133.01	0.000213	1.26	31059.74	2844.93	0.1
81	1000	45248.9	116.09	135.35	135.43	0.000203	1.36	38141.7	3051.01	0.1
80	1.67	13873.45	115.71	127.52	127.57	0.000225	0.91	15531.11	1925.04	0.1
80	2	15143.02	115.71	127.83	127.88	0.000238	0.96	16129.68	1948.81	0.1
80	5	20359.98	115.71	129.09	129.15	0.000275	1.12	18782.16	2347.29	0.11
80	10	23814.06	115.71	129.84	129.91	0.000296	1.22	20586.28	2449.18	0.12
80	25	28178.31	115.71	130.75	130.83	0.00031	1.31	22845.77	2522.05	0.12
80	50	31415.96	115.71	131.41	131.5	0.000315	1.37	24535.51	2575.2	0.12
80	100	34629.69	115.71	132.07	132.17	0.000316	1.42	26266.87	2628.54	0.12
80	1000	45248.9	115.71	134.54	134.65	0.000283	1.51	32994.37	2802.42	0.12
76	1.67	13873.45	112.82	127.17	127.21	0.000201	0.91	15737.19	1913.71	0.09
76	2	15143.02	112.82	127.45	127.5	0.000216	0.96	16296.24	2016.19	0.1
76	5	20359.98	112.82	128.63	128.69	0.000264	1.14	18881.39	2300.26	0.11

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
76	10	23814.06	112.82	129.34	129.42	0.000285	1.24	20548.43	2369.08	0.12
76	25	28178.31	112.82	130.22	130.31	0.000305	1.35	22661.86	2474.55	0.12
76	50	31415.96	112.82	130.87	130.96	0.000313	1.41	24314.38	2621.73	0.12
76	100	34629.69	112.82	131.53	131.63	0.000316	1.46	26093.51	2757.31	0.13
76	1000	45248.9	112.82	134.05	134.16	0.000279	1.54	33703.56	3382.64	0.12
75	1.67	13873.45	109.73	126.86	126.91	0.000191	0.96	15858.29	2363.61	0.09
75	2	15143.02	109.73	127.12	127.17	0.000207	1.02	16516.76	2700.84	0.1
75	5	20359.98	109.73	128.23	128.3	0.000252	1.2	19892.74	3248.01	0.11
75	10	23814.06	109.73	128.92	128.99	0.000273	1.29	22194.57	3450.72	0.12
75	25	28178.31	109.73	129.78	129.86	0.000283	1.37	25205.16	3540.99	0.12
75	50	31415.96	109.73	130.42	130.51	0.000283	1.42	27513.51	3597.52	0.12
75	100	34629.69	109.73	131.09	131.18	0.000278	1.45	29934.11	3660.77	0.12
75	1000	45248.9	109.73	133.69	133.78	0.000226	1.45	40228.75	4178.49	0.11
74	1.67	13873.45	113.11	126.59	126.64	0.00018	0.94	15344.56	1910.95	0.09
74	2	15143.02	113.11	126.83	126.88	0.000199	1	15804.59	2019.56	0.1
74	5	20359.98	113.11	127.85	127.93	0.00026	1.21	18066.53	2298.57	0.11
74	10	23814.06	113.11	128.5	128.58	0.000292	1.33	19566.62	2364.82	0.12
74	25	28178.31	113.11	129.32	129.42	0.000319	1.45	21556.43	2439.41	0.13
74	50	31415.96	113.11	129.96	130.07	0.000331	1.52	23120.82	2505.41	0.13
74	100	34629.69	113.11	130.62	130.74	0.000334	1.58	24806.31	2558.9	0.13
74	1000	45248.9	113.11	133.29	133.41	0.000289	1.64	31834.91	2691.94	0.12
73	1.67	13873.45	112.75	126.24	126.28	0.000234	0.95	14988.99	2041.52	0.1
73	2	15143.02	112.75	126.43	126.48	0.000264	1.02	15392.3	2149.8	0.11
73	5	20359.98	112.75	127.3	127.38	0.000394	1.23	17646.68	3039.23	0.13
73	10	23814.06	112.75	127.89	127.97	0.000429	1.33	19503.7	3291.6	0.14
73	25	28178.31	112.75	128.67	128.77	0.000443	1.42	22175.95	3432.19	0.14
73	50	31415.96	112.75	129.3	129.41	0.000432	1.46	24356.61	3521.6	0.14
73	100	34629.69	112.75	129.99	130.09	0.000409	1.48	26774.58	3564.62	0.14
73	1000	45248.9	112.75	132.81	132.89	0.000281	1.42	36953.52	3679.21	0.12
72	1.67	13873.45	116	125.97	126.02	0.00031	0.99	14734.02	2490.42	0.11

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
72	2	15143.02	116	126.14	126.19	0.000342	1.06	15142.6	2534.22	0.12
72	5	20359.98	116	126.88	126.96	0.000447	1.28	17117.45	2782.72	0.14
72	10	23814.06	116	127.43	127.53	0.000484	1.39	18652.71	2812.51	0.15
72	25	28178.31	116	128.2	128.31	0.0005	1.49	20842.21	2889.65	0.15
72	50	31415.96	116	128.84	128.95	0.000488	1.53	22700.45	2914.23	0.15
72	100	34629.69	116	129.55	129.66	0.000461	1.55	24757.9	2933.89	0.15
72	1000	45248.9	116	132.49	132.6	0.000319	1.51	33498.7	2997.76	0.13
71	1.67	13873.45	110.55	125.61	125.63	0.000121	0.73	20842.67	2598.74	0.07
71	2	15143.02	110.55	125.72	125.75	0.000138	0.78	21144.31	2604.26	0.08
71	5	20359.98	110.55	126.31	126.35	0.000202	0.98	22674.25	2644.19	0.1
71	10	23814.06	110.55	126.78	126.84	0.000235	1.09	23937.16	2688.3	0.1
71	25	28178.31	110.55	127.5	127.57	0.00026	1.2	25907.1	2771.73	0.11
71	50	31415.96	110.55	128.14	128.21	0.000265	1.25	27702.81	2853.04	0.11
71	100	34629.69	110.55	128.87	128.95	0.00026	1.29	29833.37	2987.23	0.11
71	1000	45248.9	110.55	132	132.08	0.000199	1.3	40184.51	3691.75	0.1
70	1.67	13873.45	106.24	125.51	125.53	0.000006	0.64	23079.21	2422.41	0.06
70	2	15143.02	106.24	125.61	125.64	0.000007	0.69	23325.01	2431.83	0.06
70	5	20359.98	106.24	126.14	126.17	0.000011	0.88	24612.43	2480.59	0.08
70	10	23814.06	106.24	126.58	126.62	0.000013	0.99	25710.55	2521.44	0.09
70	25	28178.31	106.24	127.27	127.32	0.000015	1.11	27479.57	2627.44	0.1
70	50	31415.96	106.24	127.89	127.96	0.000016	1.17	29170.65	2768.71	0.1
70	100	34629.69	106.24	128.62	128.69	0.000016	1.22	31258.6	2975.7	0.1
70	1000	45248.9	106.24	131.8	131.87	0.000013	1.25	41280.74	3222.03	0.09
69	1.67	13873.45	110.62	125.49	125.52	0.000009	0.81	19291.36	2121.96	0.07
69	2	15143.02	110.62	125.59	125.62	0.00001	0.88	19498.3	2127.14	0.08
69	5	20359.98	110.62	126.09	126.15	0.000015	1.12	20585.71	2154.11	0.1
69	10	23814.06	110.62	126.52	126.59	0.000019	1.26	21515.1	2176.9	0.11
69	25	28178.31	110.62	127.2	127.29	0.000022	1.4	23012.59	2236.46	0.12
69	50	31415.96	110.62	127.83	127.92	0.000023	1.48	24427.9	2313.17	0.12
69	100	34629.69	110.62	128.55	128.65	0.000023	1.53	26137.17	2402.55	0.12
69	1000	45248.9	110.62	131.73	131.84	0.000019	1.57	34380.56	2809.83	0.11

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
68	1.67	13873.45	109.25	125.48	125.51	0.000008	0.82	18638.58	2065.13	0.07
68	2	15143.02	109.25	125.57	125.61	0.000009	0.88	18837.32	2082	0.08
68	5	20359.98	109.25	126.08	126.14	0.000015	1.14	19903.84	2191.73	0.09
68	10	23814.06	109.25	126.5	126.58	0.000018	1.28	20871.29	2363	0.11
68	25	28178.31	109.25	127.18	127.27	0.000021	1.42	22572	2656.41	0.11
68	50	31415.96	109.25	127.8	127.9	0.000022	1.5	24277.71	2846.01	0.12
68	100	34629.69	109.25	128.52	128.63	0.000022	1.55	26441.74	3106.1	0.12
68	1000	45248.9	109.25	131.72	131.82	0.000018	1.55	37294.56	3548.3	0.11
67.5	1.67	13873.45	105.64	125.47	125.49	0.000006	0.72	20447.95	1892.09	0.06
67.5	2	15143.02	105.64	125.56	125.59	0.000007	0.78	20627.15	1911.51	0.07
67.5	5	20359.98	105.64	126.06	126.11	0.000012	1.01	21596.85	2013.32	0.08
67.5	10	23814.06	105.64	126.48	126.54	0.000014	1.14	22451.58	2055.73	0.09
67.5	25	28178.31	105.64	127.15	127.23	0.000017	1.28	23854	2124.36	0.1
67.5	50	31415.96	105.64	127.77	127.86	0.000018	1.37	25200.97	2224.66	0.11
67.5	100	34629.69	105.64	128.49	128.59	0.000019	1.42	26828.28	2272.31	0.11
67.5	1000	45248.9	105.64	131.68	131.79	0.000016	1.49	34422.61	2487.73	0.11
67	1.67	13873.45	108.53	125.45	125.48	0.000012	0.83	17068.66	1850.53	0.08
67	2	15143.02	108.53	125.54	125.58	0.000014	0.9	17236.28	1857.77	0.09
67	5	20359.98	108.53	126.01	126.08	0.000021	1.16	18133.76	1897.65	0.11
67	10	23814.06	108.53	126.42	126.51	0.000026	1.3	18921.29	1939.79	0.12
67	25	28178.31	108.53	127.09	127.19	0.000031	1.45	20227.88	2007.77	0.13
67	50	31415.96	108.53	127.7	127.82	0.000032	1.52	21480.31	2071.1	0.14
67	100	34629.69	108.53	128.42	128.55	0.000033	1.58	22998.86	2135.25	0.14
67	1000	45248.9	108.53	131.63	131.75	0.000027	1.57	30645.86	2588.68	0.13
64	1.67	13873.45	105.44	125.44	125.47	0.000007	0.8	18158.48	1471.22	0.07
64	2	15143.02	105.44	125.53	125.56	0.000008	0.87	18289.35	1474.32	0.07
64	5	20359.98	105.44	126	126.06	0.000014	1.13	18987.72	1490.75	0.09
64	10	23814.06	105.44	126.4	126.48	0.000017	1.28	19594.76	1504.88	0.1
64	25	28178.31	105.44	127.06	127.16	0.000021	1.45	20588.6	1527.74	0.11
64	50	31415.96	105.44	127.67	127.78	0.000022	1.55	21525.86	1548.98	0.12

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
64	100	34629.69	105.44	128.38	128.51	0.000023	1.63	22644.49	1573.96	0.12
64	1000	45248.9	105.44	131.57	131.72	0.000022	1.75	27946.02	1702.82	0.12
63	1.67	13873.45	99.69	125.42	125.46	0.000007	0.87	17751.63	1396.5	0.07
63	2	15143.02	99.69	125.51	125.55	0.000008	0.94	17872.3	1400.64	0.07
63	5	20359.98	99.69	125.97	126.04	0.000012	1.23	18520.78	1422.68	0.09
63	10	23814.06	99.69	126.36	126.46	0.000016	1.4	19089.77	1441.75	0.1
63	25	28178.31	99.69	127.01	127.13	0.000019	1.58	20031.36	1472.75	0.11
63	50	31415.96	99.69	127.61	127.75	0.000021	1.7	20929.29	1501.72	0.12
63	100	34629.69	99.69	128.33	128.47	0.000023	1.79	22011.5	1535.91	0.13
63	1000	45248.9	99.69	131.52	131.68	0.000022	1.93	27109.2	1645.36	0.13
62	1.67	13873.45	105.62	125.42	125.44	0.000006	0.76	22587.03	2840.33	0.06
62	2	15143.02	105.62	125.5	125.53	0.000007	0.83	22833.31	2883.72	0.07
62	5	20359.98	105.62	125.96	126.01	0.000011	1.06	24211.92	3097.69	0.08
62	10	23814.06	105.62	126.36	126.42	0.000013	1.18	25470.17	3187.09	0.09
62	25	28178.31	105.62	127.02	127.08	0.000015	1.31	27570.03	3267.22	0.1
62	50	31415.96	105.62	127.62	127.7	0.000016	1.37	29588.37	3354.12	0.1
62	100	34629.69	105.62	128.34	128.42	0.000016	1.4	32159.35	3629.82	0.1
62	1000	45248.9	105.62	131.56	131.63	0.000012	1.35	44394.36	3966.04	0.09
61	1.67	13873.45	86.93	125.39	125.43	0.000007	0.97	15856.32	1022.97	0.07
61	2	15143.02	86.93	125.47	125.52	0.000008	1.05	15938.78	1023.23	0.07
61	5	20359.98	86.93	125.9	125.99	0.000013	1.38	16382.3	1024.62	0.09
61	10	23814.06	86.93	126.28	126.4	0.000017	1.58	16770.17	1025.83	0.11
61	25	28178.31	86.93	126.9	127.05	0.000021	1.8	17409.33	1027.83	0.12
61	50	31415.96	86.93	127.49	127.67	0.000023	1.94	18013.94	1029.71	0.13
61	100	34629.69	86.93	128.19	128.38	0.000025	2.05	18734.1	1031.95	0.13
61	1000	45248.9	86.93	131.35	131.59	0.000026	2.28	22011.64	1042.08	0.14
60	1.67	13873.45	61.21	125.39	125.43	0.000007	0.9	15834.28	892.25	0.06
60	2	15143.02	61.21	125.47	125.52	0.000008	0.98	15906.22	894.32	0.07
60	5	20359.98	61.21	125.9	125.99	0.000013	1.29	16295.43	905.46	0.09
60	10	23814.06	61.21	126.28	126.39	0.000017	1.48	16639.05	915.18	0.1

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
60	25	28178.31	61.21	126.9	127.04	0.000022	1.7	17212.13	931.16	0.11
60	50	31415.96	61.21	127.49	127.66	0.000025	1.84	17762.2	946.25	0.12
60	100	34629.69	61.21	128.18	128.37	0.000027	1.96	18427.6	964.19	0.13
60	1000	45248.9	61.21	131.33	131.58	0.00003	2.23	21760.85	1154.18	0.14
59	1.67	13873.45	83.93	125.4	125.42	0.000004	0.71	19722.41	1117.54	0.05
59	2	15143.02	83.93	125.48	125.51	0.000004	0.77	19813.73	1121.55	0.05
59	5	20359.98	83.93	125.91	125.97	0.000007	1.01	20309.27	1143.05	0.07
59	10	23814.06	83.93	126.3	126.36	0.000009	1.16	20748.9	1161.79	0.08
59	25	28178.31	83.93	126.92	127.01	0.000012	1.34	21486.21	1192.56	0.09
59	50	31415.96	83.93	127.51	127.62	0.000014	1.45	22198.69	1221.56	0.1
59	100	34629.69	83.93	128.21	128.33	0.000015	1.54	23066.82	1255.99	0.1
59	1000	45248.9	83.93	131.38	131.53	0.000016	1.74	27412.26	1526.92	0.11
58.5	1.67	14158.5	105.89	125.36	125.39	0.000008	0.79	18240.67	1537.44	0.07
58.5	2	15445.36	105.89	125.44	125.48	0.00001	0.85	18358.14	1539.37	0.08
58.5	5	20733.38	105.89	125.86	125.92	0.000016	1.11	18999.06	1549.83	0.1
58.5	10	24234.5	105.89	126.22	126.3	0.00002	1.26	19569.38	1559.09	0.11
58.5	25	28658.21	105.89	126.83	126.93	0.000024	1.42	20527.16	1574.51	0.12
58.5	50	31939.93	105.89	127.42	127.53	0.000026	1.52	21449.72	1589.22	0.13
58.5	100	35197.44	105.89	128.11	128.24	0.000027	1.59	22565.09	1606.83	0.13
58.5	1000	45980.44	105.89	131.29	131.44	0.000024	1.71	27797.75	1686.98	0.13
58	1.67	14158.5	105.78	125.36	125.39	0.000007	0.77	19320.54	1870.22	0.07
58	2	15445.36	105.78	125.43	125.47	0.000009	0.83	19461.38	1880.46	0.07
58	5	20733.38	105.78	125.84	125.9	0.000014	1.08	20243.22	1936.34	0.09
58	10	24234.5	105.78	126.2	126.28	0.000017	1.22	20956.61	1985.95	0.1
58	25	28658.21	105.78	126.81	126.91	0.000021	1.38	22190.68	2068.97	0.11
58	50	31939.93	105.78	127.4	127.5	0.000022	1.47	23426.21	2192.65	0.12
58	100	35197.44	105.78	128.09	128.21	0.000023	1.53	25046.3	2420.5	0.12
58	1000	45980.44	105.78	131.29	131.4	0.000019	1.58	33726.01	3001.71	0.11
57	1.67	14158.5	99.18	125.36	125.37	0.000004	0.61	25977.99	2191.36	0.05
57	2	15445.36	99.18	125.43	125.45	0.000004	0.66	26142.98	2193.24	0.05

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
57	5	20733.38	99.18	125.84	125.88	0.000007	0.86	27045.8	2203.54	0.07
57	10	24234.5	99.18	126.21	126.25	0.000009	0.97	27851.15	2212.69	0.08
57	25	28658.21	99.18	126.82	126.87	0.000011	1.1	29205.95	2228	0.08
57	50	31939.93	99.18	127.4	127.46	0.000012	1.17	30511.21	2242.29	0.09
57	100	35197.44	99.18	128.1	128.17	0.000012	1.23	32085.82	2256.6	0.09
57	1000	45980.44	99.18	131.29	131.37	0.000011	1.31	39389.42	2321.82	0.09
56	1.67	14158.5	102.31	125.35	125.37	0.000004	0.72	22030.96	1486.76	0.05
56	2	15445.36	102.31	125.42	125.45	0.000005	0.78	22139.9	1487.99	0.06
56	5	20733.38	102.31	125.82	125.87	0.000008	1.02	22738.13	1494.7	0.07
56	10	24234.5	102.31	126.18	126.24	0.000001	1.16	23273.68	1500.68	0.08
56	25	28658.21	102.31	126.78	126.86	0.000013	1.32	24178.47	1510.74	0.09
56	50	31939.93	102.31	127.36	127.45	0.000014	1.42	25053.5	1520.4	0.1
56	100	35197.44	102.31	128.05	128.15	0.000015	1.51	26112.8	1532.01	0.1
56	1000	45980.44	102.31	131.23	131.35	0.000015	1.66	31259.09	1686.09	0.11
55	1.67	14158.5	78.7	125.3	125.36	0.000005	1.06	13565.24	581.3	0.06
55	2	15445.36	78.7	125.36	125.43	0.000006	1.15	13602.98	584.96	0.07
55	5	20733.38	78.7	125.72	125.84	0.000011	1.52	13816.95	606.18	0.09
55	10	24234.5	78.7	126.05	126.21	0.000014	1.76	14016.93	625.73	0.1
55	25	28658.21	78.7	126.6	126.81	0.000019	2.04	14373.58	659.16	0.12
55	50	31939.93	78.7	127.15	127.4	0.000022	2.23	14739.43	689.71	0.13
55	100	35197.44	78.7	127.81	128.1	0.000025	2.4	15205.89	724.66	0.14
55	1000	45980.44	78.7	130.89	131.28	0.000003	2.81	17695.62	889.28	0.15
54	1.67	14158.5	88.81	125.31	125.34	0.000005	0.9	17823.61	1415.52	0.06
54	2	15445.36	88.81	125.37	125.42	0.000006	0.98	17917.23	1422.94	0.07
54	5	20733.38	88.81	125.74	125.81	0.000001	1.29	18445.7	1462.37	0.09
54	10	24234.5	88.81	126.07	126.17	0.000013	1.47	18936.18	1498.04	0.1
54	25	28658.21	88.81	126.64	126.77	0.000017	1.68	19802.38	1559.05	0.11
54	50	31939.93	88.81	127.19	127.34	0.000019	1.83	20670.21	1587.07	0.12
54	100	35197.44	88.81	127.86	128.03	0.000021	1.93	21745.91	1608.07	0.12
54	1000	45980.44	88.81	131	131.19	0.000021	2.09	26951.43	1706.69	0.13

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
53	1.67	14158.5	90.77	125.27	125.34	0.000015	1.18	12633.51	980.74	0.1
53	2	15445.36	90.77	125.33	125.41	0.000018	1.29	12691.49	982.65	0.1
53	5	20733.38	90.77	125.66	125.8	0.000029	1.68	13021.5	993.48	0.13
53	10	24234.5	90.77	125.97	126.15	0.000037	1.93	13328.76	1003.45	0.15
53	25	28658.21	90.77	126.5	126.74	0.000047	2.2	13872.45	1020.87	0.17
53	50	31939.93	90.77	127.04	127.31	0.000052	2.36	14422.71	1038.19	0.18
53	100	35197.44	90.77	127.7	128	0.000055	2.49	15111.14	1059.47	0.19
53	1000	45980.44	90.77	130.8	131.15	0.000053	2.73	18692.91	1276.58	0.19
52	1.67	14158.5	91.23	125.28	125.32	0.000006	0.94	16222.2	881.24	0.06
52	2	15445.36	91.23	125.34	125.39	0.000007	1.02	16275.78	881.96	0.07
52	5	20733.38	91.23	125.68	125.77	0.000011	1.35	16577.84	886.03	0.09
52	10	24234.5	91.23	125.99	126.11	0.000015	1.55	16855.67	889.76	0.1
52	25	28658.21	91.23	126.53	126.69	0.000019	1.79	17340.3	896.23	0.12
52	50	31939.93	91.23	127.07	127.25	0.000021	1.94	17823.39	902.63	0.12
52	100	35197.44	91.23	127.73	127.93	0.000024	2.08	18419.28	910.46	0.13
52	1000	45980.44	91.23	130.83	131.09	0.000026	2.36	21299.21	947.39	0.14
51	1.67	14158.5	92.17	125.27	125.31	0.000005	0.89	16587.86	845.69	0.06
51	2	15445.36	92.17	125.33	125.38	0.000006	0.97	16638.62	846.17	0.07
51	5	20733.38	92.17	125.67	125.75	0.000001	1.28	16925.08	848.84	0.09
51	10	24234.5	92.17	125.98	126.09	0.000013	1.47	17188.77	851.63	0.1
51	25	28658.21	92.17	126.52	126.66	0.000017	1.69	17649.54	857.58	0.11
51	50	31939.93	92.17	127.05	127.22	0.000002	1.84	18109.63	863.49	0.12
51	100	35197.44	92.17	127.71	127.9	0.000022	1.97	18677.72	870.72	0.13
51	1000	45980.44	92.17	130.81	131.06	0.000025	2.26	21426.45	904.92	0.14
50	1.67	14158.5	96.25	125.27	125.3	0.000005	0.83	19950.47	1393.32	0.06
50	2	15445.36	96.25	125.33	125.37	0.000006	0.9	20034.05	1394.45	0.06
50	5	20733.38	96.25	125.67	125.73	0.000001	1.18	20507.16	1400.83	0.08
50	10	24234.5	96.25	125.98	126.06	0.000013	1.36	20944.12	1406.69	0.09
50	25	28658.21	96.25	126.52	126.63	0.000016	1.55	21709.44	1416.91	0.11
50	50	31939.93	96.25	127.06	127.18	0.000018	1.67	22474.8	1427.04	0.11
50	100	35197.44	96.25	127.72	127.85	0.000019	1.76	23420.72	1439.48	0.12

Seção	TR (anos)	Q Total (m³/s)	Cota de Fundo (m)	Elevação da água (m)	Cota da linha de energia (m)	Inclinação (m/m)	Vel. (m/s)	Área (m²)	Largura do topo (m)	Número de Froude
50	1000	45980.44	96.25	130.84	131	0.000019	1.93	28001.15	1497.55	0.12
49	1.67	14158.5	93.07	125.27	125.3	0.000004	0.78	20684.68	1487.54	0.05
49	2	15445.36	93.07	125.33	125.36	0.000004	0.85	20772.72	1491.19	0.06
49	5	20733.38	93.07	125.66	125.72	0.000007	1.12	21274.92	1511.87	0.07
49	10	24234.5	93.07	125.97	126.05	0.000009	1.29	21743.94	1530.92	0.08
49	25	28658.21	93.07	126.51	126.61	0.000012	1.48	22577.06	1564.21	0.09
49	50	31939.93	93.07	127.04	127.16	0.000014	1.6	23423.54	1590.43	0.1
49	100	35197.44	93.07	127.7	127.83	0.000015	1.69	24477.19	1609.31	0.11
49	1000	45980.44	93.07	130.82	130.97	0.000015	1.86	29637.27	1698.74	0.11
47	1.67	14158.5	91.84	125.27	125.29	0.000004	0.72	21978.47	1313.86	0.05
47	2	15445.36	91.84	125.32	125.35	0.000004	0.78	22055.85	1314.77	0.05
47	5	20733.38	91.84	125.66	125.7	0.000008	1.03	22494.99	1319.9	0.07
47	10	24234.5	91.84	125.97	126.03	0.00001	1.19	22901.59	1324.64	0.08
47	25	28658.21	91.84	126.5	126.58	0.000012	1.36	23615.58	1332.91	0.09
47	50	31939.93	91.84	127.04	127.13	0.000014	1.47	24330.99	1341.15	0.1
47	100	35197.44	91.84	127.7	127.8	0.000015	1.57	25216.05	1351.27	0.1
47	1000	45980.44	91.84	130.81	130.94	0.000016	1.75	29502.84	1412.16	0.11

Tabela 3. Níveis d'água simulados para o cenário sem reservatório para cada TR.

Cenário sem reservatório									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
102	120,79	133,40	133,93	135,80	136,88	138,09	138,91	139,70	141,87
101	115,97	133,01	133,53	135,32	136,36	137,52	138,30	139,03	141,14
100	107,62	132,32	132,81	134,56	135,58	136,71	137,48	138,19	140,30
99	103,49	131,93	132,40	134,15	135,16	136,29	137,06	137,77	139,87
98	98,87	131,49	131,97	133,72	134,72	135,85	136,61	137,31	139,39
97	94,20	131,05	131,53	133,26	134,28	135,40	136,17	136,87	138,97
96	89,64	130,45	130,92	132,63	133,63	134,74	135,51	136,21	138,30
95	85,77	129,94	130,39	132,05	133,02	134,10	134,86	135,54	137,60
94	80,82	129,51	129,95	131,58	132,53	133,59	134,33	135,00	137,01
93	77,23	129,13	129,57	131,18	132,13	133,18	133,92	134,59	136,59
92	74,07	128,56	129,00	130,62	131,56	132,62	133,34	134,01	136,02
91	72,90	128,30	128,74	130,36	131,30	132,35	133,07	133,74	135,73
90	71,80	128,02	128,46	130,07	131,02	132,06	132,77	133,44	135,43
89	70,44	127,77	128,20	129,81	130,75	131,79	132,49	133,16	135,16
88	68,91	127,51	127,93	129,53	130,46	131,50	132,20	132,86	134,84
86	65,77	126,70	127,12	128,70	129,63	130,64	131,33	131,97	133,92
85	64,10	126,19	126,61	128,17	129,10	130,09	130,77	131,41	133,34
84	62,56	125,74	126,15	127,70	128,63	129,63	130,31	130,95	132,90
83	61,10	125,32	125,72	127,24	128,17	129,15	129,83	130,47	132,40
82	59,38	124,75	125,13	126,58	127,47	128,46	129,14	129,79	131,76
81	58,40	124,22	124,60	126,04	126,92	127,94	128,64	129,32	131,33
80	56,29	123,30	123,70	125,19	126,10	127,16	127,89	128,58	130,65
76	50,30	121,33	121,74	123,25	124,15	125,23	125,97	126,68	128,78
75	48,59	120,47	120,87	122,38	123,29	124,39	125,14	125,86	127,97
74	47,66	119,87	120,27	121,76	122,66	123,77	124,52	125,24	127,38
73	45,62	118,67	119,06	120,54	121,44	122,56	123,32	124,06	126,23
72	44,04	117,82	118,22	119,74	120,67	121,81	122,58	123,32	125,57
71	42,82	117,53	117,94	119,49	120,43	121,58	122,35	123,08	125,33
70	41,27	117,31	117,71	119,22	120,14	121,28	122,03	122,76	124,98
69	39,61	116,95	117,34	118,84	119,76	120,91	121,69	122,43	124,72
68	38,36	116,83	117,21	118,67	119,56	120,66	121,39	122,10	124,25

Cenário sem reservatório									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
67,5	38,01	116,86	117,24	118,69	119,59	120,69	121,42	122,12	124,27
67	37,00	116,84	117,21	118,67	119,57	120,68	121,41	122,11	124,28
64	32,35	116,13	116,46	117,80	118,65	119,71	120,45	121,16	123,36
63	31,18	115,42	115,79	117,23	118,12	119,21	119,97	120,71	122,99
62	29,66	114,72	115,14	116,74	117,69	118,83	119,63	120,39	122,75
61	28,56	114,41	114,84	116,44	117,39	118,52	119,32	120,07	122,40
60	26,64	114,34	114,75	116,27	117,17	118,21	118,93	119,62	121,71
59	25,25	114,19	114,59	116,07	116,94	117,97	118,69	119,37	121,47
58,5	24,63	113,67	114,02	115,31	116,08	116,98	117,62	118,23	120,14
58	23,64	113,67	114,03	115,35	116,12	117,04	117,69	118,31	120,23
57	22,40	113,52	113,87	115,15	115,91	116,80	117,44	118,04	119,94
56	20,96	113,08	113,39	114,56	115,24	116,06	116,66	117,24	119,07
55	19,71	113,02	113,33	114,47	115,13	115,94	116,53	117,09	118,89
54	18,07	112,59	112,85	113,85	114,42	115,15	115,68	116,21	117,96
53	16,36	112,54	112,79	113,74	114,29	114,96	115,46	115,95	117,55
52	14,86	112,31	112,54	113,37	113,82	114,38	114,80	115,22	116,61
51	13,23	112,26	112,48	113,28	113,72	114,27	114,68	115,10	116,46
50	11,86	112,11	112,32	113,08	113,49	114,01	114,41	114,81	116,18
49	10,50	110,42	110,57	111,08	111,64	112,41	112,94	113,46	115,18
47	-	102,03	102,48	104,22	105,27	106,50	107,34	108,13	110,45

Tabela 4. Níveis d'água simulados para o cenário com reservatório para cada TR.

Cenário com reservatório na cota 125,0									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
102	120,79	133,49	134,01	135,85	136,90	138,11	138,92	139,71	141,98
101	115,97	133,11	133,61	135,38	136,38	137,53	138,31	139,04	141,26
100	107,62	132,44	132,91	134,63	135,61	136,73	137,49	138,21	140,45
99	103,49	132,06	132,52	134,23	135,20	136,32	137,08	137,79	140,03
98	98,87	131,65	132,11	133,80	134,77	135,87	136,63	137,33	139,57
97	94,20	131,24	131,69	133,37	134,33	135,43	136,19	136,90	139,17
96	89,64	130,68	131,11	132,75	133,69	134,77	135,53	136,24	138,54
95	85,77	130,20	130,62	132,19	133,10	134,14	134,89	135,58	137,88
94	80,82	129,82	130,22	131,73	132,61	133,63	134,36	135,05	137,32
93	77,23	129,48	129,87	131,35	132,22	133,24	133,96	134,64	136,93
92	74,07	128,99	129,37	130,82	131,68	132,68	133,39	134,07	136,41
91	72,90	128,78	129,15	130,58	131,43	132,42	133,12	133,80	136,15
90	71,80	128,55	128,91	130,32	131,15	132,13	132,83	133,51	135,88
89	70,44	128,34	128,70	130,08	130,89	131,86	132,55	133,23	135,63
88	68,91	128,13	128,47	129,82	130,62	131,58	132,26	132,94	135,35
86	65,77	127,52	127,83	129,09	129,84	130,75	131,41	132,07	134,54
85	64,10	127,17	127,45	128,63	129,34	130,22	130,87	131,53	134,05
84	62,56	126,86	127,12	128,23	128,92	129,78	130,42	131,09	133,69
83	61,10	126,59	126,83	127,85	128,50	129,32	129,96	130,62	133,29
82	59,38	126,24	126,43	127,30	127,89	128,67	129,30	129,99	132,81
81	58,40	125,97	126,14	126,88	127,43	128,20	128,84	129,55	132,49
80	56,29	125,61	125,72	126,31	126,78	127,50	128,14	128,87	132,00
76	50,30	125,51	125,61	126,14	126,58	127,27	127,89	128,62	131,80
75	48,59	125,49	125,59	126,09	126,52	127,20	127,82	128,55	131,73
74	47,66	125,48	125,57	126,08	126,50	127,18	127,80	128,52	131,72
73	45,62	125,47	125,56	126,06	126,48	127,15	127,77	128,49	131,68
72	44,04	125,45	125,54	126,01	126,42	127,09	127,70	128,42	131,63
71	42,82	125,44	125,53	126,00	126,40	127,06	127,67	128,38	131,57
70	41,27	125,42	125,51	125,97	126,36	127,01	127,61	128,33	131,56
69	39,61	125,42	125,50	125,96	126,36	127,02	127,62	128,34	131,52
68	38,36	125,39	125,47	125,90	126,28	126,90	127,49	128,19	131,38

Cenário com reservatório na cota 125,0									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
67,5	38,01	125,39	125,47	125,90	126,28	126,90	127,49	128,18	131,35
67	37,00	125,40	125,48	125,91	126,30	126,92	127,51	128,21	131,33
64	32,35	125,36	125,44	125,85	126,22	126,83	127,42	128,11	131,29
63	31,18	125,36	125,43	125,84	126,20	126,81	127,40	128,09	131,29
62	29,66	125,36	125,43	125,84	126,21	126,82	127,40	128,10	131,29
61	28,56	125,35	125,42	125,82	126,18	126,78	127,36	128,05	131,23
60	26,64	125,30	125,36	125,72	126,05	126,60	127,15	127,81	131,00
59	25,25	125,31	125,37	125,74	126,07	126,64	127,19	127,86	130,89
58,5	24,63	125,27	125,33	125,66	125,97	126,50	127,04	127,70	130,84
58	23,64	125,28	125,34	125,68	125,99	126,53	127,07	127,73	130,83
57	22,40	125,27	125,33	125,67	125,98	126,52	127,05	127,71	130,82
56	20,96	125,27	125,33	125,67	125,98	126,52	127,06	127,72	130,81
55	19,71	125,27	125,33	125,66	125,97	126,51	127,04	127,70	130,81
54	18,07	125,27	125,32	125,66	125,97	126,50	127,04	127,70	130,80
53	16,36	125,25	125,31	125,63	125,93	126,46	126,99	127,64	130,78
52	14,86	125,25	125,30	125,62	125,91	126,44	126,96	127,61	130,77
51	13,23	125,25	125,31	125,63	125,92	126,45	126,98	127,63	130,74
50	11,86	125,26	125,31	125,64	125,94	126,47	127,00	127,66	130,74
49	10,50	125,25	125,31	125,63	125,93	126,46	126,99	127,65	130,72
47	-	125,24	125,30	125,62	125,91	126,43	126,96	127,61	130,71

Tabela 5. Níveis d'água simulados para o cenário com o reservatório assoreado para cada TR.

Cenário com assoreamento de 100 anos									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
102	120,79	133,50	134,02	135,86	136,91	138,12	138,93	139,72	141,99
101	115,97	133,12	133,62	135,39	136,40	137,55	138,33	139,05	141,28
100	107,62	132,45	132,92	134,64	135,62	136,74	137,50	138,22	140,46
99	103,49	132,07	132,53	134,24	135,21	136,32	137,09	137,80	140,04
98	98,87	131,66	132,11	133,81	134,78	135,88	136,63	137,34	139,58
97	94,20	131,24	131,70	133,37	134,33	135,44	136,20	136,91	139,18
96	89,64	130,68	131,12	132,76	133,70	134,78	135,54	136,25	138,55
95	85,77	130,21	130,63	132,20	133,11	134,15	134,90	135,59	137,89
94	80,82	129,82	130,23	131,74	132,62	133,64	134,37	135,06	137,33
93	77,23	129,49	129,88	131,36	132,23	133,24	133,96	134,65	136,94
92	74,07	129,00	129,38	130,83	131,69	132,69	133,40	134,09	136,43
91	72,90	128,78	129,16	130,59	131,44	132,43	133,13	133,82	136,16
90	71,80	128,56	128,92	130,33	131,16	132,14	132,84	133,52	135,89
89	70,44	128,35	128,71	130,09	130,90	131,87	132,57	133,25	135,65
88	68,91	128,14	128,48	129,83	130,64	131,59	132,28	132,95	135,37
86	65,77	127,53	127,84	129,10	129,85	130,76	131,43	132,09	134,56
85	64,10	127,18	127,46	128,64	129,36	130,24	130,89	131,55	134,07
84	62,56	126,88	127,14	128,25	128,94	129,80	130,45	131,12	133,72
83	61,10	126,61	126,84	127,87	128,52	129,35	129,99	130,65	133,32
82	59,38	126,25	126,45	127,32	127,91	128,71	129,34	130,02	132,84
81	58,40	125,99	126,15	126,91	127,46	128,24	128,88	129,59	132,53
80	56,29	125,63	125,74	126,34	126,82	127,55	128,19	128,92	132,04
76	50,30	125,53	125,63	126,17	126,61	127,31	127,94	128,67	131,84
75	48,59	125,50	125,60	126,12	126,56	127,25	127,88	128,60	131,77
74	47,66	125,49	125,59	126,10	126,54	127,22	127,85	128,57	131,76
73	45,62	125,48	125,58	126,09	126,51	127,19	127,82	128,54	131,72
72	44,04	125,46	125,55	126,04	126,46	127,13	127,75	128,47	131,67
71	42,82	125,45	125,54	126,02	126,44	127,10	127,71	128,43	131,61
70	41,27	125,44	125,53	126,00	126,40	127,06	127,66	128,38	131,56
69	39,61	125,43	125,52	125,99	126,40	127,06	127,67	128,39	131,60
68	38,36	125,40	125,49	125,93	126,32	126,95	127,54	128,24	131,39

Cenário com assoreamento de 100 anos									
Seção	Distância (km)	1,67	2	5	10	25	50	100	1000
67,5	38,01	125,40	125,49	125,93	126,32	126,94	127,53	128,23	131,37
67	37,00	125,41	125,49	125,94	126,33	126,96	127,56	128,26	131,41
64	32,35	125,38	125,45	125,88	126,25	126,87	127,45	128,15	131,32
63	31,18	125,37	125,45	125,87	126,24	126,85	127,44	128,14	131,32
62	29,66	125,37	125,44	125,86	126,23	126,85	127,44	128,14	131,32
61	28,56	125,36	125,43	125,84	126,21	126,81	127,39	128,09	131,26
60	26,64	125,31	125,38	125,75	126,08	126,64	127,19	127,85	130,93
59	25,25	125,32	125,39	125,76	126,10	126,67	127,23	127,90	131,03
58,5	24,63	125,28	125,34	125,68	126,00	126,54	127,08	127,74	130,84
58	23,64	125,29	125,35	125,70	126,02	126,57	127,11	127,77	130,86
57	22,40	125,28	125,35	125,69	126,01	126,56	127,09	127,75	130,84
56	20,96	125,28	125,34	125,69	126,01	126,56	127,10	127,76	130,87
55	19,71	125,28	125,34	125,68	125,99	126,54	127,08	127,74	130,85
54	18,07	125,28	125,34	125,68	125,99	126,54	127,07	127,73	130,84
53	16,36	125,26	125,32	125,65	125,96	126,49	127,02	127,67	130,77
52	14,86	125,26	125,31	125,64	125,94	126,47	127,00	127,65	130,75
51	13,23	125,26	125,32	125,64	125,95	126,48	127,01	127,66	130,77
50	11,86	125,27	125,32	125,66	125,96	126,50	127,04	127,69	130,81
49	10,50	125,25	125,31	125,63	125,93	126,46	126,99	127,65	130,77
47	-	125,24	125,30	125,62	125,91	126,43	126,96	127,61	130,72